



Compartment Review Presentation

Roscommon Forest Management Unit

Compartment 71049

Entry Year 2019

Acreage: 2,108

County Roscommon

Management Area: High Sand Plains

Stand Examiner: Ryan Adamczyk

Legal Description:

Identified Planning Goals:

Soil and topography:

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

Unique Natural Features:

Archeological, Historical, and Cultural Features:

Special Management Designations or Considerations:

Watershed and Fisheries Considerations:

Wildlife Habitat Considerations:

Mineral Resource and Development Concerns and/or Restrictions

Vehicle Access:

Survey Needs:

Recreational Facilities and Opportunities:

Fire Protection:

Additional Compartment Information:

The following reports from the Inventory are attached:

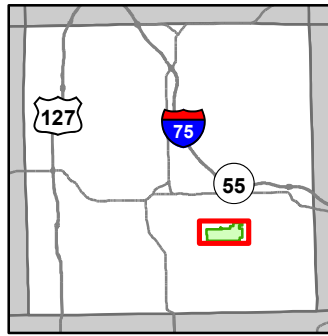
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

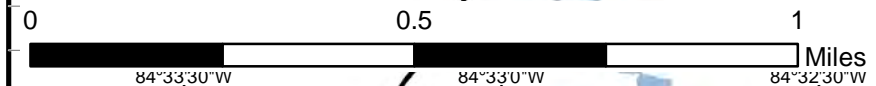
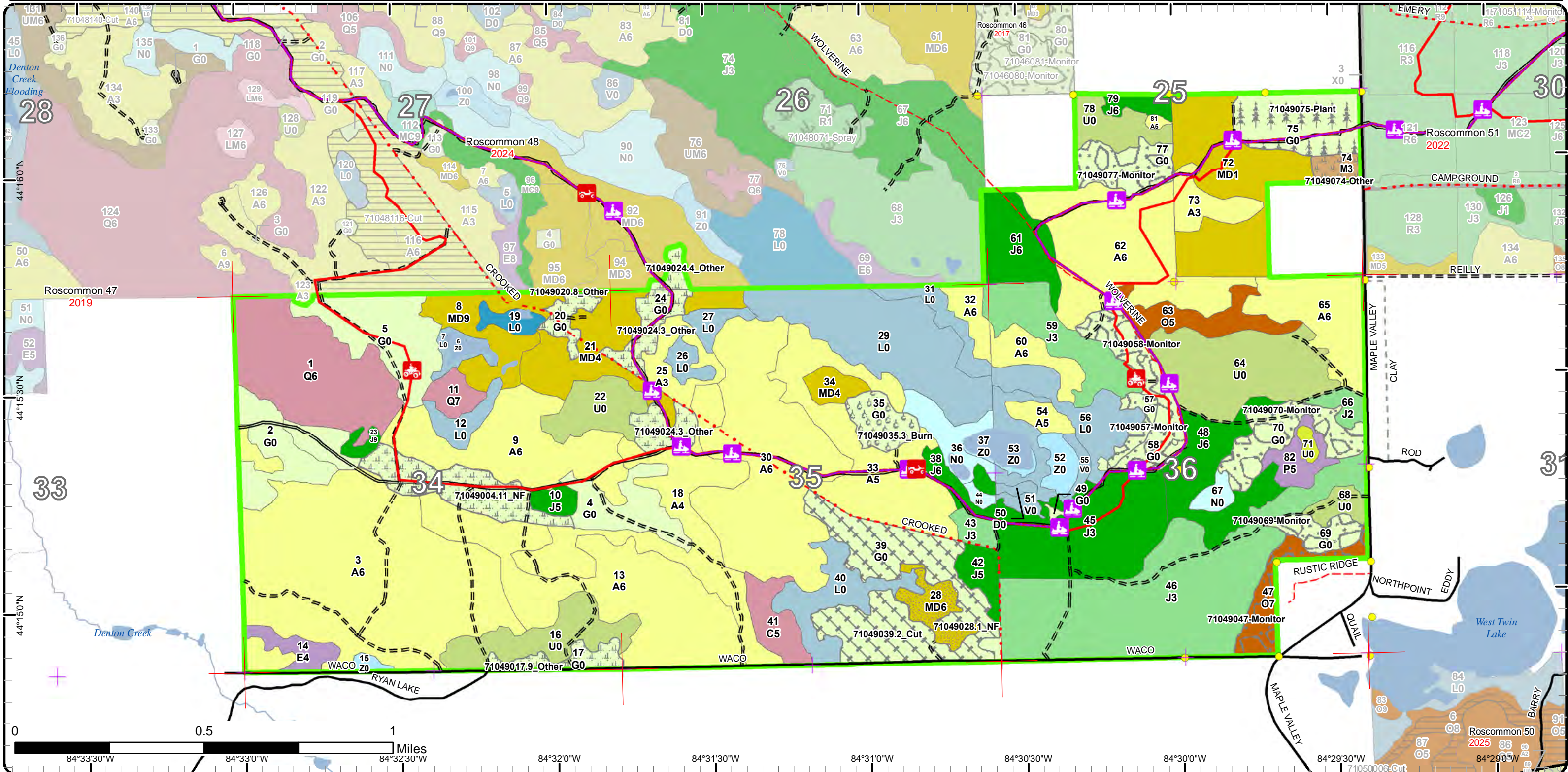
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

Compartment: 49
 T22N, R02W, Sec. 25, 34-36
 County: Roscommon
 Unit: Roscommon
 Mgmt Area: High Sand Plains
 YOE: 2019
 Acres: 2108 GIS Calculated
 Examiner: Ryan Adamczyk
 Map Revised: 10/11/2023
 Map Phase: Post-Review



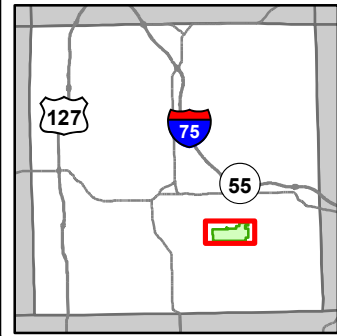
- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- 🚙 ORV Trails
- 🚙 ORV Routes
- 🚙 Snowmobile Trails
- Designated ATV
- Designated ORV Route
- Designated Snowmobile Trails
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Compartment Boundary
- Other Treatment - See Comments
- Planting (Tree Species)
- Salvage
- Prescribed Burn
- Regeneration Survey
- Mowing
- 411 - Northern Hardwood
- 412 - Oak Types
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 310 - Herbaceous Openland
- 320 - Upland Shrub
- 330 - Low Density Trees
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland
- 629 - Mixed Non-forested Wetland



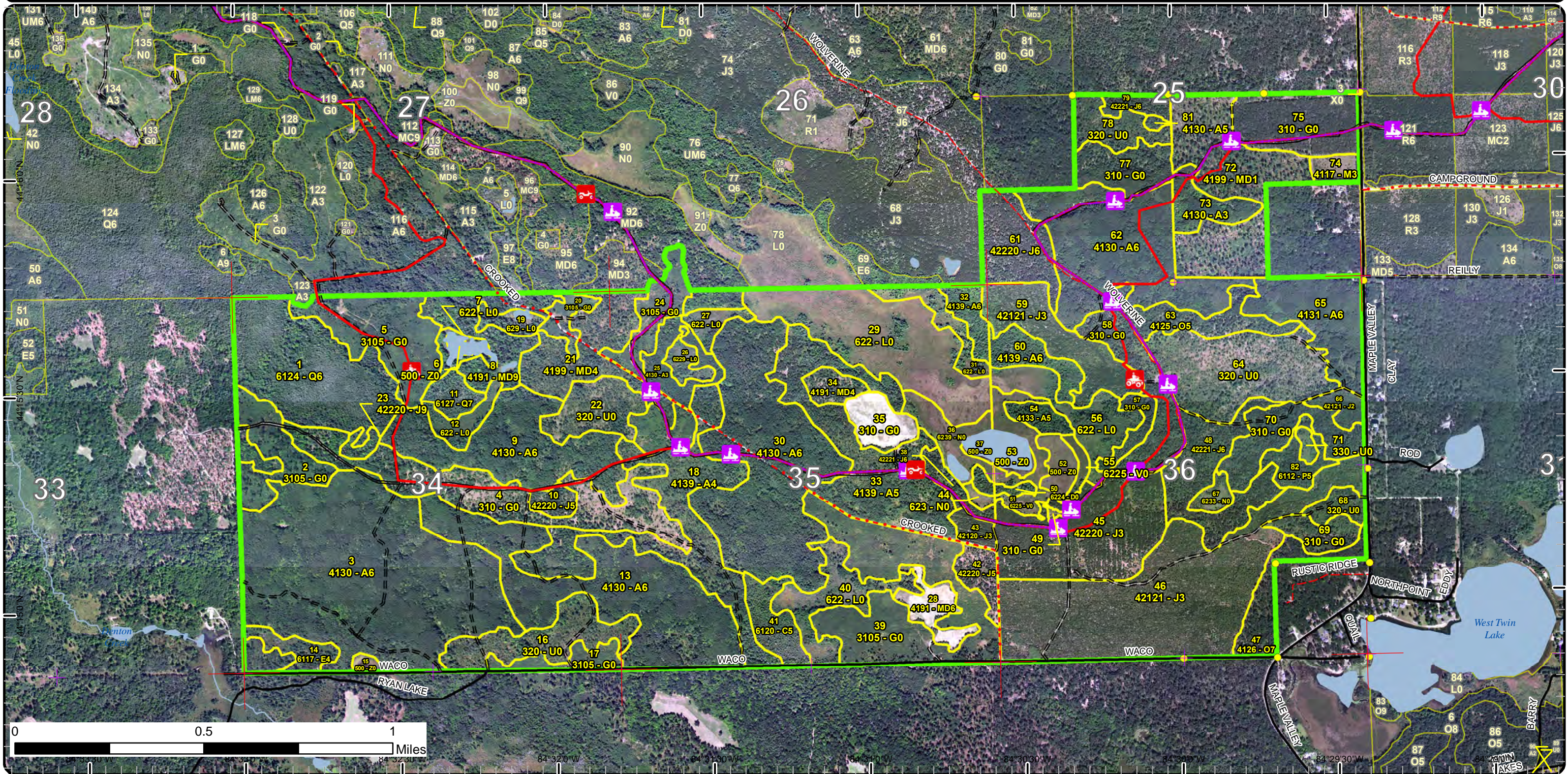
84°33'30"W 84°33'0"W 84°32'0"W 84°31'30"W 84°31'0"W 84°30'30"W 84°30'0"W 84°29'30"W 84°29'0"W

Stand Boundary Map

Compartment: 49
 T22N, R02W, Sec. 25, 34-36
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 Map Revised: 10/11/2023
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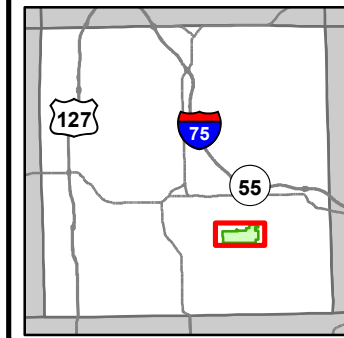


- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Gravel Road
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- 422 - Natural Pines

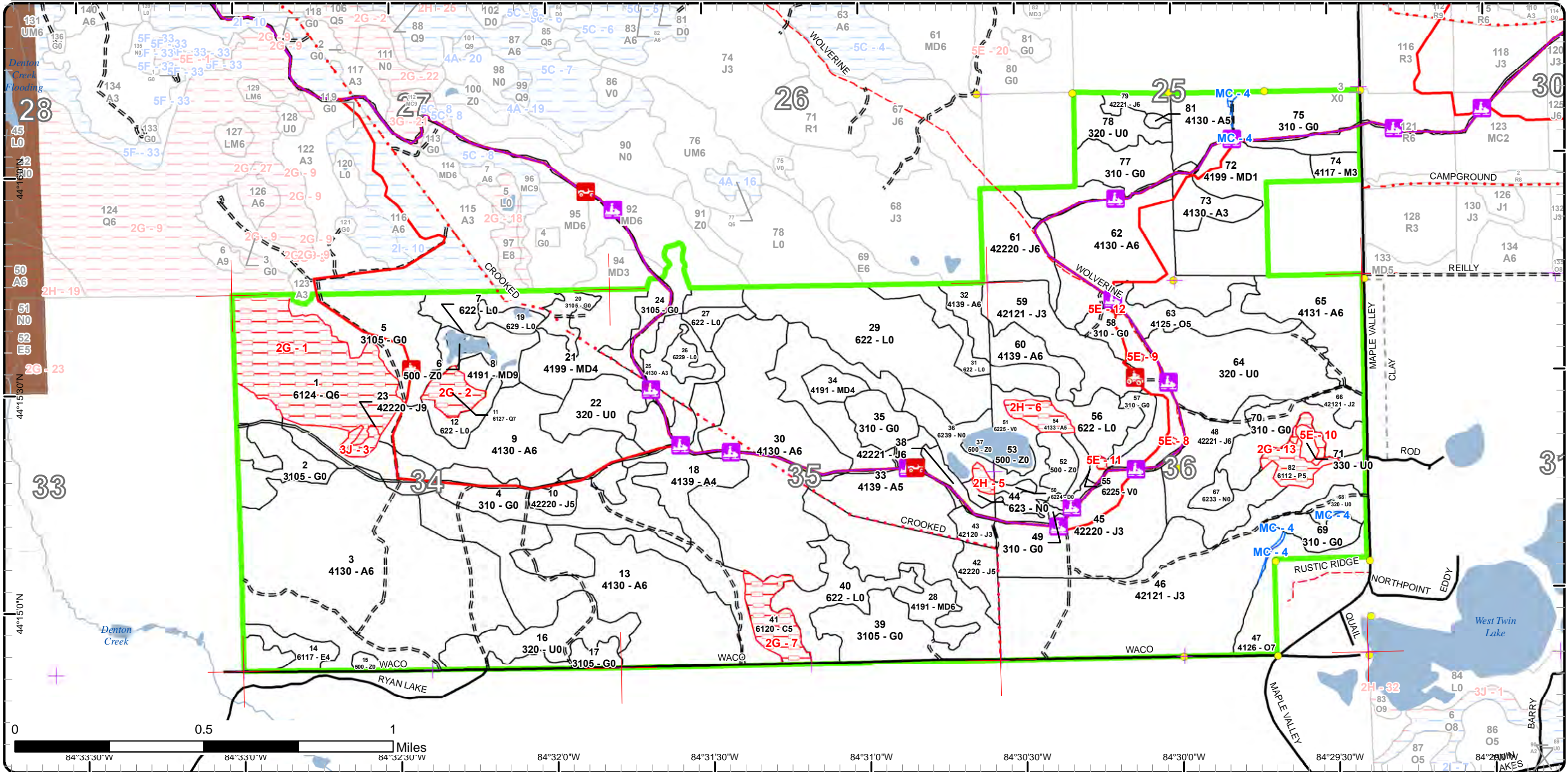


Special Conservation Areas

Compartment: 49
 T22N, R02W, Sec. 25, 34-36
 County: Roscommon
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- Miris Corners
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- 🚙 ORV Trails
- 🚙 ORV Routes
- 🚙 Snowmobile Trails
- Designated ATV
- Designated ORV Route
- Designated Snowmobile Trails
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Compartment Boundary
- Available w/ Constraints
- Unavailable
- 2G: Too wet (sensitive soils, does not include access issues)
- 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
- 3J: Water quality / BMPs (stream, river, or lake)
- 5E: Long-Term Retention
- Stand Boundaries
- Wildlife Management Areas



Report 1 – Total Acres by Cover Type and Age Class

Roscommon Mgt. Unit
 Ryan Adamczyk : Examiner

Compartment 49 Year of Entry 2019



Age Class

	Non-Forest	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150+	Uneven-Aged	Total
Aspen	0	0	0	0	27	0	710	0	0	0	0	0	0	0	0	0	0	9	745
Bog	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18
Cedar	0	0	0	0	0	0	0	0	0	0	0	15	0	0	0	0	0	0	15
Herbaceous Openland	372	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	372
Jack Pine	0	0	0	166	69	0	92	0	0	0	3	0	0	0	0	0	0	0	330
Low-Density Trees	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Lowland Aspen/Balsam Poplar	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	10
Lowland Conifers	0	0	0	0	0	0	0	0	0	0	0	77	0	0	0	0	0	0	77
Lowland Deciduous	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	9
Lowland Shrub	162	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	162
Marsh	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22
Mixed Upland Deciduous	0	0	62	0	0	18	44	0	0	0	0	0	0	0	28	0	0	0	152
Northern Hardwood	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Oak	0	0	0	0	0	0	20	0	0	0	0	0	18	0	0	0	0	0	38
Treed Bog	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Upland Shrub	127	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	127
Water	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21
Total	727	0	68	166	96	18	885	0	0	0	3	92	18	0	28	0	0	9	2108



Report 2 – Treatment Summary

Roscommon Mgt. Unit
Year of Entry: 2019

Acres of Harvest

Compartment 49
Total Compartment Acres: 2,108

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

Cover Type by Harvest Method

		Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Overstory Removal	Salvage	Other	Total Acres
Herbaceous Openland		0	0	0	0	0	0	67	0	67	
	Total	0	0	0	0	0	0	67	0	67	

Proposed and Next Step Treatments by Method

		Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current		67	0	33	0	13	0	103	51	41	309
Next Step		0	33	0	0	0	0	66	0	0	100
	Total	67	33	33	0	13	0	170	51	41	409



Standard

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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Approved Treatments:

<p>4 71049004.11_NF</p> <p>29.1 310 - Herbaceous Openland Nonstocked Unspecified NonForestMgt Other - Specify 3105 - Mixed Upland Herbaceous No</p> <p><u>Prescription</u> prescribed burn or herbicide to kill cherry brush <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> <u>Regen:</u> <u>Other</u> disk and plant to grassy opening Old next step comments: maintain as grassy opening in future YOE's <u>Comment:</u> <u>Site Condition</u> <u>Proposed Start Date:</u> 12/30/1899</p>
<p>17 71049017.9_Other</p> <p>9.9 3105 - Mixed Upland Herbaceous Nonstocked Other Unspecified 4130 - Aspen Unspecified No</p> <p><u>Prescription</u> <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> <u>Regen:</u> <u>Other</u> no retention due to the small size of the stand and desire to expand aspen into surrounding stand, any combination of hardwoods to a fully stocked stand is acceptable, interplant jack pine if stand does not regenerate Old next step comments: regeneration survey during normal YOE inventory fieldwork, any combination of hardwoods to a fully stocked stand is acceptable, interplant jack pine if stand does not regenerate <u>Comment:</u> <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2018</p>
<p>20 71049020.8_Other</p> <p>7.4 3105 - Mixed Upland Herbaceous Nonstocked Other Unspecified 4139 - Aspen, Mixed Deciduous Unspecified No</p> <p><u>Prescription</u> <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> <u>Regen:</u> <u>Other</u> expand into surrounding stands where possible, extend cut into stand to the north in Compartment 122, no retention due to small size and desire to expand stand into surrounding brushy areas, any combination of A/O/M to a fully stocked stand is acceptable Old next step comments: regeneration check during normal inventory cycle, any combination of A/O/M to a fully stocked stand is acceptable <u>Comment:</u> <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2018</p>
Empty treatment entry

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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
24 71049024.3_O ther	23.2	3105 - Mixed Upland Herbaceous	Nonstocked			Other	Unspecified	4139 - Aspen, Mixed Deciduous	Unspecified	No
<u>Prescription</u> <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> <u>Regen:</u> <u>Other</u> leave small island of R/W pine along Crooked Road for retention, leave more brushy areas for retention, buffer "L" types for retention, other <u>Comment:</u> possible retention is leaving NE arm of stand off of sale or leaving scattered conifers, expand stand to the north into Compt. 122, address visuals on ORV route/trail and SMT within stand, any combination of aspen/ red maple/oak to a fully stocked stand is acceptable <p style="text-align: center;">Old next step comments: regeneration check during normal YOE inventory fieldwork, any combination of aspen/ red maple/oak to a fully stocked stand is acceptable</p> <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2018										
24 71049024.4_O ther	4.4	3105 - Mixed Upland Herbaceous	Nonstocked			Other	Unspecified	4130 - Aspen	Unspecified	No
<u>Prescription</u> <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> <u>Regen:</u> <u>Other</u> stand is already part of a sale in 71123 (2010 YOE) to the south - Lane's Lake Aspen, add proper protection specs to ensure trail stays open <u>Comment:</u> to snowmobiles during hauling operations Old next step comments: regen check with cut to the south in 71123 in 2018 YOE, any combination of A/M/O to a fully stocked stand is acceptable regeneration <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2018										
28 71049028.1_N F	12.1	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	48	Unspec ified	NonForestMgt	Mowing	31021 - Cool Season Grass		No
<u>Prescription</u> maintain opening using non-commercial treatment <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										



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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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35	71049035.3_B urn	13.0	310 - Herbaceous Openland	Nonstocked			Burn	Unspecified	31022 - Warm Season Grass	Unspecified	No
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Prescription maintain opening using prescribed burn
Specs:
Next Step
Treatments:
Acceptable
Regen:
Other possible herbicide to kill spotted knapweed and other unwanted vegetation
Comment:
Site Condition
Proposed Start Date: 12/30/1899

39	71049039.2_C ut	67.4	3105 - Mixed Upland Herbaceous	Nonstocked			Harvest	Salvage	4139 - Aspen, Mixed Deciduous	Unspecified	No
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Prescription
Specs:
Next Step
Treatments:
Acceptable
Regen:
Other Waco Road is entirely on private (?) so may need to run PVT property boundary for this stand on south end, leave buffer on grassy opening
Comment: for retention, leave areas of mostly upland brush for retention, buffer lowland brush to the west for retention, any combination of aspen/ red maple/oak to a fully stocked stand is acceptable Old next step comments: regeneration check during normal YOE inventory fieldwork, any combination of aspen/red maple/oak to a fully stocked stand is acceptable
Site Condition
Proposed Start Date: 10/1 /2018

47	71049047- Monitor	17.9	4126 - White, Black, N. Pin Oak	Sawtimber Poor	111	1-50	Monitoring	Natural Regen (Intermediate)	412 - Oak Types	Two-Aged	No
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Prescription trench and plant RP if oak regeneration fails to reach full stocking after 3 years.
Specs:
Next Step
Treatments:
Acceptable Any combination/amount of oak and other species
Regen:
Other Percent to Treat = 100%
Comment:
Site Condition
Proposed Start Date: 10/1 /2023

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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
57 71049057-Monitor	6.2	310 - Herbaceous Openland	Nonstocked	0	Unspecified	Monitoring	Natural Regen (Re-Inventory)	413 - Aspen	Even-Aged	No
<u>Prescription</u> monitor for regeneration <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> Any combination of aspen and other species to a fully stocked stand <u>Regen:</u> <u>Other</u> Percent to Treat = 100% <u>Comment:</u> <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2026										
58 71049058-Monitor	25.6	310 - Herbaceous Openland	Nonstocked	0	Unspecified	Monitoring	Natural Regen (Intermediate)	42221 - Natural Jack Pine, Mixed Deciduous	Even-Aged	No
<u>Prescription</u> monitor for regeneration <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> any combination of jack pine and other pines/hardwood regeneration to a fully stocked stand <u>Regen:</u> <u>Other</u> Percent to Treat = 100% <u>Comment:</u> <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2023										
69 71049069-Monitor	10.3	310 - Herbaceous Openland	Nonstocked	0	Unspecified	Monitoring	Natural Regen (Re-Inventory)	413 - Aspen	Even-Aged	No
<u>Prescription</u> monitor for regeneration <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> Any combination of aspen and other species to a fully stocked strand <u>Regen:</u> <u>Other</u> Percent to Treat = 100% <u>Comment:</u> <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2023										
70 71049070-Monitor	24.6	310 - Herbaceous Openland	Nonstocked	0	Unspecified	Monitoring	Natural Regen (Re-Inventory)	413 - Aspen	Even-Aged	No
<u>Prescription</u> monitor for regeneration <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> Any combination of aspen and other species to a fully stocked stand <u>Regen:</u> <u>Other</u> Percent to Treat = 100% <u>Comment:</u> <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2026										

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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
74 71049074-Other	5.9	4117 - Mixed N. Hardwood - Pine	Sapling Well	13	Immature	Other	Other	4211 - Planted Red Pine	Even-Aged	No
<u>Prescription</u> Remove woody vegetation directly competing with planted red pine via a pre-commercial thinning by hand. <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> plant red pine with 80% free to grow status. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition</u> <u>Proposed Start Date:</u> 1 /1 /2024										
75 71049075-Plant	33.2	310 - Herbaceous Openland	Nonstocked	0	Unspecified	Planting	Initial Plant	42110 - Planted Red Pine	Two-Aged	No
<u>Prescription</u> <u>Specs:</u> <u>Next Step</u> SitePrep, Roller Chopping; ; ; Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr) <u>Treatments:</u> <u>Acceptable</u> red pine plantation <u>Regen:</u> <u>Other</u> Percent to Treat = 100% <u>Comment:</u> <u>Site Condition</u> <u>Proposed Start Date:</u> 1 /1 /2024										
77 71049077-Monitor	18.7	310 - Herbaceous Openland	Nonstocked	0	Unspecified	Monitoring	Natural Regen (Re-Inventory)	413 - Aspen	Even-Aged	No
<u>Prescription</u> monitor for regeneration <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> Any combination of aspen and other species to a fully stocked stand <u>Regen:</u> <u>Other</u> Percent to Treat = 100% <u>Comment:</u> <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2026										

Total Treatment Acreage Proposed: 308.9

Report 4 – Site Conditions

Roscommon Mgt. Unit
Ryan Adamczyk : Examiner

Compartment: 49
Year of Entry: 2019

Availability for Management

Total Acres	Acres Available	Acres Avail With Condition		Acres Not Available	Dominant Site Conditions					
					MC	2G	2H	3J	5E	
745	738	0	7		Aspen		0	7	0	
19	19	0	0		Bog					
15	0	0	15		Cedar		15			
372	371	0	1		Herbaceous Openland	0	0		0	1
331	325	1	5		Jack Pine	1	0	2	3	
2	2	0	0		Low-Density Trees					
10	0	0	10		Lowland Aspen/Balsam Poplar		8			2
77	0	0	77		Lowland Conifers		77			
9	9	0	0		Lowland Deciduous					
162	162	0	0		Lowland Shrub		0			
22	22	0	0		Marsh					
152	151	1	0		Mixed Upland Deciduous	1				
6	6	0	0		Northern Hardwood					
37	37	0	0		Oak	0				
2	2	0	0		Treed Bog					
127	127	0	0		Upland Shrub	0				
21	21	0	0		Water					
2,108	1,992	1	114		Total Forested Acres	1	100	9	3	3
	94%	0%	5%		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)	69	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Roscommon Mgt. Unit
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Compartment: 49
 Year of Entry: 2019

2	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
3	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
4	Available	Minor Change in Acreage	1				
Comments:							
5	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
6	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments: somewhat higher island surrounded by water, bog, or lowland brush stands							
7	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	15	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Roscommon Mgt. Unit
 Ryan Adamczyk : Examiner

Compartment: 49
 Year of Entry: 2019

8	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
9	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
10	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
11	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
12	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
13	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	8	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
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																																								
1	6124 - Lowland Spruce-Fir	Poletimber Well	69.0	101	Unspecified	N/A	blowdown areas have RM/BF saps, wetter spots have tag alder in the u.s.																																																																								
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3	4130 - Aspen	Poletimber Well	180.9	53	Unspecified	N/A	mix of BTA/TA. growing well, most TA is on the south edge in the flatter part of the stand, north portions have lots of stump-sprout oak, also scattered small areas of upland brush/oak, hold 20-30 years to better balance aspen age class distribution in the compartment																																																																								
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4	310 - Herbaceous Openland	Nonstocked	60.4		Unspecified	42110 - Planted Red Pine	Open stand with small clones of quaking aspen interspersed with areas of grass/pin cherry, possibly herbicide/plant red pine in east 1/3 which is more open East 1/3 trenched in 2013 and planted to red pine in 2014. Other 2/3 remain open. This stand has been updated from a field evaluation for a project on free to grow red pine.																																																																								
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8	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	27.9	132	Unspecified	N/A	2 Aged with som saplings almost pole-size, terrain is upland but is cut by numerous potholes and drainages which are wet, leave go for now until u.s. is merchantables, manage for WP at some future YOE, potential old growth																																																			
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9	4130 - Aspen	Poletimber Well	59.9	53	Unspecified	N/A	merch and non-merch TA clones interspersed with dry, brushy areas with a few sapling size oaks and scattered TA poles, hold 10 years																																																			
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11	6127 - Lowland Pine	Sawtimber Poor	8.2	101	1-50	N/A	SL WP stand which is dying due to the fluctuation of the water table, however, decent WP and other regeneration is well started in the understory, allow to convert to the u.s. species																																																			
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20	3105 - Mixed Upland Herbaceous	Nonstocked	7.4			413 - Aspen	merchantable/non-merchantable aspen clone and solitary aspens interspersed with brushy areas, hold 10 years or cut now to aid in aspen age class distribution in the compartment - Cut Spring 2012																																											
21	4199 - Other Mixed Upland Deciduous	Poletimber Poor	36.3	53	Unspecified	N/A	brushy opening with oak and a few scattered small aspen clones																																											
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22	320 - Upland Shrub	Nonstocked	20.1			No	lots and lots of pin cherry with grass and a few scattered A/RM trees																																											



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																			
23	42220 - Natural Jack Pine	Sawtimber Well	3.3	92	Unspecified	N/A	2 aged stand with jack pine logs over-topping RM saps																																																			
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24	3105 - Mixed Upland Herbaceous	Nonstocked	27.5			413 - Aspen	Merchantable TA clones interspersed with areas of upland brush and MO saps, worth cutting to begin balancing aspen age class distribution in the compartment - Cut Spring 2012																																																			
25	4130 - Aspen	Sapling Well	13.6	30	Unspecified	N/A																																																				
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26	6229 - Mixed lowland shrub	Nonstocked	5.9			No																																																				
27	622 - Lowland Shrub	Nonstocked	6.2			No																																																				
28	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	17.9	48	Unspecified	N/A	young aspen mixed with lots of red maple and scattered XL R/W pine and SL oak, left over from 2011 YOЕ cut to the west, trees too small yet to treat																																																			
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29	622 - Lowland Shrub	Nonstocked	68.7			No																																																				
30	4130 - Aspen	Poletimber Well	107.9	53	Unspecified	N/A	nice stand of TA poles, hold 10-20 years and allow to become more merchantable, several small inclusions of R/W pine log stands scattered thru-out stand, north part has a larger inclusion of pin cherry mixed with MO & JP poles and not much aspen																																																			
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments			
31	622 - Lowland Shrub	Nonstocked	11.3			No				
32	4139 - Aspen, Mixed Deciduous	Poletimber Well	9.0	53	Unspecified	N/A	NE part of the stand is JP logs/poles with RM poles/saps underneath & spots heavy to WP saps, west part of stand is aspen/RM poles, JP in stand is declining but not worth cutting to salvage, hold at least 10 years for RM/Aspen to become more merchantable			
		Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
		Jack Pine	10	Log	10		White Pine	Low	Variable	Sapling
		Quaking Aspen	40	Pole	5	53	Red Maple	Medium	Variable	Sapling
		White Pine	5	Pole	7					
		Red Maple	45	Pole	5	53				
33	4139 - Aspen, Mixed Deciduous	Poletimber Medium	64.7	53	Unspecified	N/A	merch. and non-merch. TA clones interspersed with areas of upland shrub/oak, north end has inclusion which is heavy to jack pine			
		Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
		Pin Cherry	35	Sapling/Pole	4	53	Quaking Aspen	High	Variable	Sapling
		Northern Pin Oak	10	Pole	7	53	Pin Cherry	Medium	Variable	Tall Shrub
		Quaking Aspen	45	Sapling/Pole	5	53	Northern Pin Oak	Low	Variable	Sapling
		Jack Pine	10	Sapling/Pole	5	53				
34	4191 - Mixed Upland Deciduous with Conifer	Poletimber Poor	7.5	53	Unspecified	N/A	regenerated to pin cherry mixed with jack pine after DRIP cut in 1970, manage as upland brush stand			
		Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
		Jack Pine	25	Pole	6	53	Pin Cherry	Low	Variable	Sapling
		Northern Pin Oak	5	Pole	5	53				
		Pin Cherry	70	Pole	4	53				
35	310 - Herbaceous Openland	Nonstocked	13.0			No				
36	6239 - Mixed Emergent Wetland	Nonstocked	14.9			No				
37	500 - Water	Nonstocked	3.0			No				
38	42221 - Natural Jack Pine, Mixed Deciduous	Poletimber Well	9.0	53	Unspecified	N/A	small stand of natural jack pine			
		Canopy Species	% Cover	Size Class	DBH	Age				
		Pin Cherry	20	Sapling/Pole	4					
		Northern Pin Oak	10	Pole	6	53				
		Jack Pine	70	Pole	6	53				
39	3105 - Mixed Upland Herbaceous	Nonstocked	70.5			413 - Aspen	nice TA clones - most of which are merchantable - interspersed with areas of upland shrub, consider cutting this YOE to begin balancing aspen age class distribution in this compartment - Cut Spring 2012			



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																															
40	622 - Lowland Shrub	Nonstocked	25.1			No	lowland shrub with scattered trees, parts are very wet due to spring run-off																																															
41	6120 - Lowland Cedar	Poletimber Medium	14.8	107	Unspecified	N/A	very wet cedar swamp with lots of blowdown																																															
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42	42220 - Natural Jack Pine	Poletimber Medium	9.3	53	Unspecified	N/A	stand of natural jack pine resulting from DRIP cut in 1970																																															
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43	42120 - Planted Jack Pine	Sapling Well	5.6	31	Unspecified	N/A	planted jack pine																																															
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44	623 - Emergent Wetland	Nonstocked	1.9			No																																																
45	42220 - Natural Jack Pine	Sapling Well	63.8	32	Immature	N/A	OPIC - FMD: Thick planted jack pine with more open areas of natural jack pine																																															
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46	42121 - Planted Jack Pine, Mixed Deciduous	Sapling Well	128.3	21	Immature	N/A	OPIC - FMD: Planted jack pine in 2002. Has a fair amount of oak stump sprouts. Some pin cherry and aspen clones present.																																															
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																	
47	4126 - White, Black, N. Pin Oak	Sawtimber Poor	17.8	111	1-50	N/A	Poor quality mixed oak stand. Has some white oak and jack pine also Cherry and a few oaks in the understory. Lots of blow-down occurring now as stand is starting to fall apart. Lots of FW cutting and new trails created from FW cutting are all over this stand. Needs to be regenerated now or just walk away and leave it. Possibly SW and then under-plant red pine. Cut Spring 2020																																																	
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48	42221 - Natural Jack Pine, Mixed Deciduous	Poletimber Well	35.1	50		N/A	D.R.I.P. cut origin jack pine, JP ranges from decent quality to extremely poor quality, aspen is all poor quality trembling aspen, consider cutting all or part of this stand and regenerating to red or jack pine.																																																	
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49	310 - Herbaceous Openland	Nonstocked	0.7			No	scattered jack pine in a somewhat wet meadow																																																	
50	6224 - Treed Bog	Nonstocked	1.9			No	sparse, boggy jack pine surrounded by bog, stand continues into 71121 to the west but is more upland in that compartment, no access due to terrain																																																	
51	6225 - Bog	Nonstocked	15.1			No	Bog around Lanes Lake																																																	
52	500 - Water	Nonstocked	7.7		Unspecified	No	Small wetland just east of Lanes lake.																																																	
53	500 - Water	Nonstocked	6.4		Unspecified	No	LANES LAKE.																																																	
54	4133 - Aspen, Mixed Pine	Poletimber Medium	6.6	50	1-50	N/A	Somewhat upland island with aspen poles and R/W pine SL's, no access as surrounded by bog, lowland brush, or water																																																	
55	6225 - Bog	Nonstocked	3.4			No																																																		
56	622 - Lowland Shrub	Nonstocked	24.6		Unspecified	No	OPIC - FMD: Tag alder and some willow brush.																																																	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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57	310 - Herbaceous Openland	Nonstocked	6.7	0	Unspecified	413 - Aspen	Quaking aspen stand of D.R.I.P. cut origin. Some oak in understory. scattered jack pine and areas heavy to jack pine. Hypox canker started so needs to be cut and regenerated now. Cut as much of this stand as possible given terrain. No retention - size and health concerns. Save smaller oak? Cut Summer 2021
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58	310 - Herbaceous Openland	Nonstocked	27.1	0	Unspecified	4310 - Pine, Oak Mix	D.R.I.P. cut origin jack pine, JP ranges from decent quality to extremely poor quality, aspen is all poor quality trembling aspen, consider cutting all or part of this stand and regenerating to red or jack pine. Cut Summer 2021
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59	42121 - Planted Jack Pine, Mixed Deciduous	Sapling Well	31.8	21	Immature	N/A	OPIC - FMD: Planted jack pine. Some areas filled in with natural jack pine regen. Some cherry and oak regen mixed in.
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Canopy Species	% Cover	Size Class	DBH	Age
Black/Red (Hybrid) Oak	10	Sapling	1	
Pin Cherry	5	Sapling	1	
Quaking Aspen	5	Sapling	2	
Jack Pine	80	Sapling	1	21

60	4139 - Aspen, Mixed Deciduous	Poletimber Well	13.4	50	Unspecified	N/A	Quaking aspen stand of D.R.I.P. cut origin. Some oak in understory in drier areas. Poor access. Treat when Stand 38 to the west in 71123 is treated?
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Canopy Species	% Cover	Size Class	DBH	Age
Quaking Aspen	40	Pole	6	50
Red Maple	45	Pole	5	50
White Pine	15	Pole	7	

Sub-Canopy Species	Density	Avg. Height	Size
Black/Red (Hybrid) Oak	Low	Variable	Sapling
Red Maple	Medium	Variable	Sapling

61	42220 - Natural Jack Pine	Poletimber Well	26.9	50		N/A	JP small yet, could stand to grow more
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Canopy Species	% Cover	Size Class	DBH	Age
Jack Pine	85	Pole/Sapling	6	50
Pin Cherry	5	Pole	5	
Black/Red (Hybrid) Oak	10	Pole	7	

Sub-Canopy Species	Density	Avg. Height	Size
Jack Pine	Low	>20 feet	Sapling
Black/Red (Hybrid) Oak	Low	Variable	Sapling
White Oak	Low	Variable	Sapling

62	4130 - Aspen	Poletimber Well	78.7	50		N/A	mostly BTA but some quaking aspen also, scattered conifers and oak, hold this stand due to high BTA component
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Canopy Species	% Cover	Size Class	DBH	Age
Quaking Aspen	15	Pole	6	50
Jack Pine	1	Pole	6	
Black/Red (Hybrid) Oak	10	Pole	7	
Red Maple	6	Pole	6	
Red Pine	2	Log	14	
White Oak	5	Pole	7	
Bigtooth Aspen	60	Pole	7	50
White Pine	1	Pole	6	

Sub-Canopy Species	Density	Avg. Height	Size
White Oak	Low	Variable	Sapling
Black/Red (Hybrid) Oak	Low	Variable	Sapling
Witch Hazel	Medium	5 - 10 feet	Tall Shrub



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																			
63	4125 - Black, N. Pin Oak	Poletimber Medium	19.6	50	51-80	N/A	stump sprout origin oak, poor quality black and pin oak, small diameters yet, scattered pone SL's and Balsam fir poles																																																			
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64	320 - Upland Shrub	Nonstocked	55.2		Unspecified	No	OPIC - FMD: Thick cherry brush with some scattered wolffy jack pine. A few oak stump sprouts and small aspen clumps, frost pocket?																																																			
65	4131 - Aspen, Oak	Poletimber Well	35.3	50		N/A	Nice BTA stand, largest aspen just starting to reach sawlog size, hold for 10 more years to let sawlogs grow some more																																																			
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66	42121 - Planted Jack Pine, Mixed Deciduous	Sapling Medium	6.1	21	Immature	N/A	Planted jack pine with some oak, pin cherry, and aspen sprouts.																																																			
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67	6233 - Wet Meadow	Nonstocked	4.7			No	encroaching Conifers																																																			
68	320 - Upland Shrub	Nonstocked	7.0		Unspecified	No	upland brush stand with scattered merchantable trees and lots of pin cherry																																																			
69	310 - Herbaceous Openland	Nonstocked	10.4	0	Unspecified	413 - Aspen	Quaking aspen stand with a few jack pine scattered and in clumps, aspen is clonal and separated by upland brush with some jack pine. West part burned in April 2015. Could hold 10 years if desired. Cut Spring 2020																																																			
70	310 - Herbaceous Openland	Nonstocked	24.5	0	Unspecified	413 - Aspen	Decent aspen but starting to get hypoxylon canker, scattered less dense areas with oak and pin cherry, scattered jack pine poles also. Cut Spring 2020 and pulled out with stand partially cut, finished cutting in Summer 2021 after it dried out, north part of the stand along the road was heavy to jack pine, rest was solid aspen																																																			



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																						
71	330 - Low-Density Trees	Nonstocked	2.4		Unspecified	No	Grassy opening with encroaching jack pine and aspen saplings, somewhat wet in spots																																																						
72	4199 - Other Mixed Upland Deciduous	Sapling Poor	62.0	13	Immature	N/A	Cut fall of 2010, left scattered oak and pine SL's and poles																																																						
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73	4130 - Aspen	Sapling Well	13.6	33	Immature	N/A	Good bigtooth aspen stand. Most areas approaching pole timber size. Growing well.																																																						
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74	4117 - Mixed N. Hardwood - Pine	Sapling Well	5.9	13	Immature	N/A	Trenched in 2009; Planted to red pine in 2010. This stand was selected to remove the woody vegetation, by hand with a pre-commercial thin, that is competing against the planted red pine to bring the stand to a red pine planting status with 80 percent of the pine free to grow.																																																						
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75	310 - Herbaceous Openland	Nonstocked	33.2	0	Unspecified	4211 - Planted Red Pine	Cut and chipped winter/spring 2021. Trenched 2022. Aerial site prep sprayed August 2023.																																																						
77	310 - Herbaceous Openland	Nonstocked	18.7	0	Unspecified	413 - Aspen	fair quality aspen stand mixed with oak and pine, stand slopes to the north into a frost pocket, cut or hold as needed for balancing aspen age classes in the MA, will need to use SMT to access stand, cut spring 2020, scattered oak left for mast, best aspen regeneration is at the top of the hill, regeneration started but not forested yet.																																																						
78	320 - Upland Shrub	Nonstocked	14.9		Unspecified	No	upland shrub stand with lots of pin cherry and scattered oak and pine poles/SL's																																																						
79	42221 - Natural Jack Pine, Mixed Deciduous	Poletimber Well	6.1	50	Unspecified	N/A	jack pine with small aspen inclusions on the southwest and southeast ends, jack pine and aspen decent quality and growing well, hold 10 years																																																						
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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81	4130 - Aspen	Poletimber Medium	1.2	50	Unspecified	N/A	
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fair quality aspen stand mixed with oak and pine, stand slopes to the north into a frost pocket, cut or hold as needed for balancing aspen age classes in the MA, will need to use SMT to access stand.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen	50	Pole	7	50	Pin Cherry	Low	Variable	Sapling
White Oak	1	Pole/Log	9		Black/Red (Hybrid) Oak	Medium	Variable	Sapling
White Pine	3	Pole	6		White Oak	Low	Variable	Sapling
Bigtooth Aspen	25	Pole/Log	8	50				
Jack Pine	6	Pole	6					
Pin Cherry	10	Pole/Sapling	5					
Black/Red (Hybrid) Oak	5	Pole/Log	9					

82	6112 - Lowland Aspen	Poletimber Medium	10.3	50	Unspecified	N/A	
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Decent aspen but wetter terrain, non-operable part of stand #70 to the north, starting to get hypoxylon canker, scattered less dense areas with oak and pin cherry, scattered jack pine poles also.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Jack Pine	25	Pole	6		Quaking Aspen	Medium	Variable	Sapling
Quaking Aspen	75	Pole/Log/Sap	8	50	Jack Pine	Low	Variable	Sapling
					Pin Cherry	Low	Variable	Sapling
					Black/Red (Hybrid) Oak	Medium	Variable	Sapling