



Compartment Review Presentation

Gwinn Forest Management Unit

Compartment 32092

Entry Year: 2027

Acreage: 2,451

County: Alger

Management Area: Menominee-Marquette

Stand Examiner: Sean Fischer

Legal Description:

T44N R22W, Sections 20, 28, 29, 32, and 33

Identified Planning Goals:

Planning will focus on integrated timber management, forest recreation, fisheries management, and wildlife habitat management. Increasing public access is a high priority. Forest road maintenance, trespass incidents, forest regeneration, forest health, forest fire control, stream crossings, water quality, and any resource damage issues are critical assessments considered during the forest mapping, inventory, public comment, and forest management planning processes.

Soil and topography:

Terrain is mostly level to slightly rolling. Wetlands and drainages are common. Soils range from organic mucks and poorly drained loamy soils to well-drained loams. Major soil series include Kalkaska, Munising, and Keweenaw.

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

This compartment is adjacent to large blocks of state ownership. Delta county is adjacent to the north boundary. There are blocks of Plum Creek lands within and to the east of the compartment. Small private parcels are found along the east central compartment boundary and the north compartment boundary.

Unique Natural Features:

Werner Creek and Deer Creek.

Archeological, Historical, and Cultural Features:

Special Management Designations or Considerations:

Watershed and Fisheries Considerations:

This compartment contains Werners Creek and Deer Creek which are tributaries to the Whitefish River. Werners Creek and Deer Creek are designated Type 1 trout streams less than 50-ft wide and have predicted mean July water temperatures that range from 65.0 to 66.0 °F (cold streams). 300-ft buffers are recommended for Warners Creek and Deer Creek in riparian areas susceptible to Aspen regeneration. For areas not susceptible to Aspen regeneration, a minimum 100-foot, plus 5 feet per 1% increase in slope, Riparian Management Zone is recommended to protect these areas in accordance with Best Management Practices.

Wildlife Habitat Considerations:

This compartment is found within the Menominee-Marquette Management Area, on ground moraines in northern Dickinson and southern Marquette Counties. The dominant Natural Communities are mesic northern forest, poor conifer swamps, and dry mesic northern forest. Major forest cover types include Aspen, Northern Hardwoods, and Mixed Lowland Conifers. Almost every cover type and associated species can be found within the management area including several deer wintering complexes. This management area provides some of the finest grouse and woodcock hunting in the Midwest and this is a wildlife management priority that will continue. Wildlife management issues in the management area are early successional forest conditions (associated with alder, riparian zones, or forested wetlands); mast (hard and soft); habitat fragmentation; mature forest (upland deciduous, especially aspen and mixed forest with little understory); coarse woody debris; and deer wintering complexes. The following have been identified as featured species for the Menominee-Marquette Management Area: American Woodcock, Blackburnian Warbler, Cerulean Warbler, Golden-winged Warbler, Black-backed Woodpecker, Ruffed Grouse, Turkey, American Marten, Snowshoe Hare, White-tailed Deer, Black Bear.

Mineral Resource and Development Concerns and/or Restrictions

Sections 20, 28, 29, 32, & 33, T44N R22W, Alger County

Surface sediments consist of medium-textured till. There is insufficient data to determine the glacial drift thickness

(typically less than 25 feet). The Ordovician Trenton Group subcrops below the glacial drift. The Trenton and Black River groups are quarried for stone/dolomite elsewhere in the UP. There are no gravel pits in the area, and potential appears to be limited. There is no history of mineral leasing in this area. There is no economic oil and gas production in the UP.

Vehicle Access:

Vehicle access to the north and west portions of the compartment are limited. Diffin Road is the north boundary of this compartment, and becomes inaccessible to all wheeled vehicles just past the portable bridge crossing Werner Creek. Two poor forest roads extend south off of Diffin Rd. One is bermed and the other has major resource damage due to extremely wet, ponded conditions and an un-authorized bridge. However, this road provides access to a camp which has been very cooperative with past timber management activities operating across the private parcel. The Deadhorse Road provides the main access through the center of the compartment. A large DNR bridge provides a crossing over Werner Creek. Access to the state 40 east of Thornton Road is problematic.

Survey Needs:

Several survey monuments will need to be placed.

Recreational Facilities and Opportunities:

There are no formal recreation facilities in this compartment. Snowmobiles and ATVs utilize the forest roads. Hunting and wildlife observation are important recreational activities. Fishing opportunities also exist in Werner and Deer Creeks.

Fire Protection:

This compartment has a relatively low risk for wildfire.

Additional Compartment Information:

The Deadhorse Road provides access from Alger county into the large block of state land in Delta county. Compartment falls within Deer Wintering Complex - use winter cut harvesting restrictions on all treatments.

The following reports from the Inventory are attached:

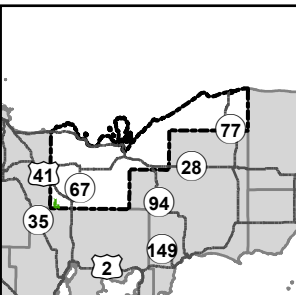
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

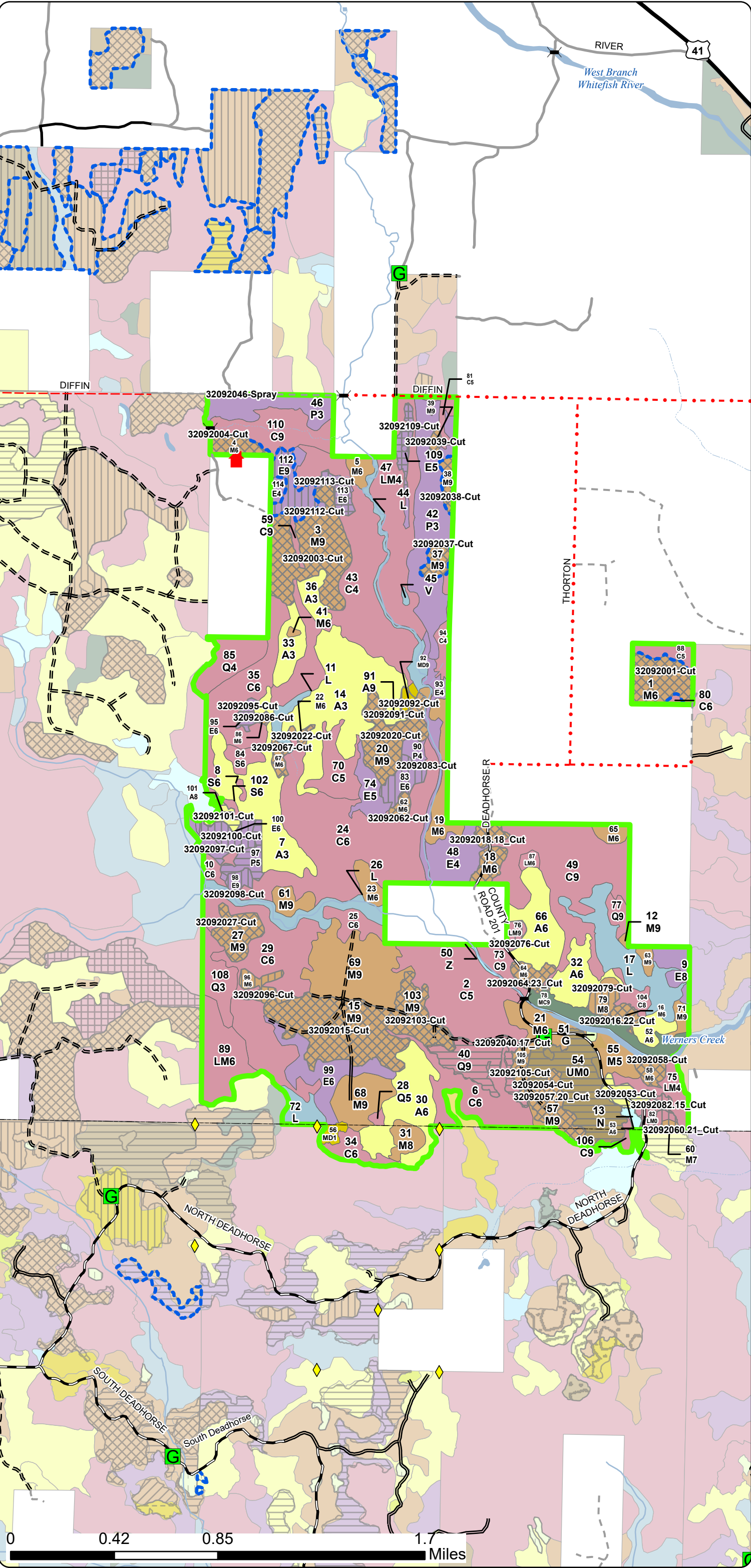
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

Compartment: 32092
T44N R22W, Sections 20, 28, 29, 32 & 33
County: Alger
Unit: Gwinn
Mgmt. Area: Menominee-Marquette
YOE: 2027
Acres: 2,451.12 GIS Calculated
Examiner: Sean Fischer
Date Exported: 08/19/2025
Map Phase: Web Post

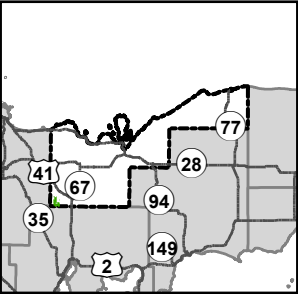


- Survey Grade Corners
- Cabin
- Berms
- Gate
- Bridges
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State Highway
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Paved Road
- Private - Dirt / Gravel Road
- Intermittent Stream
- Perennial River
- Lakes and Rivers
- Counties
- Compartment Boundary
- Treatments with Site Conditions
- Clearcut
- Selection
- Seed Tree
- Shelterwood
- Pesticide
- Clearcut
- Selection
- Seed Tree
- Shelterwood
- Thinning
- Overstory Removal
- Openings Mgmt.
- Monitoring - Regeneration
- 411 - Northern Hardwood
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 423 - Other 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

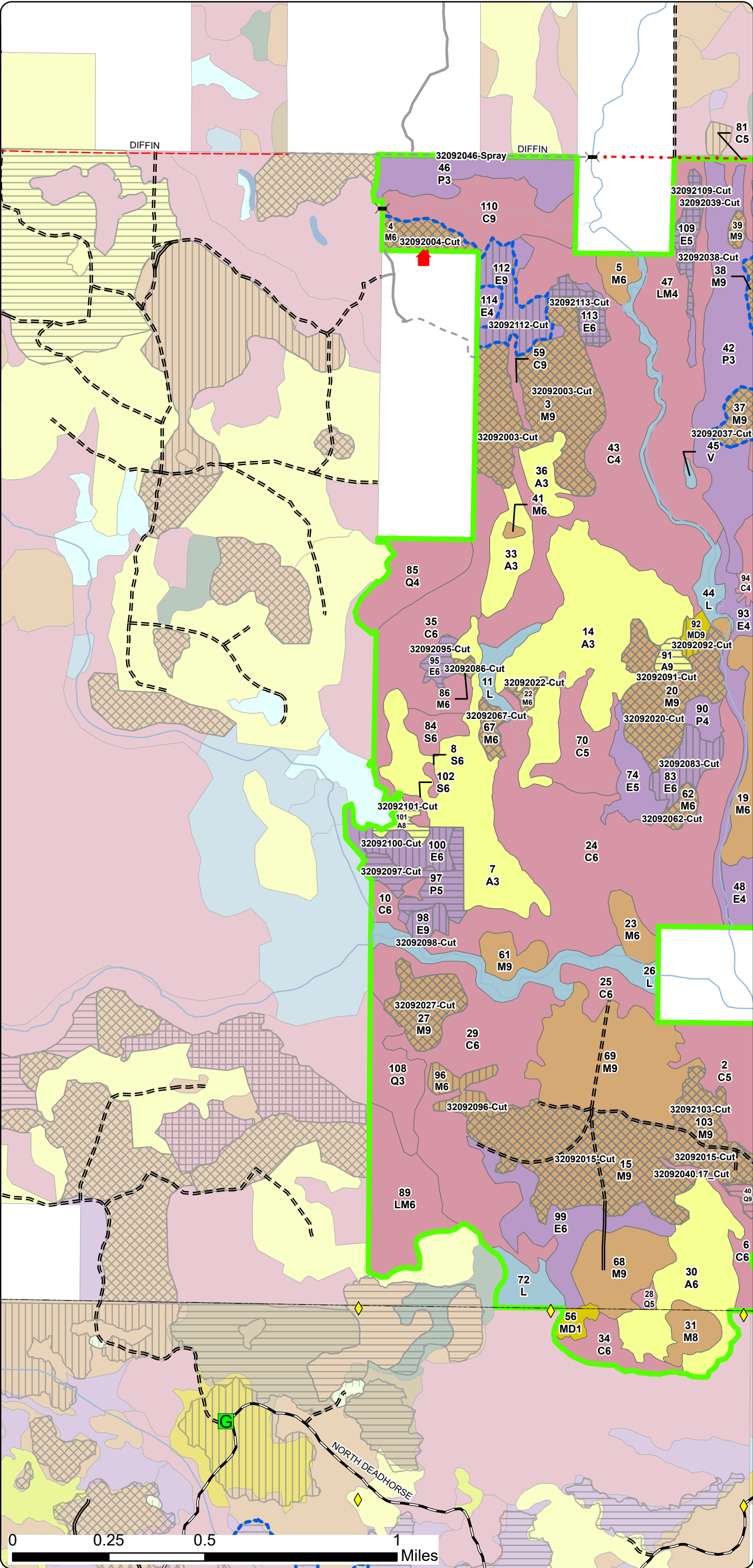


Cover Type & Treatments Map

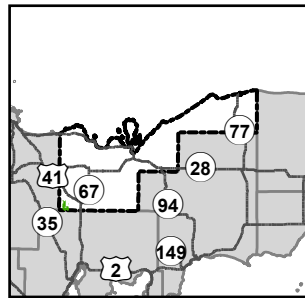
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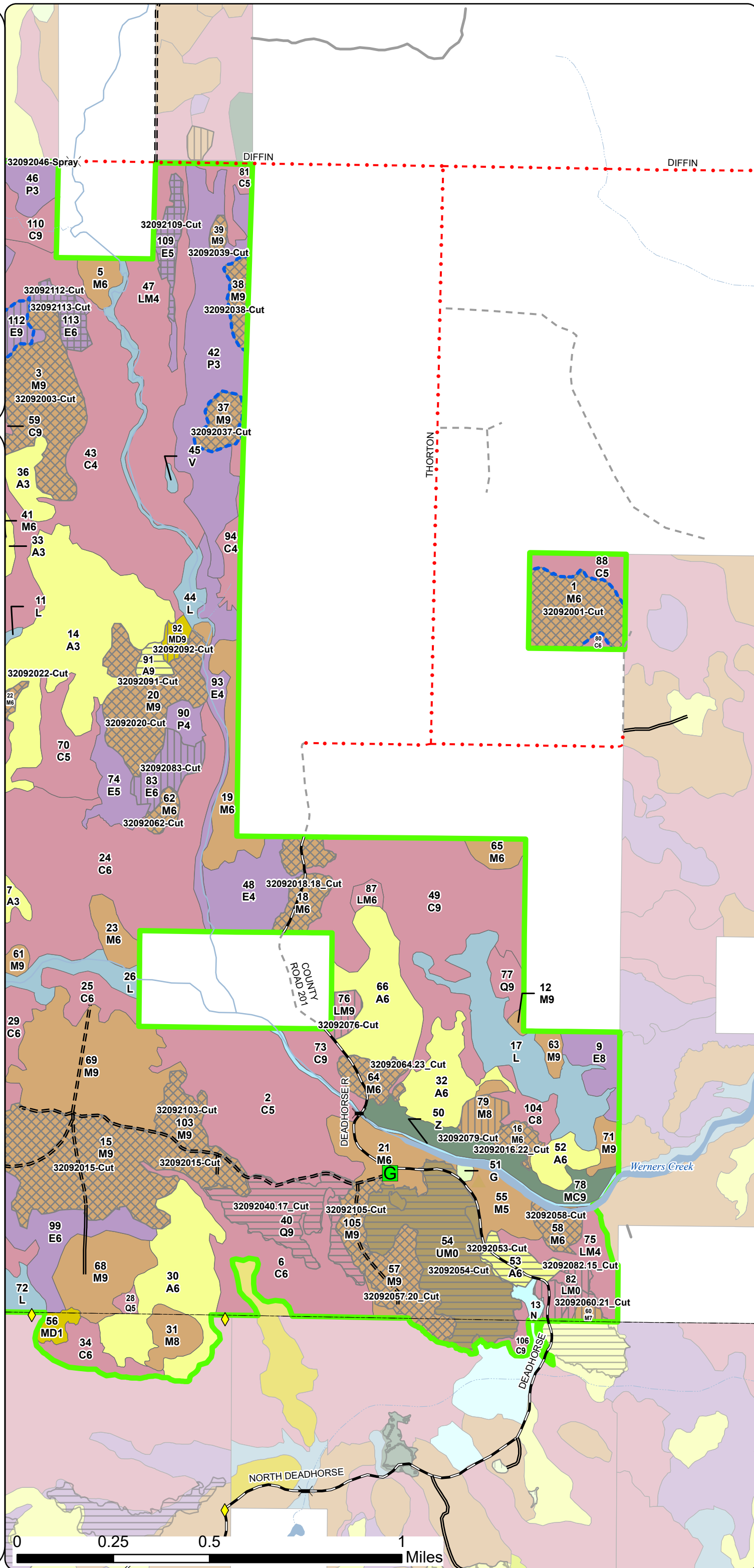
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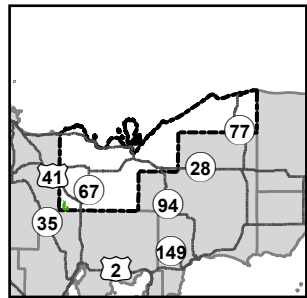
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



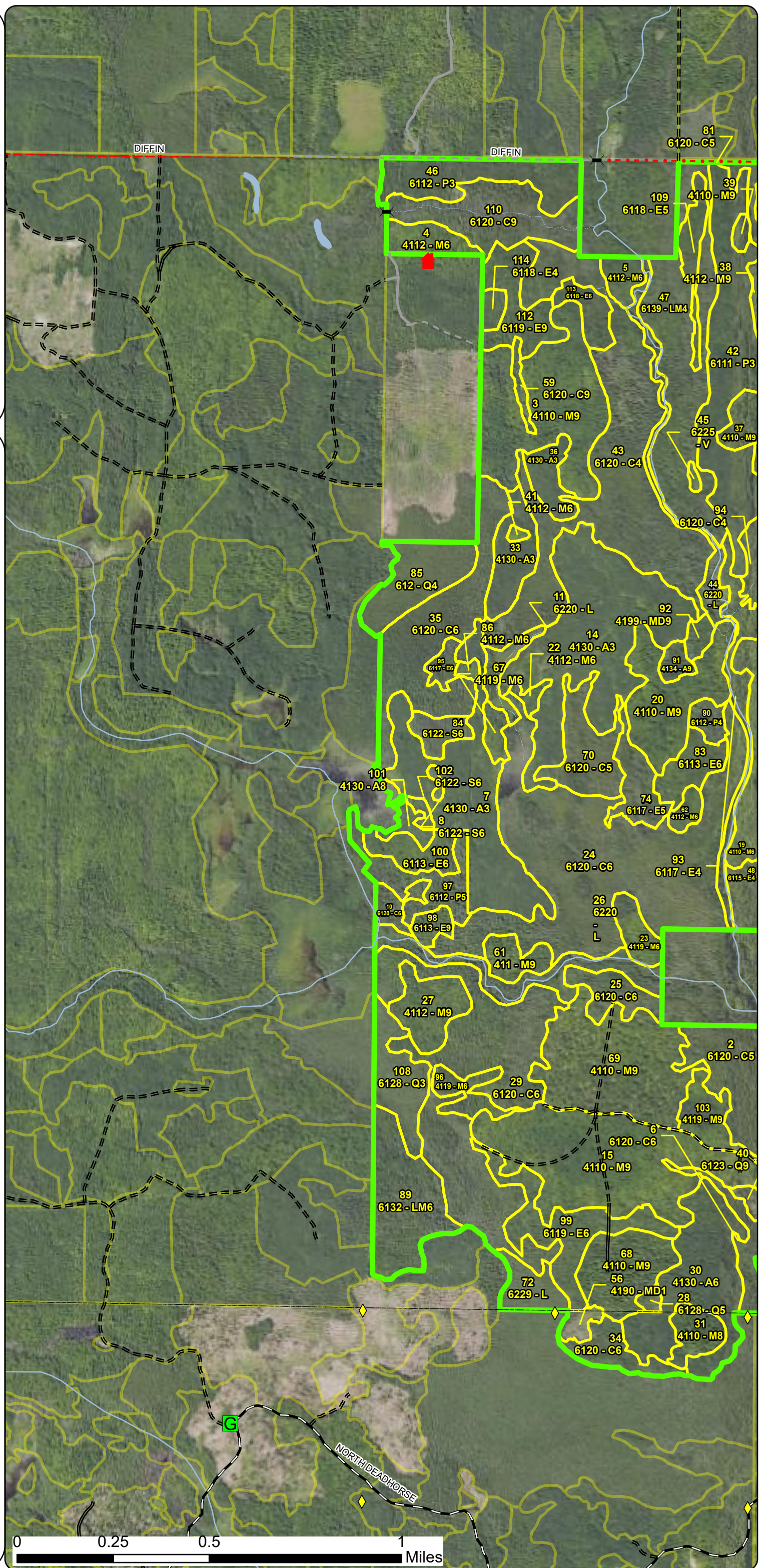
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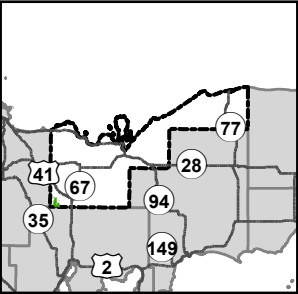


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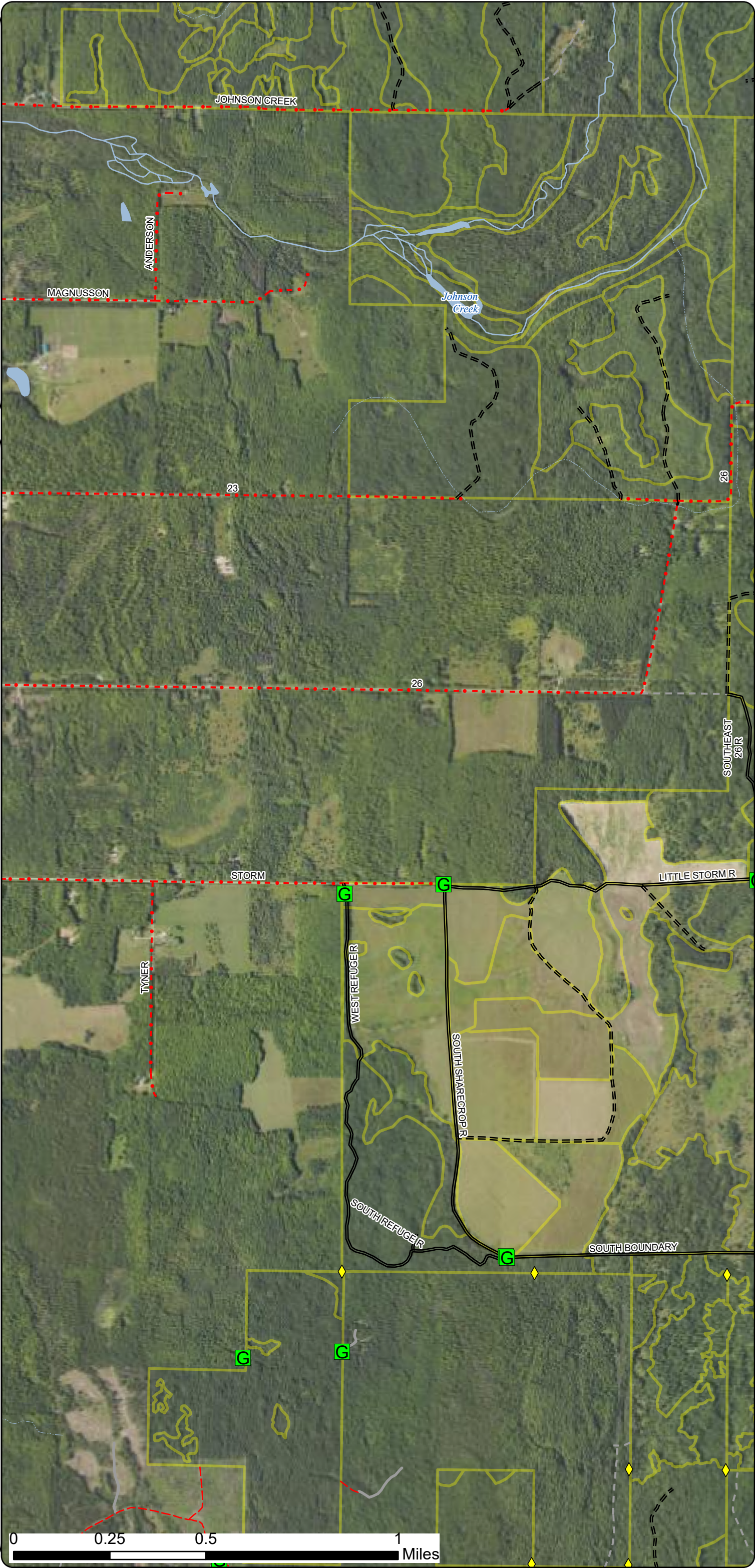


Stand Boundary Map

Compartment: 32092
T45N R21W Sections 23-26, 35, 36
County:
Unit:
Mgmt. Area:
YOE:
Acres: GIS Calculated
Examiner:
Date Exported: 08/19/2025
Map Phase: Web Post

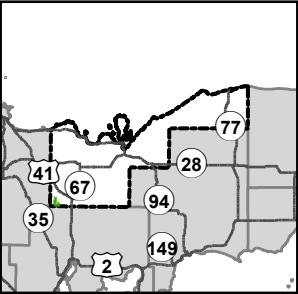


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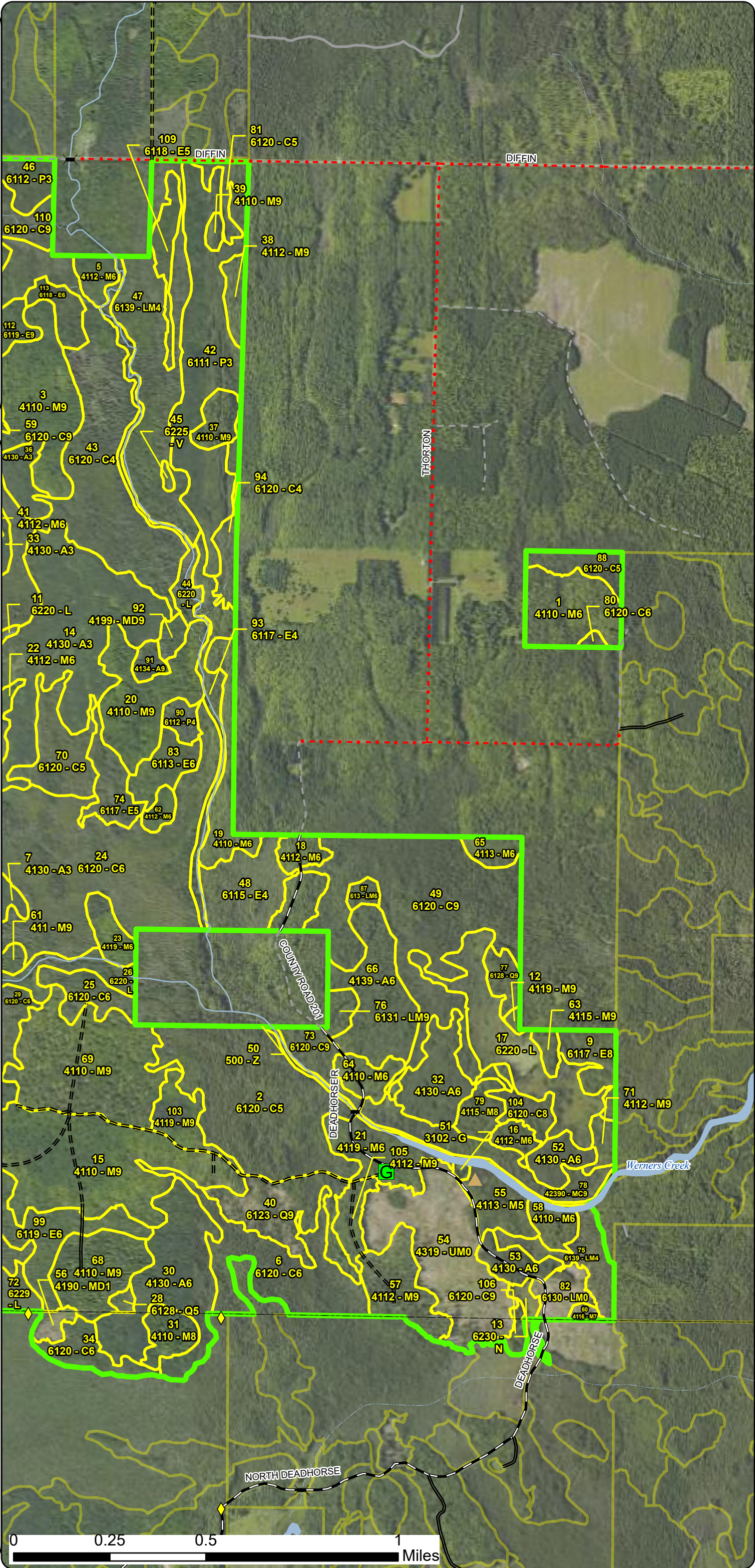


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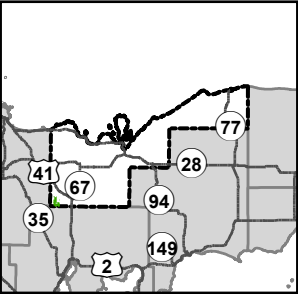


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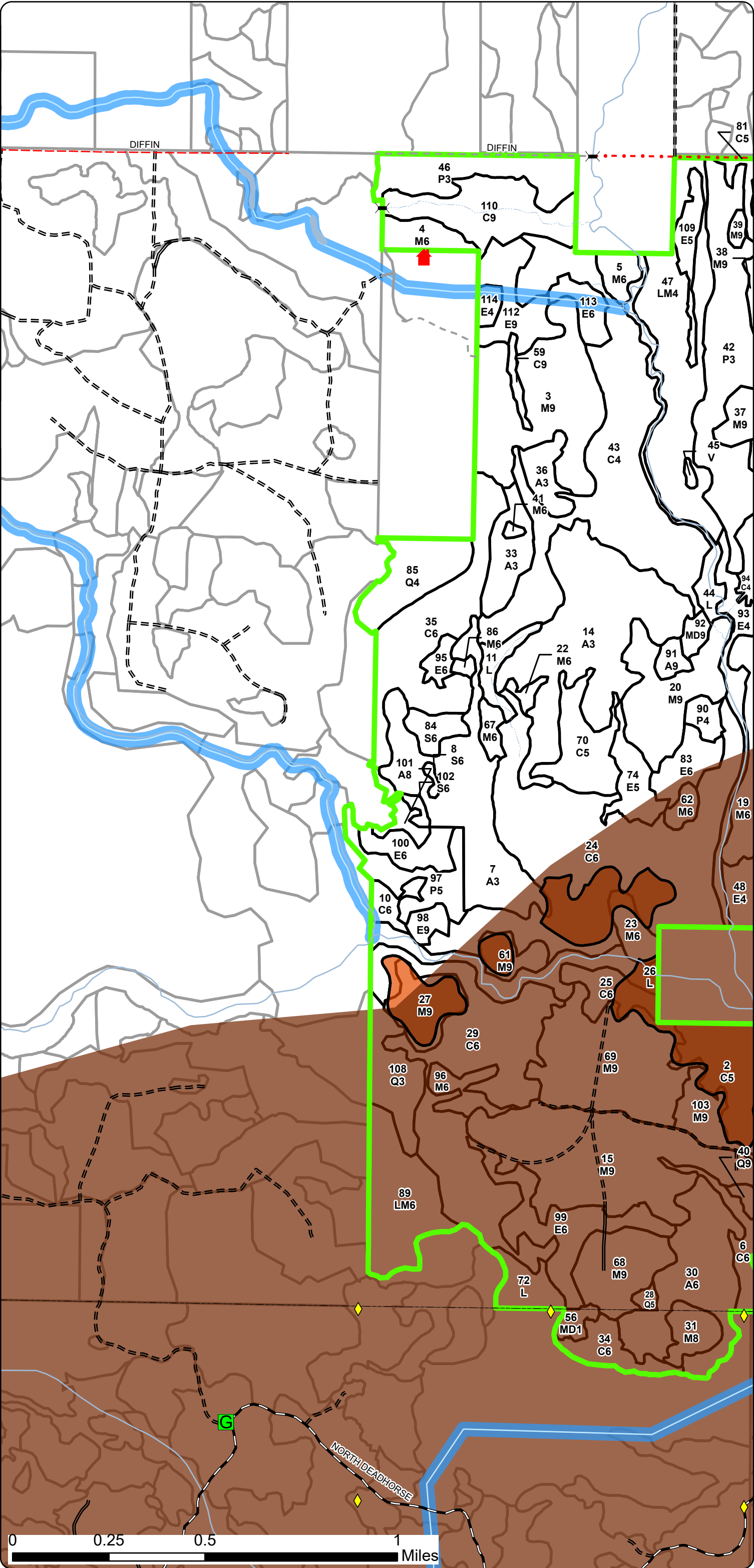


Special Conservation Areas
& Site Conditions Map

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- Compartment Boundary
- Stand Boundaries
- SCA
- Cold Water Streams
- High Priority Trout Stream Buffer
- Deer Winter Range
- Other Habitat Area



Report 1 – Total Acres by Cover Type and Age Class



Age Class

	Non-Forest	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150+	Uneven-Aged	Total
Aspen	0	0	155	97	50	0	10	0	0	4	5	0	0	0	0	0	0	0	321
Bog	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Cedar	0	0	0	0	0	0	10	0	55	31	7	289	0	385	0	0	13	0	790
Herbaceous Openland	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Lowland Aspen/Balsam Poplar	0	0	0	100	0	0	0	0	0	20	0	5	0	0	0	0	0	0	125
Lowland Conifers	0	0	0	0	0	0	0	31	0	0	0	0	25	31	0	0	0	0	86
Lowland Deciduous	0	0	0	0	0	0	19	26	36	41	0	13	0	49	0	0	0	0	184
Lowland Mixed Forest	11	0	0	0	0	0	64	0	17	3	0	0	0	38	0	0	0	5	138
Lowland Shrub	103	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	103
Lowland Spruce/Fir	0	0	0	0	0	0	0	8	3	0	0	0	0	0	0	0	0	0	11
Marsh	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Mixed Upland Deciduous	0	4	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	8
Northern Hardwood	0	0	0	0	0	0	0	0	16	100	189	0	0	15	0	0	0	266	586
Upland Conifers	0	0	0	0	0	0	0	0	0	0	0	0	0	24	0	0	0	0	24
Upland Mixed Forest	61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	61
Water	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Total	186	4	155	197	50	0	103	65	127	203	201	307	25	542	0	0	13	271	2448



Report 2 – Treatment Summary

Gwinn Mgt. Unit
Year of Entry: 2027

Acres of Harvest

Compartment 92
Total Compartment Acres: 2,451

Commercial Harvest - 1064
Harvests with Site Condition - 146
Next Step Harvest - 0
Habitat Cut - 0

Cover Type by Harvest Method

	Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Overstory Removal	Salvage	Other	Total Acres
Aspen	18	0	0	0	0	0	0	0	0	18
Lowland Aspen/Balsam Poplar	17	0	0	0	0	0	0	0	0	17
Lowland Conifers	32	0	0	0	0	0	0	0	0	32
Lowland Deciduous	18	0	0	17	48	0	0	0	0	83
Lowland Mixed Forest	0	0	0	0	16	0	0	0	0	16
Mixed Upland Deciduous	0	0	0	0	3	0	0	0	0	3
Northern Hardwood	0	358	0	0	17	0	0	0	0	375
Upland Mixed Forest	59	0	0	0	0	0	0	0	0	59
Total	144	358	0	17	84	0	0	0	0	604

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	604	0	0	0	0	2	0	0	0	606
Next Step	0	0	0	9	0	0	606	0	0	614
Total	604	0	0	9	0	2	606	0	0	1220



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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Proposed Treatments:

1	32092001-Cut	28.1	4110 - Sugar Maple Association	6	85	81-110	Harvest	Selection	411 - Northern Hardwood	Current	No
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Prescription Single tree select to 70-90 BA. The portion of stand east of drainage BA residual should be closer to 70 BA because of lower starting BA in that portion of stand. Expand existing canopy gaps where appropriate. Mark dominant and codominant stems in the can

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Sugar maple, red maple, basswood, yellow birch, northern white cedar, spruce, oak, white pine, hemlock.

Regen:

Other Access Thornton Road or private to the west. Winter harvest recommended because of drainage through middle of stand. Deer wintering complex, harvest only between 12/1 to 3/31.

Comment:

Site Condition: Survey Needed

Proposed Start Date: 10/01/2026

3	32092003-Cut	66.5	4110 - Sugar Maple Association	9	95	111-140	Harvest	Selection	411 - Northern Hardwood	Current	No
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Prescription Single tree select stand to 70-90 basal area, favoring a residual BA on the higher end of that range. Cut all aspen, spruce, and fir which meet 2.2 - utilization. Mark according to guidelines in the complete marker. Favor removal of high risk trees, dise

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Red maple, sugar maple, yellow birch, spruce, paper birch, aspen, white pine, hemlock, cedar, basswood, black cherry

Regen:

Other Winter harvest recommended. Access is through north via Don MacIntosh private property, he has granted access.

Comment:

Site Condition:

Proposed Start Date: 10/01/2026

4	32092004-Cut	10.6	4112 - Maple, Beech, Cherry Association	6	90	81-110	Harvest	Selection	411 - Northern Hardwood	Current	No
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Prescription Cut tree mark stand to residual basal area of 70-90. Follow Complete Marker. Favor retention of wildlife quality cavity trees and legacy trees >26" in diameter. Mark 1 canopy gap 66' in diameter per acre, placing these in areas which release existing adv

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Sugar maple, red maple, spruce, basswood, white pine, cedar, hemlock, black cherry, yellow birch, paper birch, aspen

Regen:

Other

Comment:

Site Condition: Survey Needed

Proposed Start Date: 10/01/2026



Standard

Standard	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
15	32092015-Cut	87.3	4110 - Sugar Maple Association	9	100	81-110	Harvest	Selection	411 - Northern Hardwood	Current	No
<u>Prescription</u> Single tree select stand to 70-90 basal area. Follow guidelines from the complete marker. Favor removal of large diameter log-quality trees. <u>Specs:</u> Favor retention of smaller, good quality crop trees. Favor removal of high risk trees, diseased trees, and trees w <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable Regen:</u> Red maple, sugar maple, yellow birch, spruce, paper birch, aspen, white pine, hemlock, cedar, basswood, black cherry <u>Other Comment:</u> Deer wintering complex, need restriction to cutting between 12/1 to 3/31. <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026											
20	32092020-Cut	35.0	4110 - Sugar Maple Association	9	92	111-140	Harvest	Selection	411 - Northern Hardwood	Current	No
<u>Prescription</u> Single tree select stand to 70-90 basal area, favoring a residual BA on the higher end of that range. Cut all aspen, spruce, and fir which meet <u>Specs:</u> 2.2 - utilization. Mark according to guidelines in the complete marker. Areas of the stand showing lower basal <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable Regen:</u> Red maple, sugar maple, yellow birch, spruce, paper birch, aspen, white pine, hemlock, cedar, basswood, black cherry <u>Other Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026											
22	32092022-Cut	2.7	4112 - Maple, Beech, Cherry Association	6	85	141-170	Harvest	Selection	411 - Northern Hardwood	Current	No
<u>Prescription</u> Single tree select stand to encourage development of a sapling layer and to encourage quality improvement on residual stems. Single tree select <u>Specs:</u> stand to 70-90 basal area, favoring a residual BA on the higher end of that range. Follow complete marker. Leav <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable Regen:</u> Red maple, sugar maple, yellow birch, spruce, paper birch, aspen, white pine, hemlock, cedar, basswood, black cherry <u>Other Comment:</u> Winter harvest recommended because of roads access. <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026											
27	32092027-Cut	18.5	4112 - Maple, Beech, Cherry Association	9	95	201+	Harvest	Selection	411 - Northern Hardwood	Current	No
<u>Prescription</u> First single tree selection of stand to 100-120 basal area. Basal area may be brought lower in areas to allow operability of conventional logging <u>Specs:</u> equipment. Cut all aspen and fir which meet 2.2 - utilization. Mark according to guidelines in the complete <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable Regen:</u> Red maple, sugar maple, yellow birch, spruce, paper birch, aspen, white pine, hemlock, cedar, basswood, black cherry, red oak <u>Other Comment:</u> Deer Wintering Complex and will require a winter cutting specification (12/1 to 3/31). <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026											



Standard

Standard	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
	37 32092037-Cut	8.6	4110 - Sugar Maple Association	9	95	111-140	Harvest	Selection	411 - Northern Hardwood	Current	No
<u>Prescription</u> Single tree select stand to 70-90 basal area. Cut all merchantable fir. Mark according to guidelines in the complete marker. Favor removal of high risk trees, diseased and defective trees, and trees which may drop in value if not removed. Favor retention <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable Regen:</u> Red maple, sugar maple, yellow birch, spruce, paper birch, aspen, white pine, hemlock, cedar, basswood, black cherry <u>Other Comment:</u> winter only harvest recommended. Wet access road and wet portions of the unit. <u>Site Condition:</u> Survey Needed <u>Proposed Start Date:</u> 10/01/2026											
	38 32092038-Cut	6.9	4112 - Maple, Beech, Cherry Association	9	85	111-140	Harvest	Selection	411 - Northern Hardwood	Current	No
<u>Prescription</u> Single tree select stand to 70-90 basal area. Cut all merchantable fir. Mark according to guidelines in the complete marker. Favor removal of high risk trees, diseased and defective trees, and trees which may drop in value if not removed. Favor retention <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable Regen:</u> Red maple, sugar maple, yellow birch, spruce, paper birch, aspen, balsam poplar, white pine, hemlock, cedar, basswood, black cherry <u>Other Comment:</u> <u>Site Condition:</u> Survey Needed <u>Proposed Start Date:</u> 10/01/2026											
	39 32092039-Cut	2.3	4110 - Sugar Maple Association	9	85	141-170	Harvest	Selection	411 - Northern Hardwood	Current	No
<u>Prescription</u> Single tree select stand to 70-90 basal area, favoring a residual BA on the higher end of that range. Cut all merchantable fir. Mark according to guidelines in the complete marker. Favor removal of high risk trees, diseased and defective trees, and trees <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable Regen:</u> Red maple, sugar maple, yellow birch, spruce, paper birch, aspen, white pine, hemlock, cedar, basswood, black cherry <u>Other Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026											
	46 32092046-Spray	2.1	6112 - Lowland Aspen	3	23	51-80	Pesticide	Pesticide	6112 - Lowland Aspen	Planting Record	No
<u>Prescription</u> Hand spray herbicide on invasive phragmites located in road/powerline corridor. <u>Specs:</u> <u>Next Step</u> Monitoring, <u>Treatments:</u> <u>Acceptable Regen:</u> <u>Other Comment:</u> Reference point shows area of phragmites <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2025											



Standard

Standard	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
53	32092053-Cut	9.3	4130 - Aspen	6	52	111-140	Harvest	Clearcut	413 - Aspen	Planting Record	No
<u>Prescription</u> Cut all trees greater than 2" in diameter at breast height regardless of merchantability, except do not cut any yellow birch. Green tree some <u>Specs:</u> healthy windfirm black cherry, paper birch, and cavity or forked crown aspen during timber cruise. No retention n <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Aspen species, maple, balsam poplar, spruce, fir, black cherry, paper birch, pine, basswood, hemlock, cedar, yellow birch. <u>Regen:</u> <u>Other</u> Deer Wintering Complex and will require a winter cutting specification (12/1 to 3/31). <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026											
58	32092058-Cut	8.0	4110 - Sugar Maple Association	6	93	111-140	Harvest	Selection	411 - Northern Hardwood	Current	No
<u>Prescription</u> Thin stand to 70-90 following complete marker guidance. Log trees should be removed if they have reached economic maturity. Reserve all white <u>Specs:</u> spruce, yellow birch, hemlock, and black cherry. Expand existing canopy gaps or place new canopy gaps so that gap <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Maple species, black cherry, white spruce, hemlock, yellow birch, basswood, oak, cedar, <u>Regen:</u> <u>Other</u> Deer Wintering Complex and will require a winter cutting specification (12/1 to 3/31). <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026											
62	32092062-Cut	4.3	4112 - Maple, Beech, Cherry Association	6	90	111-140	Harvest	Selection	411 - Northern Hardwood	Current	No
<u>Prescription</u> Single tree select stand to 70-90 basal area, favoring a residual BA on the higher end of that range. Cut all aspen, spruce, and fir which meet <u>Specs:</u> 2.2 - utilization. Mark according to guidelines in the complete marker. Areas of the stand showing lower basa <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Red maple, sugar maple, yellow birch, spruce, paper birch, aspen, white pine, hemlock, cedar, basswood, black cherry <u>Regen:</u> <u>Other</u> Deer Wintering Complex and will require a winter cutting specification (12/1 to 3/31).Wet access via skidding through adjacent stands. <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026											
67	32092067-Cut	4.8	4119 - Mixed Northern Hardwoods	6	85	111-140	Harvest	Selection	411 - Northern Hardwood	Current	No
<u>Prescription</u> Single tree select stand to encourage development of a sapling layer and to encourage quality improvement on residual stems. Mark to 70-90 <u>Specs:</u> basal area, favoring a residual BA on the higher end of that range Follow complete marker. Leave den and nest trees <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Red maple, sugar maple, yellow birch, spruce, paper birch, aspen, white pine, hemlock, cedar, basswood, black cherry <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026											



Standard

Standard	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
74	32092074-Cut	12.9	6117 - Lowland Deciduous, Mixed Coniferous	5	80	51-80	Harvest	Clearcut	6117 - Lowland Deciduous, Mixed Coniferous	Planting Record	No
<u>Prescription Specs:</u> Cut all trees which meet 2.2 - utilization except do not cut cedar, hemlock, and yellow birch. Green tree 10 basal area of healthy wind firm paper birch where paper birch is present.											
<u>Next Step Treatments:</u> Monitoring, Natural Regen (Re-Inventory)											
<u>Acceptable Regen:</u> Aspen, paper birch, yellow birch, balsam poplar, black cherry, red maple, sugar maple, fir, spruce, pine, hemlock, cedar.											
<u>Other Comment:</u> Deer Wintering Complex and will require a winter cutting specification (12/1 to 3/31). Use den tree spec.											
<u>Site Condition:</u>											
<u>Proposed Start Date:</u> 10/01/2026											
76	32092076-Cut	5.2	6131 - Hemlock, White Pine, Maple, Birch	9	110	111-140	Harvest	Shelterwood	6131 - Hemlock, White Pine, Maple, Birch	Current	No
<u>Prescription Specs:</u> Cut all red maple, spruce, and fir, except do not cut red maple over 25" stump diameter (long term retention trees for wildlife). Reserve mark from red maple to total residual basal area of 50-70 basal area.											
<u>Next Step Treatments:</u> Monitoring, Natural Regen (Re-Inventory)											
<u>Acceptable Regen:</u> Red maple, aspen, spruce, fir, cedar, sugar maple, hemlock, white pine, black cherry, yellow birch, paper birch.											
<u>Other Comment:</u> Intention is not to do overstory removal harvest. Use den tree protection spec. Use extra restrictive rutting spec (25' in length, 6" depth). Winter only operations.											
<u>Site Condition:</u>											
<u>Proposed Start Date:</u> 10/01/2026											
79	32092079-Cut	7.4	4115 - Y.Birch, Hemlock NH	8	82	111-140	Harvest	Shelterwood	4115 - Y.Birch, Hemlock NH	Planting Record	No
<u>Prescription Specs:</u> Cut all trees meeting utilization 2.2 except leave all hemlock, yellow birch, and cedar. Reserve mark from red maple to total residual basal area of 50-70, favoring retention of good-quality red maple log and pole crop trees, as well as wildlife-quality c											
<u>Next Step Treatments:</u> Monitoring, Natural Regen (Re-Inventory)											
<u>Acceptable Regen:</u> red maple, sugar maple, hemlock, cedar, spruce, aspen, paper birch, yellow birch, fir											
<u>Other Comment:</u> Deer Wintering Complex and will require a winter cutting specification (12/1 to 3/31). Intention is to perform overstory removal harvest following development of good-quality advanced regeneration in the understory. Winter only operations.											
<u>Site Condition:</u>											
<u>Proposed Start Date:</u> 10/01/2026											
83	32092083-Cut	12.8	6113 - Lowland Maple	6	106	81-110	Harvest	Shelterwood	6113 - Lowland Maple	Planting Record	No
<u>Prescription Specs:</u> Cut all stems which meet 2.2 utilization except leave all cedar, hemlock, and yellow birch. Reserve mark red maple and healthy paper birch 40-60 total residual basal area, favoring retention of crop trees and wildlife quality (cavity) trees. Treatment ac											
<u>Next Step Treatments:</u> Monitoring, Natural Regen (Re-Inventory)											
<u>Acceptable Regen:</u> red maple, sugar maple, cedar, yellow birch, paper birch, spruce, fir, aspen, hemlock, pine, basswood.											
<u>Other Comment:</u> Deer Wintering Complex and will require a winter cutting specification (12/1 to 3/31). Use den tree spec. Winter only harvest. Intention is to perform overstory removal harvest once establishment of acceptable growing stock advanced regeneration occurs.											
<u>Site Condition:</u>											
<u>Proposed Start Date:</u> 10/01/2026											



Standard

Standard	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
86	32092086-Cut	1.6	4112 - Maple, Beech, Cherry Association	6	85	141-170	Harvest	Selection	411 - Northern Hardwood	Current	No
<u>Prescription Specs:</u> Single tree select stand to encourage development of a sapling layer and to encourage quality improvement on residual stems. Mark trees to 70-90 basal area, favoring a residual BA on the higher end of that range. Follow complete marker. Leave den and nest <u>Next Step Treatments:</u> Monitoring, Natural Regen (Re-Inventory) <u>Acceptable Regen:</u> Red maple, sugar maple, yellow birch, spruce, paper birch, aspen, white pine, hemlock, cedar, basswood, black cherry <u>Other Comment:</u> Winter harvest recommended because of roads access. <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026											
91	32092091-Cut	4.4	4134 - Aspen, Spruce/Fir	9	80	111-140	Harvest	Clearcut	413 - Aspen	Planting Record	No
<u>Prescription Specs:</u> Harvest all stems to 2 inches dbh, regardless of merchantability. Reserve tree mark 10 basal area of healthy windfirm or wildlife quality (cavity) black cherry of any size during timber cruise. Create 1 drumming log in the stand of any species between 5 <u>Next Step Treatments:</u> Monitoring, Natural Regen (Re-Inventory) <u>Acceptable Regen:</u> Aspen, spruce, fir, balsam poplar, black cherry, paper birch, red maple, sugar maple <u>Other Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026											
92	32092092-Cut	3.0	4199 - Other Mixed Upland Deciduous	9	80	81-110	Harvest	Shelterwood	4199 - Other Mixed Upland Deciduous	Cutting Record	No
<u>Prescription Specs:</u> Cut all aspen, paper birch, fir, and spruce meeting 2.2 utilization. Create 1 drumming logs of any species (9–15-inch DBH) at least 8 ft long, immediately adjacent to a stump lying flat on the ground. <u>Next Step Treatments:</u> Monitoring, Natural Regen (Re-Inventory) <u>Acceptable Regen:</u> Sugar maple, red maple, spruce, fir, cherry, paper birch, yellow birch, white pine, aspen, balsam poplar, cedar, <u>Other Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026											



Standard

Standard	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
95	32092095-Cut	4.6	6117 - Lowland Deciduous, Mixed Coniferous	6	75	81-110	Harvest	Clearcut	6117 - Lowland Deciduous, Mixed Coniferous	Planting Record	No
<u>Prescription Specs:</u> Cut all stems 2" and greater in dbh regardless of merchantability except do not cut black cherry, yellow birch, cedar, and hemlock. Create 1 drumming log in the stand of any species (9–15-inch DBH) at least 8 ft long immediately adjacent to a stump lyin											
<u>Next Step Treatments:</u> Monitoring, Natural Regen (Re-Inventory)											
<u>Acceptable Regen:</u> Aspen, balsam poplar, cedar, hemlock, paper birch, red maple, sugar maple, fir, spruce, yellow birch, black cherry.											
<u>Other Comment:</u> Winter only harvest recommended. Do not extend treatment boundary into small white birch poles on stand edge											
<u>Site Condition:</u>											
<u>Proposed Start Date:</u> 10/01/2026											
96	32092096-Cut	9.7	4119 - Mixed Northern Hardwoods	6	126	81-110	Harvest	Shelterwood	4119 - Mixed Northern Hardwoods	Planting Record	No
<u>Prescription Specs:</u> Cut all stems which meet 2.2 utilization except leave all cedar, yellow birch, and hemlock. Leave tree mark from non-reserved species to residual 50-70 BA. Leave trees should be quality maple saw and pole trees, as well as wildlife quality (cavity) trees.											
<u>Next Step Treatments:</u> Monitoring, Natural Regen (Re-Inventory)											
<u>Acceptable Regen:</u> Red maple, sugar maple, yellow birch, paper birch, cedar, spruce, aspen, fir, hemlock, balsam poplar,											
<u>Other Comment:</u> Deer Wintering Complex and will require a winter cutting specification (12/1 to 3/31).Intention is to perform overstory removal harvest once successful regeneration is established. Winter only operability. No retention needed due to small size											
<u>Site Condition:</u>											
<u>Proposed Start Date:</u> 10/01/2026											
97	32092097-Cut	17.0	6112 - Lowland Aspen	5	85	81-110	Harvest	Clearcut	6112 - Lowland Aspen	Planting Record	No
<u>Prescription Specs:</u> Cut all stems which meet 2.2 - Utilization. Reserve all aspen trees greater than 24 inches in diameter at breast height. Leave all cedar, hemlock, yellow birch and black cherry.											
<u>Next Step Treatments:</u> Monitoring, Natural Regen (Re-Inventory)											
<u>Acceptable Regen:</u> Aspen species, balsam poplar, maple, spruce, fir, paper birch, yellow birch, cedar, hemlock, black cherry.											
<u>Other Comment:</u> Drumming logs will be created naturally as reserve aspen trees windthrow. Winter harvest recommended. Wet road access and wet stand.											
<u>Site Condition:</u>											
<u>Proposed Start Date:</u> 10/01/2026											



Standard

Standard	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
98	32092098-Cut	5.1	6113 - Lowland Maple	9	85	171-200	Harvest	Shelterwood	6113 - Lowland Maple	Cutting Record	No
<u>Prescription</u> Cut all red maple, sugar maple, aspen, balsam poplar, fir, paper birch, black spruce, and white spruce. Do not cut red maple over 22 inches dbh. <u>Specs:</u> Reserve mark stand to 60-80 residual basal area during cruising, favoring retention of wildlife quality cavity <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable Regen:</u> Red maple, aspen, sugar maple, hemlock, cedar, spruce, yellow birch, black cherry, balsam fir, balsam poplar <u>Other Comment:</u> Winter only harvest recommended. Intention is to not do the second stage of the shelterwood removal. No retention needed due to small size. 60-80 feet per acre retention satisfies BMP recommendations for Deer Creek trout stream <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026											
100	32092100-Cut	11.7	6113 - Lowland Maple	6	85	81-110	Harvest	Shelterwood	6113 - Lowland Maple	Cutting Record	No
<u>Prescription</u> Cut all red maple, sugar maple, aspen, fir, balsam poplar, paper birch, and black and white spruce. Leave tree mark to remove roughly half of the stand basal area. In areas of the stand with higher starting basal area, the residual will be 60-80 basal ar <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable Regen:</u> Red maple, yellow birch, sugar maple, aspen, spruce, cedar, hemlock, fir, balsam poplar, paper birch, black cherry. <u>Other Comment:</u> Intention is to not perform overstory removal harvest and to create two-aged stand structure favoring red maple pulp tree production while retaining diverse species and wildlife-quality trees. Winter harvest recommended. Recommended retention already ad <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026											
101	32092101-Cut	4.6	4130 - Aspen	8	90	81-110	Harvest	Clearcut	413 - Aspen	Planting Record	No
<u>Prescription</u> Cut all stems which meet 2.2 - utilization. Leave all hemlock, cedar, black cherry, and yellow birch. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Intermediate) <u>Treatments:</u> <u>Acceptable Regen:</u> Aspen species, balsam poplar, fir, spruce, cedar, red maple, sugar maple, hemlock, black cherry, paper birch, yellow birch. <u>Other Comment:</u> Winter harvest recommended. Access is through wet/ partially regenerated railroad grade through stand 7. No retention due to small size. Leave some blowdown between 9-15 inches in diameter and at least 8ft in length intact for drumming logs. <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026											
103	32092103-Cut	13.2	4119 - Mixed Northern Hardwoods	9	100	111-140	Harvest	Selection	411 - Northern Hardwood	Current	No
<u>Prescription</u> Single tree select stand to 70-90 basal area to encourage the development of northern hardwood regeneration. Cut all aspen, spruce, and fir. <u>Specs:</u> Place canopy gaps where release of existing regeneration is appropriate. Favor retention of off-species such as wh <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable Regen:</u> Sugar maple, red maple, yellow birch, white spruce, white pine, hemlock, black cherry, basswood. <u>Other Comment:</u> Deer Wintering Complex and will require a winter cutting specification (12/1 to 3/31). <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
105	32092105-Cut	8.9	4112 - Maple, Beech, Cherry Association	9	85	111- 140	Harvest	Selection	411 - Northern Hardwood	Current	No
<u>Prescription</u> Single tree select stand to 70-90 basal area to encourage the development of northern hardwood regeneration. Cut all aspen, spruce, and fir. <u>Specs:</u> Place canopy gaps where release of existing regeneration is appropriate. Favor retention of off-species such as wh <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Red maple, sugar maple, yellow birch, basswood, oak, white pine, spruce, cedar, hemlock <u>Regen:</u> <u>Other</u> Deer Wintering Complex and will require a winter cutting specification (12/1 to 3/31). <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026											
109	32092109-Cut	8.5	6118 - Lowland Deciduous with Cedar	5	85	111- 140	Harvest	Seed Tree	6118 - Lowland Deciduous with Cedar	Planting Record	No
<u>Prescription</u> Cut all merchantable trees as defined in 2.2 - Utilization (10/20) except cedar, yellow birch, hemlock, and trees marked with green paint. Reserve <u>Specs:</u> mark 10-30 basal area of healthy paper birch or wildlife quality red maple. Stand retention area established <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory); Seeding, Other - Specify <u>Treatments:</u> <u>Acceptable</u> paper birch, red maple, aspen, spruce, fir, sugar maple, yellow birch, basswood, cedar, hemlock, cherry, balsam poplar, white pine <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026											
112	32092112-Cut	18.5	6119 - Mixed Lowland Deciduous Forest	9	126	111- 140	Harvest	Shelterwood	6119 - Mixed Lowland Deciduous Forest	Planting Record	No
<u>Prescription</u> Cut all stems which meet 2.2 utilization except leave all cedar, hemlock, yellow birch, and black ash. Reserve mark from remainder of stems to <u>Specs:</u> 40-60 basal area, favoring retention of wildlife quality (cavity) red maple. Basal area should be left lower tha <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Red maple, balsam poplar, cedar, yellow birch, black cherry, paper birch, aspen species, balsam fir, spruce, sugar maple. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> Survey Needed <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
113	32092113-Cut	8.4	6118 - Lowland Deciduous with Cedar	6	126	81-110	Harvest	Seed Tree	6118 - Lowland Deciduous with Cedar	Planting Record	No
<u>Prescription</u> Harvest all stems to 2" dbh, except retain all cedar, black ash, yellow birch, hemlock, and any trees marked with green paint. Green tree mark 10 <u>Specs:</u> 30 healthy paper birch and red maple for seed. Acreage may differ significantly from prescription due to lo <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Paper birch, aspen, balsam poplar, fir, spruce, hemlock, cedar, maple, yellow birch <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026											

Approved Treatments:

16	32092016.22_ Cut	4.9	4112 - Maple, Beech, Cherry Association	6	90	141- 170	Harvest	Selection	411 - Northern Hardwood	Current	No
<u>Prescription</u> Selectively mark individual trees for harvest to promote an uneven aged stand structure. Residual basal area should be between 80 to 90 square <u>Specs:</u> feet. Emphasis will be on improving the timber quality and productivity of the stand by releasing future crop tr <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Maple, birch, black cherry, hemlock, and basswood. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2016											
18	32092018.18_ Cut	15.9	4112 - Maple, Beech, Cherry Association	6	90	81-110	Harvest	Selection	411 - Northern Hardwood	Current	No
<u>Prescription</u> Selectively mark individual trees for harvest to promote an uneven aged stand structure. Residual basal area should be between 80 to 90 square <u>Specs:</u> feet. Emphasis will be on improving the timber quality and productivity of the stand by releasing future crop tr <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Maple, birch, basswood, black cherry, and hemlock. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2016											



Standard

Standard	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
	40 32092040.17_Cut	31.8	6123 - Lowland Fir	9	62	81-110	Harvest	Clearcut	42340 - Upland Spruce/Fir	Planting Record	No
<u>Prescription</u> Retain any white pine, yellow birch, cedar, or hemlock. Retain all black cherry. Use patch retention to achieve proper reserves. There are wetlands to exclude which will contribute to the overall area retention. Series of low ridges and swales. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Fir, spruce, maple, birch, aspen, balsam poplar, cedar, hemlock, white pine, and black cherry. <u>Regen:</u> <u>Other</u> Winter harvest only - deer wintering complex area. <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2015											
	54 32092054-Cut	59.3	4319 - Mixed Upland Forest	0	3	Immature	Harvest	Clearcut	4319 - Mixed Upland Forest	Planting Record	No
<u>Prescription</u> Retain any white pine, yellow birch, cedar, or hemlock. Use patch retention (including older, larger aspen) to achieve proper reserves. There are wetlands to exclude which will contribute to the overall area retention. Series of low ridges and swales. Lea <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Fir, spruce, maple, birch, white pine, balsam poplar, aspen, cedar, and hemlock. <u>Regen:</u> <u>Other</u> Winter harvest only - deer wintering complex area. <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2016											
	57 32092057.20_Cut	20.5	4112 - Maple, Beech, Cherry Association	9	95	81-110	Harvest	Selection	411 - Northern Hardwood	Current	No
<u>Prescription</u> Selectively mark individual trees for harvest to promote an uneven aged stand structure. Residual basal area should be between 80 to 90 square feet. Emphasis will be on improving the timber quality and productivity of the stand by releasing future crop tr <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Maple, birch, basswood, and black cherry. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2016											
	75 32092060.21_Cut	4.5	6139 - Mixed Lowland Forest	4	70	1-50	Harvest	Shelterwood	4113 - R.Maple, Conifer	Planting Record	No
<u>Prescription</u> Residual basal area should be between 40 to 50 square feet. Remove majority of defective, poor form, high risk, and/or poorly spaced trees to achieve the target basal area. Quality timber trees may also be selected when suitable. Wildlife habitat, forest <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Maple, birch, basswood, aspen, white pine, fir, hemlock, spruce, and cedar <u>Regen:</u> <u>Other</u> Retention patches should include older, larger aspen within. Winter harvest only - deer wintering complex area. <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2015											

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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
64 32092064.23_ Cut	9.7	4110 - Sugar Maple Association	6	90	111-140	Harvest	Selection	411 - Northern Hardwood	Planting Record	No
<u>Prescription</u> Selectively mark individual trees for harvest to promote an uneven aged stand structure. Residual basal area should be between 80 to 90 square feet. Emphasis will be on improving the timber quality and productivity of the stand by releasing future crop tr <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable Regen:</u> Maple, birch, black cherry, and basswood <u>Other Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2016										
75 32092082.15_ Cut	6.5	6139 - Mixed Lowland Forest	4	70	1-50	Harvest	Shelterwood	4319 - Mixed Upland Forest	Planting Record	No
<u>Prescription</u> Retain any white pine, yellow birch, cedar, or hemlock. Use patch retention (including older, larger aspen) to achieve proper reserves. Leave some scattered white birch along road. Shelterwood prescription more appropriate, marked in orange same as shelt <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable Regen:</u> Maple, aspen, fir, and spruce. <u>Other Comment:</u> Stand extends into Delta county and should be harvested there as well to salvage fir. Winter harvest only - deer wintering complex area. <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2015										

Total Treatment **605.6**
 Acreage Proposed:



Availability for Management

Total Acres	Acres Available	Acres With Condition	Acres Not Available
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Dominant Site Conditions

					2B	2I	5B	5C	2G	2H	3H	3J	5A	5E
320	320	0	0	Aspen										
1	1	0	0	Bog										
788	54	0	734	Cedar					488		151	95		
1	1	0	0	Herbaceous Openland										
108	100	4	3	Lowland Aspen/Balsam Poplar			4					1		2
87	56	0	31	Lowland Conifers					23				7	
153	67	19	68	Lowland Deciduous		19			37			27		5
129	9	0	121	Lowland Mixed Forest					90			30		1
103	77	0	26	Lowland Shrub							11	15		
11	11	0	0	Lowland Spruce/Fir										
3	3	0	0	Marsh										
1	0	0	1	Mixed Upland Deciduous					0			1		
578	460	71	48	Northern Hardwood	12	54		5		46				2
24	0	0	24	Upland Conifers								24		
61	61	0	0	Upland Mixed Forest										
6	6	0	0	Water										
2,376	1,226	94	1,056	Total Forested Acres	12	73	4	5	638	46	162	193	7	10
	52%	4%	44%	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	Dominant Site Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Unavailable		2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Stand blocked by intermittent stream and wetlands to the west, creek to the east.								

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2	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	117	5A: Not able to obtain desirable regeneration	Unspecified	Unspecified	Unspecified
Comments: Very wet cedar swamp with hardwood islands and areas of blowdown							
3	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	11	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
4	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	33	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	15	Unspecified	Unspecified	Unspecified	Unspecified
Comments: 300ft BMP buffer of stand from Deer Creek because aspen and balsam poplar exist in overstory							
6	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
7	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Long term retention of parent F9 stand from East Lime Sale							

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8	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	104	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							
9	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
10	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
11	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	45	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Cedar stand. Adjacent upland fir stand being harvested.							
12	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	17	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
13	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	13	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

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14	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Long term retention of parent UM9 stand from East Lime Sale							
15	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Long term retention of parent UM9 stand from East Lime Sale							
16	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
17	Unavailable	3G: Other influence zones - See comments	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Broad-winged hawk nest 66 ft buffer							
18	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	3	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							
19	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

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20	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	123	Unspecified	Unspecified	Unspecified	Unspecified
Comments: BMP buffer of Werner Creek and several small intermittent stream tributaries of Werner Creek							
21	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Edge of marsh							
22	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
23	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Birch stand retention							
24	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	19	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
25	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	35	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Mostly dead ash and cedar. Soils appear to be saturated much of the year.							

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26	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	73	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
27	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Upland stand in lowland area, blocked by creek to the south							
28	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Upland stand in a lowland area. Cedar type to the north is too wet to cross, even through old railroad grade.							
29	Unavailable	5E: Long-Term Retention	2	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							
30	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Too wet							

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31	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	20	2E: Road needed	2B: Unknown if access through adjacent landowner(s) is possible	Unspecified	Unspecified
Comments: Do not recommend harvest. Would need road built across hardwood stand to the west, bridge over Werner Creek would need to be larger than portable bridge, and then road built from north portion of stand to south portion of stand, crossing a wet swale.							
32	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: wet pocket							
33	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
34	Available	5B: Maintain for regeneration purposes	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Condition of stand is such that it is regenerating on it's own.							
35	Available	2I: Survey needed	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
36	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Low basal area birch							

Report 4 – Site Conditions



38	Available	2I: Survey needed	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
39	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Approximate buffer for BMPs of small intermittent stream							
40	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Retention on far side of ash swale							
41	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
42	Available	2I: Survey needed	19	Unspecified	Unspecified	Unspecified	Unspecified
Comments: No corner found in northwest or southwest parts of stand, old blue line seen in south part of stand.							
43	Available	2I: Survey needed	11	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Neither corner found. Old flagging at approximate corner location found in southwest part of stand.							
44	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	85	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

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45	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	55	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
46	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	0	5E: Long-Term Retention	Unspecified	Unspecified	Unspecified
Comments: Long term retention within 300ft BMP buffer of Deer Creek							
47	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	4	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments: BMP buffer of Deer Creek (300ft) because of balsam poplar in stand overstory							
48	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	138	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
49	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	9	5A: Not able to obtain desirable regeneration	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified
Comments: BMP buffer of Deer Creek trout stream 300ft. Very wet cedar swamp with hardwood islands and areas of blowdown							
50	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

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51	Unavailable	3B: Threatened, endangered, and special concern species	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
52	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	14	2B: Unknown if access through adjacent landowner(s) is possible	Unspecified	Unspecified	Unspecified
Comments:							
53	Available	2B: Unknown if access through adjacent landowner(s) is possible	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
54	Available	2B: Unknown if access through adjacent landowner(s) is possible	1	2I: Survey needed	Unspecified	Unspecified	Unspecified
Comments:							
55	Unavailable	5A: Not able to obtain desirable regeneration	7	2I: Survey needed	2B: Unknown if access through adjacent landowner(s) is possible	Unspecified	Unspecified
Comments:							

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56	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	9	5A: Not able to obtain desirable regeneration	Unspecified	Unspecified	Unspecified
Comments:							
57	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	5	2E: Road needed	Unspecified	Unspecified	Unspecified
Comments: Delay treatment until aspen to the west is ready to treat. Access issues otherwise because road does not go through aspen stand.							
58	Unavailable	5E: Long-Term Retention	2	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	Unspecified	Unspecified	Unspecified
Comments: Portion of stand on the other side of very wet cedar/ash swale. Recommend for retention.							
59	Available	2I: Survey needed	28	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
60	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	23	5A: Not able to obtain desirable regeneration	Unspecified	Unspecified	Unspecified
Comments:							
61	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

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62	Available	2B: Unknown if access through adjacent landowner(s) is possible	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
63	Unavailable	5E: Long-Term Retention	1	2G: Too wet (sensitive soils, does not include access issues)	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				







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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments			
18	4112 - Maple, Beech, Cherry Association	Poletimber Well	15.9	90	81-110	N/A	Patches of M3 greater than 10 feet tall. Clubmoss predominant groundcover. White spruce and black cherry are infrequent overstory components. White spruce saplings present. Harvested in 1998 under contract # 034-97-01. SF 2025: Log size northern hardwood stand with okay to good quality. Currently part of "East Lime" timber sale, 32-004-17 (2). Not yet harvested. Large drainage runs through center of stand.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Basswood		2		17		Yellow Birch		Trace	10 - 20 feet	10 - 20 feet
Sugar Maple		60		11	90	White Spruce		Trace	10 - 20 feet	10 - 20 feet
Black Cherry		2		12		Ironwood		Medium	10 - 20 feet	10 - 20 feet
Black Ash		1		10		Sugar Maple		Medium	10 - 20 feet	10 - 20 feet
Red Maple		22		11	90	Balsam Fir		Low	5 - 10 feet	5 - 10 feet
Hemlock		3		17		Sugar Maple		High	< 5 feet	< 5 feet
Bigtooth Aspen		1		13						
Northern White Cedar		1		9						
Yellow Birch		7		20						
Paper Birch		1	Seedling	9						
19	4110 - Sugar Maple Association	Poletimber Well	20.4	85	171-200	N/A		SF 2025: Dense, good quality, log-size northern hardwood stand heavy to sugar maple. Log and pole sized trees have good sawtimber potential.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Black Cherry		5		15		White Spruce	Low		5 - 10 feet	5 - 10 feet
Basswood		5		17		Sugar Maple	Medium		10 - 20 feet	10 - 20 feet
White Spruce		1		9		Ironwood	High		10 - 20 feet	10 - 20 feet
Red Maple		5		12		Maple (spp.)	Full		< 5 feet	< 5 feet
Hemlock		2		14						
Yellow Birch		2		12						
Sugar Maple		80		14	85					
20	4110 - Sugar Maple Association	Sawtimber Well	36.2	92	111-140	N/A	Harvested in winter of 2010/2011 under contract #026-07-01. Some cherry in overstory.SF 2025: Good to okay quality northern hardwood stand heavy to sugar maple. Legacy trees within stand. Intermittent stream found under the snow in the northernmost finger tip of stand; stand was BMP site conditioned north of this stream.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Sugar Maple		10		25	150	Blackberry/Raspberry		Low	< 5 feet	< 5 feet
Quaking Aspen		2		18		Sugar Maple		Full	Variable	Variable
Black Cherry		2		18		Leatherwood		Low	< 5 feet	< 5 feet
Red Maple		10		13		Black Ash		Low	5 - 10 feet	5 - 10 feet
Yellow Birch		1		11		Ironwood		Medium	Variable	Variable
Basswood		5		12		White Spruce		Low	Variable	Variable
Sugar Maple		70		13	92	Maple (spp.)		Full	< 5 feet	< 5 feet
						Black Cherry		High	Variable	Variable
						Balsam Fir		Trace	< 5 feet	< 5 feet



Stand

Level 4 Cover Type

Size Density

Acres

Stand Age

BA Range

Managed Site

General Comments

21

4119 - Mixed Northern Hardwoods

Poletimber Well

21.4

85

81-110

N/A

SF 2025: Poor Quality northern hardwoods poles stand with very diverse mix of species. Cedar in pockets

Canopy Species	% Cover	Size Class	DBH	Age
Balsam Poplar	2	Seedling	7	
Tamarack	1	Seedling	8	
White Pine	1		18	
Sugar Maple	35		9	85
Paper Birch	4	Seedling	7	
Yellow Birch	1		12	
Red Maple	35		9	85
Balsam Fir	8	Sapling	5	
Northern White Cedar	2		11	
Bigtooth Aspen	8	Sapling	5	
Black Cherry	2		9	
White Spruce	1		14	

Sub-Canopy Species	Density	Avg. Height	Size
Black Cherry	Low	5 - 10 feet	5 - 10 feet
Black Ash	Trace	5 - 10 feet	5 - 10 feet
Red Maple	Low	>20 feet	>20 feet
Ironwood	Low	10 - 20 feet	10 - 20 feet
Tag Alder	Low	5 - 10 feet	5 - 10 feet
Balsam Fir	Full	Variable	Variable
Black Spruce	Trace	< 5 feet	< 5 feet
Quaking Aspen	Medium	>20 feet	>20 feet

22

4112 - Maple, Beech, Cherry Association

Poletimber Well

2.7

85

141-170

N/A

SF 2025: Small, densely stocked northern hardwood stand heavy to red maple. Ok quality. Maple saplings are unacceptable growing stock.

Canopy Species	% Cover	Size Class	DBH	Age
Quaking Aspen	5		12	
Yellow Birch	2	Seedling	7	
Red Maple	65		7	85
White Spruce	5		11	
Sugar Maple	20		8	85
Paper Birch	3		7	

Sub-Canopy Species	Density	Avg. Height	Size
Maple (spp.)	Medium	>20 feet	>20 feet
Balsam Fir	Low	Variable	Variable

23

4119 - Mixed Northern Hardwoods

Poletimber Well

9.1

85

81-110

N/A

Stand primarily comprised of sugar maple with lesser component of red maple. No real access. Stand is surrounded by swamp, private land, and located between Deer Creek and Werner Creek. SF 2025: Dense northern hardwood pole stand of poor to okay quality. North part of stand is heavy to white birch poles with spruce and fir mixed in. Fire scarring seen on old stumps in stand.

Canopy Species	% Cover	Size Class	DBH	Age
Hemlock	2		13	
Paper Birch	10		10	
Sugar Maple	65		10	85
White Spruce	5		12	
Red Maple	10		10	
Balsam Fir	6	Seedling	6	
Northern White Cedar	2		10	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Medium	5 - 10 feet	5 - 10 feet
Maple (spp.)	Medium	>20 feet	>20 feet
White Spruce	Low	< 5 feet	< 5 feet
Ironwood	Low	10 - 20 feet	10 - 20 feet
Maple (spp.)	High	< 5 feet	< 5 feet

24

6120 - Lowland Cedar

Poletimber Well

145.9

106

171-200

N/A

Cedar, fir, balsam poplar, and red maple form overstory. Very wet.SF 2025: Variable lowland cedar stand. Pockets of blowdown. Small pockets heavier to paper birch, with over 50% cedar mixed in. Contains areas of flooded cedar poles <5 inches at dbh. Also contains sub 2acre hardwood islands which are inaccessible.

Canopy Species	% Cover	Size Class	DBH	Age
Northern White Cedar	73		10	106
Balsam Fir	7	Seedling	6	
Balsam Poplar	2		14	
Red Maple	3	Seedling	7	
Paper Birch	10	Seedling	8	
Black Spruce	5	Seedling	8	

Sub-Canopy Species	Density	Avg. Height	Size
Tag Alder	Medium	5 - 10 feet	5 - 10 feet
Balsam Fir	Medium	Variable	Variable





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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments			
37	4110 - Sugar Maple Association	Sawtimber Well	8.6	95	111-140	N/A	Hemlock and cedar are infrequent overstory associates.SF 2025: Good quality log size northern hardwood stand heavy to sugar maple. Eastern edge of stand is wetter ground. Good maple regeneration of acceptable growing stock in high density throughout, especially within canopy gaps.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Red Maple		10		14		Balsam Fir		Low	10 - 20 feet	10 - 20 feet
Sugar Maple		85		12	95	Yellow Birch		Low	10 - 20 feet	10 - 20 feet
Yellow Birch		4		14		Ironwood		Low	10 - 20 feet	10 - 20 feet
Hemlock		1		13		White Spruce		Trace	5 - 10 feet	5 - 10 feet
						Maple (spp.)		Full	< 5 feet	< 5 feet
						White Pine		Trace	10 - 20 feet	10 - 20 feet
						Black Cherry		Low	10 - 20 feet	10 - 20 feet
						Maple (spp.)		High	10 - 20 feet	10 - 20 feet
38	4112 - Maple, Beech, Cherry Association	Sawtimber Well	6.9	85	111-140	N/A	Stand harvested under permit # 030-97-01 in 2000. SF 2025: Okay to good quality northern hardwood stand with a good mix of northern hardwood species. Basal area average is around 110, with patches closer to 70.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Red Maple		45		13		Balsam Fir		Low	10 - 20 feet	10 - 20 feet
Black Cherry		3		13		Maple (spp.)		Full	< 5 feet	< 5 feet
Yellow Birch		2		18		White Spruce		Low	5 - 10 feet	5 - 10 feet
Sugar Maple		50		13	85	Ironwood		Medium	10 - 20 feet	10 - 20 feet
						Maple (spp.)		Medium	10 - 20 feet	10 - 20 feet
39	4110 - Sugar Maple Association	Sawtimber Well	2.3	85	141-170	N/A	Good quality upland northern hardwood stand, log size class, heavy to sugar maple. Ironwood is dominating the sapling layer of the understory. Not many maple saplings are acceptable growing stock.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
White Spruce		1	Seedling	8		Maple (spp.)		High	< 5 feet	< 5 feet
Balsam Fir		1	Seedling	8		Maple (spp.)		Low	Variable	Variable
Yellow Birch		1		14		Balsam Fir		Low	Variable	Variable
Hemlock		1		14		Ironwood		Full	10 - 20 feet	10 - 20 feet
Quaking Aspen		5	Seedling	6						
Sugar Maple		75		12	85					
Black Cherry		5		14						
Ironwood		1		15						
Red Maple		10		12						
40	6123 - Lowland Fir	Sawtimber Well	31.1	62	81-110	N/A	Fir snags and windthrow common. SF 2025: Stand is part of the active East Lime Timber Sale, 32-004-17 (2). Stand is 2/3 harvested (PU4, harvested in 2022), with the east 1/3 still unharvested (PU5). Residual overstory in harvested portion is 20-30 BA cedar, cherry, and yellow birch. Harvested portion of stand shows free to grow black cherry, balsam poplar, and red maple saplings with heavy deer browse on the lower branches.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Balsam Poplar		10		12		Balsam Fir		Low	5 - 10 feet	5 - 10 feet
Red Maple		5	Seedling	8						
Balsam Fir		50		9	62					
Black Cherry		2	Seedling	8						
White Spruce		33		16						



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																																																												
41	4112 - Maple, Beech, Cherry Association	Poletimber Well	1.0	85	81-110	N/A	Retention patch from surrounding aspen clearcut.SF 2025: Small, okay-quality northern hardwood stand in the log/pole size class.																																																																																												
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42	6111 - Lowland Balsam Poplar	Sapling Well	69.5	25	Immature	N/A	Fully stocked. east-west aligned drainage in stand. Residual hemlock, sugar maple, red maple, and cedar from past overstory. White pine, tamarack, red pine, and black ash saplings present. Was cut in 2000 under permit #30-97-01.SF 2025: Most of stand is well-stocked aspen with bigtooth in the uplands and quaking aspen and balsam poplar in the lowlands.																																																																																												
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43	6120 - Lowland Cedar	Poletimber Poor	114.0	126	1-50	N/A	SF 2025: Wet cedar pole stand. Variable. Low basal area and partially open canopy.																																																																																												
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44	6220 - Alder/Willow	None	14.7			No	Stream corridor. Tag alder in patches. Some areas of corridor forested right up to stream.																																																																																												
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45	6225 - Bog	None	1.1			No																																																																																													



Stand	Level 4 Cover Type		Size Density		Acres	Stand Age	BA Range	Managed Site	General Comments		
46	6112 - Lowland Aspen		Sapling Well		30.5	23	51-80	N/A	A3 with small patches of residual cedar from last overstory. White spruce, yellow birch, fir, tamarack, and white birch poletimber also present. Fir, white birch, yellow birch, and black cherry saplings found. SF 2025: Wet, well-stocked aspen stand with cedar residuals mixed in. Diverse mix of species in canopy.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density		Avg. Height	Size
Balsam Poplar		33	Sapling	5	23	Sugar Maple		High		< 5 feet	< 5 feet
Balsam Fir		4	Sapling	5	25						
Black Ash		4	Sapling	5							
Paper Birch		1	Sapling	5							
White Spruce		1		10							
Quaking Aspen		35	Sapling	5	23						
Sugar Maple		4	Seedling	7							
Black Cherry		1	Pole	4							
Yellow Birch		1	Sapling	6							
Red Maple		4	Sapling	5							
Northern White Cedar		11	Seedling	5							
Tamarack		1	Sapling	6							
47	6139 - Mixed Lowland Forest		Poletimber Poor		64.4	50	1-50	N/A		1/2 to 2/3 of black ash or sub-merchantable size. Ash pockets stagnant - may never reach even one-stick size. Lot of standing water. Cedar patches.SF 2025: Mostly dead black ash with black ash saplings, tag alder, fir, and spruce comping up underneath. Very wet stand. Some areas of denser cedar poles.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height		Size
White Spruce		25		8		Tag Alder		Full	5 - 10 feet		5 - 10 feet
White Pine		2	Sapling	5		Balsam Fir		Medium	5 - 10 feet		5 - 10 feet
American Elm		5	Sapling	6		Black Ash		High	5 - 10 feet		5 - 10 feet
Northern White Cedar		5	Seedling	8		White Spruce		Low	Variable		Variable
Balsam Fir		25	Seedling	6							
Black Ash		5	Sapling	7	50						
Yellow Birch		5		12							
Red Maple		28	Seedling	8	50						
48	6115 - Lowland Ash		Poletimber Poor		26.4	60	1-50	N/A	Deep muck and organic soils. Flooded. Too wet to freeze in.SF 2025: Stand is mostly dead or dying black ash poles with black ash saplings, spruce, fir, and tag alder coming up underneath.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density			Avg. Height
Black Spruce		5	Seedling	6		Black Spruce		Low		10 - 20 feet	10 - 20 feet
Black Ash		87	Sapling	5	60	Yellow Birch		Trace		10 - 20 feet	10 - 20 feet
Yellow Birch		1	Seedling	5		Black Ash		Full		10 - 20 feet	10 - 20 feet
Red Maple		4	Sapling	5		Balsam Fir		Low		10 - 20 feet	10 - 20 feet
Northern White Cedar		3	Seedling	6		Tag Alder		Medium		5 - 10 feet	5 - 10 feet





Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
54	4319 - Mixed Upland Forest	Unspecified	61.1	3	Immature		Fir and spruce snags. Low timber quality soft maple. Hemlock and black ash saplings present. Cedar, white birch, and black ash are overstory members. SF 2025: Stand was treated in 2022 under 32-004-17 (2), "East Lime" Sale. Stand is mostly red maple stump sprouts and aspen saplings, mostly free to grow. Heavy deer browse in on parts of saplings under 5 ft in height. Residuals poles of cedar, hemlock, black cherry, yellow birch, and paper birch in the stand.
55	4113 - R.Maple, Conifer	Poletimber Medium	15.9	70	111-140	N/A	More spruce and fir in overstory next to stand 51. SF 2025: Ok quality red maple stand. Maple saplings within are mostly overtopped unacceptable growing stock. Stand condition is such that thinning would likely not encourage greater quality, with stems mostly pulp-quality.
56	4190 - Mixed Upland Deciduous with Cedar	Sapling Poor	4.4	4	Immature	N/A	Harvested 2021. Sale #32-003-17 West Lime. 2016- was suppose to be treated with Gwinn sale to the north but wasn't. contains a mix of spp. and high and low ground. OPIC - FMD: Heavier to cedar. Low area between A3 stand to the east and M6 to the west. SF 2025: Stand barely passes regeneration check, contains patches of poor stocking. Overall meets stocking criteria with a mix of red maple, paper birch, fir, and black cherry. Red maple is mostly stump sprout origin.
57	4112 - Maple, Beech, Cherry Association	Sawtimber Well	22.5	95	81-110	N/A	2018: 111-140 BA. No canopy gaps. SF 2025: Stand was recently treated during the "East Lime" Sale, 32-004-17 (2) in 2022. Good-quality northern hardwood log stand, about 90 basal area. Small canopy gaps are now present. Good quality acceptable growing stock maple regeneration is present, much of which is free to grow. Maple regeneration is competing with ironwood component.



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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments			
67	4119 - Mixed Northern Hardwoods	Poletimber Well	4.8	85	111-140	N/A	SF 2025: Okay quality northern hardwood pole/log stand with legacy trees. Maple saplings present are unacceptable growing stock. Heavy to spruce/fir/aspen species near intermittent stream located to the east.			
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size	
Sugar Maple	40		10	85	Hazelnut (Spp.)	Medium		5 - 10 feet	5 - 10 feet	
White Spruce	5	Seedling	6		Maple (spp.)	Low		10 - 20 feet	10 - 20 feet	
Basswood	15		17	85	Maple (spp.)	Full		< 5 feet	< 5 feet	
Sugar Maple	8		25		Balsam Fir	Low		Variable	Variable	
Quaking Aspen	5		11		Leatherwood	Medium		5 - 10 feet	5 - 10 feet	
Black Cherry	2		10		Ironwood	Low		< 5 feet	< 5 feet	
Red Maple	20		10	85						
Balsam Fir	5	Seedling	6							
68	4110 - Sugar Maple Association	Sawtimber Well	26.9	85	81-110	N/A		Harvested 2021-2022. Sale #32-003-17 West Lime.Stand harvested in 1991, and again in 2008 under permit #32-028-07-01. Many maple seedlings browsed. Pockets of M3 10 to 20 feet tall. Patches of sparse raspberry. White spruce saplings found.White spruce and hemlock are infrequent overstory associates. SF 2025: Good quality northern hardwood stand heavy to sugar maple. Great acceptable growing stock advanced regeneration coming up in canopy gaps. Canopy closure roughly 75%.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height		Size	
Red Maple	7		11		Ironwood	Medium	Variable		Variable	
Hemlock	2		19		Black Cherry	Low	< 5 feet		< 5 feet	
Yellow Birch	5		24		Sugar Maple	High	5 - 10 feet		5 - 10 feet	
Northern White Cedar	1	Seedling	7		Blackberry/Raspberry	Medium	< 5 feet		< 5 feet	
Basswood	5		13		Sedges	High	Not Applicable		Not Applicable	
Sugar Maple	80		10	85	Leatherwood	Medium	< 5 feet		< 5 feet	
69	4110 - Sugar Maple Association	Sawtimber Well	64.3	100	81-110	N/A	Harvested 2021-2022. Sale #32-003-17 West Lime.Select cut in 1997 under permit #32-031-97-01. SF 2025: High quality northern hardwood stand stand heavy to sugar maple. Stand just harvested, not yet growing acceptable advanced regeneration.			
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density			Avg. Height	Size
Black Cherry	2		9		Ironwood	Medium			10 - 20 feet	10 - 20 feet
Yellow Birch	2		16		Blackberry/Raspberry	Medium		< 5 feet	< 5 feet	
Red Maple	2		11		Sugar Maple	Full		< 5 feet	< 5 feet	
Sugar Maple	92		14	100	Balsam Fir	Low		Variable	Variable	
Basswood	2		18		Leatherwood	Low		< 5 feet	< 5 feet	
70	6120 - Lowland Cedar	Poletimber Medium	23.3	106	51-80	N/A	Cedar, fir, balsam poplar, and red maple form overstory. Very wet.			
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size	
Yellow Birch	5	Seedling	7		Balsam Fir	Medium		Variable	Variable	
Northern White Cedar	80	Seedling	9	106	Black Ash	High		< 5 feet	< 5 feet	
Balsam Fir	5	Sapling	6		Black Spruce	Trace		< 5 feet	< 5 feet	
Red Maple	5	Sapling	6							
Black Ash	5	Pole	3							



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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																															
78	42390 - Mixed Non-Pine Upland Conifers	Sawtimber Well	24.1	126	81-110	N/A	Werner Creek corridor. White spruce and hemlock are overstory members.																																																															
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79	4115 - Y.Birch, Hemlock NH	Sawtimber Medium	8.9	82	111-140	N/A	SF 2025: Wetter hardwood stand, mostly okay quality log size red maple.																																																															
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80	6120 - Lowland Cedar	Poletimber Well	1.4	80	81-110	N/A	SF 2025: Low conifer pocket																																																															
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81	6120 - Lowland Cedar	Poletimber Medium	7.2	105	81-110	N/A	Area has been thinned through in past. Yellow birch in overstory. Yellow birch and black spruce saplings found. Clumpy distribution to cedar overstory.SF 2025: Much of black ash in overstory has died leaving snags. Wet stand; much of stand is a swale. Last harvest gave stand a patchy overstory distribution and now saplings are coming up between holes in the canopy.																																																															
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
82	6130 - Fir, Aspen, Maple	Unspecified	11.1	3	81-110		SF 2025: Stand was harvested in 2025 under contract: #32-004-17 (2) "East Lime". Prior to harvest it was typed as an upland mixed cover type dominated by red maple, fir, spruce, and some aspen. Stand is fully stocked with advanced regeneration as of 2025, although timber sale was not yet closed out. Patches of stand are very wet and are not yet regenerating. Area in the north of the parent stand was used as retention.
83	6113 - Lowland Maple	Poletimber Well	12.8	106	81-110	N/A	SF 2025: Low ground red maple pole stand. Poor quality.
84	6122 - Black Spruce	Poletimber Well	7.8	69	81-110	N/A	SF 2025: Good quality black spruce stand, not yet deteriorating. Eastern part of stand is a patch of aspen. Black spruce saplings within are unacceptable growing stock.
85	612 - Lowland Coniferous Forest	Poletimber Poor	25.0	110	Unspecified	N/A	Very saturated soils. Sf2025: Time constraints, used old data. Airphoto shows small canopies, likely black ash, tag alder, cedar and other mixed small conifer poletimber.
86	4112 - Maple, Beech, Cherry Association	Poletimber Well	1.6	85	141-170	N/A	SF 2025: Small, densely stocked northern hardwood stand heavy to red maple. Ok quality. Maple saplings are unacceptable growing stock.
87	613 - Lowland Mixed Forest	Poletimber Well	3.3	85	51-80	N/A	SF 2025: Small mixed conifer/hardwood island at tip of aspen stand. Should be treated with the aspen stand to the south because it is cut off from access to the west by very wet ground.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																																																	
88	6120 - Lowland Cedar	Poletimber Medium	10.3	85	51-80	N/A	Sf 2025: Very wet lowland cedar stand. Trees within are mostly small.																																																																																	
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89	6132 - Mixed Lowland Forest with Cedar	Poletimber Well	38.3	126	81-110	N/A	Heavy to cedar lowland stand. Some black ash, balsam poplar, aspen, red maple, and yellow birch. Split off from larger lowland mixed stand because of access from adjacent compartment to the west.																																																																																	
90	6112 - Lowland Aspen	Poletimber Poor	5.4	106	51-80	N/A	SF 2025: Low ground blowdown area. Stand has fallen apart, canopy coverage is closer to 25%, 50 basal area average with patches much lower than 50 basal area. Is naturally succeeding to mixed deciduous with maple and aspen being the dominant species coming up.																																																																																	
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91	4134 - Aspen, Spruce/Fir	Sawtimber Well	4.4	80	111-140	N/A	SF 2025: Old age aspen stand with heavy component of spruce and fir. Some healthy black cherry in stand, but overall low quality and aging out.																																																																																	
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
98	6113 - Lowland Maple	Sawtimber Well	5.1	85	171-200	N/A	SF 2025: Small poor quality red maple stand. Large diameter log-size trees are wildlife-quality and are of the poorest quality. Multiple wet swales within. Maple saplings are unacceptable growing stock.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Black Ash	2	Seedling	6		White Spruce	Low		< 5 feet	< 5 feet
Quaking Aspen	5		18		Quaking Aspen	Low		< 5 feet	< 5 feet
White Spruce	5		9		Hazelnut (Spp.)	Medium		5 - 10 feet	5 - 10 feet
Red Maple	16		22		Red Maple	Medium		10 - 20 feet	10 - 20 feet
Hemlock	5		12		Black Ash	Medium		5 - 10 feet	5 - 10 feet
Yellow Birch	2		9		Balsam Fir	High		>20 feet	>20 feet
Red Maple	60	Seedling	9	85					
Northern White Cedar	5	Seedling	6						
99	6119 - Mixed Lowland Deciduous Forest	Poletimber Well	31.7	77	111-140	N/A	SF 2025: Mixed deciduous lowland stand. Maple saplings within are unacceptable growing stock. 77 years old. Aspen is deteriorating, but other species are still healthy. Southern tip a little heavier to paper birch than main part of stand.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
White Spruce	5		13		White Spruce	Low		5 - 10 feet	5 - 10 feet
Paper Birch	13	Seedling	8	77	Balsam Fir	High		Variable	Variable
White Pine	1		22		Ironwood	Low		5 - 10 feet	5 - 10 feet
Yellow Birch	10		18		Maple (spp.)	Low		Variable	Variable
Red Maple	55	Seedling	7	77	Yellow Birch	Trace		Variable	Variable
Hemlock	1		18						
Black Ash	3	Sapling	5						
Balsam Fir	7	Seedling	6						
Quaking Aspen	5		16						
100	6113 - Lowland Maple	Poletimber Well	12.3	85	81-110	N/A	SF 2025: Low ground red maple stand, poor quality and slow growing. Basal area is highly variable between upland ground and lowland ground, with low ground showing basal areas as low as 50-70. Red maple saplings are unacceptable growing stock.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Hemlock	1		12		Balsam Fir	Medium		< 5 feet	< 5 feet
Paper Birch	3		7		White Spruce	Low		< 5 feet	< 5 feet
Red Maple	80		8	85	Balsam Fir	Low		Variable	Variable
Northern White Cedar	5	Seedling	7		Red Maple	Low		>20 feet	>20 feet
Yellow Birch	2		12						
White Spruce	2		8						
Quaking Aspen	5		18						
Balsam Fir	2	Seedling	5						
101	4130 - Aspen	Sawtimber Medium	4.6	90	81-110	N/A	SF 2025: Stand is large diameter aspen which has gone past its economic rotation age. A fair amount of blowdown is within the stand, but the basal area is still around 100. Stand is in the process of deteriorating and successing.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Red Maple	15	Seedling	7		White Spruce	Low		Variable	Variable
Balsam Fir	5	Seedling	8		Red Maple	High		Variable	Variable
Paper Birch	10	Seedling	7		Quaking Aspen	High		< 5 feet	< 5 feet
Sugar Maple	5	Seedling	6		Balsam Fir	High		< 5 feet	< 5 feet
Black Spruce	5	Seedling	8		Balsam Fir	Medium		Variable	Variable





