



Compartment Review Presentation

Roscommon Forest Management Unit

Compartment 71003

Entry Year 2022

Acreage: 2,455

County Roscommon

Management Area: Upper Muskegon

Revision Date: 2020-05-04

Stand Examiner: Jason Lewicki

Legal Description:

T24N, R04W Sections 17, 18, 20, 21

Identified Planning Goals:

Vegetation management in the Upper Muskegon Management Area will provide timber products; maintain or enhance wildlife habitat; protect areas of unique threatened, endangered and special concern species; and provide for forest-based recreational uses. Timber management for the next ten years will focus on harvesting older jack pine and balancing age class distributions of oak, aspen and red pine. Wildlife habitat management objectives include perpetuating early-successional communities for species adapted to young forests for hunting and other wildlife-related recreation opportunity. Expected issues within the next decade are the need to manage exotic species (especially Phragmites and glossy buckthorn), the need to continue to manage cover types for a balanced age class distribution and an expected increase in recreation pressure.

Soil and topography:

Soils on the lowlands are dominated by Tawas Lupton Mucks. Uplands are predominantly Greycalm-Clacking, Perecheney and Otisco sands. The topography is flat to gently rolling.

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

The majority of the compartment as well as the surrounding township is under State Ownership. There are only scattered Private inholdings of relatively small acreages. There is heavy oil and gas operations especially on the western side of the compartment.

Unique Natural Features:

The Dead Stream Swamp lies on the western border of this compartment. It is recognized as a National Landmark as well as a "SCA"

Archeological, Historical, and Cultural Features:

There is an Archeological site in sections 17 and 18.

Special Management Designations or Considerations:

The Dead Stream Swamp is a "SCA".

Watershed and Fisheries Considerations:

None known

Wildlife Habitat Considerations:

The compartment is important to deer, turkey, grouse and woodcock. Black bear also frequent the compartment, especially in association with the Deadstream swamp on the southwest corner of the compartment. This compartment sees heavy pressure for hunting. Higgins Lake Road is used by bear hunters to access the swamp to the SW, sometimes resulting in the creation of foot trails by bait hunters. Management considerations include treatments that will promote hard and soft mast production for wildlife including retention of large crown mast producing trees when possible. Early successional species such as aspen should be managed to ensure young stands are always available for grouse and woodcock. To promote snowshoe hare and other small mammals, brush piles will be constructed in association with timber harvests along lowland edges. 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 no managed wildlife openings within the compartment.

Mineral Resource and Development Concerns and/or Restrictions

Sections 17-18 & 20-21, T24N-R4W, Roscommon County

No known potential exists for commercial metallic mineral production in this part of the state. The nearest active sand/gravel pit is approximately 2.5 miles east of the compartment. Sand & gravel potential in the compartment appears to be good. Part of the East Norwich oil field is in the west half of Section 18. The field is in secondary recovery operations currently, and it is unlikely there will be additional new wells drilled within the compartment. State-owned mineral rights in the W/2 of Section 18 are currently leased and held by production.

Vehicle Access:

Vehicle access is excellent on the uplands due to multiple county, state owned "2 tracks", and access roads for the oil and gas industry. The only area that does not have vehicle access is the far southwest portion of the compartment which is lowland cedar cover types(Deadstream Swamp).

Survey Needs:

Possible survey needed for stand 90.

Recreational Facilities and Opportunities:

Snowmobile trail 6/7- ORV Route and West Higgins 50" ATV trail occur thru much of the compartment. The trails and county roads are heavily utilized by recreational users year round for hunting, berry picking, firewood collection, oil well access, and dispersed camping.

Fire Protection:

Low occurrence of fire history in this compartment. A good portion of this compartment is lowland and the high ground is mostly low hazard fuels.

Additional Compartment Information:

The following reports from the Inventory are attached:

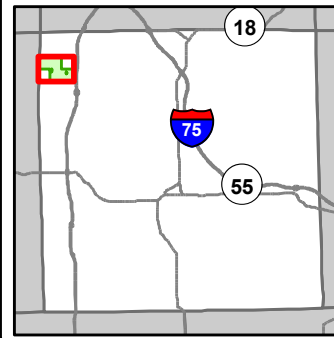
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

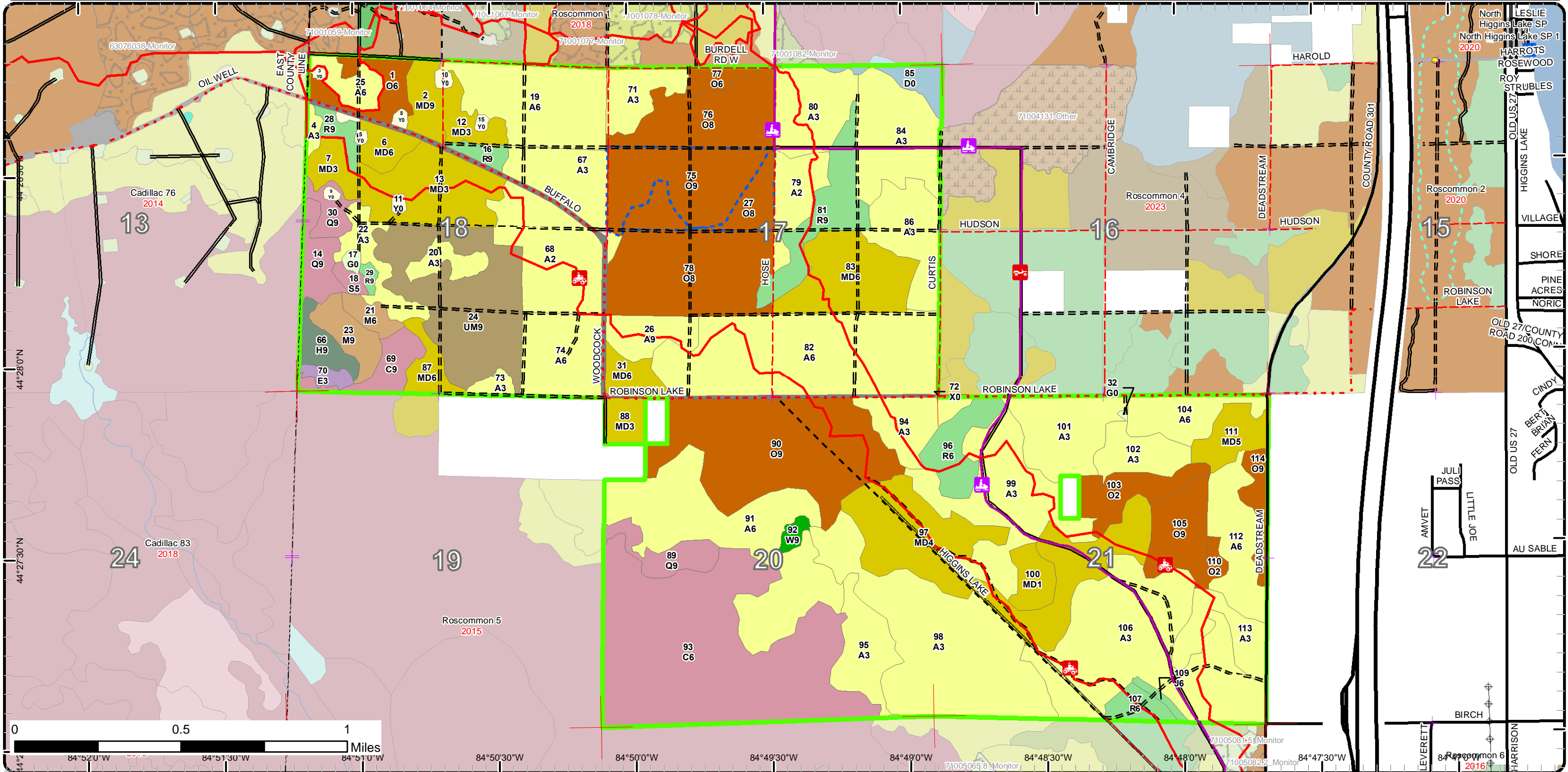
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

Compartment: 3
 T24N, R4W, Sec. 17, 18, 20, 21
 County: Roscommon
 Unit: Roscommon
 Mgmt Area: Upper Muskegon
 YOE: 2022
 Acres: 2454.7 GIS Calculated
 Examiner: Jason Lewicki
 Map Revised: 1/21/2021
 Map Phase: Post-Review

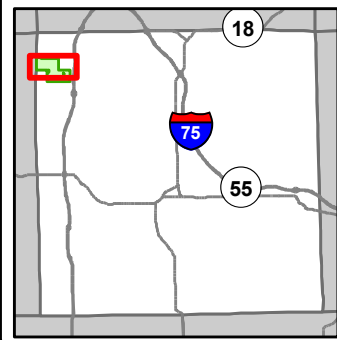


- Miris Corners
- + Remonumented Section Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- Federal / State - Dirt / Gravel Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- 🚲 ORV Trails
- 🚲 ORV Routes
- 🚲 Snowmobile Trails
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- Pipeline
- Compartment Boundary
- Treatments with Site Conditions
- 411 - Northern Hardwood
- 412 - Oak Types
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 122 - Roads/Parking Lot
- 310 - Herbaceous Openland
- 622 - Lowland Shrub
- 710 - Sand/Soil

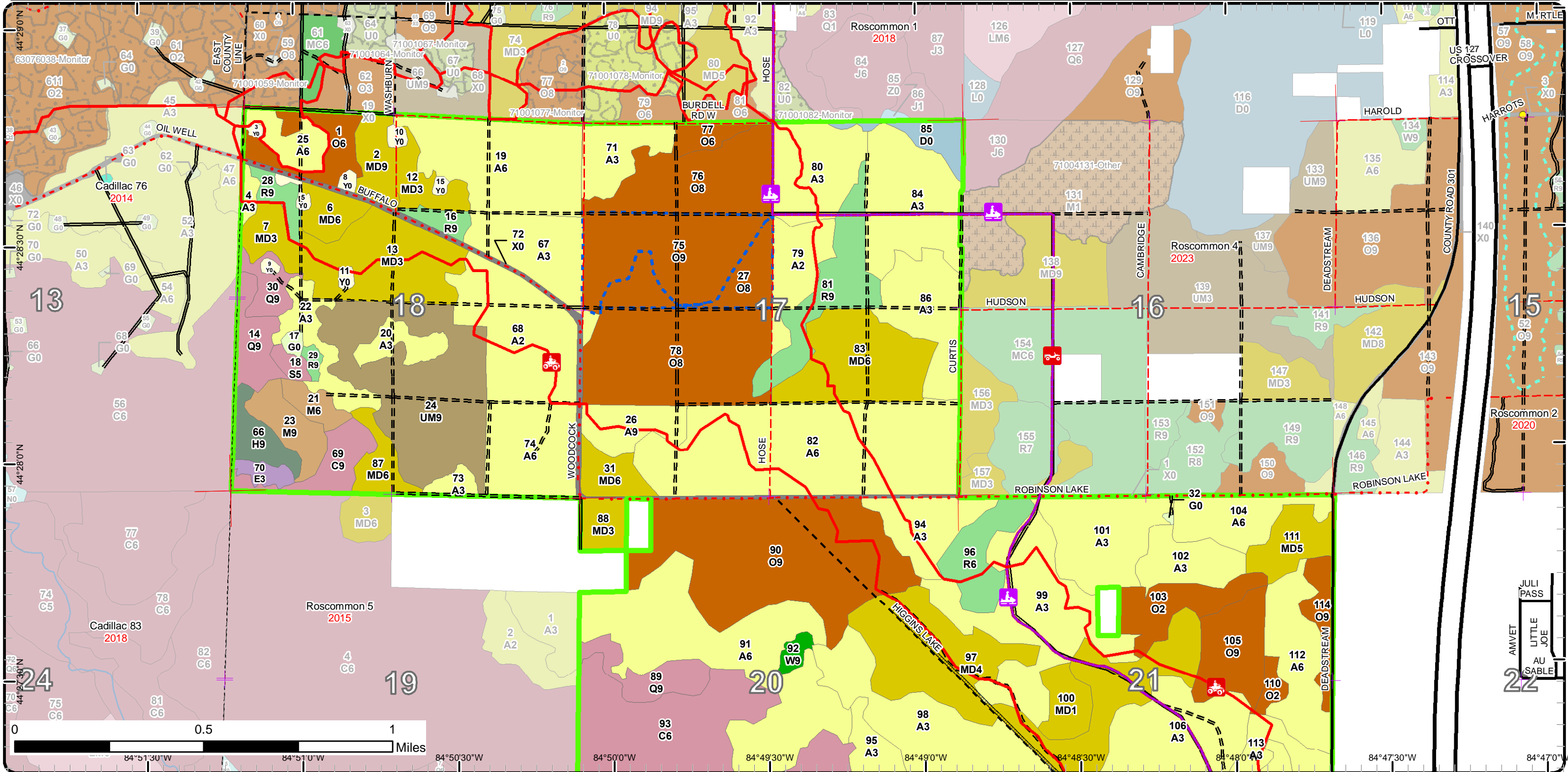


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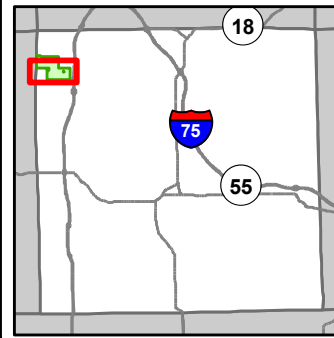


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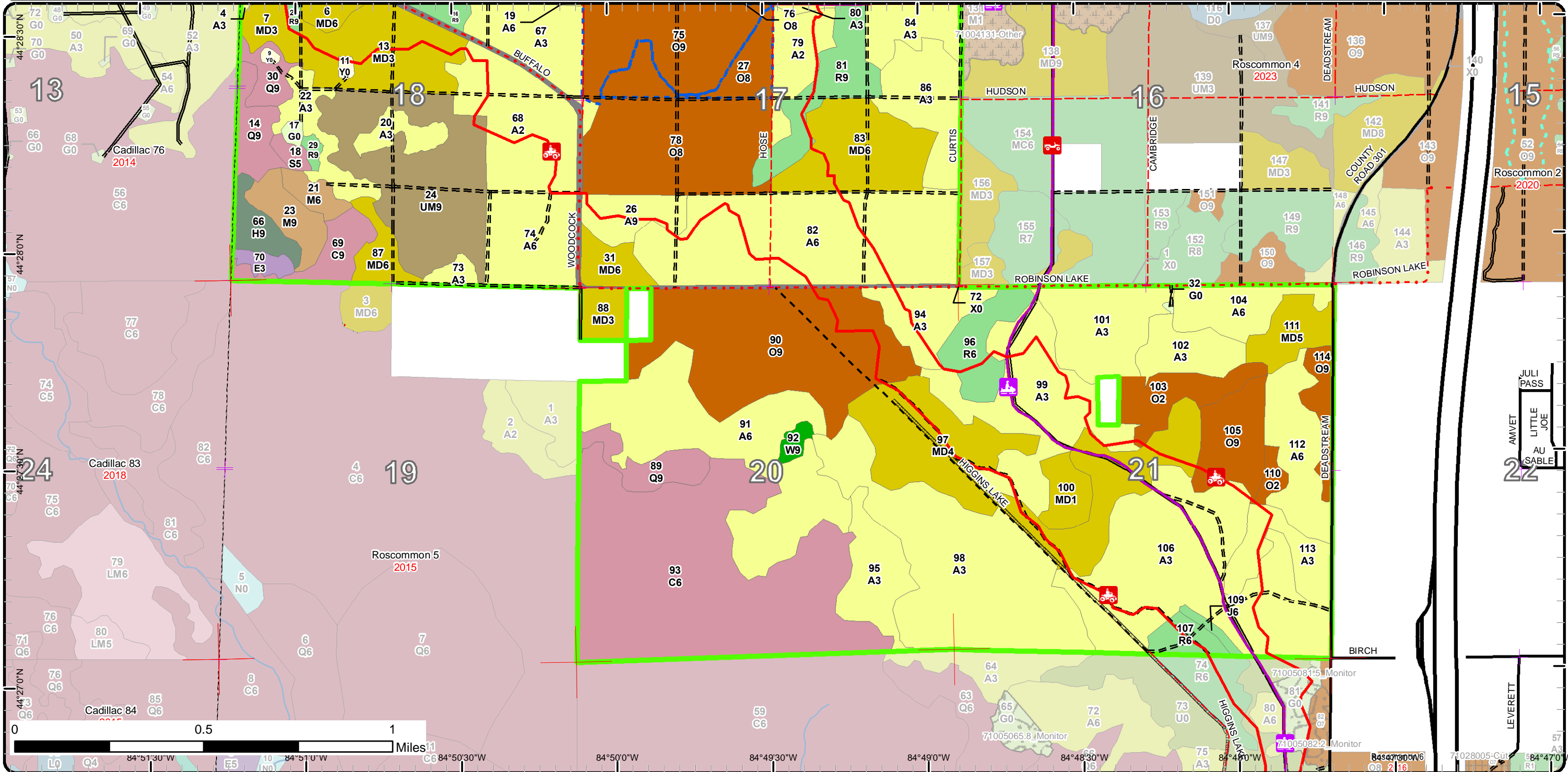


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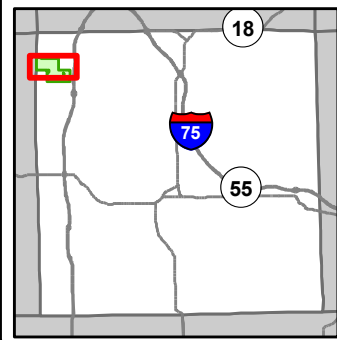


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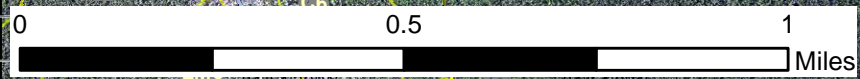
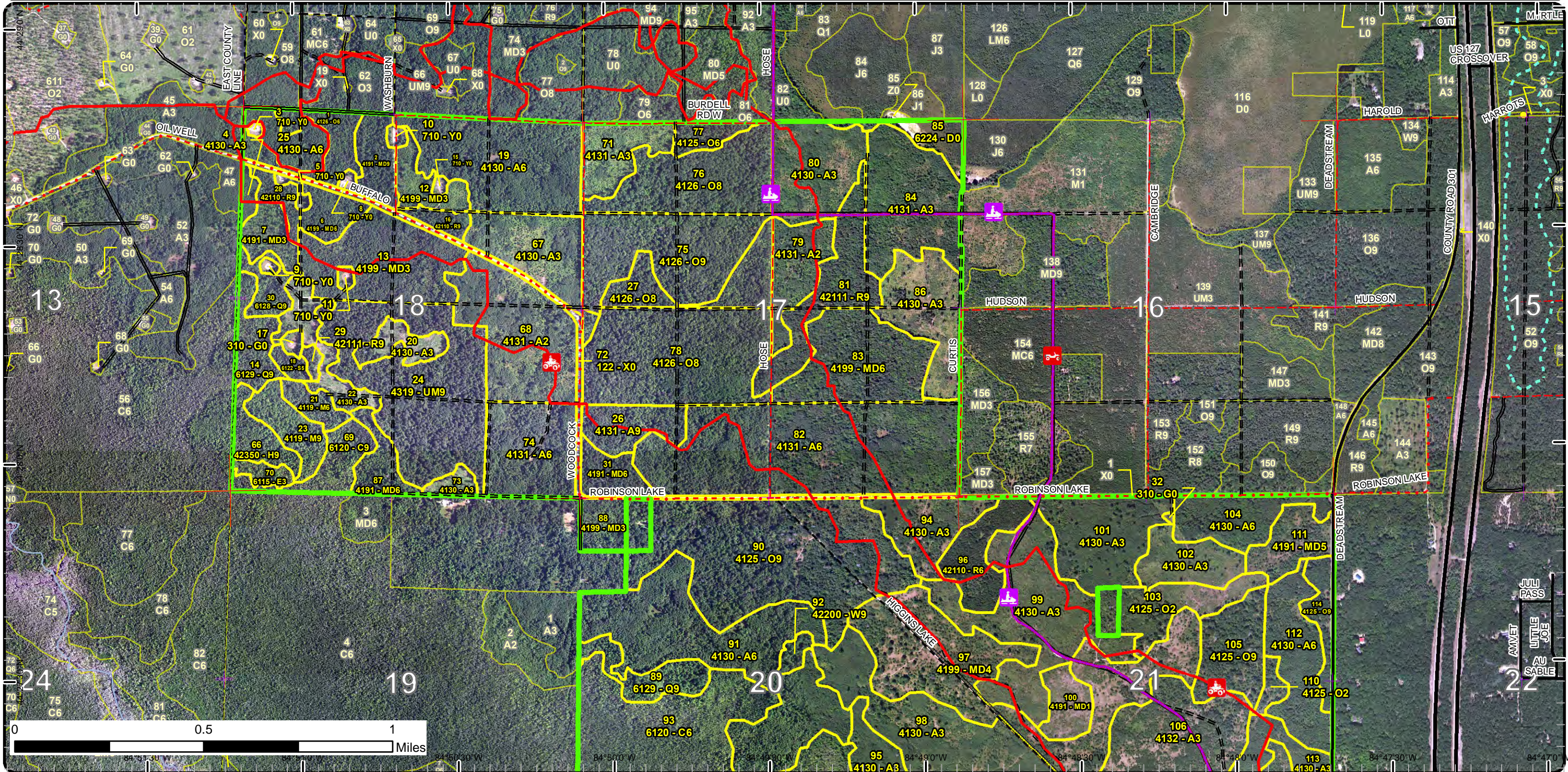


Stand Boundary Map

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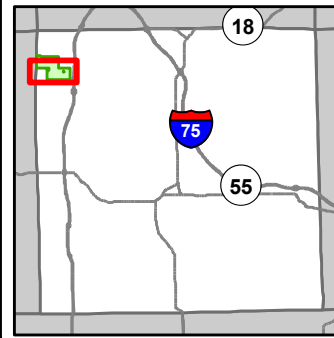
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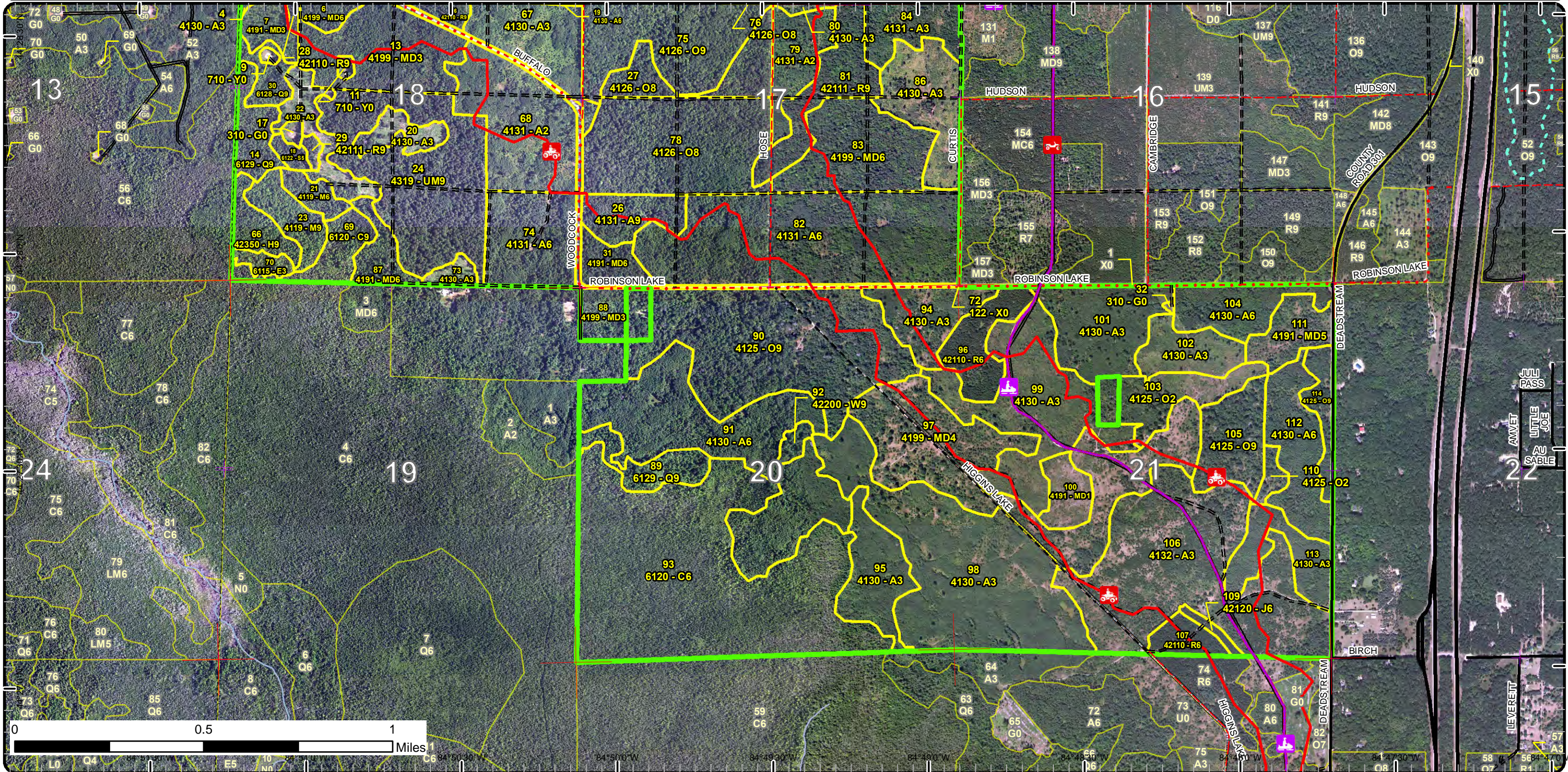
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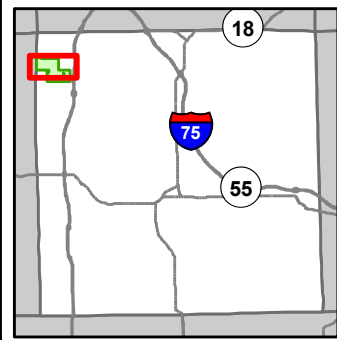


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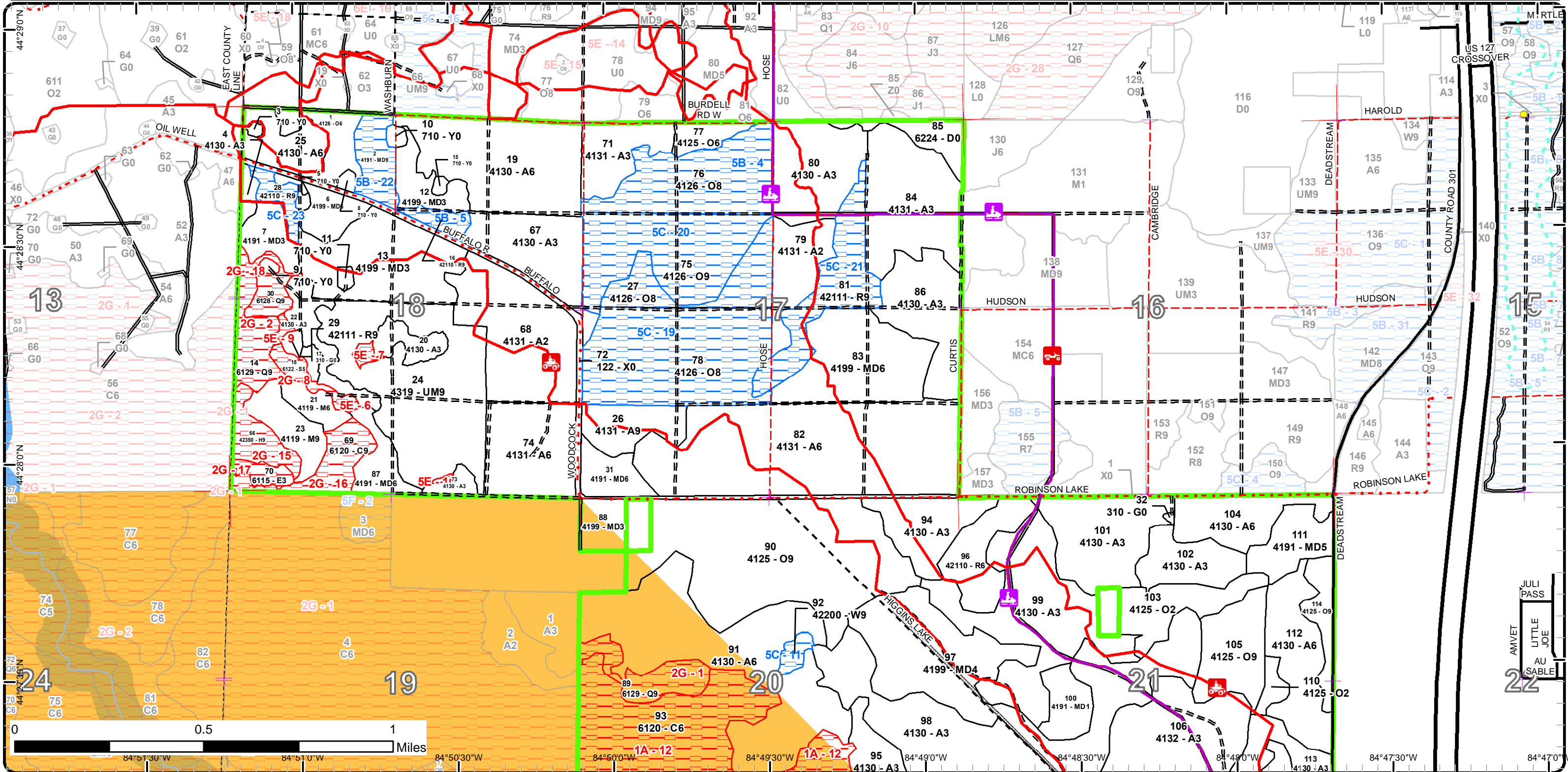


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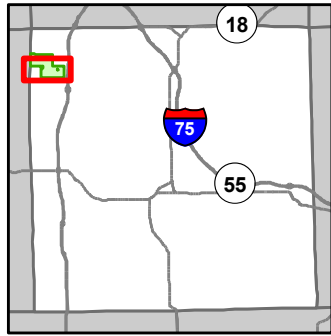


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- Compartment Boundary
- Available w/ Constraints
- Unavailable
- 2G: Too wet (sensitive soils, does not include access issues)
- 5E: Long-Term Retention
- Stand Boundaries
- Cold Water Streams
- Non-Dedicated Natural Areas and National Natural Landmarks
- High Priority Trout Stream Buffer
- 5B: Maintain for regeneration purposes
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- 1A: Federal/State/Local Law

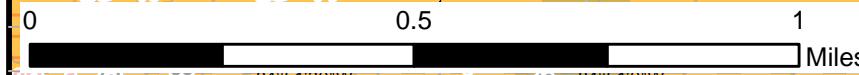
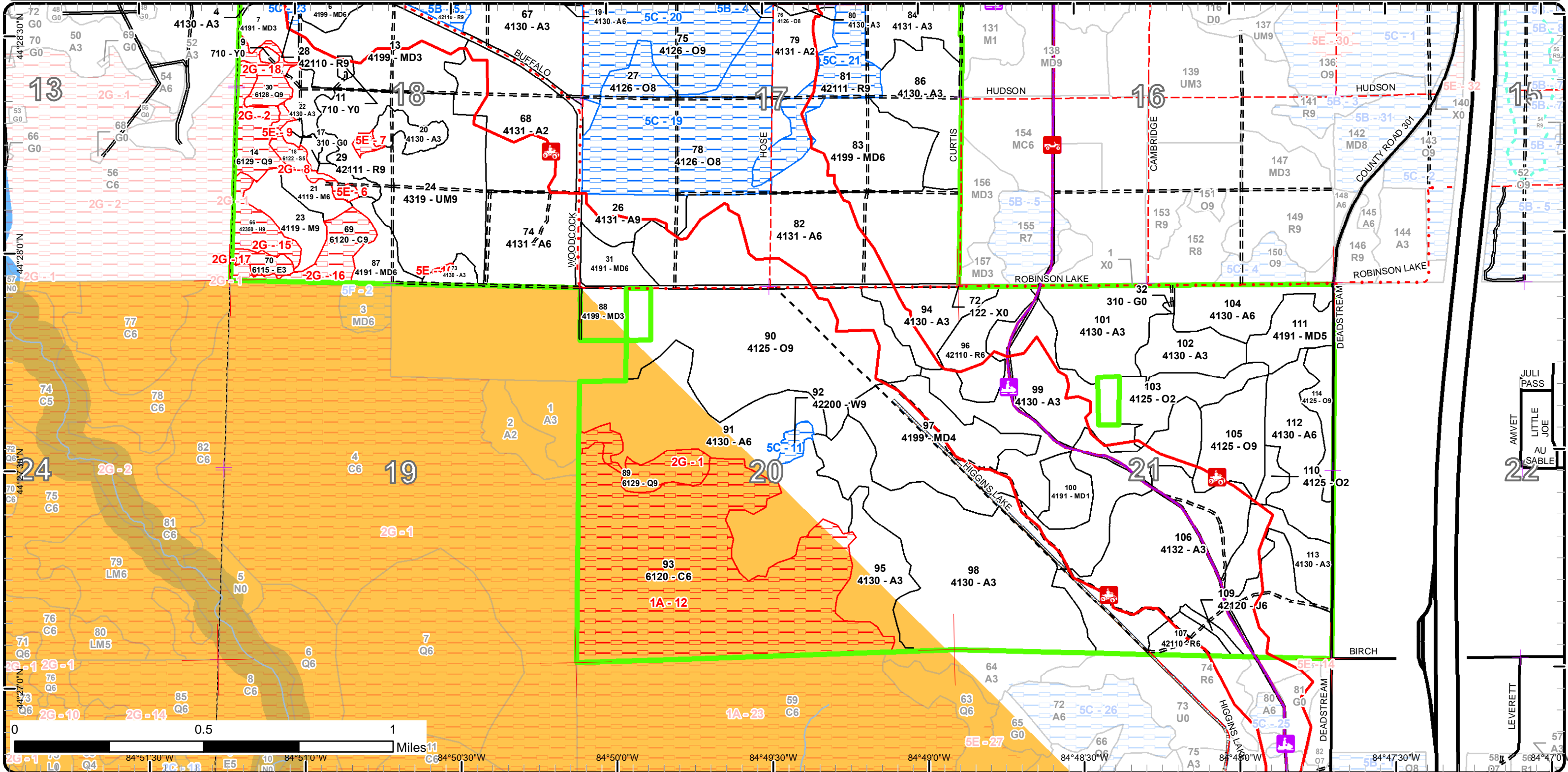


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Report 1 – Total Acres by Cover Type and Age Class

Roscommon Mgt. Unit
Jason Lewicki : Examiner

Compartment 3

Year of Entry 2022



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	185	344	362	283	19	0	0	0	0	0	0	0	0	0	0	0	0	1193
Cedar	0	0	0	0	0	0	0	0	0	0	0	0	195	17	0	0	0	0	212
Hemlock	0	0	0	0	0	0	0	0	0	0	0	0	0	13	0	0	0	0	13
Herbaceous Openland	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Jack Pine	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Lowland Conifers	0	0	0	0	0	0	0	0	0	0	0	17	0	25	0	0	0	0	42
Lowland Deciduous	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	5
Lowland Spruce/Fir	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	4
Mixed Upland Deciduous	0	26	23	62	19	119	13	0	0	0	15	0	49	0	0	0	0	0	324
Northern Hardwood	0	0	0	0	0	8	0	0	0	0	0	16	0	0	0	0	0	0	24
Oak	0	24	0	26	5	0	0	0	0	0	0	0	148	220	0	0	0	0	423
Red Pine	0	0	0	0	33	0	0	0	0	0	50	0	0	0	0	0	0	0	83
Sand, Soil	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
Treed Bog	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
Upland Mixed Forest	0	0	0	0	0	0	0	0	0	0	87	0	0	0	0	0	0	0	87
Urban	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19
White Pine	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	4
Total	43	235	367	450	343	151	13	4	0	0	152	33	396	275	0	0	0	0	2460



Report 2 – Treatment Summary

Roscommon Mgt. Unit
Year of Entry: 2022

Acres of Harvest

Compartment 3
Total Compartment Acres: 2,455

Commercial Harvest - 228
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	19	0	0	0	0	0	0	0	0	19
Mixed Upland Deciduous	49	0	0	0	0	0	0	0	0	49
Oak	160	0	0	0	0	0	0	0	0	160
Total	228	0	0	0	0	0	0	0	0	228

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Pruning	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	228	0	0	0	81	0	0	0	0	308
Next Step	0	0	0	0	81	0	228	0	0	308
Total	228	0	0	0	161	0	228	0	0	616



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:

26	71003026-Cut	18.6	4131 - Aspen, Oak	Sawtimber Well	48	81-110	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
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Prescription Clearcut stand and manage for Aspen. Orv trail runs through stand. Protect with appropriate specs. Apply drumming log and brush pile
Specs: specs to increase grouse habitat. Save some of the oak poletimber on the west side for retention. ORV trail runs through the stand. Protect with the appropriate specs.

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

Acceptable Aspen and mixed hardwoods at fully stocked levels.
Regen:

Other
Comment:

Site Condition

Proposed Start Date: 10/1 /2021

27	71003027-Burn	24.4	4126 - White, Black, N. Pin Oak	Sawtimber Medium	121	1-50	Burn	Understory	412 - Oak Types	Even-Aged	No
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Prescription RX burn stand in attempt to kill off red maple competition and encourage oak regeneration.
Specs:

Next Step Burn, Understory
Treatments:

Acceptable
Regen:

Other
Comment:

Site Condition Age-Class or Site Quality

Proposed Start Date: 10/1 /2021

75	71003075-Burn	56.2	4126 - White, Black, N. Pin Oak	Sawtimber Well	121	51-80	Burn	Understory	412 - Oak Types	Even-Aged	No
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Prescription RX burn stand in attempt to kill off red maple competition and encourage oak regeneration.
Specs:

Next Step Burn, Understory
Treatments:

Acceptable
Regen:

Other
Comment:

Site Condition Age-Class or Site Quality

Proposed Start Date: 10/1 /2021

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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
83 71003083-Cut	48.7	4199 - Other Mixed Upland Deciduous	Poletimber Well	116	81-110	Harvest	Clearcut with Retention	4139 - Aspen, Mixed Deciduous	Even-Aged	No
<p><u>Prescription Specs:</u> Clearcut stand with a 2" spec. Leave a island or two for retention. Leave all white oak over 12" for aesthetics, vertical structure and hard mast production. Use drumming log and brush pile specs to increase grouse habitat within the stand.</p> <p><u>Next Step Treatments:</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Acceptable Regen:</u> Aspen and mixed hardwoods at fully stocked levels.</p> <p><u>Other Comment:</u> ORV trail runs through the stand. Protect with the appropriate specs.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2021</p>										
90 71003090-Cut	119.2	4125 - Black, N. Pin Oak	Sawtimber Well	116	81-110	Harvest	Clearcut with Retention	4139 - Aspen, Mixed Deciduous	Even-Aged	No
<p><u>Prescription Specs:</u> Clearcut stand with a 2" spec. Stand should fill in to primarily Aspen with areas dominated by red maple or oak. Apply drumming log spec to increase grouse habitat. Mark healthy large crowned white oak to leave as mast source.</p> <p><u>Next Step Treatments:</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Acceptable Regen:</u> Aspen and mixed hardwoods at fully stocked levels.</p> <p><u>Other Comment:</u> ORV trail runs through the stand. Protect with the appropriate specs.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2021</p>										
105 71003105-Cut	28.4	4125 - Black, N. Pin Oak	Sawtimber Well	116	51-80	Harvest	Clearcut	4121 - Oak, Aspen	Uneven-Aged	No
<p><u>Prescription Specs:</u> Clearcut stand with a 4" spec on oak regeneration. Protect existing oak regeneration but expect damage. Stand should regenerate to a mix of Aspen and oak. Leave all healthy , large crowned white oak for mast production, vertical structure and mast production. Apply oak wilt cutting specs. ORV trail runs through the south end of the stand. Protect with appropriate specs.</p> <p><u>Next Step Treatments:</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Acceptable Regen:</u> Aspen and oak at fully stocked levels.</p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2021</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
114 71003114-Cut	12.7	4125 - Black, N. Pin Oak	Sawtimber Well	121	81-110	Harvest	Clearcut	4131 - Aspen, Oak	Even-Aged	No
<p><u>Prescription</u> Clearcut stand with a 2" spec. Leave large crowned white oaks for mast retention and aesthetics. Use drumming log specs for grouse habitat. Stand should regenerate to Aspen in most areas. Other areas should regenerate to a mix of oak and red maple.</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 and oak at fully stocked levels.</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 /2021</p>										

Total Treatment Acreage Proposed: **308.2**

Report 4 – Site Conditions

Roscommon Mgt. Unit
Jason Lewicki : Examiner

Compartment: 3
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	1A	2G	5E	
1192	1185	0	6	Aspen			0			6
211	0	0	211	Cedar			195	17		
13	0	0	13	Hemlock				13		
2	2	0	0	Herbaceous Openland						
3	3	0	0	Jack Pine						
42	0	0	42	Lowland Conifers			0	42		
5	0	0	5	Lowland Deciduous				5		
4	0	0	4	Lowland Spruce/Fir				4		
323	309	14	0	Mixed Upland Deciduous	14					
24	24	0	0	Northern Hardwood						
422	215	207	0	Oak	49	159				
83	35	48	0	Red Pine	6	42				
10	10	0	0	Sand, Soil						
11	11	0	0	Treed Bog						
87	87	0	0	Upland Mixed Forest						
19	19	0	0	Urban						
4	0	4	0	White Pine		4				
2,455	1,900	273	281	Total Forested Acres	69	204	195	80		6
	77%	11%	11%	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)	17	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Roscommon Mgt. Unit
Jason Lewicki : Examiner

Compartment: 3
Year of Entry: 2022

2	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	16	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
4	Available	5B: Maintain for regeneration purposes	49	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Available	5B: Maintain for regeneration purposes	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
6	Unavailable	5E: Long-Term Retention	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
7	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
8	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
9	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Roscommon Mgt. Unit
Jason Lewicki : Examiner

Compartment: 3
Year of Entry: 2022

10	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
11	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
12	Unavailable	1A: Federal/State/Local Law	195	3A: Conservation Values incompatible with harvest at this time	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified
Comments: SCA dead stream swamp							
15	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	13	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
16	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	17	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
17	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Roscommon Mgt. Unit
Jason Lewicki : Examiner

Compartment: 3
Year of Entry: 2022

18	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
19	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	102	5B: Maintain for regeneration purposes	Unspecified	Unspecified	Unspecified
Comments:							
20	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	56	5B: Maintain for regeneration purposes	Unspecified	Unspecified	Unspecified
Comments:							
21	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	35	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
22	Available	5B: Maintain for regeneration purposes	15	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
23	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	7	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	Non-Dedicated Natural Areas and National Natural Landmarks	This category is comprised of those Natural, Wilderness and Wild Areas that have been nominated or proposed for legal dedication, but for which legal dedication by legislature has not occurred. The nomination process is defined by Part 351, Wilderness and Natural Areas, of the Natural Resources and Environmental Protection Act, 1994 PA 451. The program is administered by the DNR. Nominations require the submittal of a Natural Areas Nomination Packet to the DNR. This is an active program, with proposed sites in various stages of review. Final dedication of nominated Natural, Wilderness and Wild Areas is accomplished through legislative action.
HCVA	Legally dedicated Natural Areas, Wilderness or Wild Areas	The nomination process is defined by Part 351, Wilderness and Natural Areas, of the Natural Resources and Environmental Protection Act, 1994 PA 451. The program is administered by the DNR. Nominations require the submittal of a Natural Areas Nomination Packet to the DNR. This is an active program, with proposed sites in various stages of review. Final dedication of nominated Natural, Wilderness and Wild Areas is accomplished through legislative action.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																								
1	4126 - White, Black, N. Pin Oak	Poletimber Well	18.0	25	1-50	N/A	An older age class of oak present in the 6-10" range probably left over from prior harvest.																																																								
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2	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	14.5	91	51-80	N/A	Red pine shelterwood treatment in the past. Stand has single stem oak and red maple regeneration that is 2-3". Some of that regeneration is making it into the canopy where red pine is less dense.																																																								
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6	4199 - Other Mixed Upland Deciduous	Poletimber Well	11.4	25	1-50	N/A	Oak, aspen and maple stand with some scattered sawtimber red pine scattered about.																																																								
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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7 4191 - Mixed Upland Deciduous with Conifer Sapling Well 11.8 11 1-50 N/A

Canopy Species	% Cover	Size Class	DBH	Age
Red Pine	25	Log	14	
Bigtooth Aspen	10	Sapling	1	
Red Maple	38	Sapling	1	11
Black/Red (Hybrid) Oak	25	Sapling	1	11
Pin Cherry	2	Sapling	1	

8 710 - Sand, Soil Nonstocked 1.4 Unspecified Oil producing well.

9 710 - Sand, Soil Nonstocked 1.1 Unspecified Oil producing well.

10 710 - Sand, Soil Nonstocked 1.8 Unspecified No Oil producing well.

11 710 - Sand, Soil Nonstocked 1.5 Unspecified No Oil/gas well pad.

12 4199 - Other Mixed Upland Deciduous Sapling Well 12.8 9 Immature N/A Stand was planted to red pine after harvest. Red pine is now overtopped by hardwoods.

Canopy Species	% Cover	Size Class	DBH	Age
Pin Cherry	20	Sapling	1	9
Red Maple	28	Sapling	1	
Black/Red (Hybrid) Oak	40	Sapling	1	9
White Oak	5	Log	14	
White Oak	5	Sapling	1	
Quaking Aspen	2	Sapling	1	

Sub-Canopy Species	Density	Avg. Height	Size
Red Pine	Low	< 5 feet	Sapling

13 4199 - Other Mixed Upland Deciduous Sapling Well 50.1 25 Immature N/A Stand is primarily a oak/aspen stand with some maple and cherry mixed in. Some areas have jack pine as well. Scattered red pine and oak sawtimber.

Canopy Species	% Cover	Size Class	DBH	Age
Quaking Aspen	25	Sapling/Pole	3	25
Bigtooth Aspen	5	Sapling/Pole	3	
Black/Red (Hybrid) Oak	40	Sapling/Pole	3	25
Jack Pine	5	Sapling/Pole	3	
Black Cherry	5	Sapling	2	
Red Maple	15	Sapling/Pole	3	
White Oak	5	Sapling/Pole	3	

Sub-Canopy Species	Density	Avg. Height	Size
Black Cherry	Medium	< 5 feet	Sapling
Hawthorn (spp.)	Low	5 - 10 feet	Tall Shrub
Black/Red (Hybrid) Oak	Low	< 5 feet	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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14 6129 - Mixed Coniferous Lowland Forest Sawtimber Well 15.6 120 111-140 N/A Nice hemlock stand. A few big oaks mixed in on north end. South end is heavier to cedar. Heavy deer winter use.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	10	Log/Pole	11		Red Maple	Low	5 - 10 feet	Sapling
Black/Red (Hybrid) Oak	1	Log	14		Balsam Fir	Low	Variable	Sapling
Northern White Cedar	5	Pole	6		White Pine	Low	Variable	Pole
White Pine	10	Log	16					
Hemlock	74	Log/Pole	12	120				

15 710 - Sand, Soil Nonstocked 1.1 Unspecified No Oil/gas well pad.

16 42110 - Planted Red Pine Sawtimber Well 5.7 91 81-110 N/A Old notes indicate that the red pine was planted(90 years ago). Cored at 80 years. Stand was treated in the past. Maple and oak understory is pushing through in more open areas and becoming part of the canopy.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Oak	2	Sapling/Pole	3		Red Maple	High	10 - 20 feet	Sapling
Black/Red (Hybrid) Oak	3	Sapling/Pole	3		White Oak	Low	10 - 20 feet	Sapling
White Pine	3	Pole	6		Black/Red (Hybrid) Oak	Low	10 - 20 feet	Sapling
Red Pine	85	Log	14	91				
Red Maple	5	Sapling/Pole	4					
Bigtooth Aspen	2	Sapling/Pole	4					

17 310 - Herbaceous Openland Nonstocked 2.0 Unspecified No Oil well plugged 1995 and approved.

18 6122 - Black Spruce Poletimber Medium 3.8 65 51-80 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	60	Pole	8	65	Balsam Fir	Low	Variable	Sapling
Tamarack	15	Pole/Log	9		Black Spruce	Low	Variable	Sapling
White Pine	25	Pole/Log	8					

19 4130 - Aspen Poletimber Well 63.0 33 51-80 N/A Primarily an Aspen stand with some oak mixed. Scattered oak and pine in an older age class left over from previous harvest. More oak component on sw side.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	10	Pole/Sapling	5		Red Maple	Low	5 - 10 feet	Sapling
White Oak	2	Sapling/Pole	4		White Oak	Low	5 - 10 feet	Sapling
Quaking Aspen	20	Pole/Sapling	5		Black Cherry	Low	< 5 feet	Sapling
Bigtooth Aspen	47	Pole	5	33	Witch Hazel	Low	5 - 10 feet	Tall Shrub
Black/Red (Hybrid) Oak	15	Pole/Log	8					
White Pine	2	Pole/Log	9					
Red Pine	2	Log	12					
Pin Cherry	2	Sapling/Pole	4					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																															
20	4130 - Aspen	Sapling Well	10.6	5	Immature	N/A	Stand final harvest in the spring 2016.																																																															
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21	4119 - Mixed Northern Hardwoods	Poletimber Well	8.1	46	51-80	N/A	Mixed lowland forest dominated by poletimber. Possibly habitat cut in the 70s.																																																															
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22	4130 - Aspen	Sapling Well	18.1	5	Immature	N/A	Stand final harvested in the spring of 2016.																																																															
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23	4119 - Mixed Northern Hardwoods	Sawtimber Well	15.9	102	81-110	N/A	Hummocky ground red maple stand with some scattered oak and a few rotten Aspen. Areas of poletimber maple.																																																															
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24	4319 - Mixed Upland Forest	Sawtimber Well	87.1	93	81-110	N/A	Stand was thinned / shelterwood cut in 1995. Since then hardwood understory has completely filled in. Some hardwoods make it to the canopy where red pine densities are lower. Areas where some hardwoods have become merchantable. Higher BA of red pine found generally on northern end.																																																															
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26	4131 - Aspen, Oak	Sawtimber Well	18.6	48	81-110	N/A	Mixed stand of older Aspen and red pine. Scattered sawtimber oak along with a poletimber ageclass throughout. Aspen is in heavy decline.																																																
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27	4126 - White, Black, N. Pin Oak	Sawtimber Medium	24.4	121	1-50	N/A	Shelterwood cut in Fall 2017 leaving oak/red pine and some scattered aspen and white pine.																																																
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28	42110 - Planted Red Pine	Sawtimber Well	6.9	93	111-140	N/A	Red pine stand that was thinned in 1995. Heavy red maple understory some of which makes it into the canopy.																																																
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29	42111 - Planted Red Pine, Mixed Deciduous	Sawtimber Well	2.2	93	81-110	N/A	Small stand of red pine with some Aspen and red maple mixed in.																																																
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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30 6128 - Lowland Coniferous, Mixed Deciduous Sawtimber Well 9.6 120 81-110 N/A Some upland areas on north and west end.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	20	Pole/Log	8	
Paper Birch	5	Pole/Sapling	5	
Balsam Fir	5	Pole	6	
White Pine	35	Log	16	120
Hemlock	5	Log	14	
Black Spruce	30	Pole	6	

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Low	5 - 10 feet	Sapling
Balsam Fir	Low	Variable	Sapling
White Pine	Medium	Variable	Pole

31 4191 - Mixed Upland Deciduous with Conifer Poletimber Well 12.6 48 51-80 N/A Primarily an oak poletimber stand with some older red pine scattered about. Small pocket of bigtooth on sw corner.

Canopy Species	% Cover	Size Class	DBH	Age
Black/Red (Hybrid) Oak	55	Pole/Log	8	48
Red Pine	25	Log	14	93
Red Maple	10	Pole	6	
Quaking Aspen	10	Pole	8	

Sub-Canopy Species	Density	Avg. Height	Size
Hawthorn (spp.)	Medium	5 - 10 feet	Tall Shrub
Red Maple	Low	5 - 10 feet	Sapling
Black/Red (Hybrid) Oak	Low	5 - 10 feet	Sapling

32 310 - Herbaceous Openland Nonstocked 0.4 0 Unspecified No Well plugged in 1955 and approved.

66 42350 - Upland Hemlock Sawtimber Well 12.6 120 111-140 N/A Nice hemlock stand with some white pine and red maple. Heavy winter deer use. little understory.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	15	Pole/Log	8	
Paper Birch	2	Pole	6	
Northern White Cedar	3	Pole/Log	8	
White Pine	15	XLog/Log	18	
Hemlock	65	Log/Pole	12	120

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Low	5 - 10 feet	Sapling
Balsam Fir	Trace	Variable	Sapling

67 4130 - Aspen Sapling Well 34.2 16 Immature N/A Clear-cut in 2006. Most areas are regenerating well to Aspen with some maple and oak. An area in the center of the stand is lower stocked and is dominated by cherry and maple.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	20	Sapling	1	16
Bigtooth Aspen	58	Sapling	1	16
Black/Red (Hybrid) Oak	10	Sapling	1	16
Pin Cherry	10	Sapling	1	16
Quaking Aspen	2	Sapling	1	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																							
68	4131 - Aspen, Oak	Sapling Medium	56.8	16	Immature	N/A	Mixed Aspen stand with some oak. More oak regeneration on the east side. Scattered sawtimber white oak with a pocket on the NE side.																																																							
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69	6120 - Lowland Cedar	Sawtimber Well	16.7	120	81-110	N/A	Some hemlock on higher ground fringe areas																																																							
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70	6115 - Lowland Ash	Sapling Well	5.0	46	1-50	N/A	Probably habitat cut in the 70's																																																							
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71	4131 - Aspen, Oak	Sapling Well	21.2	9	Immature	N/A	Old notes indicate that this stand was drenched and planted to red pine. Very little red pine remain. Stand is filling in well to Aspen and oak.																																																							
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72	122 - Road/Parking Lot	Nonstocked	18.7			No	Road																																																							



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
73	4130 - Aspen	Sapling Well	4.9	5	Immature	N/A	Small Aspen stand that was harvested in 2016. Some scattered sawtimber red pine and poletimber red maple and birch left from before harvest.		
Canopy Species		% Cover	Size Class	DBH	Age				
Bigtooth Aspen		55	Sapling	1	5				
Red Maple		5	Sapling/Pole	3					
Black/Red (Hybrid) Oak		2	Sapling	1					
Paper Birch		3	Pole	5					
Red Pine		5	Log	14					
Quaking Aspen		30	Sapling	1					
74	4131 - Aspen, Oak	Poletimber Well	38.2	35	1-50	N/A	Mixed Aspen and oak stand. Some oak in an older age class(8-10"). Probably left from harvest.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen		53	Pole/Sapling	5	35	Red Maple	Low	5 - 10 feet	Sapling
Bigtooth Aspen		20	Pole/Sapling	5		Black/Red (Hybrid) Oak	Low	< 5 feet	Sapling
Black/Red (Hybrid) Oak		20	Pole/Sapling	5		Pin Cherry	Low	5 - 10 feet	Sapling
Jack Pine		2	Sapling/Pole	4		Hawthorn (spp.)	Medium	< 5 feet	Tall Shrub
Pin Cherry		5	Sapling/Pole	3					
75	4126 - White, Black, N. Pin Oak	Sawtimber Well	56.2	121	51-80	N/A	Stand was thinned to 70-80 in Fall 2017. Stand is about an even mix of white oak and good quality black/red oak. Good amounts of red maple regen filling harvest. There is also a lot of white oak saplings present. Most of which are less than 3' high. Red maple saplings are being heavily browsed by deer.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Oak		40	Log/Pole	12		Red Maple	Medium	Variable	Sapling
Black/Red (Hybrid) Oak		53	Log	12	121	White Oak	Medium	< 5 feet	Sapling
White Pine		2	Log/Pole	10		Pin Cherry	Low	Variable	Sapling
Red Maple		3	Pole/Log	8					
Bigtooth Aspen		2	Log	12					
76	4126 - White, Black, N. Pin Oak	Sawtimber Medium	48.8	121	81-110	N/A	Fair quality mixed oak stand with a good percentage of that being nice formed white oak. Stand was thinned in 1993. Subcanopy is heavy with red maple saplings.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Oak		35	Log	12	121	Red Maple	Full	10 - 20 feet	Sapling
Black/Red (Hybrid) Oak		60	Log	14	121	White Oak	Low	< 5 feet	Sapling
White Pine		2	Pole/Log	8		Hawthorn (spp.)	Trace	< 5 feet	Tall Shrub
Red Pine		3	Log	12					
77	4125 - Black, N. Pin Oak	Poletimber Well	8.1	28	51-80	N/A	Older age class of red pine and oak with younger oak and maple from previous harvest making into the canopy. Younger age class is entering poletimber size.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple		10	Pole/Log/Sap	6	28	White Oak	Low	< 5 feet	Sapling
White Oak		10	Pole/Log/Sap	6	28	Black/Red (Hybrid) Oak	Low	< 5 feet	Sapling
Black/Red (Hybrid) Oak		58	Pole/Log/Sap	6	28	Red Maple	Medium	5 - 10 feet	Sapling
Red Pine		20	Log	12	91				
Bigtooth Aspen		2	Pole	5					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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78	4126 - White, Black, N. Pin Oak	Sawtimber Medium	77.9	121	1-50	N/A	Shelterwood cut in Fall 2017 leaving oak/red pine and some scattered aspen and white pine.
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Canopy Species	% Cover	Size Class	DBH	Age
White Oak	25	Log	14	
Bigtooth Aspen	3	Log	12	
Black/Red (Hybrid) Oak	64	Log	14	121
Red Pine	5	Log	12	
White Pine	3	Log	12	

Sub-Canopy Species	Density	Avg. Height	Size
White Oak	Low	< 5 feet	Sapling
Black/Red (Hybrid) Oak	Low	< 5 feet	Sapling
Red Maple	High	5 - 10 feet	Sapling
Bigtooth Aspen	Low	5 - 10 feet	Sapling

79	4131 - Aspen, Oak	Sapling Medium	22.5	17		N/A	Same timber sale as the stand to the north. This piece had some scattered retention left in it and has more aspen.
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Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	5	Sapling	1	17
White Oak	5	Sapling	1	17
White Oak	10	Log	12	
Quaking Aspen	5	Sapling	1	17
Bigtooth Aspen	45	Sapling	2	17
Black/Red (Hybrid) Oak	5	Log	12	
Black/Red (Hybrid) Oak	15	Sapling	2	17
Black Cherry	10	Sapling	1	17

80	4130 - Aspen	Sapling Well	36.8	17	Immature	N/A	
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Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	10	Sapling	2	17
Quaking Aspen	15	Sapling	1	17
Bigtooth Aspen	63	Sapling	2	17
Black/Red (Hybrid) Oak	8	Sapling	1	17
Pin Cherry	2	Sapling	1	17
White Oak	2	Sapling	1	

Sub-Canopy Species	Density	Avg. Height	Size
White Oak	Low	< 5 feet	Sapling
Red Maple	Low	< 5 feet	Sapling

81	42111 - Planted Red Pine, Mixed Deciduous	Sawtimber Well	34.9	91	81-110	N/A	Records indicate that it was planted in 1930 to a mx of RP, JP, and WP, but doesn't have plantation characteristics and functions more as a natural stand. Most of the surrounding stands also have pines that were planted, but became dominated by deciduous spp. Jack pine likely removed in the 70's along with choppers choice of maple and oak. Has a pocket dominated by white pine in the north end. Some high risk oak present throughout. ORV trail present through central part of stand. Thinned Fall 2017.
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Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	5	Log/Pole	10	
Quaking Aspen	5	Log/Pole	10	
Black/Red (Hybrid) Oak	18	Log	14	
White Pine	2	Log/Pole	12	
Red Pine	68	Log	14	91

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	High	Variable	Sapling
Quaking Aspen	Low	5 - 10 feet	Sapling
Black/Red (Hybrid) Oak	Low	5 - 10 feet	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																														
82	4131 - Aspen, Oak	Poletimber Well	124.7	27	Immature	N/A	Overstory removal completed in 1994. Leaving stems less than 4" dbh of oak, aspen, and maple. Scattered pockets of 6-8" dbh of these spp. now. More cherry, maple and jack pine to the northwest. More bigtooth aspen to the east.																																																														
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83	4199 - Other Mixed Upland Deciduous	Poletimber Well	48.7	116	81-110	N/A	Two-aged stand of older oak above maple and Aspen. Black oak is over mature and in decline. Aspen is found scattered and in patches throughout the stand. Heavier amounts on eastern side. Stand appears to have been treated in the past perhaps in the mid 70s where the maple and Aspen were removed. Some nice, large crowned white oaks present.																																																														
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84	4131 - Aspen, Oak	Sapling Well	50.8	29	1-50	N/A	Has some sparse jack pine to the east.																																																														
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85	6224 - Treed Bog	Nonstocked	11.5			No	Leather leaf bog with white pine and jack pine saplings.																																																														
86	4130 - Aspen	Sapling Well	36.1	9	Immature	N/A	Stand was drenched and planted after harvest. Red pine is over-topped by aspen and oak. Retention island of mature red pine.																																																														
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87	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	12.5	55	51-80	N/A	Supercanopy red pine and white pine above red maple and aspen in the southern end. North end has higher conifer component. West edge is wetter.																																																					
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89	6129 - Mixed Coniferous Lowland Forest	Sawtimber Well	16.7	108	111-140	N/A	Hemlock stand found along edge of Dead Stream Swamp. Red maple and a few quaking aspen and white birch, Some large and impressive white pine mixed in and on the edge. No understory.																																																					
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90	4125 - Black, N. Pin Oak	Sawtimber Well	119.2	116	81-110	N/A	Large, old oak stand mixed with a few age classes of Aspen. Some scattered large crowned white oak present. Black oak is in heavy decline. Some Aspen is showing signs of decline as well.																																																					
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91	4130 - Aspen	Poletimber Well	106.2	37	51-80	N/A	Quaking aspen poletimber stand with some red maple and a few oaks mixed in. Areas of heavy hawthorne. Scattered sawtimber size oak along with some oak stump sprouts from last harvest. Old railroad runs through the stand.																																																					
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
92	42200 - Natural White Pine	Sawtimber Well	3.9	111	81-110	N/A	Small stand of large white and red pine mixed with red maple.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Red Maple		16	Pole	8		Red Maple	
Quaking Aspen		2	Pole	8		Medium	
Black/Red (Hybrid) Oak		2	Pole/Log	8		5 - 10 feet	
White Pine		75	XLog/Log	18	111	Sapling	
Red Pine		5	Log	14			
93	6120 - Lowland Cedar	Poletimber Well	194.6	111	141-170	N/A	East edge of Dead Stream Swamp. Some white pine and hemlock on outside edges where drier and higher. Ares within have more black spruce. Good winter deer use but it seems limited to the exterior perimeter and not far interior. Old fire evidence found in some areas of interior. SCA as potential "old growth".
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Paper Birch		2	Pole	6		Balsam Fir	
Black Spruce		10	Pole/Log	8		Low	
Northern White Cedar		88	Pole	8	111	< 5 feet	
						Sapling	
						Tag Alder	
						Medium	
						5 - 10 feet	
						Tall Shrub	
94	4130 - Aspen	Sapling Well	25.3	17		N/A	Seed tree harvest in 2004. Scattered old supercanopy oaks.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Red Maple		8	Sapling	1	17	Red Maple	
Quaking Aspen		75	Sapling	1	17	Medium	
Black/Red (Hybrid) Oak		5	Log	10		5 - 10 feet	
Black/Red (Hybrid) Oak		10	Sapling	1	17	Sapling	
Pin Cherry		2	Sapling	1	17	Tall Shrub	
95	4130 - Aspen	Sapling Well	29.2	25	1-50	N/A	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Quaking Aspen		94	Sapling/Pole	3	25	Red Maple	
Black/Red (Hybrid) Oak		2	Sapling	3	25	Medium	
Balsam Fir		2	Sapling/Pole	4		5 - 10 feet	
Bigtooth Aspen		2	Sapling/Pole	4		Sapling	
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						Low	
						< 5 feet	
						Tall Shrub	
						Pin Cherry	
						Medium	
						< 5 feet	
						Sapling	
96	42110 - Planted Red Pine	Poletimber Well	23.0	36	51-80	N/A	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Red Pine		100	Pole/Log	8	36	Hawthorn (spp.)	
						Low	
						< 5 feet	
						Tall Shrub	
						Pin Cherry	
						Low	
						< 5 feet	
						Sapling	
						Black/Red (Hybrid) Oak	
						Low	
						5 - 10 feet	
						Sapling	
97	4199 - Other Mixed Upland Deciduous	Poletimber Poor	106.1	46	1-50	N/A	Somewhat open scrub cherry large scattered oak and some Aspen clones.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Pin Cherry		65	Pole/Sapling	5	46	Black/Red (Hybrid) Oak	
Black/Red (Hybrid) Oak		15	Log	14		Low	
Quaking Aspen		15	Pole/Sapling	5		5 - 10 feet	
Jack Pine		5	Pole/Sapling	5		Sapling	
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98	4130 - Aspen	Sapling Well	123.5	17	Immature	N/A																																			
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101	4130 - Aspen	Sapling Well	41.2	18	Immature	N/A	Aspen stand with some scattered mature oak left after harvest.																																		
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																						
103	4125 - Black, N. Pin Oak	Sapling Medium	23.6	8	Immature	N/A	Stand was drenched and planted to Jack pine but much of the area has naturally regenerated to oak and hardwoods. Cut spring of 2013 by Chris Muma F.P. 71-026-12-01.																																																						
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104	4130 - Aspen	Poletimber Well	26.1	38	51-80	N/A	Mixed Aspen stand. Consider harvesting next entry. More bigtooth on the east end.																																																						
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105	4125 - Black, N. Pin Oak	Sawtimber Well	28.4	116	51-80	N/A	Low quality old black oak with some quaking aspen mixed in. Oak is over mature and in heavy decline. Scattered white oak in good health. Heavy brush understory made up of hawthorn, cherry and witch hazel. A few areas of oak regen.																																																						
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106	4132 - Aspen, Jack Pine	Sapling Well	132.7	26	1-50	N/A	Stand is a mix of aspen, oak jack pine, cherry and hawthorne. Jack pine appears to have been seeded.																																																						
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107	42110 - Planted Red Pine	Poletimber Well	10.2	36	111-140	N/A	Red pine plantation.																																																						
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109	42120 - Planted Jack Pine	Poletimber Well	3.0	36	81-110	N/A	Narrow strip of jack pine plantation.																																																						
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110	4125 - Black, N. Pin Oak	Sapling Medium	4.7	38	1-50	N/A	Somewhat open stand of cherry and oak brush. some scattered log size oak.																																																		
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111	4191 - Mixed Upland Deciduous with Conifer	Poletimber Medium	18.6	38	1-50	N/A	Semi open stand with low quality cherry and oak mixed with jack pine.																																																		
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112	4130 - Aspen	Poletimber Well	35.7	38	1-50	N/A	There is a 3 acre stand of almost pure bigtooth aspen on the north west end of the stand.																																																		
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