



Compartment Review Presentation

Roscommon Forest Management Unit

Compartment 71046

Entry Year 2027

Acreage: 2,222

County: Roscommon

Management Area: High Sand Plains

Stand Examiner: Doug Tyran

Legal Description:

T22N R02W Sec. 20, 21, 22, 23 & 24

Identified Planning Goals:

Maintain the State Forest resource in a healthy condition to meet: State Forest Management Plan Objectives, Wildlife Habitat Improvements, & Recreational Use.

Soil and topography:

Upland soils consist primarily of Au Gres-Kinross-Cross-Grayling Complex Sands. Lowland soils consist of mostly Tawas Lupton Mucks. The topography is relatively flat.

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

There is mostly state land in and around the compartment with some private ownership, primarily residences on the far east off of Emery Road, and a few scattered hunting camps.

Unique Natural Features:

None known.

Archeological, Historical, and Cultural Features:

None know.

Special Management Designations or Considerations:

A Reviewable SCA that does not meet criteria and should be removed. There is beaver activity in Section 23. There are historic comments for Osprey & Common loon in the compartment (none were observed).

Watershed and Fisheries Considerations:

Most of this compartment is in Central Lake Michigan Management Unit (CLMMU). Denton Creek flows through the western half of this compartment. Best management practices should be utilized to buffer any timber harvesting near lowlands or along the creek if water or wet soils are present.

Wildlife Habitat Considerations:

Treatments in this compartment will maintain age class diversity in aspen while creating early successional habitat benefiting deer, grouse, and woodcock. Openings are prescribed to be maintained in this compartment benefiting deer, turkey, grouse, and song birds.

Mineral Resource and Development Concerns and/or Restrictions

No known potential exists for economic deposits of metallic minerals in this part of the state. The nearest known active sand/gravel operation is just over one mile southeast. Potential for sand & gravel development within the compartment, however, may be limited due to the prevalence of wetlands and a shallow water table. The compartment is on the northern edge of the abandoned Denton Creek Oil Field. The field was abandoned in the late 1990s. There has been no recent well permitting activity in or around the compartment, and there is also no current leasing activity involving State-owned oil & gas rights in the area. Potential for future oil & gas development within the compartment is considered low at this time.

Vehicle Access:

Best vehicle access is either from the East off of Emery road or from the West off of Crooked Road. There are various state forest roads off of these roads providing fair access to a majority of the compartment. A road will be needed to access timber in Section 24 if access is not granted from adjacent private landowners.

Survey Needs:

A survey will be needed in Section 24.

Recreational Facilities and Opportunities:

A snowmobile trail traverses through Section 20. The area is mainly used for compartment is heavily used for hunting and other recreational pursuits. There is some resource damage from Off-Road-Vehicles in Section 24 from users driving on

undesignated roads.

Fire Protection:

A majority of this compartment are deciduous cover types or lowland, which are somewhat resistant to large contiguous wildfires. However, given the right conditions fires could certainly occur, most probable from adjacent private landowners or recreationists within the areas of Red Pine or Jack Pine. Best access is along the county roads then to State Forest Roads.

Additional Compartment Information:

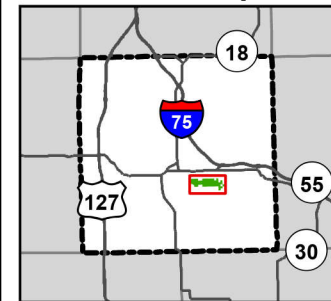
The following reports from the Inventory are attached:

- 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: 71046
T22N, R02W, Sec. 20-25
County: Roscommon
Unit: Roscommon
Mgmt. Area: High Sand Plains
YOE: 2027
Acres: 2,222 GIS Calculated
Examiner: Doug Tyran
Date Exported: 6/10/2025
Map Phase: Web Post

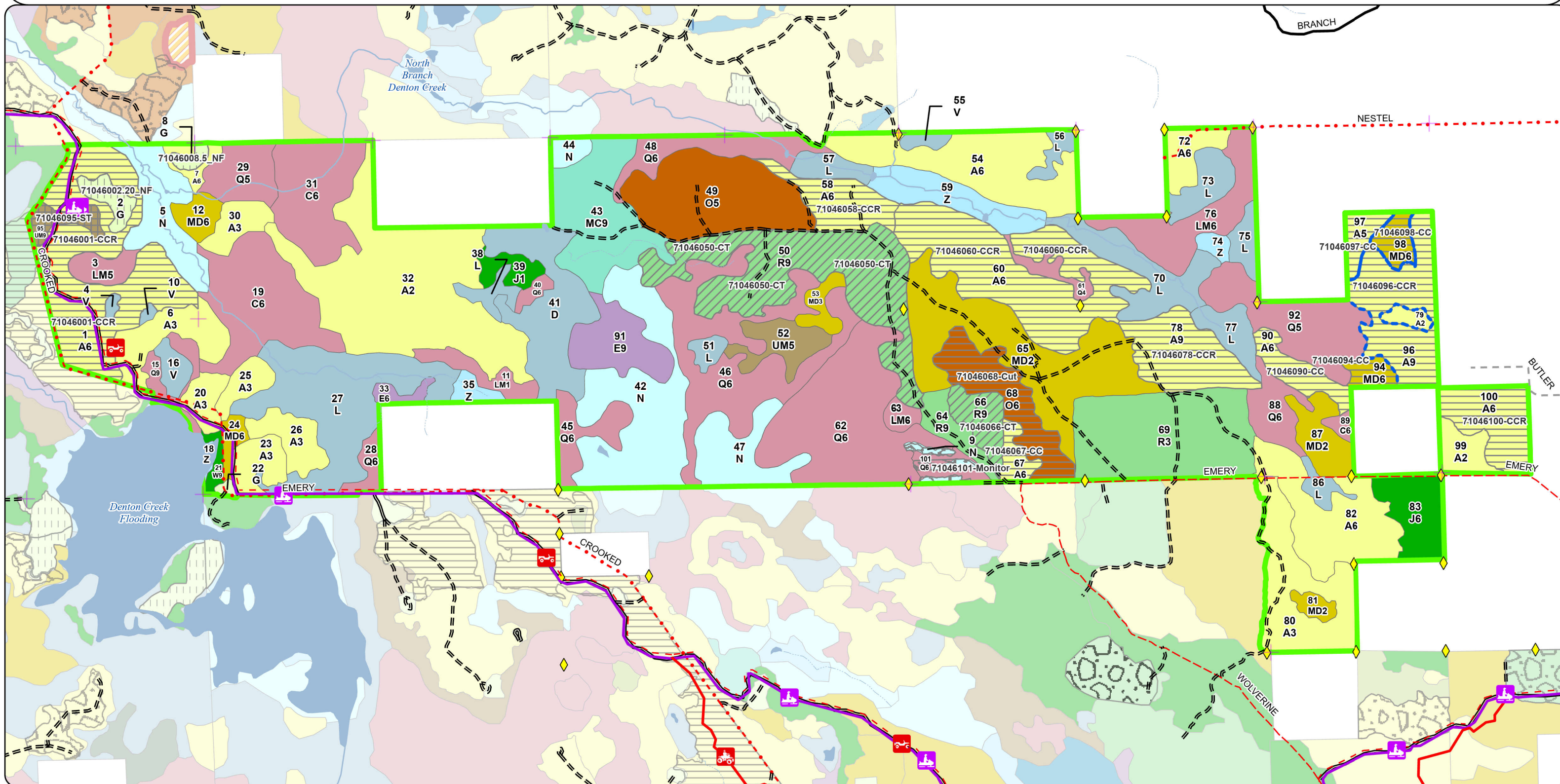
0 0.5 1 Miles

- Remonumented Section Corners
- Survey Grade Corners
- Culvert
- Designated ORV Routes
- Designated ATV Trails
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Gravel Road

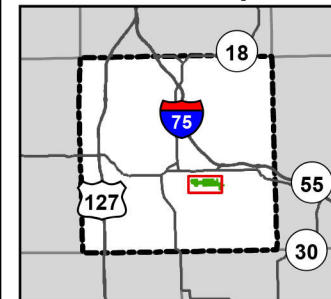
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- Intermittent Stream
- Perennial River
- Lakes and Rivers
- Counties
- Compartment Boundary
- Clearcut
- Seed Tree
- Thinning

- Openings Mgmt.
- Monitoring - Regeneration
- Treatments with Site Conditions
- 412 - Oak Types
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest

- 500 - Water
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 310 - Herbaceous Openland
- 622 - Lowland Shrub
- 623 - Emergent Wetland



Cover Type & Treatments Map



Compartment: 71046
T22N, R02W, Sec. 20-25
County: Roscommon
Unit: Roscommon
Mgmt. Area: High Sand Plains
YOE: 2027
Acres: 2,222 GIS Calculated
Examiner: Doug Tyran
Date Exported: 6/10/2025
Map Phase: Web Post

0 0.5 1 Miles

- Remonumented Section Corners
- Survey Grade Corners
- Culvert

- Designated ORV Routes
- Designated ATV Trails

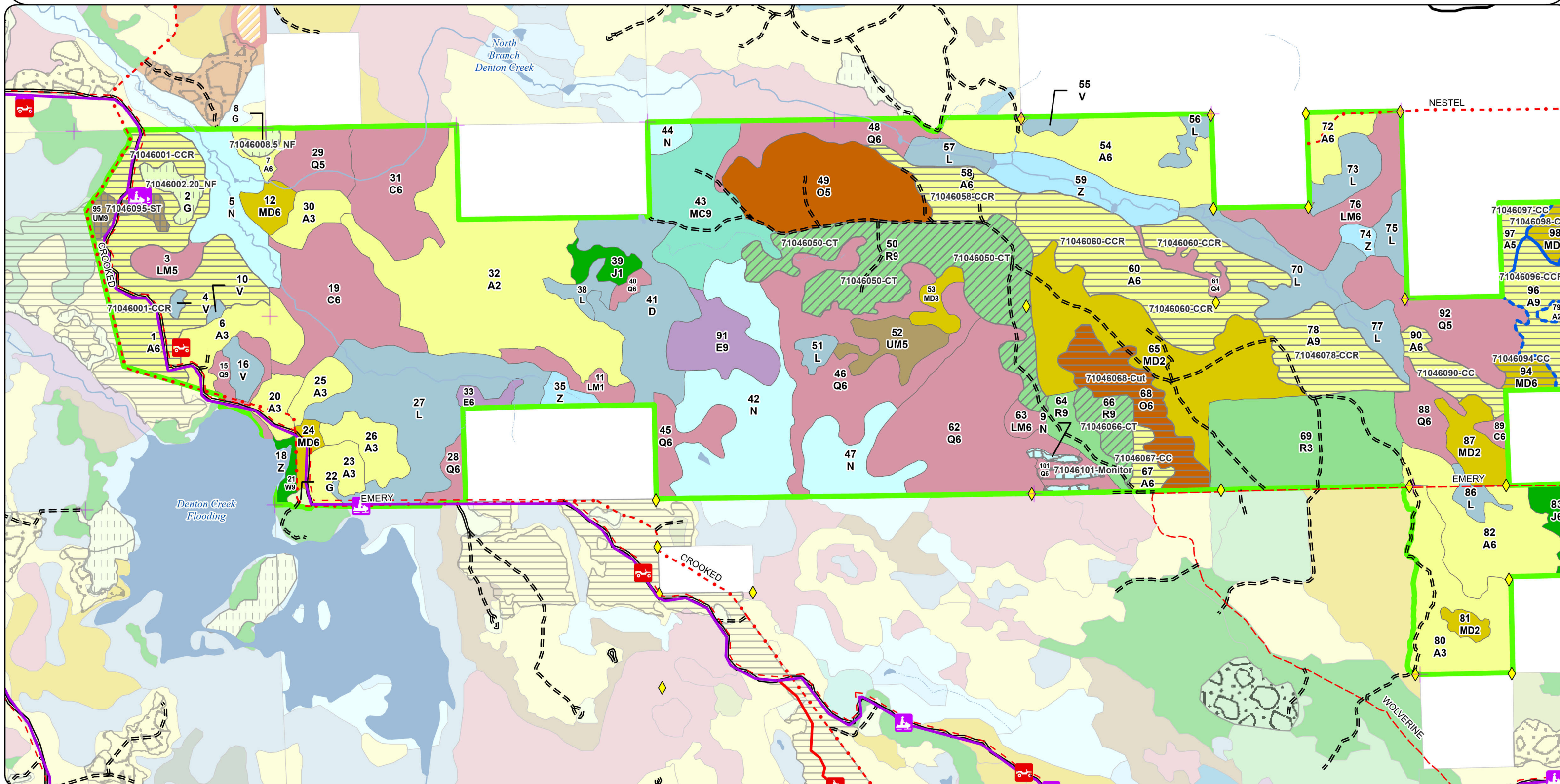
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road

- County - Gravel Road
- County - Dirt Road (Seasonal)
- Intermittent Stream
- Perennial River
- Lakes and Rivers
- Counties

- Compartment Boundary
- Clearcut
- Seed Tree

- Thinning
- Openings Mgmt.
- Monitoring - Regeneration
- Treatments with Site Conditions
- 412 - Oak Types
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines

- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 500 - Water
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 310 - Herbaceous Openland
- 622 - Lowland Shrub
- 623 - Emergent Wetland



Cover Type & Treatments Map

Compartment: 71046
T22N, R02W, Sec. 20-25
County: Roscommon
Unit: Roscommon
Mgmt. Area: High Sand Plains
YOE: 2027
Acres: 2,222 GIS Calculated
Examiner: Doug Tyran
Date Exported: 6/10/2025
Map Phase: Web Post



0 0.5 1 Miles

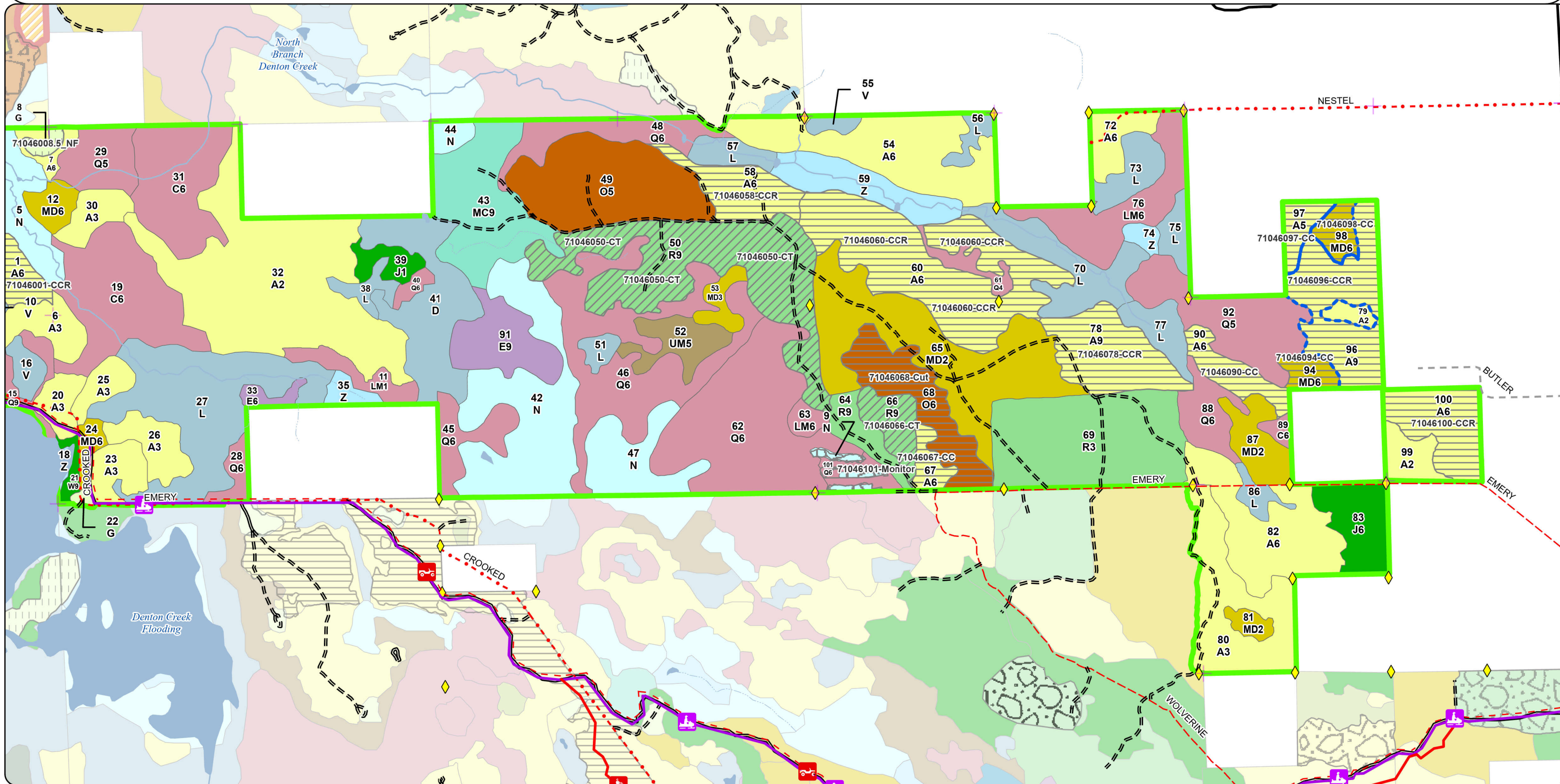
- Remonumented Section Corners
- Survey Grade Corners
- Culvert
- Designated ORV Routes
- Designated ATV Trails

- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road

- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- Intermittent Stream
- Perennial River
- Lakes and Rivers
- Counties
- Compartment Boundary
- Clearcut

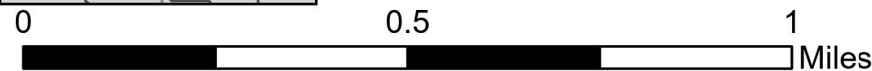
- Thinning
- Openings Mgmt.
- Monitoring - Regeneration
- Treatments with Site Conditions
- 412 - Oak Types
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines

- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 500 - Water
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 310 - Herbaceous Openland
- 622 - Lowland Shrub
- 623 - Emergent Wetland



Stand Boundary Map

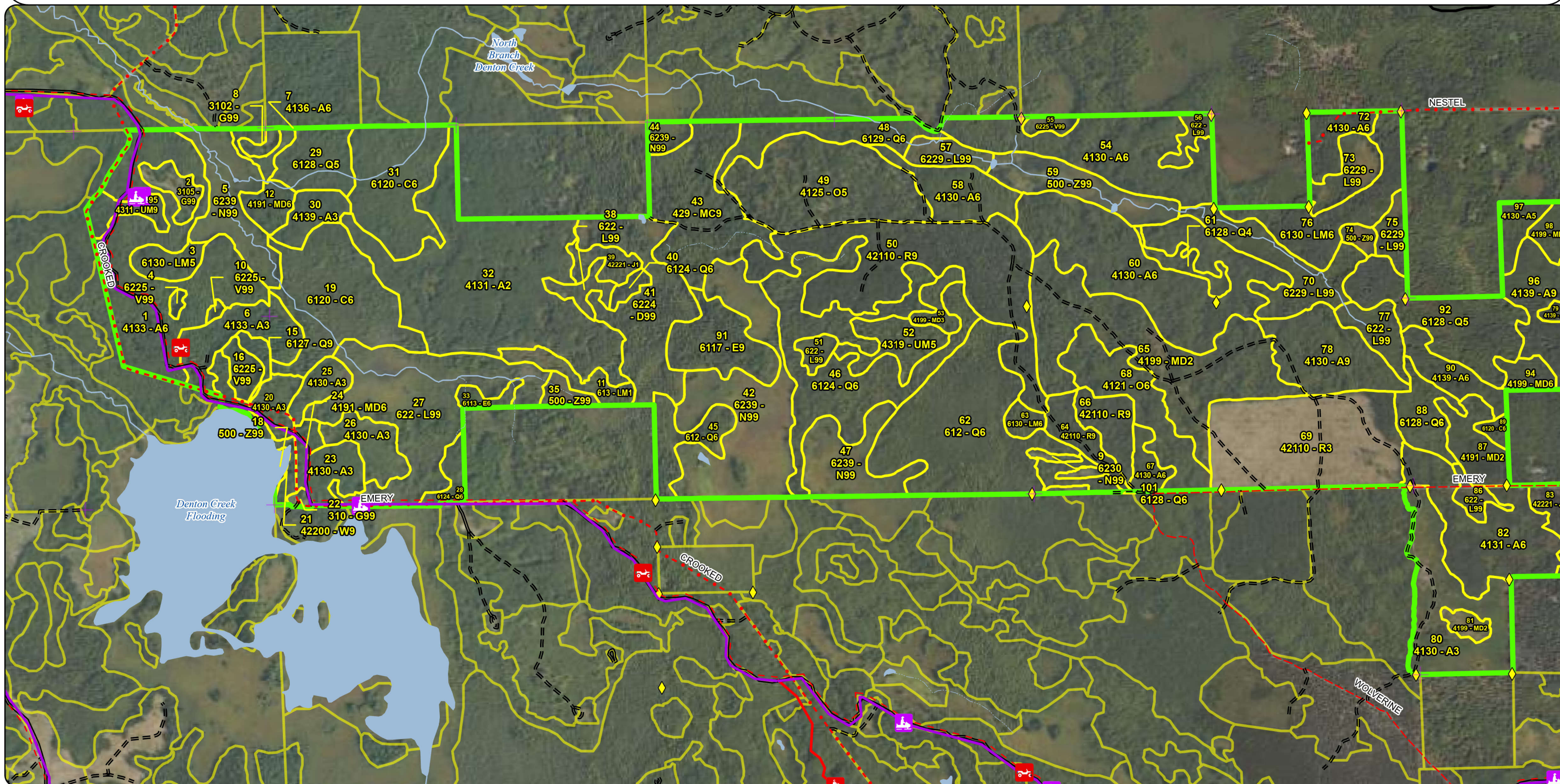
Compartment: 71046
T22N, R02W, Sec. 20-25
County: Roscommon
Unit: Roscommon
Mgmt. Area: High Sand Plains
YOE: 2027
Acres: 2,222 GIS Calculated
Examiner: Doug Tyran
Date Exported: 6/10/2025
Map Phase: Web Post



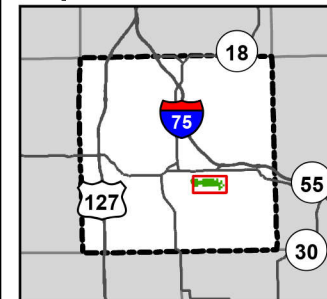
- Remunemented Section Corners
- Survey Grade Corners
- Culvert
- Designated ORV Routes
- Designated ATV Trails
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Intermittent Stream
- Perennial River
- Lakes and Rivers
- Counties
- Compartment Boundary

- 412 - Oak Types
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 500 - Water

- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 310 - Herbaceous Openland
- 622 - Lowland Shrub
- 623 - Emergent Wetland



Stand Boundary Map



Compartment: 71046
T22N, R02W, Sec. 20-25
County: Roscommon
Unit: Roscommon
Mgmt. Area: High Sand Plains
YOE: 2027
Acres: 2,222 GIS Calculated
Examiner: Doug Tyran
Date Exported: 6/10/2025
Map Phase: Web Post

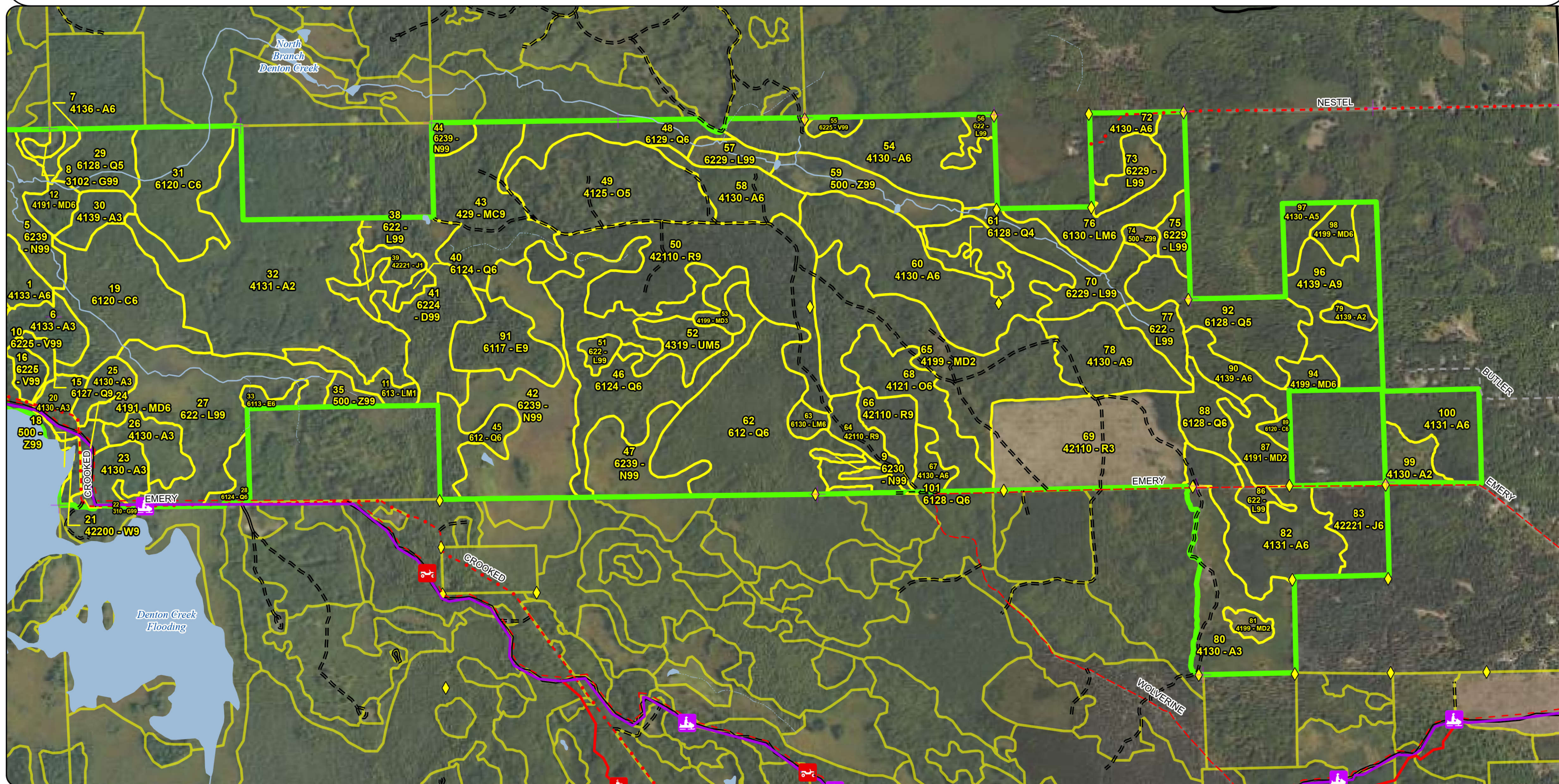
0 0.5 1 Miles

- Remonumented Section Corners
- Survey Grade Corners
- Culvert
- Designated ORV Routes
- Designated ATV Trails
- DNR - Secondary Forest Road
- DNR - Forest Access Route

- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- Intermittent Stream
- Perennial River
- Lakes and Rivers
- Counties
- Compartment Boundary

- 412 - Oak Types
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest

- 500 - Water
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 310 - Herbaceous Openland
- 622 - Lowland Shrub
- 623 - Emergent Wetland



Special Conservation Areas & Site Conditions Map

Compartment: 71046
T22N, R02W, Sec. 20-25
County: Roscommon
Unit: Roscommon
Mgmt. Area: High Sand Plains
YOE: 2027
Acres: 2,222 GIS Calculated
Examiner: Doug Tyran
Date Exported: 6/10/2025
Map Phase: Web Post

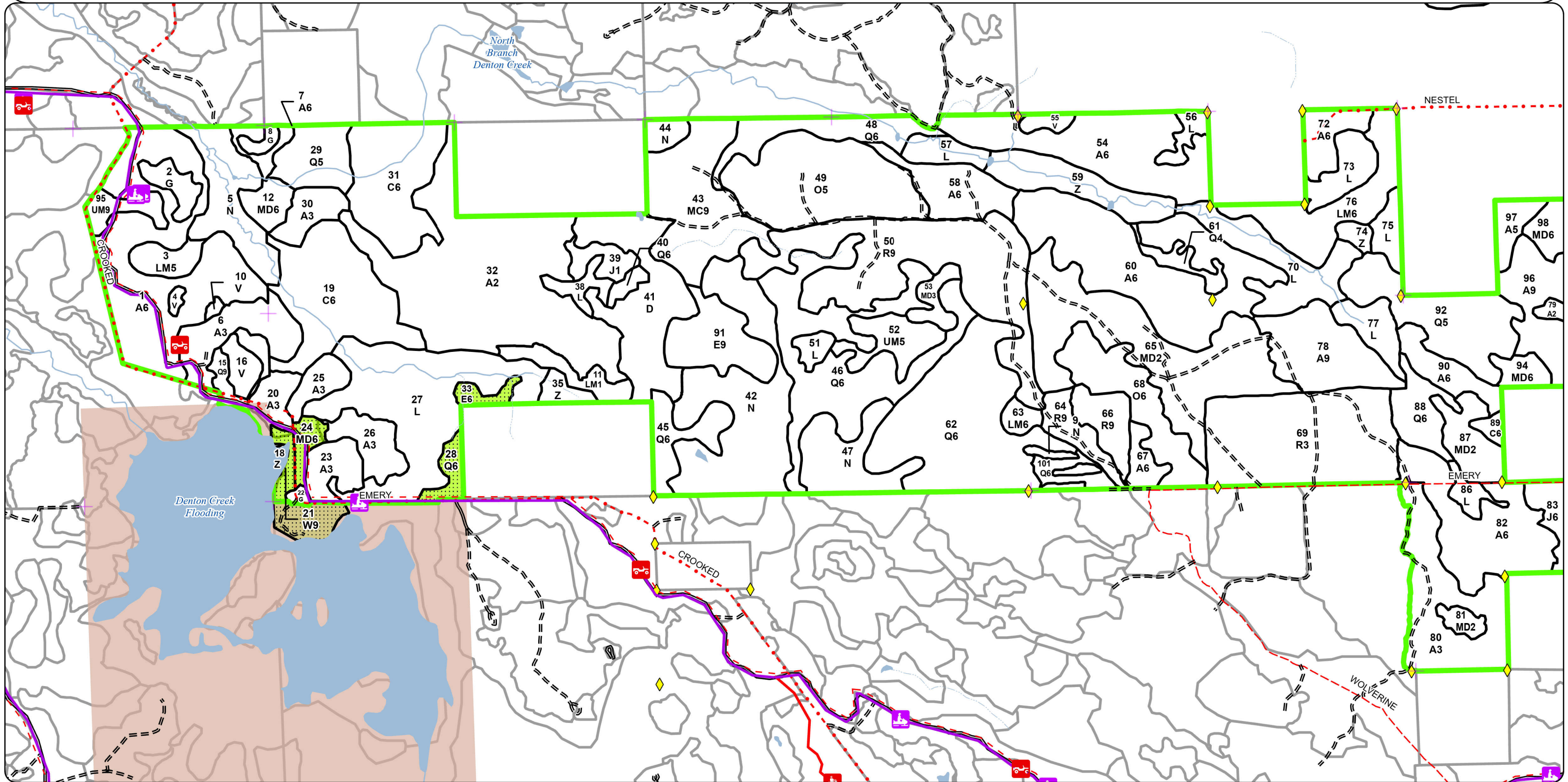


0 0.5 1 Miles

- Remonumented Section Corners
- Survey Grade Corners
- Culvert
- Designated ORV Routes
- Designated ATV Trails
- DNR - Secondary Forest Road

- DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Intermittent Stream
- Perennial River
- Lakes and Rivers

- Counties
- Compartment Boundary
- Stand Boundaries
- SCA
- Wildlife Research Areas
- Possible Type 2 Old Growth



Special Conservation Areas & Site Conditions Map

Compartment: 71046
T22N, R02W, Sec. 20-25
County: Roscommon
Unit: Roscommon
Mgmt. Area: High Sand Plains
YOE: 2027
Acres: 2,222 GIS Calculated
Examiner: Doug Tyran
Date Exported: 6/10/2025
Map Phase: Web Post

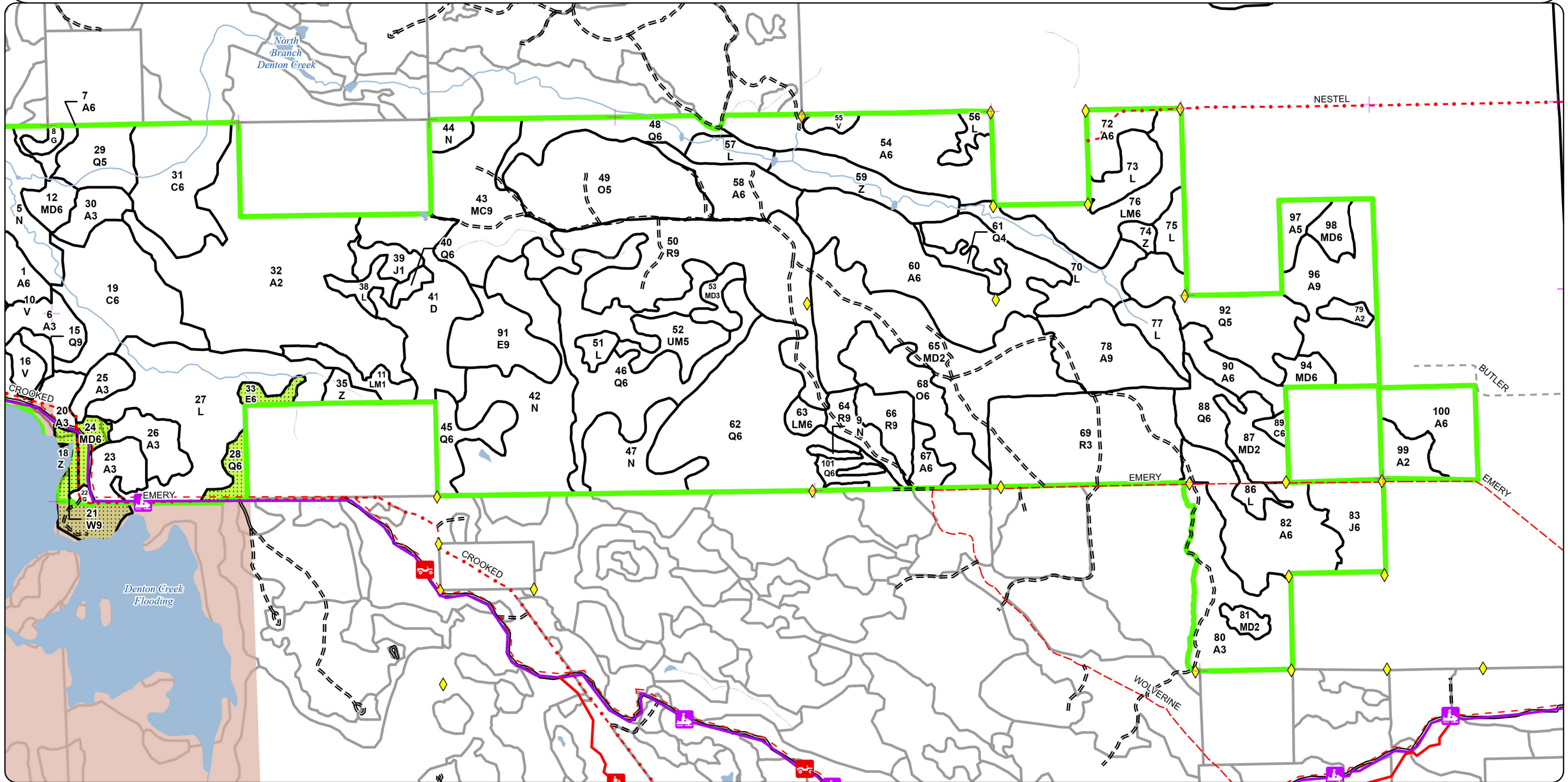


0 0.5 1 Miles

- Remonumented Section Corners
- Survey Grade Corners
- Culvert
- Designated ORV Routes
- Designated ATV Trails
- DNR - Secondary Forest Road

- DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- Intermittent Stream
- Perennial River

- Lakes and Rivers
- Counties
- Compartment Boundary
- Stand Boundaries
- SCA
- Wildlife Research Areas
- Possible Type 2 Old Growth



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	88	25	159	49	72	132	211	0	0	0	0	0	0	0	0	0	0	736
Bog	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13
Cedar	0	0	0	0	0	0	0	0	0	3	0	100	0	0	0	0	0	0	103
Herbaceous Openland	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
Jack Pine	0	0	0	9	0	0	24	0	0	0	0	0	0	0	0	0	0	0	33
Lowland Conifers	0	0	0	0	7	0	0	75	0	17	37	93	0	85	0	0	0	0	314
Lowland Deciduous	0	0	0	0	0	0	0	31	0	0	0	0	0	0	0	0	0	0	31
Lowland Mixed Forest	0	0	0	11	0	0	44	0	5	0	0	0	0	0	0	0	0	0	60
Lowland Shrub	174	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	174
Marsh	140	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	140
Mixed Upland Deciduous	0	5	0	17	8	86	7	14	0	9	0	0	0	0	0	0	0	0	145
Oak	0	0	0	0	0	97	0	0	0	0	0	0	0	0	0	0	0	0	97
Red Pine	0	78	0	0	0	0	0	14	12	0	0	0	0	0	0	0	0	0	196
Treed Bog	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	48
Upland Conifers	0	0	0	0	0	0	52	0	0	0	0	0	0	0	0	0	0	0	52
Upland Mixed Forest	0	0	0	0	0	17	0	0	0	0	9	0	0	0	0	0	0	0	26
Water	37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	37
White Pine	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	4
Total	425	171	25	196	64	272	259	345	17	29	46	197	0	85	0	0	0	0	2221



Report 2 – Treatment Summary

Roscommon Mgt. Unit
Year of Entry: 2027

Acres of Harvest

Compartment 46
Total Compartment Acres: 2,222

Commercial Harvest - 730
Harvests with Site Condition - 170
Next Step Harvest - 0
Habitat Cut - 0

Cover Type by Harvest Method

	Clearecut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Overstory Removal	Salvage	Other	Total Acres
Aspen	338	0	0	0	0	0	0	0	0	338
Mixed Upland Deciduous	16	0	0	0	0	0	0	0	0	16
Oak	34	0	0	0	0	0	0	0	0	34
Red Pine	0	0	0	0	106	0	0	0	0	106
Upland Mixed Forest	0	0	0	9	0	0	0	0	0	9
Total	387	0	0	9	0	106	0	0	0	502

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	502	0	0	0	0	6	0	11		520
Next Step	0	0	0	0	0	396	0	0		396
Total	502	0	0	0	0	402	0	11		916



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
-----------------------	-------------------	-------	--------------------	-----------------	--------------	-------------	-------------------	---------------------	-------------------------	------------------	----------------

Proposed Treatments:

78	71046078-CCR	36.1	4130 - Aspen	9	61	111-140	Harvest	Clearcut	413 - Aspen	Planting Record	No
-----------	---------------------	------	--------------	---	----	---------	---------	----------	-------------	-----------------	----

Prescription Final harvest stand, cut all trees 2" and up, leave 3-10% area retention.Specs:Next Step Monitoring, Natural Regen (Re-Inventory)Treatments:Acceptable Aspen, Fir, Oak & Maple that meet minimum stocking requirements.Regen:Other Add drumming log and brush pile specs.Comment:Site Condition:Proposed Start Date: 10/01/2026

2	71046002.20_NF	8.0	3105 - Mixed Upland Herbaceous	99			NonForestMgt	Openings Mgmt.	310 - Herbaceous Openland	Previous Inventory	No
----------	-----------------------	-----	--------------------------------	----	--	--	--------------	----------------	---------------------------	--------------------	----

Prescription Mow, cultivate, fertilize, seed as required to maintain established Wildlife Opening, Denton Creek Field 4.Specs:Next StepTreatments:AcceptableRegen:OtherComment:Site Condition:Proposed Start Date: 10/01/2026

8	71046008.5_NF	3.0	3102 - Grass	99			NonForestMgt	Openings Mgmt.	310 - Herbaceous Openland	Previous Inventory	No
----------	----------------------	-----	--------------	----	--	--	--------------	----------------	---------------------------	--------------------	----

Prescription Mow, cultivate, fertilize, seed as required to maintain established Wildlife Opening, Denton Creek Field 3.Specs:Next StepTreatments:AcceptableRegen:Other access involves crossing a narrow wet swale so maintenance work will be limited to a dry yearComment:Site Condition:Proposed Start Date: 10/01/2026



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
50	71046050-CT	92.1	42110 - Planted Red Pine	9		111- 140	Harvest	Thinning	4211 - Planted Red Pine	Planting Record	No
<u>Prescription</u> Thin stand down to an average of 120 BA throughout. Remove poor formed and suppressed trees first. Focus on crown spacing to increase tree growth. <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> 10/01/2026											
58	71046058-CCR	22.7	4130 - Aspen	6	56	81-110	Harvest	Clearcut	413 - Aspen	Planting Record	No
<u>Prescription</u> Final harvest stand, cut all trees 2" and up, leave 3-10% area retention. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Aspen, Fir, Maple, Pine & Oak that meet minimum stocking requirements. <u>Regen:</u> <u>Other</u> Add drumming log and brush pile specs. Add oak wilt spec <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026											
60	71046060-CCR	87.7	4130 - Aspen	6	54	51-80	Harvest	Clearcut	413 - Aspen	Planting Record	No
<u>Prescription</u> Final harvest stand, cut all trees 1" and up, leave 3-10% area retention. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Aspen, Fir, Maple, Cherry & Oak that meet minimum stocking requirements. <u>Regen:</u> <u>Other</u> Add drumming log and brush pile specs. <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026											
66	71046066-CT	14.3	42110 - Planted Red Pine	9	61	111- 140	Harvest	Thinning	4211 - Planted Red Pine	Planting Record	No
<u>Prescription</u> Remove 1/3 of the stands volume, cut all jack pine & oak. Thin red pine to improve crown spacing and encourage growth, mark suppressed / <u>Specs:</u> poor formed trees first. <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> <u>Regen:</u> <u>Other</u> Add oak wilt spec <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026											



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
----------------	-------	-----------------	--------------	-----------	----------	----------------	------------------	----------------------	---------------	-------------

1	71046001-CCR	85.5	4133 - Aspen, Mixed Pine	6	63	111-140	Harvest	Clearcut	4133 - Aspen, Mixed Pine	Planting Record	No
---	--------------	------	--------------------------	---	----	---------	---------	----------	--------------------------	-----------------	----

Prescription Cut all trees 2" and up. Leave 3-10% area retention in multiple islands to retain some overstory red pine for vertical structure and seed source. Include some retention along wildlife opening/gate to prevent RDR's. Protect white pine regeneration & any legacy trees

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Aspen, Fir, Maple, Cherry & Oak that meet minimum stocking requirements.

Regen:

Other Add drumming log / brush pile specAdd snowmobile spec. It is okay to extend harvest into adjacent lowland mixed stand to grab any merchantable aspen that is on operable ground. Buffer bogs and any lowland areas per BMP guidelines. Some in SW corner visible on satellite imagery that are unmapped. May need to delay harvest due to green up concerns for forest cert. from harvest directly to the west

Comment:

Site Condition:

Proposed Start Date: 10/01/2026

68	71046068-Cut	33.8	4121 - Oak, Aspen	6	46	81-110	Harvest	Clearcut	4199 - Other Mixed Upland Deciduous	Planting Record	No
----	--------------	------	-------------------	---	----	--------	---------	----------	-------------------------------------	-----------------	----

Prescription Final harvest stand, cut all tree's 2" and up. Leave 3-10% area retention in islands focusing on large crowned oak for mast production and areas of white oak.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Aspen, Oak, Cherry & Maple that meet minimum m stocking requirements.

Regen:

Other Add oak wilt specAdd drumming log spec

Comment:

Site Condition:

Proposed Start Date: 10/01/2026

101	71046101-Monitor	6.1	6128 - Lowland Coniferous, Mixed Deciduous	6	101		Monitoring	Monitoring - Regeneration	6120 - Lowland Cedar	Planting Record	No
-----	------------------	-----	--	---	-----	--	------------	---------------------------	----------------------	-----------------	----

Prescription Needs more time for regeneration due to low ground and species.

Specs:

Next Step

Treatments:

Acceptable Acceptable regeneration will be a mix of cedar and lowland conifer species to a fully stocked stand.

Regen:

Other Percent to Treat = 100%

Comment:

Site Condition:

Proposed Start Date: 10/01/2026



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
----------------	-------	-----------------	--------------	-----------	----------	----------------	------------------	----------------------	---------------	-------------

90	71046090-CC	14.5	4139 - Aspen, Mixed Deciduous	6	52	81-110	Harvest	Clearcut	413 - Aspen	Planting Record	No
----	-------------	------	-------------------------------	---	----	--------	---------	----------	-------------	-----------------	----

Prescription Final harvest stand, cut all trees 2" and up, no retention due to small stand size.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Aspen, Fir, Maple & Oak that meet minimum stocking requirements.

Regen:

Other If private access is not granted, build an access road off of Emery Road, adjust sale factor to alleviate costs. Add drumming log and brush pile specs.

Site Condition: Road Needed

Proposed Start Date: 10/01/2026

94	71046094-CC	7.0	4199 - Other Mixed Upland Deciduous	6	52	51-80	Harvest	Clearcut	4199 - Other Mixed Upland Deciduous	Planting Record	No
----	-------------	-----	-------------------------------------	---	----	-------	---------	----------	-------------------------------------	-----------------	----

Prescription Final harvest stand, cut all trees 2" and up. No retention due to small stand size

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Aspen, Cherry, Maple, Pine, & Oak that meet minimum stocking requirements.

Regen:

Other If private access is not granted, build an access road off of Emery Road, adjust sale factor to alleviate costs. This road will be blocked off from vehicle traffic upon completion of the sale.

Site Condition: Road Needed

Proposed Start Date: 10/01/2026

95	71046095-ST	8.9	4311 - Pine, Aspen Mix	9	93	81-110	Harvest	Seed Tree	4311 - Pine, Aspen Mix	Planting Record	No
----	-------------	-----	------------------------	---	----	--------	---------	-----------	------------------------	-----------------	----

Prescription Cut all trees 2" and up, except mark to leave seed trees (red and white pine) to achieve 10-30 sq. ft/ac. No retention due to stand size.

Specs: Protect current pine regeneration

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Aspen, Maple, Pine & Oak that meet minimum stocking requirements.

Regen:

Other Add drumming log / brush pile spec Add snowmobile spec. Protect legacy trees May need to delay harvest due to green up concerns for forest cert. from harvest directly to the west

Site Condition:

Proposed Start Date: 10/01/2026

96	71046096-CCR	46.6	4139 - Aspen, Mixed Deciduous	9	61	111-140	Harvest	Clearcut	413 - Aspen	Planting Record	No
----	--------------	------	-------------------------------	---	----	---------	---------	----------	-------------	-----------------	----

Prescription Final harvest stand, cut all trees 2" and up. Leave 3-10% area retention leaving in at least two islands. Avoid leaving retention along property lines and access roads

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Aspen, Maple, Cherry, Oak, & Pine that meet minimum stocking requirements.

Regen:

Other Apply drumming log and brush pile specs. If private access is not granted, build an access road off of Emery Road, adjust sale factor to alleviate costs. This road will be blocked off from vehicle traffic upon completion of the sale.

Site Condition: Survey Needed

Proposed Start Date: 10/01/2026



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
97	71046097-CC	8.7	4130 - Aspen	5	60	111-140	Harvest	Clearcut	413 - Aspen	Planting Record	No
<u>Prescription</u> Final harvest stand, cut all trees 2" and up. No retention due to small stand size. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Aspen, Maple, Oak, & Pine that meet minimum stocking requirements. <u>Regen:</u> <u>Other</u> Add drumming log spec If private access is not granted, build an access road off of Emery Road, adjust sale factor to alleviate costs. This <u>Comment:</u> road will be blocked off from vehicle traffic upon completion of the sale <u>Site Condition:</u> Survey Needed <u>Proposed Start Date:</u> 10/01/2026											
98	71046098-CC	8.5	4199 - Other Mixed Upland Deciduous	6	83	111-140	Harvest	Clearcut	4199 - Other Mixed Upland Deciduous	Planting Record	No
<u>Prescription</u> Final harvest stand, cut all trees 2" and up. No retention due to small stand size <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Aspen, Maple, Oak, & Pine that meet minimum stocking requirements. <u>Regen:</u> <u>Other</u> If private access is not granted, build an access road off of Emery Road, adjust sale factor to alleviate costs. This road will be blocked off <u>Comment:</u> from vehicle traffic upon completion of the sale. <u>Site Condition:</u> Survey Needed <u>Proposed Start Date:</u> 10/01/2026											
100	71046100-CCR	28.6	4131 - Aspen, Oak	6	61	111-140	Harvest	Clearcut	413 - Aspen	Planting Record	No
<u>Prescription</u> Final harvest stand, cut all trees 2" and up. leave 3-10% area retention. Avoid leaving retention along private property line to avoid trespass <u>Specs:</u> issues. <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Aspen, Oak, Pine, & Cherry that meet minimum stocking requirements. <u>Regen:</u> <u>Other</u> Apply drumming log spec. Request producer block off management access trail following harvest. <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026											
67	71046067-CC	7.4	4130 - Aspen	6	56	81-110	Harvest	Clearcut	413 - Aspen	Planting Record	No
<u>Prescription</u> Final harvest stand, cut all trees 2" and up, no retention due to small stand size. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Aspen, Maple, Fir, & Oak that meet minimum stocking requirements. <u>Regen:</u> <u>Other</u> Add oak wilt spec Add drumming log & brush pile spec <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026											



S t a n d									Year of Entry: 2027		
	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	

Total Treatment
Acreage Proposed: 519.5



Availability for Management

Total Acres Acres Available Acres With Condition Acres Not Available

Dominant Site Conditions

2B 2I 5C 2A 2G 2H 3G

735	467	269	0	Aspen	141	55	72				
13	13	0	0	Bog							
103	0	0	103	Cedar					103		
12	13	0	0	Herbaceous Openland							
32	24	0	8	Jack Pine						8	
310	10	0	300	Lowland Conifers					300		
31	27	0	4	Lowland Deciduous				4			
60	40	11	9	Lowland Mixed Forest	11				9		
174	174	0	0	Lowland Shrub							
136	136	0	1	Marsh					1		
144	122	9	14	Mixed Upland Deciduous		9				9	5
97	97	0	0	Oak							
196	196	0	0	Red Pine							
10	0	0	10	Treed Bog						10	
52	52	0	0	Upland Conifers							
26	26	0	0	Upland Mixed Forest							
37	37	0	0	Water							
4	0	0	4	White Pine							4
2,174	1,433	288	453	Total Forested Acres	152	64	72	4	413	27	9
	66%	13%	21%	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)	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:								

Report 4 – Site Conditions



2	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
3	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
4	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	16	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	59	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
6	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	13	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
7	Unavailable	5E: Long-Term Retention	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions



8	Available	2B: Unknown if access through adjacent landowner(s) is possible	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
9	Available	2I: Survey needed	64	2E: Road needed	Unspecified	Unspecified	Unspecified
Comments: A survey will be needed for the north / north west corners in able to run the private boundary lines. If access is not granted from private property a road will need to be built to access this timber.							
10	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
11	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	56	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
13	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	44	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
15	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	165	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions



17	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	17	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
19	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	23	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
20	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
21	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
22	Available	2B: Unknown if access through adjacent landowner(s) is possible	147	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
23	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	63	2B: Unknown if access through adjacent landowner(s) is possible	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions



24	Unavailable	2A: Adjacent landowner denied access	4	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments: Type 2 Old Growth							
25	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
27	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
28	Unavailable	5E: Long-Term Retention	3	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments: Buffer on "L" Type from cut to the west							
29	Unavailable	5E: Long-Term Retention	1	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							
30	Unavailable	3G: Other influence zones - See comments	5	3D: Recreational/scenic values	3J: Water quality/BMPs (stream, river, or lake)	Unspecified	Unspecified
Comments: Maintain as visual and BMP buffer for now - see stand comments							

Report 4 – Site Conditions



32	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	10	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							
33	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
35	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	9	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							
36	Unavailable	3G: Other influence zones - See comments	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Potential for Type 2 Old Growth if left alone							

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
71119017 Comments Type 2 Old Growth	Type 1 or Type 2 Old Growth	Possible Type 2 Old Growth	SCA	4
71119024 Comments Type 2 Old Growth	Type 1 or Type 2 Old Growth	Possible Type 2 Old Growth	SCA	7
71119023 Comments Type 2 Old Growth	Type 1 or Type 2 Old Growth	Possible Type 2 Old Growth	SCA	16



</







Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																													
24	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	5.3	61	111-140	N/A	over nature mixed stand. Some legacy oak in high decline																																																													
		<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>White Pine</td><td>35</td><td></td><td>9</td><td>61</td></tr><tr><td>Red Maple</td><td>10</td><td></td><td>15</td><td></td></tr><tr><td>Red Maple</td><td>10</td><td>Seedling</td><td>9</td><td></td></tr><tr><td>Bigtooth Aspen</td><td>30</td><td>Seedling</td><td>9</td><td>76</td></tr><tr><td>Red Oak</td><td>15</td><td></td><td>19</td><td></td></tr></table>	Canopy Species	% Cover	Size Class	DBH	Age	White Pine	35		9	61	Red Maple	10		15		Red Maple	10	Seedling	9		Bigtooth Aspen	30	Seedling	9	76	Red Oak	15		19				<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>White Pine</td><td>High</td><td>Variable</td><td>Variable</td></tr><tr><td>Red Pine</td><td>Low</td><td>Variable</td><td>Variable</td></tr></table>	Sub-Canopy Species	Density	Avg. Height	Size	White Pine	High	Variable	Variable	Red Pine	Low	Variable	Variable																					
Canopy Species	% Cover	Size Class	DBH	Age																																																																
White Pine	35		9	61																																																																
Red Maple	10		15																																																																	
Red Maple	10	Seedling	9																																																																	
Bigtooth Aspen	30	Seedling	9	76																																																																
Red Oak	15		19																																																																	
Sub-Canopy Species	Density	Avg. Height	Size																																																																	
White Pine	High	Variable	Variable																																																																	
Red Pine	Low	Variable	Variable																																																																	
25	4130 - Aspen	Sapling Well	9.1	27		N/A	cut 1997. Nice sapling stans almost a pole stand will be next entry																																																													
		<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>White Pine</td><td>5</td><td>Seedling</td><td>5</td><td></td></tr><tr><td>Balsam Fir</td><td>5</td><td>Log</td><td>2</td><td></td></tr><tr><td>Bigtooth Aspen</td><td>80</td><td></td><td>3</td><td>27</td></tr><tr><td>Red Oak</td><td>10</td><td>Log</td><td>2</td><td></td></tr></table>	Canopy Species	% Cover	Size Class	DBH	Age	White Pine	5	Seedling	5		Balsam Fir	5	Log	2		Bigtooth Aspen	80		3	27	Red Oak	10	Log	2				<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>White Pine</td><td>Low</td><td>Variable</td><td>Variable</td></tr><tr><td>Red Oak</td><td>Low</td><td>Variable</td><td>Variable</td></tr></table>	Sub-Canopy Species	Density	Avg. Height	Size	White Pine	Low	Variable	Variable	Red Oak	Low	Variable	Variable																										
Canopy Species	% Cover	Size Class	DBH	Age																																																																
White Pine	5	Seedling	5																																																																	
Balsam Fir	5	Log	2																																																																	
Bigtooth Aspen	80		3	27																																																																
Red Oak	10	Log	2																																																																	
Sub-Canopy Species	Density	Avg. Height	Size																																																																	
White Pine	Low	Variable	Variable																																																																	
Red Oak	Low	Variable	Variable																																																																	
26	4130 - Aspen	Sapling Well	15.1	9	Immature	N/A	Nicely stocked a3 stand some scattered and oak spread throughout. Cut in 2017																																																													
		<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Quaking Aspen</td><td>30</td><td>Log</td><td>1</td><td>9</td></tr><tr><td>Balsam Fir</td><td>2</td><td>Log</td><td>1</td><td></td></tr><tr><td>Bigtooth Aspen</td><td>45</td><td>Log</td><td>1</td><td>9</td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>1</td><td>Seedling</td><td>7</td><td></td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>5</td><td>Log</td><td>1</td><td></td></tr><tr><td>White Pine</td><td>2</td><td>Seedling</td><td>7</td><td></td></tr><tr><td>White Pine</td><td>5</td><td>Log</td><td>1</td><td></td></tr><tr><td>Black Cherry</td><td>10</td><td>Log</td><td>1</td><td></td></tr></table>	Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	30	Log	1	9	Balsam Fir	2	Log	1		Bigtooth Aspen	45	Log	1	9	Black/Red (Hybrid) Oak	1	Seedling	7		Black/Red (Hybrid) Oak	5	Log	1		White Pine	2	Seedling	7		White Pine	5	Log	1		Black Cherry	10	Log	1				<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Mixed Sedges/Grasses</td><td>High</td><td>Not Applicable</td><td>Not Applicable</td></tr><tr><td>Blackberry/Raspberry</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Bracken Fern</td><td>Medium</td><td>Not Applicable</td><td>Not Applicable</td></tr></table>	Sub-Canopy Species	Density	Avg. Height	Size	Mixed Sedges/Grasses	High	Not Applicable	Not Applicable	Blackberry/Raspberry	Low	5 - 10 feet	5 - 10 feet	Bracken Fern	Medium	Not Applicable	Not Applicable		
Canopy Species	% Cover	Size Class	DBH	Age																																																																
Quaking Aspen	30	Log	1	9																																																																
Balsam Fir	2	Log	1																																																																	
Bigtooth Aspen	45	Log	1	9																																																																
Black/Red (Hybrid) Oak	1	Seedling	7																																																																	
Black/Red (Hybrid) Oak	5	Log	1																																																																	
White Pine	2	Seedling	7																																																																	
White Pine	5	Log	1																																																																	
Black Cherry	10	Log	1																																																																	
Sub-Canopy Species	Density	Avg. Height	Size																																																																	
Mixed Sedges/Grasses	High	Not Applicable	Not Applicable																																																																	
Blackberry/Raspberry	Low	5 - 10 feet	5 - 10 feet																																																																	
Bracken Fern	Medium	Not Applicable	Not Applicable																																																																	
27	622 - Lowland Shrub	Unspecifed	77.1			No																																																														
28	6124 - Lowland Spruce-Fir	Poletimber Well	6.8	38		N/A	Lowland spruce fir with red maple																																																													
		<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Balsam Fir</td><td>30</td><td>Seedling</td><td>6</td><td>38</td></tr><tr><td>White Pine</td><td>10</td><td></td><td>9</td><td></td></tr><tr><td>Red Maple</td><td>25</td><td>Seedling</td><td>8</td><td>61</td></tr><tr><td>Paper Birch</td><td>10</td><td>Seedling</td><td>7</td><td></td></tr><tr><td>Black Spruce</td><td>20</td><td>Log</td><td>3</td><td></td></tr><tr><td>Quaking Aspen</td><td>5</td><td>Seedling</td><td>8</td><td></td></tr></table>	Canopy Species	% Cover	Size Class	DBH	Age	Balsam Fir	30	Seedling	6	38	White Pine	10		9		Red Maple	25	Seedling	8	61	Paper Birch	10	Seedling	7		Black Spruce	20	Log	3		Quaking Aspen	5	Seedling	8				<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Balsam Fir</td><td>High</td><td>Variable</td><td>Variable</td></tr><tr><td>White Pine</td><td>Low</td><td>Variable</td><td>Variable</td></tr></table>	Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	High	Variable	Variable	White Pine	Low	Variable	Variable																
Canopy Species	% Cover	Size Class	DBH	Age																																																																
Balsam Fir	30	Seedling	6	38																																																																
White Pine	10		9																																																																	
Red Maple	25	Seedling	8	61																																																																
Paper Birch	10	Seedling	7																																																																	
Black Spruce	20	Log	3																																																																	
Quaking Aspen	5	Seedling	8																																																																	
Sub-Canopy Species	Density	Avg. Height	Size																																																																	
Balsam Fir	High	Variable	Variable																																																																	
White Pine	Low	Variable	Variable																																																																	



<



<



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																								
49	4125 - Black, N. Pin Oak	Poletimber Medium	63.4	46	1-50	N/A	Low density oak stand with scattered pine, and some aspen clones. Certainly lower site index. High deer activity. Pine coming in fairly heavy in some areas in understory																																																								
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Pine</td><td>3</td><td></td><td>11</td><td></td></tr><tr><td>Bigtooth Aspen</td><td>5</td><td></td><td>11</td><td></td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>65</td><td>Seedling</td><td>8</td><td>46</td></tr><tr><td>White Pine</td><td>5</td><td></td><td>10</td><td></td></tr><tr><td>Jack Pine</td><td>7</td><td>Seedling</td><td>9</td><td></td></tr><tr><td>Quaking Aspen</td><td>15</td><td></td><td>6</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Red Pine	3		11		Bigtooth Aspen	5		11		Black/Red (Hybrid) Oak	65	Seedling	8	46	White Pine	5		10		Jack Pine	7	Seedling	9		Quaking Aspen	15		6		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Red Pine</td><td>Medium</td><td>Variable</td><td>Variable</td></tr><tr><td>Pin Cherry</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Cladonia (Reindeer moss)</td><td>Medium</td><td>Not Applicable</td><td>Not Applicable</td></tr><tr><td>White Pine</td><td>Low</td><td>< 5 feet</td><td>< 5 feet</td></tr><tr><td>Jack Pine</td><td>Low</td><td>Variable</td><td>Variable</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Pine	Medium	Variable	Variable	Pin Cherry	Medium	5 - 10 feet	5 - 10 feet	Cladonia (Reindeer moss)	Medium	Not Applicable	Not Applicable	White Pine	Low	< 5 feet	< 5 feet	Jack Pine	Low	Variable	Variable
Canopy Species	% Cover	Size Class	DBH	Age																																																											
Red Pine	3		11																																																												
Bigtooth Aspen	5		11																																																												
Black/Red (Hybrid) Oak	65	Seedling	8	46																																																											
White Pine	5		10																																																												
Jack Pine	7	Seedling	9																																																												
Quaking Aspen	15		6																																																												
Sub-Canopy Species	Density	Avg. Height	Size																																																												
Red Pine	Medium	Variable	Variable																																																												
Pin Cherry	Medium	5 - 10 feet	5 - 10 feet																																																												
Cladonia (Reindeer moss)	Medium	Not Applicable	Not Applicable																																																												
White Pine	Low	< 5 feet	< 5 feet																																																												
Jack Pine	Low	Variable	Variable																																																												
50	42110 - Planted Red Pine	Sawtimber Well	92.1		111-140	N/A																																																									
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>White Oak</td><td>3</td><td></td><td>12</td><td></td></tr><tr><td>Red Pine</td><td>90</td><td></td><td>12</td><td>76</td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>6</td><td></td><td>12</td><td></td></tr><tr><td>White Pine</td><td>1</td><td></td><td>12</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age	White Oak	3		12		Red Pine	90		12	76	Black/Red (Hybrid) Oak	6		12		White Pine	1		12		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Black/Red (Hybrid) Oak</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Pin Cherry</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Red Maple</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Bigtooth Aspen</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>White Oak</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Black/Red (Hybrid) Oak	Low	5 - 10 feet	5 - 10 feet	Pin Cherry	Medium	5 - 10 feet	5 - 10 feet	Red Maple	Medium	5 - 10 feet	5 - 10 feet	Bigtooth Aspen	Low	5 - 10 feet	5 - 10 feet	White Oak	Medium	5 - 10 feet	5 - 10 feet											
Canopy Species	% Cover	Size Class	DBH	Age																																																											
White Oak	3		12																																																												
Red Pine	90		12	76																																																											
Black/Red (Hybrid) Oak	6		12																																																												
White Pine	1		12																																																												
Sub-Canopy Species	Density	Avg. Height	Size																																																												
Black/Red (Hybrid) Oak	Low	5 - 10 feet	5 - 10 feet																																																												
Pin Cherry	Medium	5 - 10 feet	5 - 10 feet																																																												
Red Maple	Medium	5 - 10 feet	5 - 10 feet																																																												
Bigtooth Aspen	Low	5 - 10 feet	5 - 10 feet																																																												
White Oak	Medium	5 - 10 feet	5 - 10 feet																																																												
51	622 - Lowland Shrub	Unspecifed	4.6			No																																																									
52	4319 - Mixed Upland Forest	Poletimber Medium	16.7	49	51-80	N/A	Mixed stand																																																								
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Quaking Aspen</td><td>12</td><td>Seedling</td><td>5</td><td></td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>5</td><td>Seedling</td><td>5</td><td></td></tr><tr><td>White Pine</td><td>20</td><td></td><td>9</td><td></td></tr><tr><td>Red Maple</td><td>40</td><td></td><td>8</td><td>49</td></tr><tr><td>Balsam Fir</td><td>23</td><td>Seedling</td><td>5</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	12	Seedling	5		Black/Red (Hybrid) Oak	5	Seedling	5		White Pine	20		9		Red Maple	40		8	49	Balsam Fir	23	Seedling	5		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Balsam Fir</td><td>Low</td><td>Variable</td><td>Variable</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Low	Variable	Variable																						
Canopy Species	% Cover	Size Class	DBH	Age																																																											
Quaking Aspen	12	Seedling	5																																																												
Black/Red (Hybrid) Oak	5	Seedling	5																																																												
White Pine	20		9																																																												
Red Maple	40		8	49																																																											
Balsam Fir	23	Seedling	5																																																												
Sub-Canopy Species	Density	Avg. Height	Size																																																												
Balsam Fir	Low	Variable	Variable																																																												
53	4199 - Other Mixed Upland Deciduous	Sapling Well	7.5	33	1-50	N/A	Appears to be seasonally flooded																																																								
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Black/Red (Hybrid) Oak</td><td>15</td><td>Pole</td><td>3</td><td></td></tr><tr><td>White Pine</td><td>5</td><td>Pole</td><td>3</td><td></td></tr><tr><td>Jack Pine</td><td>5</td><td>Pole</td><td>3</td><td></td></tr><tr><td>Red Maple</td><td>35</td><td>Pole</td><td>4</td><td></td></tr><tr><td>Paper Birch</td><td>5</td><td></td><td>5</td><td></td></tr><tr><td>Quaking Aspen</td><td>35</td><td></td><td>6</td><td>33</td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age	Black/Red (Hybrid) Oak	15	Pole	3		White Pine	5	Pole	3		Jack Pine	5	Pole	3		Red Maple	35	Pole	4		Paper Birch	5		5		Quaking Aspen	35		6	33	<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Red Maple</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Low	5 - 10 feet	5 - 10 feet																	
Canopy Species	% Cover	Size Class	DBH	Age																																																											
Black/Red (Hybrid) Oak	15	Pole	3																																																												
White Pine	5	Pole	3																																																												
Jack Pine	5	Pole	3																																																												
Red Maple	35	Pole	4																																																												
Paper Birch	5		5																																																												
Quaking Aspen	35		6	33																																																											
Sub-Canopy Species	Density	Avg. Height	Size																																																												
Red Maple	Low	5 - 10 feet	5 - 10 feet																																																												
54	4130 - Aspen	Poletimber Well	58.8	49		N/A	Harvest with compartment to the north due to access issues.																																																								
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Quaking Aspen</td><td>95</td><td>Seedling</td><td>8</td><td>49</td></tr><tr><td>Balsam Fir</td><td>5</td><td>Seedling</td><td>5</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	95	Seedling	8	49	Balsam Fir	5	Seedling	5		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Balsam Fir</td><td>Low</td><td>Variable</td><td>Variable</td></tr><tr><td>Pin Cherry</td><td>Low</td><td>Variable</td><td>Variable</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Low	Variable	Variable	Pin Cherry	Low	Variable	Variable																																	
Canopy Species	% Cover	Size Class	DBH	Age																																																											
Quaking Aspen	95	Seedling	8	49																																																											
Balsam Fir	5	Seedling	5																																																												
Sub-Canopy Species	Density	Avg. Height	Size																																																												
Balsam Fir	Low	Variable	Variable																																																												
Pin Cherry	Low	Variable	Variable																																																												



<



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments				
64	42110 - Planted Red Pine	Sawtimber Well	11.8	75	81-110	N/A	Red pine plantation along swamp edge. Appears to have aspen and maple removed 20+ Thinned in 2020				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	
Black/Red (Hybrid) Oak		10		12		Balsam Fir		Medium	Variable	Variable	
Red Pine		90		12	75	Red Maple		Medium	10 - 20 feet	10 - 20 feet	
65	4199 - Other Mixed Upland Deciduous	Sapling Medium	85.6	49	1-50	N/A	Low density cherry brush stand with scattered oak stump sprouts and scattered aspen clones.Previous Survey Date06/04/2015				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	
Black/Red (Hybrid) Oak		30	Pole	4		Pin Cherry		Medium	5 - 10 feet	5 - 10 feet	
Bigtooth Aspen		5	Pole	4		Black/Red (Hybrid) Oak		Low	5 - 10 feet	5 - 10 feet	
Quaking Aspen		5	Pole	4							
Pin Cherry		60	Pole	3	49						
66	42110 - Planted Red Pine	Sawtimber Well	14.3	61	111-140	N/A	A majority of the oak has died out of this stand, the rest is in poor health. Pole/log sized red pine and jack pine. Rows not consistent. Minimal crown spacing.				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	
Red Pine		85		8	61	Balsam Fir		Low	Variable	Variable	
Black/Red (Hybrid) Oak		8		12	115	White Pine		Low	Variable	Variable	
Jack Pine		7	Seedling	6		Witch Hazel		Low	5 - 10 feet	5 - 10 feet	
67	4130 - Aspen	Poletimber Well	7.4	56	81-110	N/A	Nice looking aspen stand				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	
Bigtooth Aspen		100		9	56	Red Maple		Medium	10 - 20 feet	10 - 20 feet	
68	4121 - Oak, Aspen	Poletimber Well	33.8	46	81-110	N/A	Lower quality oak stand with many aspen clones scattered throughout.				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	
Black/Red (Hybrid) Oak		60		9	46	Pin Cherry		Medium	5 - 10 feet	5 - 10 feet	
Bigtooth Aspen		30		9							
Pin Cherry		5	Log	2							
White Oak		5	Seedling	6							
69	42110 - Planted Red Pine	Sapling Well	78.2	3	Immature	N/A	Trenched fall 2020, site prep sprayed summer 2021. Planted 894 TPA spring 2022. Release sprayed fall 2023. Year 3 regen check shows 794 TPA at 94% FTG.nice immature fully stocked red pine plantation				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	
Northern Pin Oak		5	Log	1		Bracken Fern		Low	Not Applicable	Not Applicable	
Red Pine		95	Log	1	3	Sweet Fern		Low	5 - 10 feet	5 - 10 feet	
						Mixed Sedges/Grasses		Medium	Not Applicable	Not Applicable	
70	6229 - Mixed Lowland Shrub	Unspecified	31.3			No					



</



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																		
80	4130 - Aspen	Sapling Well	48.0	6	Immature	N/A	Cut spring 2019. Previously a low quality pole aspen stands5																																																		
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Quaking Aspen</td><td>70</td><td>Log</td><td>1</td><td>6</td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>7</td><td>Log</td><td>1</td><td></td></tr><tr><td>Jack Pine</td><td>5</td><td>Log</td><td>1</td><td></td></tr><tr><td>Black Cherry</td><td>18</td><td>Log</td><td>1</td><td></td></tr></table>			Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	70	Log	1	6	Black/Red (Hybrid) Oak	7	Log	1		Jack Pine	5	Log	1		Black Cherry	18	Log	1		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Mixed Sedges/Grasses</td><td>High</td><td>Not Applicable</td><td>Not Applicable</td></tr><tr><td>Bracken Fern</td><td>Medium</td><td>Not Applicable</td><td>Not Applicable</td></tr></table>				Sub-Canopy Species	Density	Avg. Height	Size	Mixed Sedges/Grasses	High	Not Applicable	Not Applicable	Bracken Fern	Medium	Not Applicable	Not Applicable														
Canopy Species	% Cover	Size Class	DBH	Age																																																					
Quaking Aspen	70	Log	1	6																																																					
Black/Red (Hybrid) Oak	7	Log	1																																																						
Jack Pine	5	Log	1																																																						
Black Cherry	18	Log	1																																																						
Sub-Canopy Species	Density	Avg. Height	Size																																																						
Mixed Sedges/Grasses	High	Not Applicable	Not Applicable																																																						
Bracken Fern	Medium	Not Applicable	Not Applicable																																																						
81	4199 - Other Mixed Upland Deciduous	Sapling Medium	4.7	6	Immature	N/A																																																			
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Black/Red (Hybrid) Oak</td><td>15</td><td>Log</td><td>1</td><td></td></tr><tr><td>Jack Pine</td><td>15</td><td>Log</td><td>1</td><td></td></tr><tr><td>Black Cherry</td><td>40</td><td>Log</td><td>1</td><td>6</td></tr><tr><td>Quaking Aspen</td><td>30</td><td>Log</td><td>1</td><td></td></tr></table>			Canopy Species	% Cover	Size Class	DBH	Age	Black/Red (Hybrid) Oak	15	Log	1		Jack Pine	15	Log	1		Black Cherry	40	Log	1	6	Quaking Aspen	30	Log	1		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Mixed Sedges/Grasses</td><td>Full</td><td>Not Applicable</td><td>Not Applicable</td></tr></table>				Sub-Canopy Species	Density	Avg. Height	Size	Mixed Sedges/Grasses	Full	Not Applicable	Not Applicable																		
Canopy Species	% Cover	Size Class	DBH	Age																																																					
Black/Red (Hybrid) Oak	15	Log	1																																																						
Jack Pine	15	Log	1																																																						
Black Cherry	40	Log	1	6																																																					
Quaking Aspen	30	Log	1																																																						
Sub-Canopy Species	Density	Avg. Height	Size																																																						
Mixed Sedges/Grasses	Full	Not Applicable	Not Applicable																																																						
82	4131 - Aspen, Oak	Poletimber Well	49.3	36	51-80	N/A	Cut in 1990. Nice aspen stand mixed with oak saplings																																																		
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Pine</td><td>2</td><td>Seedling</td><td>9</td><td></td></tr><tr><td>White Oak</td><td>2</td><td>Log</td><td>2</td><td></td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>20</td><td>Log</td><td>3</td><td></td></tr><tr><td>Jack Pine</td><td>15</td><td>Sapling</td><td>5</td><td></td></tr><tr><td>Quaking Aspen</td><td>51</td><td>Sapling</td><td>7</td><td>36</td></tr><tr><td>Pin Cherry</td><td>10</td><td>Log</td><td>2</td><td></td></tr></table>			Canopy Species	% Cover	Size Class	DBH	Age	Red Pine	2	Seedling	9		White Oak	2	Log	2		Black/Red (Hybrid) Oak	20	Log	3		Jack Pine	15	Sapling	5		Quaking Aspen	51	Sapling	7	36	Pin Cherry	10	Log	2		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Pin Cherry</td><td>Low</td><td>Variable</td><td>Variable</td></tr><tr><td>Balsam Fir</td><td>Trace</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Mixed Sedges/Grasses</td><td>High</td><td>Not Applicable</td><td>Not Applicable</td></tr></table>				Sub-Canopy Species	Density	Avg. Height	Size	Pin Cherry	Low	Variable	Variable	Balsam Fir	Trace	10 - 20 feet	10 - 20 feet	Mixed Sedges/Grasses	High	Not Applicable	Not Applicable
Canopy Species	% Cover	Size Class	DBH	Age																																																					
Red Pine	2	Seedling	9																																																						
White Oak	2	Log	2																																																						
Black/Red (Hybrid) Oak	20	Log	3																																																						
Jack Pine	15	Sapling	5																																																						
Quaking Aspen	51	Sapling	7	36																																																					
Pin Cherry	10	Log	2																																																						
Sub-Canopy Species	Density	Avg. Height	Size																																																						
Pin Cherry	Low	Variable	Variable																																																						
Balsam Fir	Trace	10 - 20 feet	10 - 20 feet																																																						
Mixed Sedges/Grasses	High	Not Applicable	Not Applicable																																																						
83	42221 - Natural Jack Pine, Mixed Deciduous	Poletimber Well	23.7	52	51-80	N/A	D.R.I.P. cut origin jack pine, just reaching pole size and growing well, hold 10 years																																																		
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Quaking Aspen</td><td>10</td><td>Sapling</td><td>5</td><td></td></tr><tr><td>Red Maple</td><td>5</td><td>Sapling</td><td>5</td><td></td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>15</td><td></td><td>9</td><td></td></tr><tr><td>Jack Pine</td><td>70</td><td>Seedling</td><td>8</td><td>52</td></tr></table>			Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	10	Sapling	5		Red Maple	5	Sapling	5		Black/Red (Hybrid) Oak	15		9		Jack Pine	70	Seedling	8	52	<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Black/Red (Hybrid) Oak</td><td>Low</td><td>Variable</td><td>Variable</td></tr><tr><td>Mixed Sedges/Grasses</td><td>Medium</td><td>Not Applicable</td><td>Not Applicable</td></tr><tr><td>Bracken Fern</td><td>Medium</td><td>Not Applicable</td><td>Not Applicable</td></tr><tr><td>Pin Cherry</td><td>Low</td><td>Variable</td><td>Variable</td></tr></table>				Sub-Canopy Species	Density	Avg. Height	Size	Black/Red (Hybrid) Oak	Low	Variable	Variable	Mixed Sedges/Grasses	Medium	Not Applicable	Not Applicable	Bracken Fern	Medium	Not Applicable	Not Applicable	Pin Cherry	Low	Variable	Variable						
Canopy Species	% Cover	Size Class	DBH	Age																																																					
Quaking Aspen	10	Sapling	5																																																						
Red Maple	5	Sapling	5																																																						
Black/Red (Hybrid) Oak	15		9																																																						
Jack Pine	70	Seedling	8	52																																																					
Sub-Canopy Species	Density	Avg. Height	Size																																																						
Black/Red (Hybrid) Oak	Low	Variable	Variable																																																						
Mixed Sedges/Grasses	Medium	Not Applicable	Not Applicable																																																						
Bracken Fern	Medium	Not Applicable	Not Applicable																																																						
Pin Cherry	Low	Variable	Variable																																																						
86	622 - Lowland Shrub	Unspecified	5.5			No	Tag alder and some willow brush, parts flooded																																																		
87	4191 - Mixed Upland Deciduous with Conifer	Sapling Medium	17.0	22	Immature	N/A	Stand has some good jack pine regeneration on south end of stand along the road(planted?). Stand fades to aspen/red maple stand with jack pine mixed in to the north.																																																		
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Maple</td><td>10</td><td>Log</td><td>2</td><td>24</td></tr><tr><td>Quaking Aspen</td><td>30</td><td>Log</td><td>2</td><td>24</td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>20</td><td>Log</td><td>1</td><td>24</td></tr><tr><td>Jack Pine</td><td>40</td><td>Log</td><td>1</td><td>22</td></tr></table>			Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	10	Log	2	24	Quaking Aspen	30	Log	2	24	Black/Red (Hybrid) Oak	20	Log	1	24	Jack Pine	40	Log	1	22																														
Canopy Species	% Cover	Size Class	DBH	Age																																																					
Red Maple	10	Log	2	24																																																					
Quaking Aspen	30	Log	2	24																																																					
Black/Red (Hybrid) Oak	20	Log	1	24																																																					
Jack Pine	40	Log	1	22																																																					





Stand

Level 4 Cover Type

Size Density

Acres

Stand Age

BA Range

Managed Site

General Comments

94

4199 - Other Mixed Upland Deciduous

Poletimber Well

7.0

52

51-80

N/A

Similar cover type as the private property to the south. Nice mixed stand.

Canopy Species	% Cover	Size Class	DBH	Age
White Oak	10	Seedling	6	
Quaking Aspen	25	Seedling	6	52
Black/Red (Hybrid) Oak	15		9	
Jack Pine	15	Seedling	8	
Red Maple	30	Seedling	6	52
Paper Birch	5	Seedling	6	

Sub-Canopy Species	Density	Avg. Height	Size
Pin Cherry	Low	Variable	Variable
Balsam Fir	Medium	Variable	Variable

95

4311 - Pine, Aspen Mix

Sawtimber Well

8.9

93

81-110

N/A

Previously a red pine stand. Understory has now grown into the overstory. White pine legacy trees scattered throughout

Canopy Species	% Cover	Size Class	DBH	Age
Red Pine	45		15	93
Quaking Aspen	23	Sapling	6	43
Red Maple	15	Sapling	6	
Black/Red (Hybrid) Oak	7		12	
White Pine	2		18	
White Pine	8	Seedling	8	

Sub-Canopy Species	Density	Avg. Height	Size
White Pine	Medium	Variable	Variable
Balsam Fir	Low	Variable	Variable

96

4139 - Aspen, Mixed Deciduous

Sawtimber Well

46.6

61

111-140

N/A

Part of historic Deer Range Improvement Program cuts. This stand appears older than other cuts in the area.

Canopy Species	% Cover	Size Class	DBH	Age
Red Pine	2		12	
White Oak	5		6	
Red Maple	20	Sapling	7	
Paper Birch	2	Seedling	8	
Bigtooth Aspen	58		11	61
Red Oak	13		12	

Sub-Canopy Species	Density	Avg. Height	Size
Witch Hazel	Low	5 - 10 feet	5 - 10 feet
Red Oak	Low	Variable	Variable
White Oak	Low	Variable	Variable
Balsam Fir	Low	Variable	Variable
Red Maple	High	Variable	Variable

97

4130 - Aspen

Poletimber Medium

8.7

60

111-140

N/A

A little smaller than the aspen to the SE, little more of a white pine component as well.

Canopy Species	% Cover	Size Class	DBH	Age
Black/Red (Hybrid) Oak	13		16	
White Pine	7		14	
Red Maple	20		8	
Quaking Aspen	60	Seedling	7	60

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Low	Variable	Variable
White Pine	Low	Variable	Variable
Red Maple	Medium	Variable	Variable

98

4199 - Other Mixed Upland Deciduous

Poletimber Well

8.5

83

111-140

N/A

Canopy Species	% Cover	Size Class	DBH	Age
Red Oak	25		10	
Red Maple	45		8	83
Bigtooth Aspen	30		8	

Sub-Canopy Species	Density	Avg. Height	Size
Witch Hazel	Low	5 - 10 feet	5 - 10 feet
Red Maple	High	Variable	Variable

94

4199 - Other Mixed Upland Deciduous

Poletimber Well

7.0

52

51-80

N/A

Similar cover type as the private property to the south. Nice mixed stand.

Canopy Species	% Cover	Size Class	DBH	Age
White Oak	10	Seedling	6	
Quaking Aspen	25	Seedling	6	52
Black/Red (Hybrid) Oak	15		9	
Jack Pine	15	Seedling	8	
Red Maple	30	Seedling	6	52
Paper Birch	5	Seedling	6	

Sub-Canopy Species	Density	Avg. Height	Size
Pin Cherry	Low	Variable	Variable
Balsam Fir	Medium	Variable	Variable

95

4311 - Pine, Aspen Mix

Sawtimber Well

8.9

93

81-110

N/A

Previously a red pine stand. Understory has now grown into the overstory. White pine legacy trees scattered throughout

Canopy Species	% Cover	Size Class	DBH	Age
Red Pine	45		15	93
Quaking Aspen	23	Sapling	6	43
Red Maple	15	Sapling	6	
Black/Red (Hybrid) Oak	7		12	
White Pine	2		18	
White Pine	8	Seedling	8	

Sub-Canopy Species	Density	Avg. Height	Size
White Pine	Medium	Variable	Variable
Balsam Fir	Low	Variable	Variable

96

4139 - Aspen, Mixed Deciduous

Sawtimber Well

46.6

61

111-140

N/A

Part of historic Deer Range Improvement Program cuts. This stand appears older than other cuts in the area.

Canopy Species	% Cover	Size Class	DBH	Age
Red Pine	2		12	
White Oak	5		6	
Red Maple	20	Sapling	7	
Paper Birch	2	Seedling	8	
Bigtooth Aspen	58		11	61
Red Oak	13		12	

Sub-Canopy Species	Density	Avg. Height	Size
Witch Hazel	Low	5 - 10 feet	5 - 10 feet
Red Oak	Low	Variable	Variable
White Oak	Low	Variable	Variable
Balsam Fir	Low	Variable	Variable
Red Maple	High	Variable	Variable

97

4130 - Aspen

Poletimber Medium

8.7

60

111-140

N/A

A little smaller than the aspen to the SE, little more of a white pine component as well.

Canopy Species	% Cover	Size Class	DBH	Age
Black/Red (Hybrid) Oak	13		16	
White Pine	7		14	
Red Maple	20		8	
Quaking Aspen	60	Seedling	7	60

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Low	Variable	Variable
White Pine	Low	Variable	Variable
Red Maple	Medium	Variable	Variable

98

4199 - Other Mixed Upland Deciduous

Poletimber Well

8.5

83

111-140

N/A

Canopy Species	% Cover	Size Class	DBH	Age
Red Oak	25		10	
Red Maple	45		8	83
Bigtooth Aspen	30		8	

Sub-Canopy Species	Density	Avg. Height	Size
Witch Hazel	Low	5 - 10 feet	5 - 10 feet
Red Maple	High	Variable	Variable



Stand

Level 4 Cover Type

Size Density

Acres

Stand Age

BA Range

Managed Site

General Comments

99

4130 - Aspen

Sapling Medium

11.2

8

Immature

N/A

Regeneration patchy in some areas, will grow into an well stocked aspen stand old: mix of jack pine, TA, red maple, crappy oak, and pin cherry, DEE = cut Summer 202, left R/W pine and advanced regeneration of oak 4"

Canopy Species	% Cover	Size Class	DBH	Age
White Spruce	2	Log	1	
Black/Red (Hybrid) Oak	2	Pole	4	
Black/Red (Hybrid) Oak	4	Log	1	
White Pine	2	Log	1	
White Pine	1		9	
Jack Pine	2	Log	1	
Quaking Aspen	60	Log	1	8
Pin Cherry	25	Log	1	
Red Pine	1		12	
White Oak	1	Seedling	5	

Sub-Canopy Species	Density	Avg. Height	Size
Bracken Fern	Medium	Not Applicable	Not Applicable
Mixed Sedges/Grasses	Medium	Not Applicable	Not Applicable

100

4131 - Aspen, Oak

Poletimber Well

28.6

61

111-140

N/A

Fairly diverse stand, dominated by pole/log sized aspen to the south, then more dominated by oak and pine in the north with aspen mixed in. Given it's age and the site I would think the aspen overall would be a little larger. AVG BA 110

Canopy Species	% Cover	Size Class	DBH	Age
White Oak	5		10	
Black/Red (Hybrid) Oak	31		10	
White Pine	5	Seedling	6	
Red Maple	8	Sapling	5	
Bigtooth Aspen	42	Seedling	7	61
Red Pine	9		11	

Sub-Canopy Species	Density	Avg. Height	Size
Witch Hazel	Medium	5 - 10 feet	5 - 10 feet
Mixed Sedges/Grasses	Medium	Not Applicable	Not Applicable
Serviceberry (Juneberry)	Low	Variable	Variable
Balsam Fir	Trace	< 5 feet	< 5 feet
Wintergreen	Medium	< 5 feet	< 5 feet

101

6128 - Lowland Coniferous, Mixed Deciduous

Poletimber Well

7.1

101

N/A

Areas of nice quality cedar. 3 Strips of cedar cut winter of 2020

Canopy Species	% Cover	Size Class	DBH	Age
Northern White Cedar	45		9	101
Balsam Fir	25	Sapling	7	
Red Maple	25		12	
Paper Birch	5		9	

MICHIGAN