Compartment Review Presentation

Traverse City Forest Management Unit

Compartment 61010
Entry Year 2028
Acreage: 1,965
County: Benzie
Management Area: Grand Traverse Moraine

Stand Examiner: Melina Hurin

Legal Description:

T27N R13W Sections 19, 28-31, 33

Identified Planning Goals:

Compartment 10 is part of the Grand Traverse Moraine management area (MA). Vegetation management in this MA will provide forest products; maintain or enhance wildlife habitat; protect areas of unique character and threatened, endangered and special concern species, and provide for forest-based recreational uses and Native American non-commercial uses of forest products. Timber management for the next 10 years includes improving the age-class distribution of aspen and red pine. Northern hardwoods management includes continued selective or regeneration harvesting of northern hardwoods to achieve an uneven age-class structure or improve timber quality. Wildlife management objectives include increasing the structural complexity of northern hardwood communities for interior forest species and perpetuating early-successional communities for species adapted to young forests. Recreational trails and existing/potential forest health concerns will be taken into account for treatment proposals. There are several small to medium sized aspen regeneration harvests proposed throughout the compartment, as well as some hardwood selection cuts and pine thinnings. In contrast, some stands typed as aspen will be allowed to succeed naturally to hardwoods, having poor quality mature quaking aspen over well-stocked maple saplings.

Soil and topography:

The compartment contains primarily Kaleva, Grattan, Benzonia and Shavenaugh sand soil types, with occasional inclusions of muck soils in wetlands. Most of the compartment is within a pitted outwash plain landscape, with rolling terrain and numerous, often steep-sided kettle depressions. State owned parcels in the southeast part of the compartment are on outwash plain, and are flat to gently rolling, with some lowland forest along the Platte River floodplain and adjacent small lakes.

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

There is fairly solid state forest ownership to the west of the compartment, with some scattered blocks east of Maple City Hwy. Land to the west of the compartment is state land, whereas much of the west surrounding is privately owned. The Grand Traverse Regional Land Conservancy owns most of the land surrounding Lower Woodcock Lake, sharing ownership lines with Compartment 10 and 11. Large blocks of private land separate state lands within the compartment, and consist of active and idle farmlands, rural residential parcels, private timberlands, gravel pits, and a small airport. To the south are more state lands along the Platte River and some private land blocks. Development is relatively light along the river and lakeshores.

Unique Natural Features:

A short stretch of the Platte River runs through the east side of the compartment. There are also several small lakes in that area, with some state land frontage on Upper Woodcock Lake. Numerous kettle depressions are present, some of which have wetlands. Eliza Lake is the most prominent of these. Red-shouldered hawk and Goshawk habitat is present in forest cover around these lakes and wetlands.

Archeological, Historical, and Cultural Features:

No known Archaeological, Historical, and Cultural Features.

Special Management Designations or Considerations:

Scattered small patches/stands of older white pines and hemlocks can be retained to enhance local wildlife cover and biodiversity. Active management should be avoided on the floodplain and bluffs along the Platte River, as well as floodplain around Upper Woodcock Lake.

Watershed and Fisheries Considerations:

The Platte River and numerous small lakes are found within this compartment. The Platte River is a designated trout stream with naturally reproducing populations of both brown trout and rainbow trout. Reasonable buffers (as outlined in Water Quality Management Practices on Forest Land) should be adhered to around all the lakes and ponds in this

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compartment. Existing buffers along Upper Woodcock Lake and the Platte River appear to be appropriate for the proposed treatments.

Wildlife Habitat Considerations:

Sandy soils predominate in compartment 10 and support large areas of aspen and mixed hardwoods. Natural disturbances on this landscape were wildfire and wind throws predominately. However, this compartment occupies a part of the landscape which may have been shielded from fire, to a degree. Some management for successionally advanced hardwood/white pine stands is therefore fitting to this compartment. Hardwood treatments are typically designed to incorporate the preservation of within-stand tree species diversity, the retention of mature mast producing trees, and the protection of den, cavity, and downed trees. Beech bark disease and oak wilt issues are serious concerns for mast production. Steps should be taken to promote disease resistant species as well as to diversify the types of mast. Species benefiting from hardwood forests include red shouldered hawks, northern goshawks, wild turkeys, gray squirrels, and eastern box turtles. Beech is particularly important to wildlife in these drier hardwood types. Rare woodland hawks have been known to nest in this area; proposed timber sales in the vicinity of active nests should be adjusted to comply with the established DNR hawk nest guidelines. A portion of the Northwest section of this compartment was purchased with state game funds (200 acres).This compartment also has a history of aspen cutting toward increased age class diversity to benefit grouse, woodcock, golden-winged warbler, deer, and other species. Such early successional management will be continued in this area, with additional aspen harvests scheduled this period. Incorporating snags, leave trees, and downed material in these cuts will help to increase wildlife use and to replicate a wildfire-altered forest. Pine plantations can also be found here and where possible, hardwoods should be encouraged within these plantations for within stand diversity. Management of pine stands here should consider incorporating small (1-2 acre) islands that are left relatively un-thinned within mature stands to provide winter roosting cover for turkeys.Non- forested areas (openings) are an important community type on these typically fire driven landscapes. Several opening maintenance projects are proposed in the compartment to benefit openland species such as cedar waxwings, wild turkey, deer, blue racers, mourning doves, meadow voles, or red fox.

Mineral Resource and Development Concerns and/or Restrictions

There is no known potential for the occurrence of economic deposits of metallic minerals in this part of the state. The closest known active sand/gravel operation is just outside the compartment, in Sec 20. There is some potential for sand & gravel in the compartment on the uplands. The compartment is outside of the main Antrim Shale gas play, and the Antrim Shale beneath the compartment is believed to be relatively thin and pinching out to the northwest. A couple Antrim gas test wells have been drilled in the vicinity of the compartment, but no production has occurred. At current gas prices, even if wells in this area are capable of producing, it would not be economical to develop a new field here. Potential for future Antrim gas development is considered very low. Potential for oil & gas from other known producing formations beneath the compartment is considered low at this time. The State does not own all the mineral rights within the compartment. Because the mineral estate is the dominant estate, reasonable access to the surface must be provided to private owners if they choose to explore or develop their mineral rights.

Vehicle Access:

Access is reasonably good throughout the compartment for management and recreational use, except that the SENE of section 33 has no road frontage. Any new trails built for treatments should be closed off when no longer needed.

Survey Needs:

None needed at this moment.

Recreational Facilities and Opportunities:

A short stretch of the Platte River and a tributary are accessible from state land for walk-in fishing. The Shore-to-Shore equestrian & hiking trail traverses the compartment via Hooker and Burnt Mill roads. The Platte River Snowmobile Trail follows the south edge of section 31 along Oakley Road. Other recreational uses include hunting, berry picking, and mushrooming.

Fire Protection:

This area is protected by the Traverse City DNR office as well as by Almira Township Fire and Rescue. Access is not a real problem in this area. Fuel types here are primarily hardwood, and while there are some homes in the private land, urban interface is not too much of a problem. Close proximity to both the local VFD as well as the Traverse City DNR Office provide rapid response.

Additional Compartment Information:

There may be some minor trespass issues, particularly where private homes abut state property in section 33.

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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**

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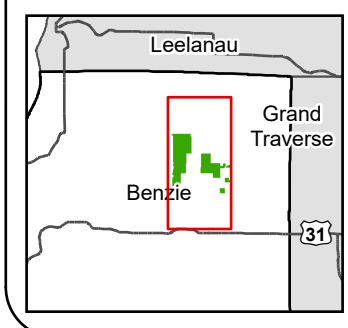
Field Map

Compartment: 61010
T27N R13W 19, 28-31, 33
County: Benzie
Unit: Traverse City
Mgmt. Area: Grand Traverse Moraine
YOE: 2028
Acres: 1,965.20 GIS Calculated
Examiner: Melina Hurin
Date Exported: 06/25/2026
Map Phase: Web Post



N

- Survey Grade Corners
- House
- Trailhead
- Berm
- Gate
- Designated Hiking Pathway
- Designated Bicycle Trails
- Designated Equestrian Trails
- Designated Ski Trails
- Designated Snowmobile
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State Highway
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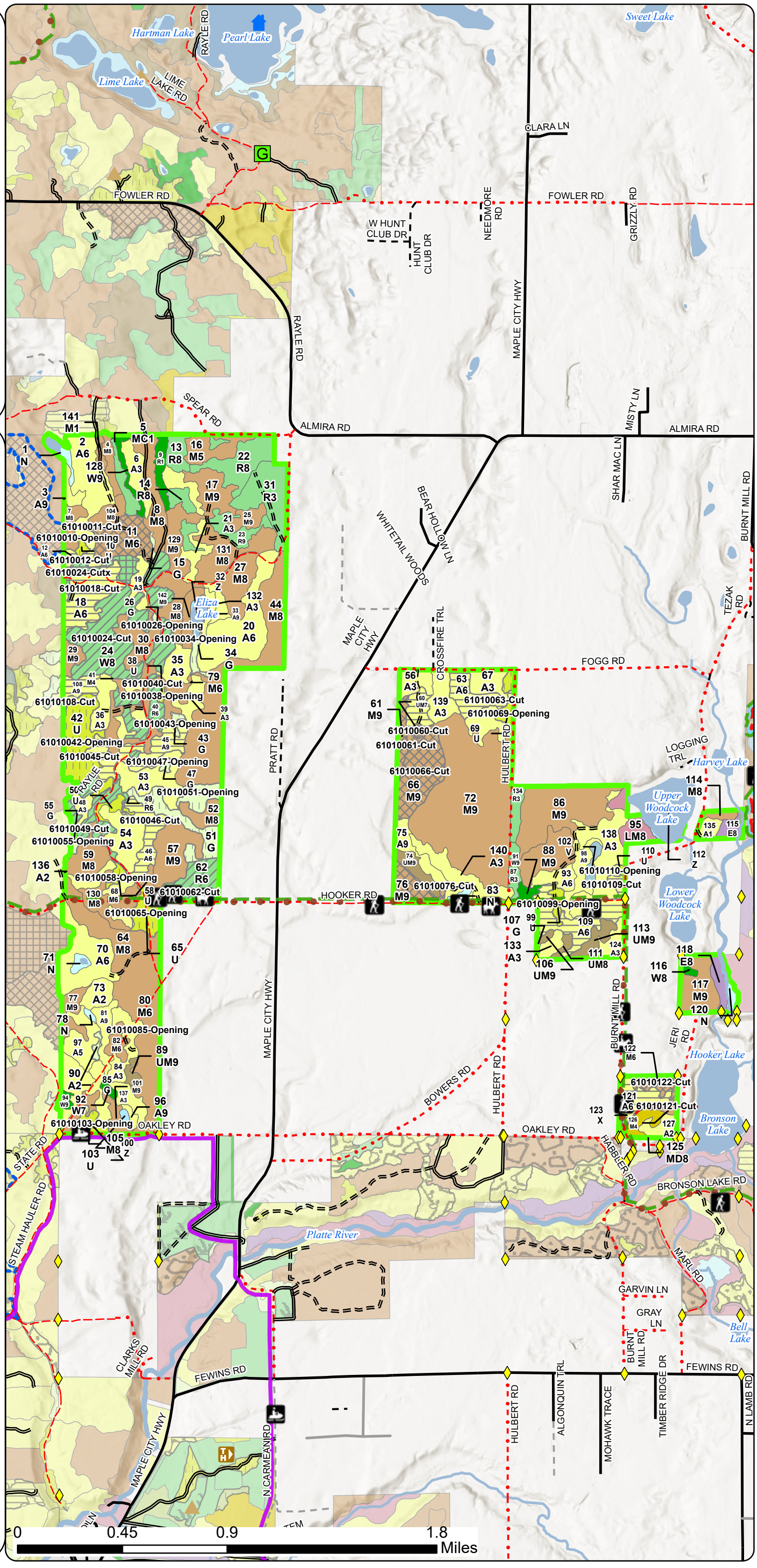
- County - Dirt Road (Seasonal)
- Private - Paved Road
- Private - Dirt / Gravel Road
- Streams
- Lakes and Rivers
- Compartment Boundary
- Treatments with Site Conditions
- Clearcut
- Selection
- Seed Tree
- Thinning
- Openings Mgmt.
- 411 - Northern Hardwood
- 413 - Aspen
- 419 - Mixed Upland Decidous
- 421 - Planted Pines
- 422 - Natural Pines
- 430 - Upland Mixed Forest
- 500 - Water
- 611 - Lowland Deciduous Forest
- 613 - Lowland Mixed Forest
- 122 - Road/Parking Lot
- 310 - Herbaceous Openland
- 330 - Low Density Trees
- 622 - Lowland Shrub
- 623 - Emergent Wetland



Cover Type & Treatments Map

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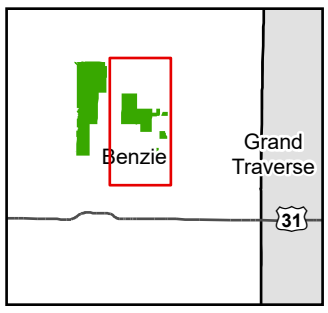

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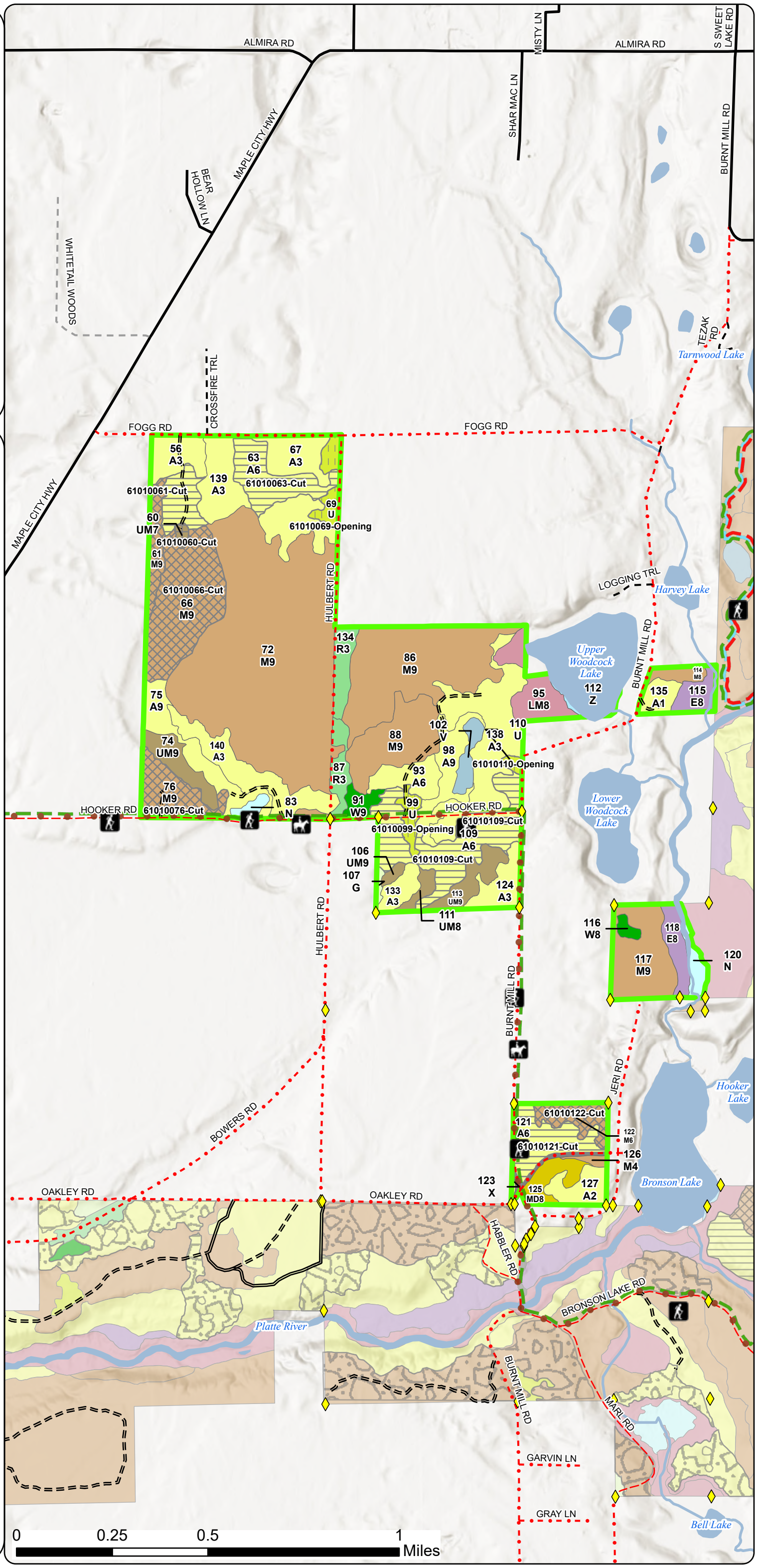

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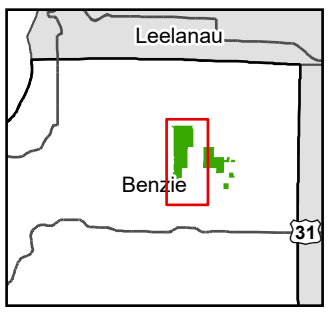

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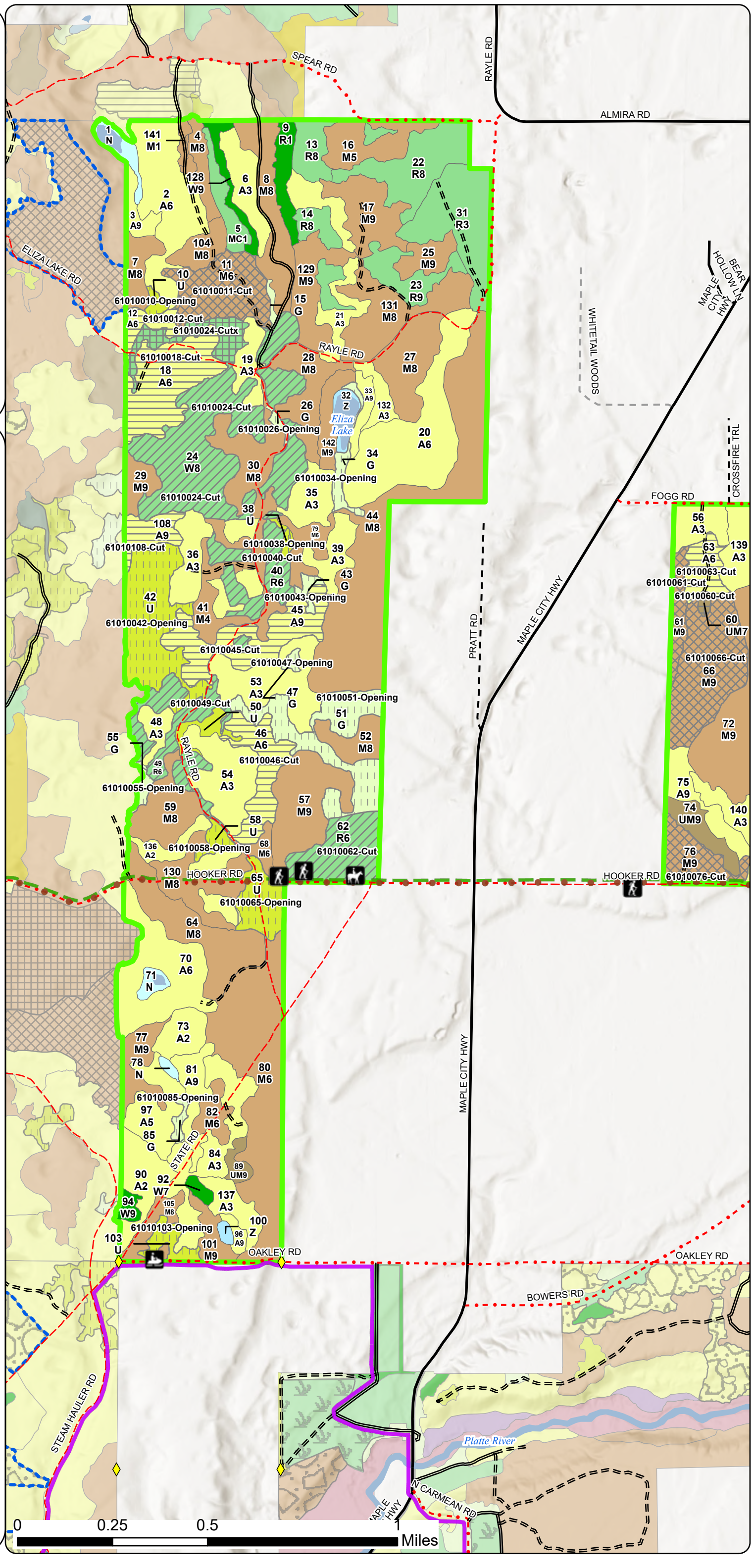

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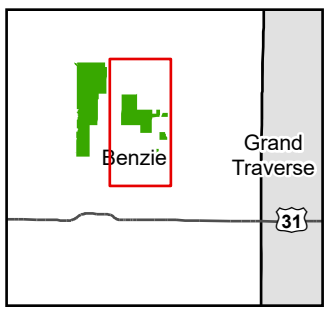

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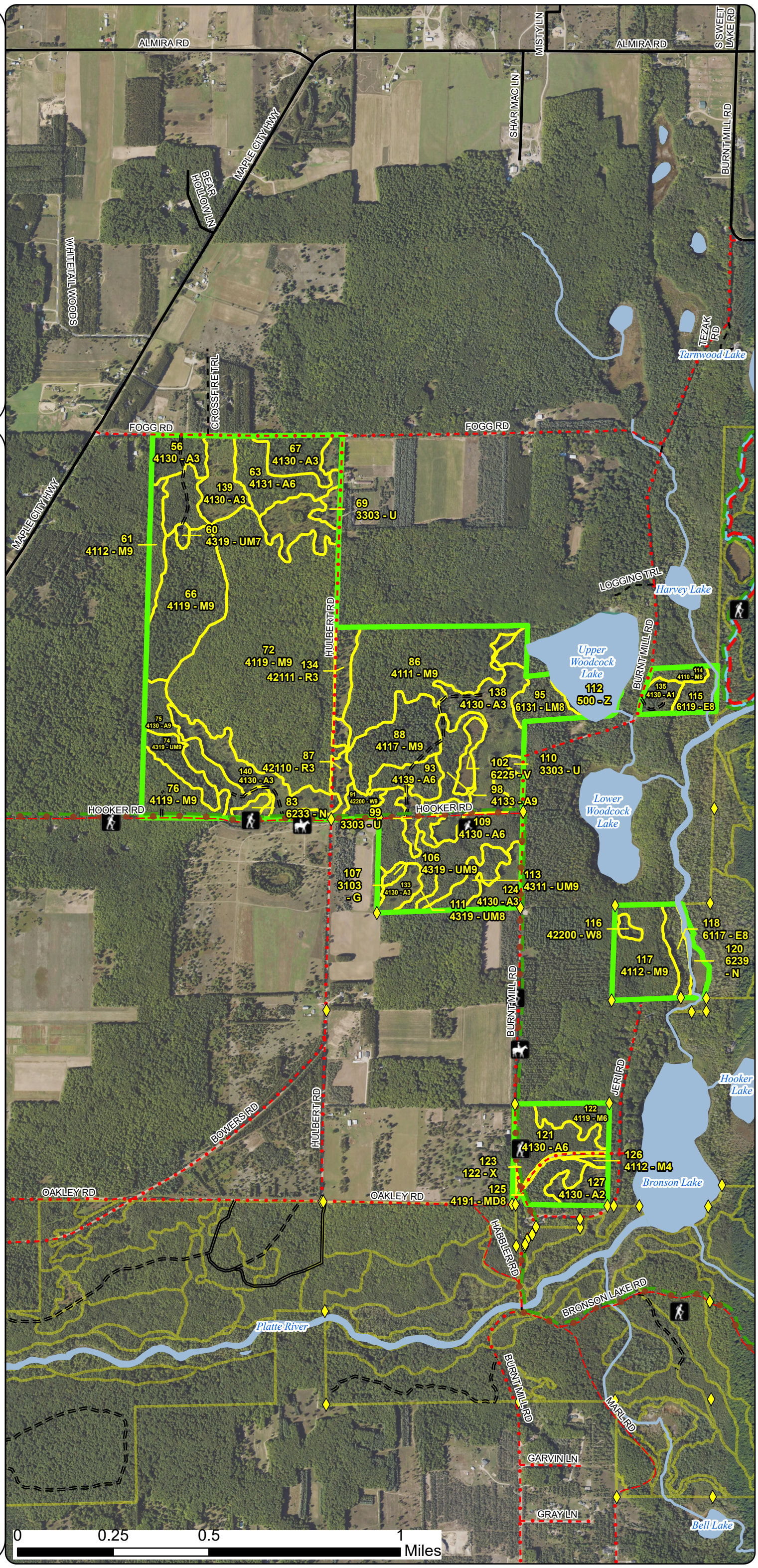

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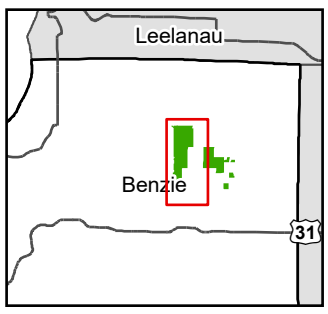

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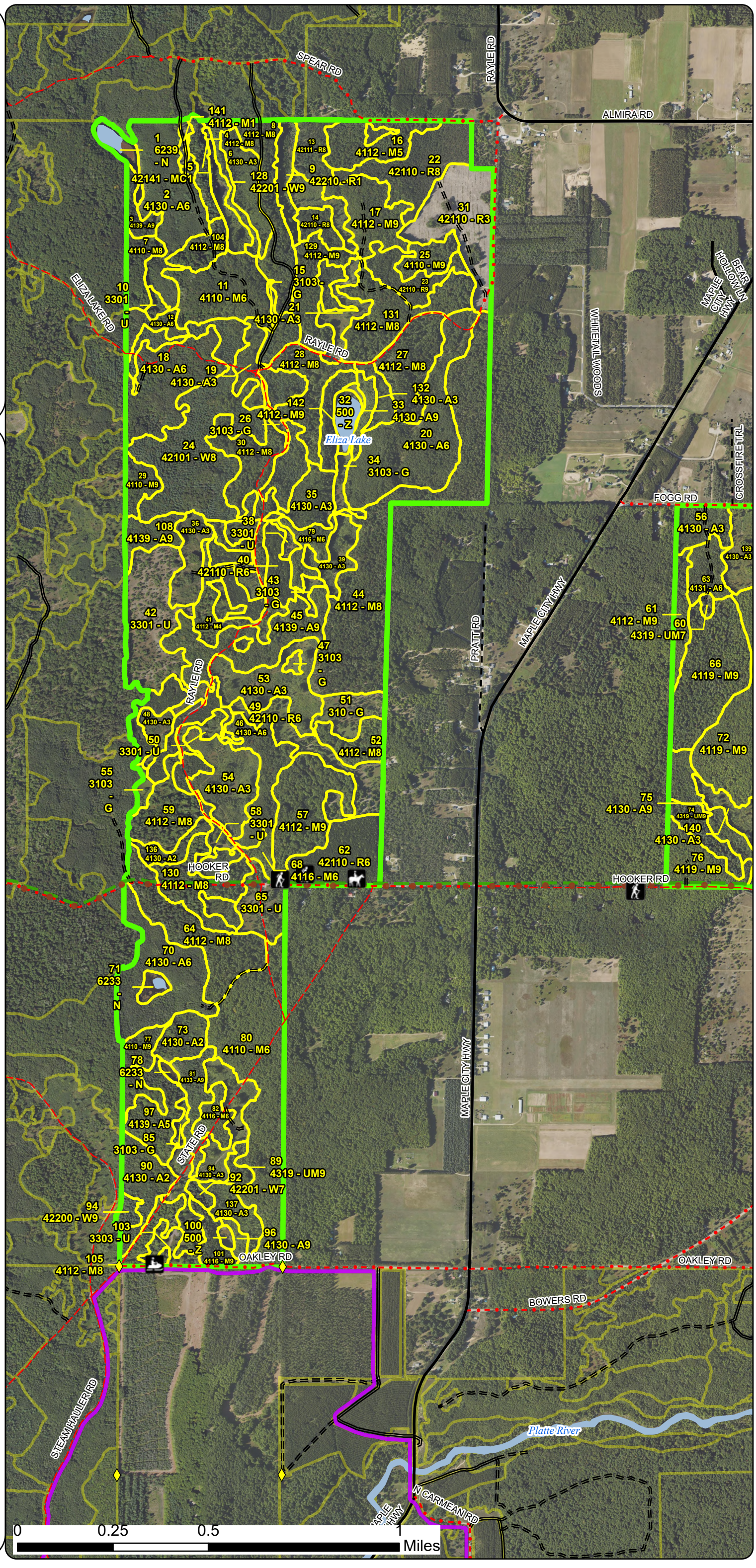

Special Conservation Areas & Site Conditions Map

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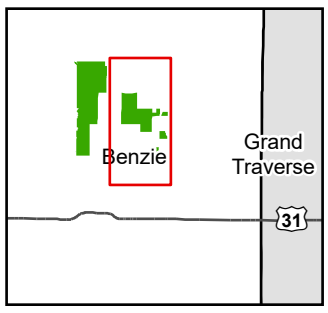

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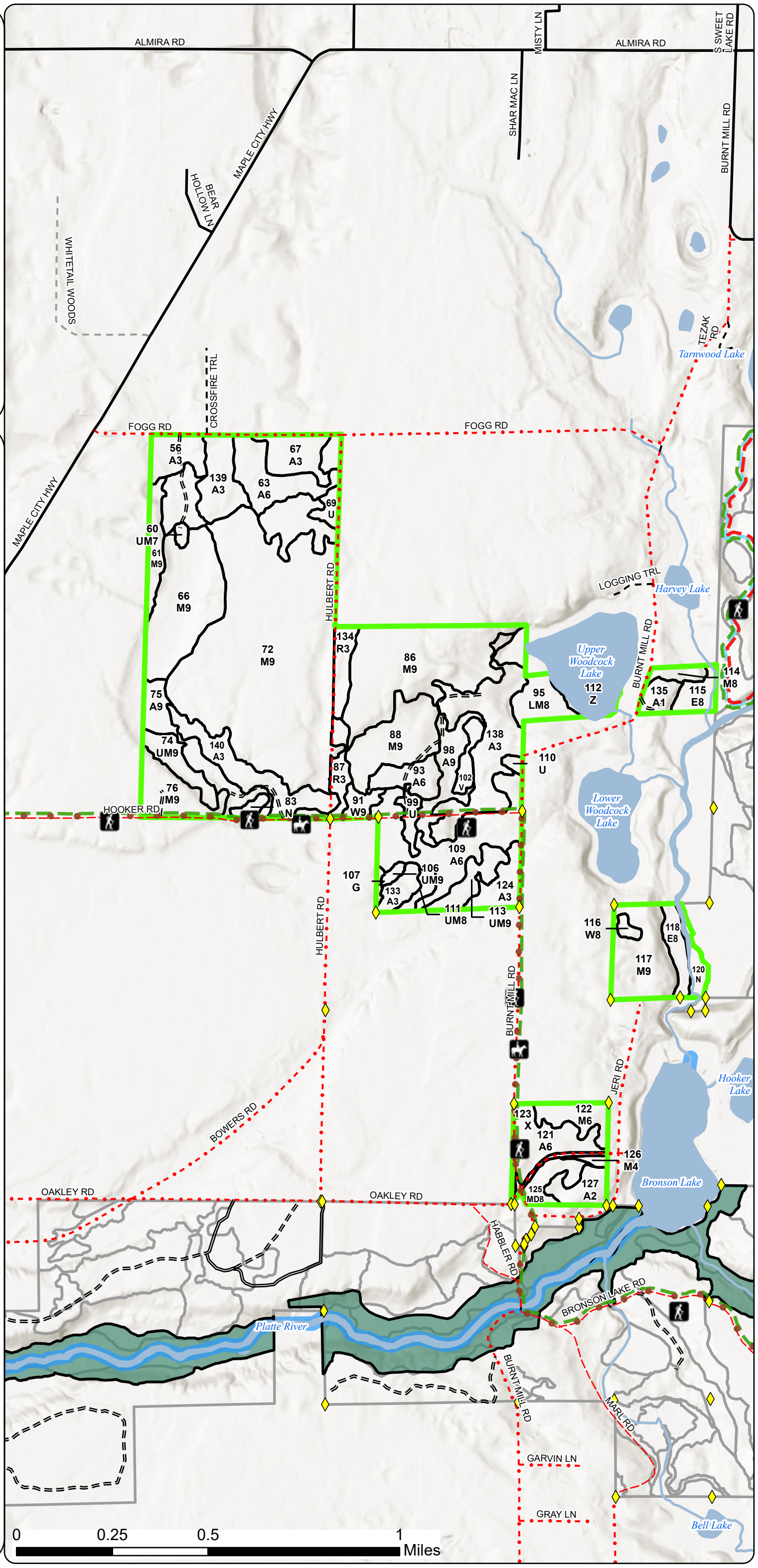
- Vernal Pool



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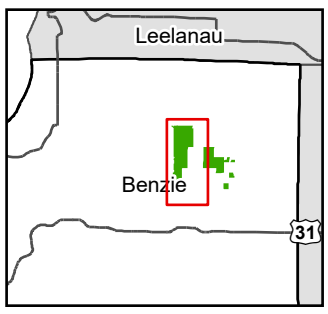

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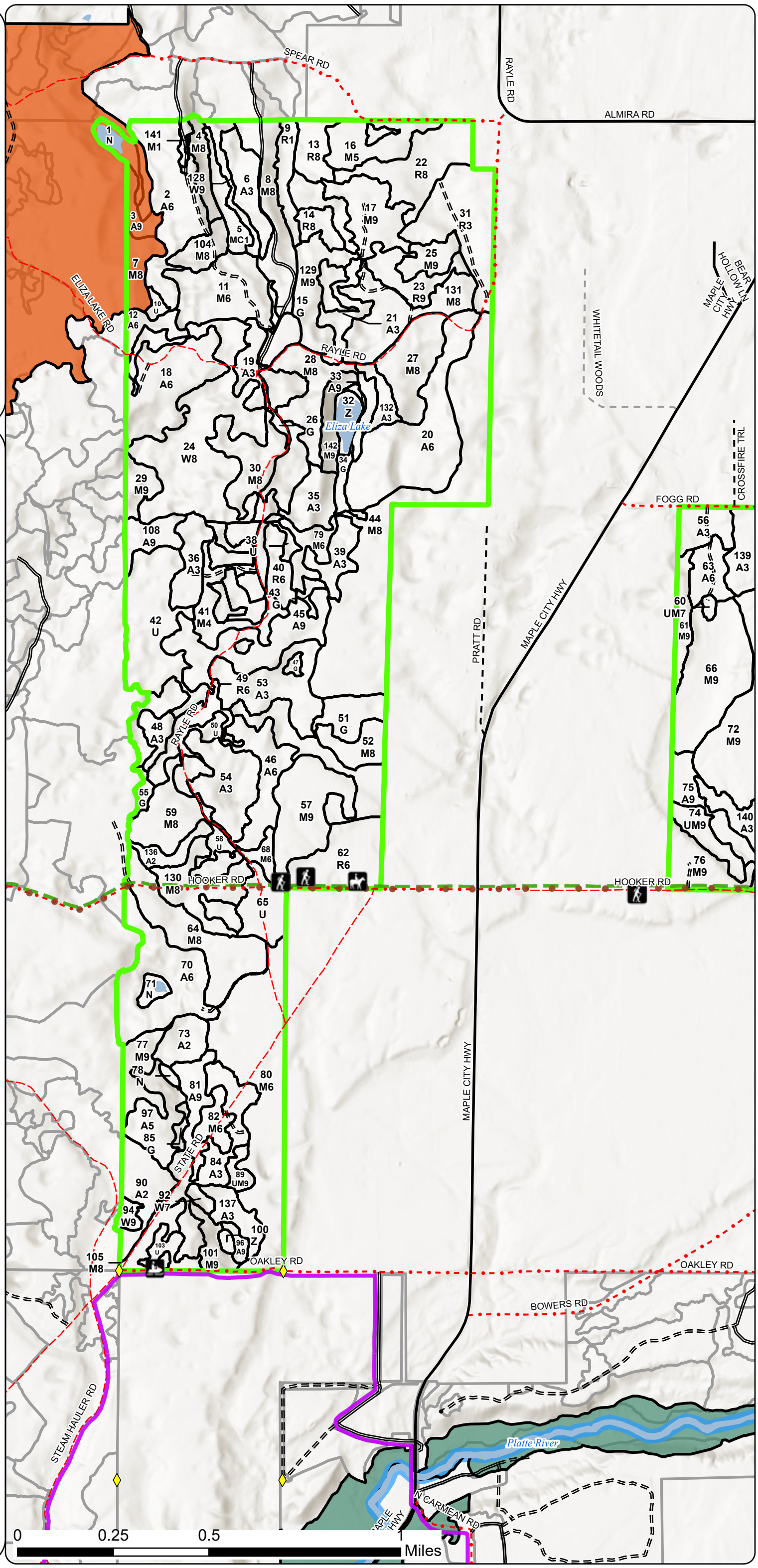

Report 1 – Total Acres by Cover Type and Age Class

Traverse City Mgt. Unit **Compartment 10** **Year of Entry 2028**

Melina Hurin : Examiner

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	204	90	47	77	6	179	25	0	2	4	0	0	0	0	0	0	24	**658**
Bog	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**4**
Herbaceous Openland	44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**44**
Low-Density Trees	73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**73**
Lowland Deciduous	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	7	0	**13**
Lowland Mixed Forest	0	0	0	0	0	0	0	0	0	0	0	0	13	0	0	0	0	0	**13**
Marsh	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**16**
Mixed Upland Deciduous	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	**7**
Northern Hardwood	0	2	0	0	0	0	12	0	0	0	71	206	403	7	0	0	0	114	**815**
Planted Mixed Pines	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**7**
Red Pine	0	43	8	0	58	0	0	0	55	0	0	0	0	0	0	0	0	0	**164**
Upland Mixed Forest	0	0	0	0	0	0	0	0	4	0	1	3	0	0	0	0	0	17	**25**
Urban	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**2**
Water	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**27**
White Pine	0	0	0	0	0	0	2	80	0	3	0	0	0	0	0	0	0	12	**97**
Total	**167**	**249**	**105**	**47**	**135**	**6**	**193**	**105**	**59**	**5**	**76**	**209**	**422**	**7**	**0**	**0**	**7**	**174**	**1965**

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Report 2 – Treatment Summary

Traverse City Mgt. Unit
Year of Entry: 2028

Compartment 10
Total Compartment Acres: 1,965

Acres of Harvest

Commercial Harvest - 649
Harvests with Site Condition - 0
Next Step Harvest - 0
Habitat Cut - 0

Cover Type by Harvest Method

	Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Overstory Removal	Salvage	Other	Total Acres
Aspen	159	0	0	0	0	0	0	0	0	**159**
Northern Hardwood	0	90	0	0	0	0	0	0	0	**90**
Red Pine	0	0	0	0	0	58	0	0	0	**58**
Upland Mixed Forest	0	0	0	1	0	0	0	0	0	**1**
White Pine	0	0	0	10	0	69	0	0	0	**79**
Total	**159**	**90**	**0**	**12**	**0**	**127**	**0**	**0**	**0**	**388**

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	388	0	0	0	0	0	0	0	0	**498**
Next Step	0	0	0	0	0	0	260	0	2	**263**
Total	**388**	**0**	**0**	**0**	**0**	**0**	**260**	**0**	**2**	**761**

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Proposed Treatments:

Stand	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
10	61010010-Opening	1.8	3301 - Low Density Deciduous Trees	99			Openings Mgmt.	Openings Mgmt.	3301 - Low Density Deciduous Trees	Previous Inventory	No

Prescription Specs: -BD 2026: Maintain woody encroachment. Leave some mast producing species uncut.

Next Step Treatments:

Acceptable Regen:

Other Comment: If there is a nearby timber harvest, include edge timber to cut.

Site Condition:

Proposed Start Date: 10/01/2027

11	61010011-Cut	24.8	4110 - Sugar Maple Association	6	94	111-140	Harvest	Selection	411 - Northern Hardwood	Current	No

Prescription Specs: Thin to 70-80 BA. Remove suppressed and poor quality trees to improve spacing for crop trees. Mark to removing some of the poor quality cherry and multi-stemmed red maple.

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

Acceptable Regen: sugar maple, with some black cherry and red maple.

Other Comment:

Site Condition:

Proposed Start Date: 10/01/2027

12	61010012-Cut	5.8	4130 - Aspen	6	48	Unspecified	Harvest	Clearcut	413 - Aspen	Planting Record	No

Prescription Specs: Cut all trees 2 in DBH or greater. Mark to leave about 1 log sized sugar maple per acre, and added damage timber spec to protect sugar maple sapling patches as best as possible.

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

Acceptable Regen: Aspen with some sugar maple, red maple, cherry

Other Comment: Add drumming log spec.

Site Condition:

Proposed Start Date: 10/01/2027

If you need assistance with this report, please email DNR-Forestry@michigan.gov or call 517-284-5900

Stand	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
18	61010018-Cut	28.9	4130 - Aspen	6	52	141-170	Harvest	Clearcut	413 - Aspen	Planting Record	No

Prescription Specs: Cut all trees 2 in DBH and greater, but mark a couple retention islands to leave, focusing them around patches of good seed producing sugar maple. Mark to leave 10 BA of white pine scattered throughout the stand.

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

Acceptable Regen: aspen with some mixed hardwoods

Other Comment: Add drumming log spec.

Site Condition:

Proposed Start Date: 10/01/2027

Stand	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
24	61010024-Cut	69.0	42101 - Planted White Pine, Mixed Deciduous	8	62	141-170	Harvest	Thinning	4210 - Planted White Pine	Planting Record	No

Prescription Specs: Thin to 120 BA. Focus on cutting suppressed and deformed trees first, thinning from below, then mark to improve spacing.

Next Step Treatments:

Acceptable Regen:

Other Comment:

Site Condition:

Proposed Start Date: 10/01/2027

Stand	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
24	61010024-Cutx	10.4	42101 - Planted White Pine, Mixed Deciduous	8	62	141-170	Harvest	Seed Tree	413 - Aspen	Planting Record	No

Prescription Specs: Mark to leave 10-20 BA of white pine (preferably without weevil damage), and cut all other trees 1 inch DBH and greater.

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

Acceptable Regen: aspen with some white pine

Other Comment: The goal is to regenerate as aspen while the other 2 neighboring aspen stands are being cut, but to still keep a component of the original stand in it.

Site Condition:

Proposed Start Date: 10/01/2027

If you need assistance with this report, please email DNR-Forestry@michigan.gov or call 517-284-5900

Stand	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
26	61010026-Opening	1.0	3103 - Rubus-Fern	99			Openings Mgmt.	Openings Mgmt.	31021 - Cool Season Grass	Previous Inventory	No

Prescription Specs: Plant cool season grasses/shrubs.

Next Step Treatments:

Acceptable Regen:

Other Comment:

Site Condition:

Proposed Start Date: 10/01/2027

34	61010034-Opening	4.6	3103 - Rubus-Fern	99			Openings Mgmt.	Openings Mgmt.	310 - Herbaceous Openland	Previous Inventory	No

Prescription Specs: Brush treatment/ hand fell to maintain woody encroachment. Plant fruiting trees and shrubs. (BD)

Next Step Treatments:

Acceptable Regen:

Other Comment:

Site Condition:

Proposed Start Date: 10/01/2027

38	61010038-Opening	1.1	3301 - Low Density Deciduous Trees	99			Openings Mgmt.	Openings Mgmt.	31021 - Cool Season Grass	Previous Inventory	No

Prescription Specs: This opening is dominated by bracken. Mechanically treat bracken, plant to annual rye for several years and then convert to an appropriate perennial pasture mix (i.e. clover/alfalfa) or native mix if soils will allow. Consider planting to RGS clover mix.

Next Step Treatments:

Acceptable Regen:

Other Comment: Periodic maintenance such as mowing, fertilization, reseeding, burning, and/or removal of woody encroachment.

Site Condition:

Proposed Start Date: 10/01/2027

40	61010040-Cut	16.3	42110 - Planted Red Pine	6	39	201+	Harvest	Thinning	4211 - Planted Red Pine	Planting Record	No

Prescription Specs: Cut every 3rd row of plantation.

Next Step Treatments:

Acceptable Regen:

Other Comment:

Site Condition:

Proposed Start Date: 10/01/2027

If you need assistance with this report, please email DNR-Forestry@michigan.gov or call 517-284-5900

Stand	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
42	61010042-Opening	33.2	3301 - Low Density Deciduous Trees	99			Openings Mgmt.	Openings Mgmt.	3105 - Mixed Upland Herbaceous	Previous Inventory	No

Prescription Specs: Possible site to put gate at main entrance road.Maintain hardwood islands for wildlife cover. Chainsaw work and brush cutting to maintain woody encroachment. Plant rye plot first, then advance to turkey mix. Fecon/ mulching maintenance southern strip of

Next Step Treatments:

Acceptable Regen:

Other Comment: Avoid logging equipment crossing through the stand. Use stand line between 42 and 48. This is to limit to spread of invasives such as knapweed, leafy spurge or autumn olive nearby this site, along with other invasives.

Site Condition:

Proposed Start Date: 10/01/2027

43	61010043-Opening	2.0	3103 - Rubus-Fern	99			Openings Mgmt.	Openings Mgmt.	31021 - Cool Season Grass	Previous Inventory	No

Prescription Specs: This opening is dominated by bracken. Mechanically treat bracken, plant to annual rye for several years and then convert to an appropriate perennial pasture mix (i.e. clover/alfalfa) or native mix if soils will allow. Consider planting to RGS clover mix.

Next Step Treatments:

Acceptable Regen:

Other Comment: Periodic maintenance such as mowing, fertilization, reseeding, burning, and/or removal of woody encroachment.Leave southern edge of aspen as is encroachment to mitigate ORV disturbance in opening.

Site Condition:

Proposed Start Date: 10/01/2027

45	61010045-Cut	27.1	4139 - Aspen, Mixed Deciduous	9	52	81-110	Harvest	Clearcut	413 - Aspen	Planting Record	No

Prescription Specs: Cut all trees 2 inch DBH and greater. Leave 1-3 retention islands. Green mark about 7-14 good sugar maple crop trees. Add in damage timber spec to protect sugar maple sapling patches as best as possible, and/or try to include patches within retention isla

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

Acceptable Regen: aspen with some sugar maple and red maple

Other Comment: Add in drumming log spec.

Site Condition:

Proposed Start Date: 10/01/2027

46	61010046-Cut	17.1	4130 - Aspen	6	52	111-140	Harvest	Clearcut	413 - Aspen	Planting Record	No

Prescription Specs: Cut all trees 2 inch DBH and larger, leaving a couple retention pockets.

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

Acceptable Regen: aspen, with some red maple and cherry

Other Comment: Include drumming log spec.

Site Condition:

Proposed Start Date: 10/01/2027

If you need assistance with this report, please email DNR-Forestry@michigan.gov or call 517-284-5900

Stand	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
47	61010047-Opening	1.2	3103 - Rubus-Fern	99			Openings Mgmt.	Openings Mgmt.	3102 - Grass	Previous Inventory	No

Prescription Specs: mechanically treat bracken fern and encroaching aspen saplings

Next Step Treatments: NonForestMgt, Herbaceous/Crop/Grass Planting (inactive); NonForestMgt, Mowing

Acceptable Regen: Manage for grassy opening, with a few scattered trees/shrubs.

Other Comment: Percent to Treat = 100%

Site Condition:

Proposed Start Date: 10/01/2027

Stand	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
49	61010049-Cut	20.2	42110 - Planted Red Pine	6	39	201+	Harvest	Thinning	4211 - Planted Red Pine	Planting Record	No

Prescription Specs: Cut every 3rd row of plantation.

Next Step Treatments:

Acceptable Regen:

Other Comment:

Site Condition:

Proposed Start Date: 10/01/2027

Stand	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
51	61010051-Opening	29.1	310 - Herbaceous Openland	99			Openings Mgmt.	Openings Mgmt.	330 - Low-Density Trees	Previous Inventory	No

Prescription Specs: Plant fruiting shrubs/trees. Remove woody encroachment with hand cutting methods. Keep scattered tree islands for wildlife cover. If able, plant native herbaceous cover.

Next Step Treatments:

Acceptable Regen:

Other Comment: Trespass along east private line. ORV trails

Site Condition:

Proposed Start Date: 10/01/2027

Stand	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
55	61010055-Opening	2.3	3103 - Rubus-Fern	99			Openings Mgmt.	Openings Mgmt.	31021 - Cool Season Grass	Previous Inventory	No

Prescription Specs: This opening is dominated by bracken. Mechanically treat bracken, selectively remove woody encroachment to facilitate planting to annual rye for several years and then convert to an appropriate perennial pasture mix (i.e. clover/alfalfa) or native mix if

Next Step Treatments:

Acceptable Regen:

Other Comment: Periodic maintenance such as mowing, fertilization, reseeding, and/or removal of woody encroachment.

Site Condition:

Proposed Start Date: 10/01/2027

If you need assistance with this report, please email DNR-Forestry@michigan.gov or call 517-284-5900

Stand	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
58	61010058-Opening	2.8	3301 - Low Density Deciduous Trees	99			Openings Mgmt.	Openings Mgmt.	31021 - Cool Season Grass	Previous Inventory	No

Prescription Specs: This opening is dominated by bracken. Mechanically treat bracken, selectively remove woody encroachment to facilitate planting to annual rye for several years and then convert to an appropriate perennial pasture mix (i.e. clover/alfalfa) or native mix if

Next Step Treatments:

Acceptable Regen:

Other Comment: Periodic maintenance such as mowing, fertilization, reseeding, and/or removal of woody encroachment.

Site Condition:

Proposed Start Date: 10/01/2027

60	61010060-Cut	1.2	4319 - Mixed Upland Forest	7	91	51-80	Harvest	Seed Tree	330 - Low-Density Trees	Previous Inventory	No

Prescription Specs: Cut all trees 1 inch DBH and larger. Mark to leave 5-8 log sized DBH white pine. Cutting to return back to small wildlife opening and potential timber sale landing area. Focused marked white pine along north boundary to limit aspen encroachment.

Next Step Treatments: Openings Mgmt., Brush Mgmt.

Acceptable Regen: No regeneration. Cutting to maintain small wildlife opening.

Other Comment:

Site Condition:

Proposed Start Date: 10/01/2027

61	61010061-Cut	7.7	4112 - Maple, Beech, Cherry Association	9	106	111-140	Harvest	Selection	411 - Northern Hardwood	Current	No

Prescription Specs: Mark to cut with a residual of 70-80 BA. Focus on marking suppressed and poor quality trees, to create spacing for good sugar maple seed trees and good quality sugar maple poles. Cut all aspen.

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

Acceptable Regen: sugar maple, red maple, basswood

Other Comment:

Site Condition:

Proposed Start Date: 10/01/2027

62	61010062-Cut	21.7	42110 - Planted Red Pine	6	39	171-200	Harvest	Thinning	4211 - Planted Red Pine	Planting Record	No

Prescription Specs: Cut every 3rd row of plantation.

Next Step Treatments:

Acceptable Regen:

Other Comment:

Site Condition:

Proposed Start Date: 10/01/2027

If you need assistance with this report, please email DNR-Forestry@michigan.gov or call 517-284-5900

Stand	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
63	61010063-Cut	24.8	4131 - Aspen, Oak	6	60	81-110	Harvest	Clearcut	413 - Aspen	Planting Record	No

Prescription Specs: Cut all trees 2 inch DBH or greater. Leave a retention pocket or 2, being sure to retain some of the red oak component within the retention pockets. Mark to leave 5 -10 XLog white pine.

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

Acceptable Regen: aspen, oak, with some hardwoods

Other Comment: Include drumming log spec.

Site Condition:

Proposed Start Date: 10/01/2027

65	61010065-Opening	12.4	3301 - Low Density Deciduous Trees	99			Openings Mgmt.	Openings Mgmt.	320 - Upland Shrub	Previous Inventory	No

Prescription Specs: Plant site appropriate native shrubs and/or mast producing trees for wildlife food and cover (outside edge most preferred due to ORV destruction). Fertilize plantings and protect with wire cages or tubex. Lots of ORV traffic/parking, try to minimize inva

Next Step Treatments:

Acceptable Regen:

Other Comment: Maintain as needed with mowing, seeding of native grasses and forbs, fertilizing, or removal of woody encroachment. Good opening, but with ORV traffic, be aware of damage that could occur. Open ground due to ORV damage may be a good bare dirt contact spot

Site Condition:

Proposed Start Date: 10/01/2027

61	61010066-Cut	35.1	4112 - Maple, Beech, Cherry Association	9	106	111-140	Harvest	Selection	411 - Northern Hardwood	Current	No

Prescription Specs: Mark to cut with a residual of 70-80 BA. Focus on marking suppressed and poor quality trees, to create spacing for good sugar maple seed trees and good quality sugar maple poles. Cut all aspen.

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

Acceptable Regen: sugar maple, red maple, basswood

Other Comment:

Site Condition:

Proposed Start Date: 10/01/2027

69	61010069-Opening	5.8	3303 - Mixed Low Density Trees	99			Openings Mgmt.	Openings Mgmt.	320 - Upland Shrub	Previous Inventory	No

Prescription Specs: Plant site appropriate native shrubs and/or mast producing trees for wildlife food and cover. Protect shrubs due to high deer use and easy ORV access. Good site for small herbaceous planting/native forbes.

Next Step Treatments:

Acceptable Regen:

Other Comment: Maintain as needed with mowing, seeding of native grasses and forbs, fertilizing, burning, or removal of woody encroachment.Plant site appropriate native shrubs and/or mast producing trees for wildlife food and cover. Fertilize plantings and protect wit

Site Condition:

Proposed Start Date: 10/01/2027

If you need assistance with this report, please email DNR-Forestry@michigan.gov or call 517-284-5900

Stand	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
76	61010076-Cut	14.2	4119 - Mixed Northern Hardwoods	9	117	111-140	Harvest	Selection	411 - Northern Hardwood	Current	No

Prescription Specs: Thin to 70-80 BA. Mark to remove poor formed and suppressed trees and to create spacing for good seed producing trees. Cut all aspen.

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

Acceptable Regen: mixed hardwoods: sugar maple, basswood, white pine

Other Comment: Include rec trail spec.

Site Condition:

Proposed Start Date: 10/01/2027

85	61010085-Opening	1.8	3103 - Rubus-Fern	99			Openings Mgmt.	Openings Mgmt.	31021 - Cool Season Grass	Previous Inventory	No

Prescription Specs: Treat woody encroachment mechanically/ hand felling. Plant masting shrubs (ORVs cannot access to damage as easily).

Next Step Treatments:

Acceptable Regen:

Other Comment: Maintain as needed with mowing, seeding of native grasses and forbs, fertilizing, burning, or removal of woody encroachment.This opening is dominated by bracken. Mechanically treat bracken, could selectively remove woody encroachment to facilitate plan

Site Condition:

Proposed Start Date: 10/01/2027

99	61010099-Opening	3.9	3303 - Mixed Low Density Trees	99			Openings Mgmt.	Openings Mgmt.	320 - Upland Shrub	Previous Inventory	No

Prescription Specs: Plant site appropriate native shrubs and/or mast producing trees for wildlife food and cover. Fertilize plantings and protect with wire cages or tubex.

Next Step Treatments:

Acceptable Regen:

Other Comment: Maintain as needed with mowing, seeding of native grasses and forbs, fertilizing, or removal of woody encroachment.

Site Condition:

Proposed Start Date: 10/01/2027

103	61010103-Opening	5.2	3303 - Mixed Low Density Trees	99			Openings Mgmt.	Openings Mgmt.	320 - Upland Shrub	Previous Inventory	No

Prescription Specs: Plant site appropriate native shrubs and/or mast producing trees for wildlife food and cover. Fertilize plantings and protect with wire cages or tubex.

Next Step Treatments:

Acceptable Regen:

Other Comment: Maintain as needed with mowing, seeding of native grasses and forbs, fertilizing, or removal of woody encroachment.

Site Condition:

Proposed Start Date: 10/01/2027

If you need assistance with this report, please email DNR-Forestry@michigan.gov or call 517-284-5900

Stand	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
108	61010108-Cut	8.2	4139 - Aspen, Mixed Deciduous	9	52	81-110	Harvest	Clearcut	413 - Aspen	Planting Record	No

Prescription Specs: Clearcut all trees 2 in DBH and greater.

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

Acceptable Regen: primarily aspen, with some mixed hardwoods

Other Comment: Add drumming log spec.

Site Condition:

Proposed Start Date: 10/01/2027

109	61010109-Cut	32.6	4130 - Aspen	6	58	111-140	Harvest	Clearcut	413 - Aspen	Planting Record	No

Prescription Specs: Clearcut all trees 2 inch DBH and greater, except for red oak. Leave a couple of retention pockets. Mark to leave scattered XLog white pine.

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

Acceptable Regen: aspen with some hardwoods and white pine

Other Comment: Include drumming log spec and rec trail spec.

Site Condition:

Proposed Start Date: 10/01/2027

110	61010110-Opening	1.2	3303 - Mixed Low Density Trees	99			Openings Mgmt.	Openings Mgmt.	3105 - Mixed Upland Herbaceous	Previous Inventory	No

Prescription Specs: MOW AND FERTILIZE EXISTING COOL SEASON GRASSES. HAND FELL SOME WOODY ENCROACHMENT. Leave some mast producing species uncut.

Next Step Treatments:

Acceptable Regen:

Other Comment:

Site Condition:

Proposed Start Date: 10/01/2027

121	61010121-Cut	14.5	4130 - Aspen	6	57	111-140	Harvest	Clearcut	413 - Aspen	Planting Record	No

Prescription Specs: Cut all tree 2 inch DBH and greater with a couple retention pockets. Focus retention pockets along the road intersection for aesthetics and/or pockets of sugar maple regeneration.

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

Acceptable Regen: aspen with some sugar maple and red oak.

Other Comment: Add drumming log spec and rec trail spec.

Site Condition:

Proposed Start Date: 10/01/2027

If you need assistance with this report, please email DNR-Forestry@michigan.gov or call 517-284-5900

Stand	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
122	61010122-Cut	8.6	4119 - Mixed Northern Hardwoods	6	95	111-140	Harvest	Selection	411 - Northern Hardwood	Current	No

Prescription Specs: Thin to 70-80 BA to improve spacing on large oaks and release maple poles. Focus on removing suppressed and poor formed trees.

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

Acceptable Regen: Primarily hardwoods (maple and oak) with some white pine and aspen.

Other Comment:

Site Condition:

Proposed Start Date: 10/01/2027

Total Treatment Acreage Proposed: 497.6

If you need assistance with this report, please email DNR-Forestry@michigan.gov or call 517-284-5900

Report 4 – Site Conditions

Traverse City Mgt. Unit

Melina Hurin: Examiner

Compartment: 10

Year of Entry: 2028

Availability for Management

Total Acres	Acres Available	*Acres Avail With Condition*	Acres Not Available		Dominant Site Conditions *2B*	2F	2G	3A	3B	3J	5E
524	500	*0*	24	**Aspen**		2		8		4	10
4	5	*0*	0	**Bog**							
44	44	*0*	0	**Herbaceous Openland**							
73	73	*0*	0	**Low-Density Trees**							
13	0	*0*	13	**Lowland Deciduous**			10			3	
13	0	*0*	13	**Lowland Mixed Forest**			13				
16	16	*0*	0	**Marsh**							
7	7	*0*	0	**Mixed Upland Deciduous**							
805	748	*22*	35	**Northern Hardwood**	*22*	20		8	6		
7	7	*0*	0	**Planted Mixed Pines**							
164	164	*0*	0	**Red Pine**							
26	26	*0*	0	**Upland Mixed Forest**							
2	2	*0*	0	**Urban**							
27	27	*0*	0	**Water**							
96	94	*2*	0	**White Pine**	*2*						
1,821	1,713	*24*	84	Total Forested Acres	*24*	23	22	16	6	7	10
	94%	*1%*	5%	Relative Percent							

**Due to limitations in the current Site Conditions Analysis tool, all nonforested acres are considered available. Future development will enable analysis of nonforested types.*

Site No.	Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	**Unavailable**	**5E: Long-Term Retention**	1	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
2	**Unavailable**	**3B: Threatened, endangered, and special concern species**	8	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						

If you need assistance with this report, please email DNR-Forestry@michigan.gov or call 517-284-5900

3	**Available**	**2B: Unknown if access through adjacent landowner(s) is possible**	23	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
4	**Unavailable**	**3J: Water quality/BMPs (stream, river, or lake)**	4	5E: Long-Term Retention	Unspecified	Unspecified	Unspecified
Comments: Steep bank immediately adjacent to Eliza Lake. Retain; allow to succeed naturally from aspen to red maple.							
5	**Unavailable**	**5E: Long-Term Retention**	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
6	**Unavailable**	**2F: Too steep**	2	5E: Long-Term Retention	Unspecified	Unspecified	Unspecified
Comments:							
7	**Unavailable**	**2F: Too steep**	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
9	**Unavailable**	**2G: Too wet (sensitive soils, does not include access issues)**	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

10	**Unavailable**	**2G: Too wet (sensitive soils, does not include access issues)**	13	3J: Water quality/BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified

Comments:

11	**Unavailable**	**2G: Too wet (sensitive soils, does not include access issues)**	3	Unspecified	Unspecified	Unspecified	Unspecified

Comments:

If the soil dries adequately to harvest this stand without significant rutting, and if this occurs simultaneously with entry into prescribed stands in the adjacent compartment, this site condition can be lifted and harvest completed here, likely as a supplement to the contract for the compartment 11 sale.

13	**Unavailable**	**2F: Too steep**	7	3J: Water quality/BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified

Comments:

Slopes surrounding Eliza Lake.

14	**Unavailable**	**3J: Water quality/BMPs (stream, river, or lake)**	3	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified

Comments:

15	**Unavailable**	**5E: Long-Term Retention**	2	Unspecified	Unspecified	Unspecified	Unspecified

Comments:

17	**Unavailable**	**5E: Long-Term Retention**	0	Unspecified	Unspecified	Unspecified	Unspecified

Comments:

18	**Unavailable**	**5E: Long-Term Retention**	1	Unspecified	Unspecified	Unspecified	Unspecified

Comments:

19	**Unavailable**	**5E: Long-Term Retention**	1	Unspecified	Unspecified	Unspecified	Unspecified

Comments:

20	**Unavailable**	**5E: Long-Term Retention**	1	Unspecified	Unspecified	Unspecified	Unspecified

Comments:

22	**Unavailable**	**5E: Long-Term Retention**	1	Unspecified	Unspecified	Unspecified	Unspecified

Comments:

23	**Unavailable**	**5E: Long-Term Retention**	5	Unspecified	Unspecified	Unspecified	Unspecified

Comments:

24	**Unavailable**	**5E: Long-Term Retention**	1	Unspecified	Unspecified	Unspecified	Unspecified

Comments:

25	**Unavailable**	**5E: Long-Term Retention**	1	Unspecified	Unspecified	Unspecified	Unspecified

Comments:

If you need assistance with this report, please email
DNR-Forestry@michigan.gov or call 517-284-5900

26	**Unavailable**	**3A: Conservation values incompatible with harvest at this time**	16	Unspecified	Unspecified	Unspecified	Unspecified

Comments:

This is part of a multi-compartment SCA, to be managed as core habitat for species requiring mature, interior hardwood forest. Stands will continue to be managed using timber harvest, but with emphasis on habitat rather than timber production.

27	**Unavailable**	**2F: Too steep**	7	5E: Long-Term Retention	Unspecified	Unspecified	Unspecified

Comments:

North half of site condition was originally part of Timber Sale 61-060-18 (Eliza Lake Hardwood), but was too steep for loggers to cut. There are still remnants of orange marked trees that were never cut from sale.

30	**Unavailable**	**5E: Long-Term Retention**	2	Unspecified	Unspecified	Unspecified	Unspecified

Comments:

32	**Unavailable**	**5E: Long-Term Retention**	1	Unspecified	Unspecified	Unspecified	Unspecified

Comments:

33	**Unavailable**	**5E: Long-Term Retention**	1	Unspecified	Unspecified	Unspecified	Unspecified

Comments:

34	**Unavailable**	**5E: Long-Term Retention**	1	Unspecified	Unspecified	Unspecified	Unspecified

Comments:

36	**Unavailable**	**5E: Long-Term Retention**	1	3G: Other influence zones - See comments	Unspecified	Unspecified	Unspecified

Comments:

wetland buffer

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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Report 7 – Stands

Compartment: 10
Year of Entry: 2028

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
1	6239 - Mixed Emergent Wetland	None	5.5			No	Partly open water, emergent wetland, leatherleaf bog, plus open fringe of grass/fern on upland transition zone, depending on fluctuating water level from year to year. Stand includes a narrow upland opening connecting two basins. Water levels lower than normal so there is exposed mud showing lots of deer signs.
2	4130 - Aspen	Poletimber Well	32.6	25	51-80	N/A	Clearcut by previous owner. Bracken fern, wintergreen. Scattered cherry and red maple. saplings. Scattered residual mature white pine, plus some mixed deciduous.
3	4139 - Aspen, Mixed Deciduous	Sawtimber Well	5.0	59	81-110	N/A	Stand is mostly on side slopes. Some juneberry, hawthorn in understory. Patches of sugar maple in the south 1/2 of stand.
4	4112 - Maple, Beech, Cherry Association	Sawtimber Medium	6.6	110	111-140	N/A	2026 BA: 140, 110, 80, 140, 200. Orange marked for 2018 timber sale, but not cut due to inoperable slope. Fair amount of maple in multi-stemmed. Wp generally in patches. Thinned by previous owner. Wind exposure from across the adjacent clearcut and over the ridge has resulted in some blowdown patches. Trace amounts of elm, ironwood, yellow birch, beech, and overmature bigtooth aspen in the stand.
5	42141 - Planted Mixed Pine, Mixed Deciduous	Sapling Poor	7.4	15	1-50	N/A	Clearcut Jan. 2010, replanted 2011. So-so survival of planted red pine: some spots fully stocked, others failed. Stand has 2 inclusions: a hardwood retention island toward the south end, and a small pond in the middle.

Stand 1 – Sub-Canopy Species

Sub-Canopy Species	Density	Avg. Height	Size
Leatherleaf	Medium	< 5 feet	< 5 feet
Mixed Sedges/Grasses	High	Not Applicable	Not Applicable
Waterlillies	Low	Not Applicable	Not Applicable

Stand 2 – Canopy Species

Canopy Species	% Cover	Size Class	DBH	Age
Bigtooth Aspen	85	Pole/Sapling	5	25
Quaking Aspen	12	Pole/Sapling	5	25
Red Maple	2	Sapling/Pole	4	25
White Pine	1	XLog	23	

Stand 2 – Sub-Canopy Species

Sub-Canopy Species	Density	Avg. Height	Size
Black Cherry	Low	Variable	Variable
White Pine	Trace	5 - 10 feet	5 - 10 feet
Ironwood	Low	5 - 10 feet	5 - 10 feet
Beech	Trace	5 - 10 feet	5 - 10 feet

Stand 3 – Canopy Species

Canopy Species	% Cover	Size Class	DBH	Age
Bigtooth Aspen	45	Log/Pole	11	59
Black Cherry	15	Log	14	
Sugar Maple	5	Log	12	
Red Maple	35	Log/Pole	13	

Stand 3 – Sub-Canopy Species

Sub-Canopy Species	Density	Avg. Height	Size
Ironwood	Low	Variable	Variable
Sugar Maple	Medium	Variable	Variable
Beech	Low	Variable	Variable

Stand 4 – Canopy Species

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	40	Log/Pole/XLog	14	110
Red Maple	30	Log	16	110
White Pine	20	XLog/Log	20	
Black Cherry	10	Log/Pole	15	

Stand 4 – Sub-Canopy Species

Sub-Canopy Species	Density	Avg. Height	Size
Beech	Medium	Variable	Variable
Sugar Maple	Low	Variable	Variable
White Pine	Low	Variable	Variable
Ironwood	Trace	>20 feet	>20 feet
Ironwood	Medium	>20 feet	>20 feet
Black Cherry	Trace	10 - 20 feet	10 - 20 feet

Stand 5 – Canopy Species

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	10	Log	10	
Beech	5	Sapling	2	
White Pine	25	Sapling	2	
Red Pine	50	Sapling/Pole	3	15

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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
6	4130 - Aspen	Sapling Well	11.9	16	1-50	N/A	Aspen generally 2-4" DBH. Stand was clearcut in Feb. 2010 (61-006-08) with scattered mature red maple and white pine retained

Canopy Species	% Cover	Size Class	DBH	Age
Bigtooth Aspen	90	Sapling	3	16
Red Maple	6	Sapling	2	16
Red Maple	2	Log	11	
White Pine	2	Log/Pole/XLog	15	

Sub-Canopy Species	Density	Avg. Height	Size
Cherry (spp.)	Medium	5 - 10 feet	5 - 10 feet
Ironwood	Medium	Variable	Variable
Beech	Medium	Variable	Variable

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
7	4110 - Sugar Maple Association	Sawtimber Medium	8.2	116	81-110	N/A	2026 BA: 40, 140, 130, 120, 50. Most saplings moved into pole size. Cherry more concentrated in N 1/2. Good quality cherry; medium to good quality sugar maple (though some is multi-stemmed). Stand is on a hillside. Thinned by previous owner.

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	85	Log/Pole	12	116
Black Cherry	14	Log	15	
Beech	1	Log	13	

Sub-Canopy Species	Density	Avg. Height	Size
Hemlock	Trace	>20 feet	>20 feet
Ironwood	Medium	Variable	Variable
Beech	Medium	Variable	Variable
Sugar Maple	Trace	>20 feet	>20 feet

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
8	4112 - Maple, Beech, Cherry Association	Sawtimber Medium	20.8	115	81-110	N/A	Mostly on side slopes. Fair amount of skidder damage from a previous timber harvest. 2026 BA: 110, 120, 70, 80, 40, 90. More concentrated sugar maple in the middle of the stand and red maple to north and south. Thinned heavily by previous owner. opening/landing at south end.

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	12	Log/Pole	12	
Red Maple	70	Log	14	115
Beech	1	Log/Pole	13	
Bigtooth Aspen	4	Log	12	
White Pine	3	XLog	22	
Black Cherry	10	Log/Pole	13	

Sub-Canopy Species	Density	Avg. Height	Size
Beech	Medium	Variable	Variable
Sugar Maple	Trace	>20 feet	>20 feet
Ironwood	Medium	Variable	Variable
Sugar Maple	Trace	>20 feet	>20 feet

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
9	42210 - Natural Red Pine	Sapling Poor	8.0	15	1-50	N/A	Clearcut Jan. 2010, replanted 2011. Some failed patches of red pine seedlings, but mostly decent stocking.

Canopy Species	% Cover	Size Class	DBH	Age
Beech	20	Log	10	
Red Pine	75	Sapling/Pole	3	15
Black Cherry	5	Log/Pole	11	

Sub-Canopy Species	Density	Avg. Height	Size
Blackberry/Raspberry	Low	< 5 feet	< 5 feet
Bracken Fern	Full	Not Applicable	Not Applicable

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
10	3301 - Low Density Deciduous Trees	None	1.8			No	2026 comments: Ground cover remains same. White pine saplings are beginning to fill in but offer good cover. No aspen encroachment, but if adjacent aspen is harvested, buffer will be useful. (Baylee).Ground cover info is from 2006 inventory. [2006 comments: Milkweed, lycopodium, strawberry, grass spp. Nice remote forest opening. Frost pocket.]

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Low	>20 feet	>20 feet
Cladonia (Reindeer moss)	Trace	Not Applicable	Not Applicable
Blackberry/Raspberry	Medium	5 - 10 feet	5 - 10 feet
Bracken Fern	High	Not Applicable	Not Applicable
Poverty Grass	Medium	Not Applicable	Not Applicable
Beech	Trace	Variable	Variable
Black Cherry	Low	>20 feet	>20 feet
St. Johns Wort	Trace	Not Applicable	Not Applicable
Sugar Maple	Trace	Variable	Variable
White Pine	Low	10 - 20 feet	10 - 20 feet

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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
11	4110 - Sugar Maple Association	Poletimber Well	24.8	94	111-140	N/A	2026 BAs: 120, 80, 100, 140, 130, 90, 180 (variable BA). 2 age classes of SM (pole and large log). Numerous multi-stemmed sugar maple. Blue paint in the like pvt line but no indication of what is was from.

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	67	Pole/Log	9	94
Red Maple	15	Log/Pole/XLog	15	
Beech	2	Log/XLog/Pole	15	
Black Cherry	15	Log/Pole	13	
White Pine	1	Log	15	

Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	Low	>20 feet	>20 feet
Beech	Low	10 - 20 feet	10 - 20 feet
Ironwood	Low	Variable	Variable

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
12	4130 - Aspen	Poletimber Well	5.8	48	Unspecified	N/A	Some dead ash. Some of stand on slight slope. Parts of sub-canopy SM >20ft & closer to pole sized, and some 10-15ft saplings.

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	10	Log/Pole	13	
Red Maple	4	Pole	8	
Beech	2	Log/Pole	10	
Bigtooth Aspen	82	Pole/Log	9	48
Black Cherry	2	Pole	8	

Sub-Canopy Species	Density	Avg. Height	Size
Ironwood	Trace	Variable	Variable
White Pine	Low	>20 feet	>20 feet
Sugar Maple	Medium	Variable	Variable
Beech	Low	Variable	Variable

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
13	42111 - Planted Red Pine, Mixed Deciduous	Sawtimber Medium	8.9	71	111-140	N/A	Planted: 19553rd row thin: 19982nd thin: August 2019. Wp more concentrated along perimeters. There were a few aspen pockets that may result in aspen regen pockets.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	10	Log/Pole	10	
Bigtooth Aspen	2	Log/Pole	11	62
White Pine	15	Log/Pole	10	
Red Pine	65	Log/Pole	11	71
Black Cherry	5	Log/Pole	11	
Sugar Maple	3	Log/Pole	10	

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

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
14	42110 - Planted Red Pine	Sawtimber Medium	5.6	71	111-140	N/A	Planted: 1955Thinned: August 2019: Aspen removed and post BA about 100Sporadic rows. Poor quality BC. Slightly higher BA for N black because there is more hardwoods and WP mixed in.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	5	Log/Pole	11	
White Pine	6	Log/Pole	15	
Red Pine	84	Log/Pole	11	71
Black Cherry	5	Log/Pole	10	

Sub-Canopy Species	Density	Avg. Height	Size
Beech	High	Variable	Variable

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
15	3103 - Rubus-Fern	None	1.2			No	2026 comments: valley/ frost pocket, natural opening. Filling in, but valuable for travel and browsing. Strawberry, grass spp., lycopodium, milkweed, autumn olive, thistle spp., sweet everlasting present. (BD)[2006 comments: Rice cut grass, red maple seedlings, moss, lycopodium. Frost pocket/valley. Slash blocking old skidder trail.]

Sub-Canopy Species	Density	Avg. Height	Size
Black Cherry	Trace	Variable	Variable
Pines (spp.)	Trace	5 - 10 feet	5 - 10 feet
Sugar Maple	Trace	>20 feet	>20 feet
White Pine	Low	>20 feet	>20 feet
Bracken Fern	High	Not Applicable	Not Applicable
Blackberry/Raspberry	Medium	5 - 10 feet	5 - 10 feet

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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
16	4112 - Maple, Beech, Cherry Association	Poletimber Medium	15.3	107	51-80	N/A	Selection harvested in August 2019 (61-059-18); most of the beech and aspen were cut. Red pine pocket (part of stand 22) is in the middle of stand. Very nice black cherry. Some new SM poles that graduated from sapling size.

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	65	Pole/Log	8	107
Red Maple	20	Log/Pole	13	
Beech	1	Log/XLog/Pole	15	
Black Cherry	10	Log	12	
Red Pine	3	Log/Pole	10	71
White Pine	1	Log/Pole	10	

Sub-Canopy Species	Density	Avg. Height	Size
Beech	Medium	Variable	Variable
Ironwood	Low	Variable	Variable
Sugar Maple	Low	Variable	Variable
White Pine	Trace	Variable	Variable
Sugar Maple	Low	>20 feet	>20 feet

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
17	4112 - Maple, Beech, Cherry Association	Sawtimber Well	17.7	98	141-170	N/A	Numerous multi-stemmed trees. 2026 BA: 150, 100, 150, 120, 150, 180, 140. Some planted RP within hardwood stand, edges of adjacent plantations transitioning into hardwoods. Rolling terrain. Large tick nest, likely goshawk. Beech sap/pole are heavy with beech scale. Large wooden tree stand.

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	3	Pole/Log	8	
Red Maple	84	Log/Pole	10	98
Bigtooth Aspen	5	Log/Pole	10	
Red Pine	3	Log/Pole	10	71
Black Cherry	4	Log	10	
Beech	1	Pole/Log	8	

Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	Low	>20 feet	>20 feet
Beech	Medium	Variable	Variable

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
18	4130 - Aspen	Poletimber Well	28.9	52	141-170	N/A	Sugar maple regeneration is thick in places. Somewhat heterogenous in distribution/size of hardwoods, but overall a pole aspen stand. Some scattered larger hardwoods, plus along west edge. Mature WP patches from previous plantation.

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	10	Log/Pole	11	
Red Maple	6	Pole/Log	9	
Quaking Aspen	5	Pole	9	52
Bigtooth Aspen	70	Log/Pole	10	52
Black Cherry	3	Pole	8	
White Pine	6	Log/Pole	11	

Sub-Canopy Species	Density	Avg. Height	Size
Beech	Trace	< 5 feet	< 5 feet
Sugar Maple	Low	Variable	Variable
White Pine	Low	>20 feet	>20 feet
White Pine	Trace	< 5 feet	< 5 feet

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
19	4130 - Aspen	Sapling Well	7.6	17	Unspecified	N/A	Stand clearcut in summer 2009 (61-081-0801). Marked residual hardwood patches with some WP. Aspen on S 1/3 at 2" DBH slightly smaller than rest of stand.

Canopy Species	% Cover	Size Class	DBH	Age
Bigtooth Aspen	80	Sapling	4	17
White Pine	3	Pole/Log	8	62
Black Cherry	12	Sapling	3	17
Red Maple	2	Log/Pole	10	
Black Cherry	3	Log	10	

Sub-Canopy Species	Density	Avg. Height	Size
Black Cherry	Medium	5 - 10 feet	5 - 10 feet

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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
20	4130 - Aspen	Poletimber Well	44.6	36	51-80	N/A	Some open areas, especially in valley bottoms and around old landing. Scattered juneberry. Mostly black cherry, but some pin cherry in patches, with most being concentrated around small openings. BC has black tar on its branches. Nicer aspen concentrated in west part of stand.

Canopy Species	% Cover	Size Class	DBH	Age
Bigtooth Aspen	55	Pole	7	36
Quaking Aspen	24	Pole/Sapling	5	36
Black Cherry	16	Pole	7	36
Sugar Maple	2	Pole/Sapling	6	
Red Maple	1	Pole/Sapling	6	
Ironwood	1	Sapling	3	
Red Oak	1	Pole	5	

Sub-Canopy Species	Density	Avg. Height	Size
White Pine	Trace	Variable	Variable
Ironwood	High	Variable	Variable
Cherry (spp.)	Medium	Variable	Variable

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
21	4130 - Aspen	Sapling Well	16.8	6	1-50	N/A	The north portion was clearcut in summer 2019 (61-059-18) and the south portion cut in fall 2020 (61-060-18) with scattered residual red maple, red pine, sugar maple, white pine and cherry; residual BA about 20.

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	1	Pole	7	
Red Maple	3	Log	12	
Bigtooth Aspen	92	Sapling	1	6
White Pine	1	Pole	8	
Red Pine	2	Log	12	
Black Cherry	1	Log/Pole	10	

Sub-Canopy Species	Density	Avg. Height	Size
Beech	Low	5 - 10 feet	5 - 10 feet
Cherry (spp.)	Medium	Variable	Variable
Ironwood	Low	< 5 feet	< 5 feet

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
22	42110 - Planted Red Pine	Sawtimber Medium	25.3	71	111-140	N/A	2nd thinned in August 2019 (61-059-18), except a few acres in the south end reserved because of raptor nesting. Trace of elm. Hardwoods mostly in SW part of stand.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	2	Log/Pole	12	
Red Pine	90	Log/Pole	11	71
Black Cherry	5	Log/Pole	15	
Sugar Maple	2	Log/Pole	10	
White Pine	1	Log/Pole	10	

Sub-Canopy Species	Density	Avg. Height	Size
Beech	Medium	Variable	Variable
Ironwood	Low	< 5 feet	< 5 feet

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
23	42110 - Planted Red Pine	Sawtimber Well	15.2	71	111-140	N/A	Planted: 19553rd row thin: 1999 Thinned: 2009Small amount of mortality in RP: bark beetle, porcupine damage. Very trace of quaking aspen in canopy. Curvy rows.

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	6	Log/Pole	11	
Red Maple	2	Pole/Sap/Log	8	
Red Pine	90	Log/Pole	12	71
Black Cherry	2	Log/Pole	12	

Sub-Canopy Species	Density	Avg. Height	Size
Ironwood	Low	Variable	Variable
Sugar Maple	Low	Variable	Variable
Beech	High	Variable	Variable

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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
24	42101 - Planted White Pine, Mixed Deciduous	Sawtimber Medium	79.5	62	141-170	N/A	Planted: 19643rd row thinned: summer 2012 2026 mean BA: 140 hardwood inclusions and 170 in WP. Some curving rows, hillsides make thinning difficult in places. High percentage of weevil damaged trees. Few inclusions of hardwoods and aspen. Hardwood pockets have larger amounts of small pole sized RM. 27" DBH BTA.

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	2	Log	14	
Red Maple	12	Pole/Log	9	
Quaking Aspen	2	Pole	9	
Bigtooth Aspen	4	Pole	8	
White Pine	60	Log/Pole	11	62

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Low	Variable	Variable
Beech	Low	Variable	Variable

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
25	4110 - Sugar Maple Association	Sawtimber Well	7.3	128	81-110	N/A	Traces of ironwood, red pine poles in canopy. Thinned in 8/2010 (61-007-0801).

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	75	Log/Pole	11	128
Red Maple	10	Log	14	
Beech	10	Log/Pole	13	
Black Cherry	5	Log	14	133

Sub-Canopy Species	Density	Avg. Height	Size
Beech	Medium	Variable	Variable
Sugar Maple	Low	>20 feet	>20 feet
Ironwood	Low	Variable	Variable

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
26	3103 - Rubus-Fern	None	1.2			No	2026 comments: Frost pocket, road through, ORV activity. Lycopodium (BD)Ground cover info is from 2006 inventory. [2006 comments: Spotted knapweed, hawkweed, sheep sorrel, moss, juniper. Frost pocket. Road through stand.]

Sub-Canopy Species	Density	Avg. Height	Size
Common Or Ground Juniper	Trace	5 - 10 feet	5 - 10 feet
Poverty Grass	Low	Not Applicable	Not Applicable
Blackberry/Raspberry	Trace	5 - 10 feet	5 - 10 feet
St. Johns Wort	Trace	Not Applicable	Not Applicable
Mixed Grasses	Low	Not Applicable	Not Applicable
White Pine	Trace	Variable	Variable
Cladonia (Reindeer moss)	Trace	Not Applicable	Not Applicable
Bracken Fern	High	Not Applicable	Not Applicable
Red Maple	Trace	>20 feet	>20 feet
Quaking Aspen	Trace	>20 feet	>20 feet
Black Cherry	Low	>20 feet	>20 feet

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
27	4112 - Maple, Beech, Cherry Association	Sawtimber Medium	19.2	106	81-110	N/A	Select cut fall 2020 most of the beech and aspen were removed. Lots of cherry regen (unsure if black, choke, or pin) .2026 BA: 90, 150, 50, 70. Some blowdown at south end adjacent to young aspen stand. A few scattered hemlock. Beech has scale. Rolling terrain.

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	35	Pole/Log	9	
Red Maple	50	Log/Pole	15	106
Beech	1	XLog	26	
Black Cherry	14	Log/Pole	15	

Sub-Canopy Species	Density	Avg. Height	Size
Beech	Low	Variable	Variable
Blackberry/Raspberry	Medium	5 - 10 feet	5 - 10 feet
Sugar Maple	Low	>20 feet	>20 feet
Cherry (spp.)	High	< 5 feet	< 5 feet
Ironwood	Low	Variable	Variable
Ironwood	Trace	>20 feet	>20 feet

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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
28	4112 - Maple, Beech, Cherry Association	Sawtimber Medium	16.4	101	51-80	N/A	2026 BA: 90, 60, 100, 70, 40, 70. N/S ridge adjacent to Eliza Lake. Selection harvested in fall 2020; most of the aspen was removed. Large patch of cherry regen at north boundary of stand. Lots of multi-stemmed red maple. Pockets of aspen regenerating.
29	4110 - Sugar Maple Association	Sawtimber Well	6.4	106	81-110	N/A	2026 BA: 110,90, 110, 70. A few nice sugar maple and black cherry, but generally poor quality timber. Some mortality in aspen and black cherry. Numerous cavity trees.
30	4112 - Maple, Beech, Cherry Association	Sawtimber Medium	21.0	106	81-110	N/A	2026 BA: 140, 70, 90. Thinned in 2009 (61-081-08-01). Heavy to pole timber in places. Nice straight single stemmed trees. Most if not all aspen has died out. [2nd age is a planting record for the white pine component 2019: the south arm of the stand, along the west side of stand 40, was formerly a separate stand; it was thinned in spring, 2019 to a residual BA of about 70, and similar enough to merge with stand 30]
31	42110 - Planted Red Pine	Sapling Well	30.3	5	Immature	N/A	Heights about 2-3ft. 2024 - Stand has passed year 3 regeneration survey that was completed 9/18/2024. Stand has an estimated 833 TPA and is currently around 99% free to grow. 2022 Fall - - 10/25/2022 Stand's First Year Regen Survey was completed; Stand has an estimated 872 trees per acre and is 99% free to grow at this time. 2022 Spring - Stand Was Planted to Red Pine 5/7/2022 2021 - Stand was site prep sprayed.2020 Stand was Trenched to plant red pine.2019 - Clearcut in July 2019, chip-harvested. Three retention islands of mixed RP/JP/maple totaling 2.2 acres. Remnant sugar/red maple along east edge and a few scattered through the stand. East edge was excluded from sale, including a small opening already filling in with some pine volunteers.
32	500 - Water	None	5.2			No	Eliza Lake. Water level lower than normal. Mud lines the edge of the lake where water level used to be. Abundance of wildlife tracks in mud (mostly deer). 2006 comments: Wood ducks, mallards seen. Pair of sandhill cranes feeding, possibly nesting here.

28

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	30	Log/Pole	11	
Red Maple	60	Log/Pole	14	101
Black Cherry	10	Log/Pole	13	

Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	Low	>20 feet	>20 feet
Beech	Low	Variable	Variable

29

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	50	Log/Pole	13	106
Red Maple	4	Pole	9	
Beech	2	XLog	18	
Bigtooth Aspen	5	Log/Pole	10	
Black Cherry	35	Log/Pole	12	106
Ironwood	3	Pole	8	
White Pine	1	Log/Pole	12	

Sub-Canopy Species	Density	Avg. Height	Size
Ironwood	Medium	Variable	Variable
Sugar Maple	Low	>20 feet	>20 feet

30

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	42	Pole/Log	9	
Red Maple	52	Log/Pole	14	106
Black Cherry	5	Log/Pole	14	
White Pine	1	Log/Pole	10	68

Sub-Canopy Species	Density	Avg. Height	Size
Beech	Low	5 - 10 feet	5 - 10 feet
Ironwood	Low	Variable	Variable
Red Maple	Low	>20 feet	>20 feet
White Pine	Trace	5 - 10 feet	5 - 10 feet

31

Canopy Species	% Cover	Size Class	DBH	Age
Red Pine	99	Sapling	1	5
Jack Pine	1	Sapling	1	5

32

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

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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
33	4130 - Aspen	Sawtimber Well	4.2	91	81-110	N/A	Riparian area. Stand is on a steep bank going right down to Eliza Lake. Allow red maple to slowly take over.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	4	Log/Pole	10	
Bigtooth Aspen	95	Log/Pole	15	91
Beech	1	Pole/Sapling	5	

Sub-Canopy Species	Density	Avg. Height	Size
Beech	Low	Variable	Variable
Red Maple	Low	>20 feet	>20 feet
Ironwood	Low	Variable	Variable

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
34	3103 - Rubus-Fern	None	4.6			No	BD 2026- clubmoss, lycopodium, milkweed, horsemint, bedstraw. Nice natural opening, probably frost influenced. Leave alone. Adjacent to Eliza Lake. Lots of deer activity, mallards on lake, turkey activity.

Sub-Canopy Species	Density	Avg. Height	Size
Blackberry/Raspberry	Trace	5 - 10 feet	5 - 10 feet
Cladonia (Reindeer moss)	Low	Not Applicable	Not Applicable
White Pine	Trace	< 5 feet	< 5 feet
Mixed Grasses	Low	Not Applicable	Not Applicable
Blueberry/Bilberry/Cranberry	Low	< 5 feet	< 5 feet
Black Cherry	Low	>20 feet	>20 feet
Bigtooth Aspen	Trace	>20 feet	>20 feet
Bigtooth Aspen	Trace	< 5 feet	< 5 feet
Poverty Grass	Low	Not Applicable	Not Applicable
Bracken Fern	Full	Not Applicable	Not Applicable
Common Or Ground Juniper	Trace	5 - 10 feet	5 - 10 feet

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
35	4130 - Aspen	Sapling Well	10.5	17	1-50	N/A	DBH range between 2-5". Few WP, BC, AB, SM retained in addition to red maple. Note: some of the black cherry regen listed may actually be pin cherry. Steep slopes On both slides. Clearcut in summer 2009 (61-081-08-01).

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	9	Sapling/Pole/Log	4	
Bigtooth Aspen	45	Sapling	4	17
Black Cherry	30	Sapling	3	17
Pin Cherry	1	Sapling	3	17
Quaking Aspen	15	Sapling	1	17

Sub-Canopy Species	Density	Avg. Height	Size
Bracken Fern	Medium	Not Applicable	Not Applicable
Beech	Trace	< 5 feet	< 5 feet
Cherry (spp.)	Medium	Variable	Variable

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
36	4130 - Aspen	Sapling Well	18.7	7	Unspecified	N/A	Some aspen spots are patchy. Clearcut in spring 2019 (61-026-18), with 0.7 acres of retention islands in 3 patches and some scattered mature beech. Cherry (pin or black?) growing where aspen is not.

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	1	Log/Pole	11	
Red Maple	1	Log/Pole	12	
Beech	1	Log/Pole	12	
Bigtooth Aspen	2	Pole	9	
Bigtooth Aspen	94	Sapling	1	7
Sugar Maple	1	Sapling	2	

Sub-Canopy Species	Density	Avg. Height	Size
Beech	Low	< 5 feet	< 5 feet
Ironwood	Low	< 5 feet	< 5 feet
Cherry (spp.)	Medium	Variable	Variable

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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
38	3301 - Low Density Deciduous Trees	None	1.7			Yes	-2026: ground overall soft and exposed sand. Use quad to spread seed. Lycopodium, rabbit tobacco, northern long sedge, natural red pine regen from surrounding planted red pine stand. (BD)-2019: woody encroachment was commercially harvested from most of the stand, except the northwest arm on a steep slope.-2006 comments: Small junipers, strawberry, hawkweed, moss. Foot access only. Shallow frost pocket.

Sub-Canopy Species	Density	Avg. Height	Size
St. Johns Wort	Low	Not Applicable	Not Applicable
Maple (spp.)	Low	Variable	Variable
Cladonia (Reindeer moss)	Medium	Not Applicable	Not Applicable
Beech	Trace	< 5 feet	< 5 feet
Poverty Grass	Low	Not Applicable	Not Applicable
White Pine	Trace	10 - 20 feet	10 - 20 feet
Red Maple	Low	>20 feet	>20 feet
Quaking Aspen	Low	>20 feet	>20 feet
Black Cherry	Low	>20 feet	>20 feet
Bracken Fern	Medium	Not Applicable	Not Applicable
Common Or Ground Juniper	Low	5 - 10 feet	5 - 10 feet

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
39	4130 - Aspen	Sapling Well	8.8	7	Unspecified	N/A	Clearcut in spring 2019 (61-026-18), with two retention patches of mixed hardwoods/aspen totaling 0.5 acres. Cherry saplings are either black cherry or pin cherry. Originally one stand with what is now stand 79, which has more hardwoods/less aspen, so was left out of cut to allow hardwoods to develop.

Canopy Species	% Cover	Size Class	DBH	Age
Bigtooth Aspen	86	Sapling	1	7
Black Cherry	10	Sapling	1	7
Red Maple	2	Pole/Log	9	
Sugar Maple	2	Log/Pole	10	

Sub-Canopy Species	Density	Avg. Height	Size
Beech	Low	< 5 feet	< 5 feet
Ironwood	Medium	< 5 feet	< 5 feet

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
40	42110 - Planted Red Pine	Poletimber Well	16.3	39	201+	N/A	Planted: 19872026 BA: 220, 210, 210, 190, 210, 190. Middle left pocket is a little small in DBH.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	2	Log/Pole	10	
Quaking Aspen	1	Pole	7	
Red Pine	93	Pole	7	39
Black Cherry	4	Pole/Log	9	

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
41	4112 - Maple, Beech, Cherry Association	Poletimber Poor	15.3	70	1-50	N/A	2026 BA: 30, 10, 60. Trenched and under-planted acorns on 2.7 acres of stand in spring 2009, mostly failed to germinate. Patchy regen growth.

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	10	Log/Pole	13	
Red Maple	35	Pole/Log/Sap	6	
Quaking Aspen	5	Pole	7	
Bigtooth Aspen	3	Pole/Log	8	
Black Cherry	45	Pole/Log/Sap	9	70
Beech	2	Pole/Log/Sap	9	

Sub-Canopy Species	Density	Avg. Height	Size
Serviceberry (Juneberry)	Trace	10 - 20 feet	10 - 20 feet
Maple (spp.)	Medium	Variable	Variable
Beech	Low	Variable	Variable
White Pine	Trace	5 - 10 feet	5 - 10 feet

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
42	3301 - Low Density Deciduous Trees	None	33.2			Yes	-2026: lycopodium, knapweed (quite a bit), honeysuckle, autumn olive, mullein, milkweed, large lilac clump still present, horsemint, rabbit tobacco, aster spp., goldenrod, pearly everlasting, northern long sedge, rush spp. (Juncus spp.). Saw ruffed grouse, turkey sign, lots of deer activity-2019: most of the merchantable deciduous trees were commercially harvested in spring, 2019. Halos of maple regeneration around older open-grown cherry. One clump of lilac seen. -2006 comments: Scattered rubus, lycopodium, deciduous and coniferous seedlings, juniper, spotted knapweed, sheep sorrel, hawkweed, strawberry. Horse mint near south end of opening.

Sub-Canopy Species	Density	Avg. Height	Size
Pines (spp.)	Trace	5 - 10 feet	5 - 10 feet
Common Or Ground Juniper	Trace	5 - 10 feet	5 - 10 feet
Beech	Trace	Variable	Variable
Serviceberry (Juneberry)	Trace	10 - 20 feet	10 - 20 feet
Oak (spp.)	Trace	< 5 feet	< 5 feet
Blackberry/Raspberry	Low	5 - 10 feet	5 - 10 feet
Poverty Grass	Medium	Not Applicable	Not Applicable
Bracken Fern	Low	Not Applicable	Not Applicable
Cladonia (Reindeer moss)	Low	Not Applicable	Not Applicable
St. Johns Wort	Low	Not Applicable	Not Applicable
Pines (spp.)	Trace	>20 feet	>20 feet
Maple (spp.)	Low	Variable	Variable
Red Maple	Trace	>20 feet	>20 feet
Black Cherry	Trace	>20 feet	>20 feet
Little Bluestem	Low	Not Applicable	Not Applicable
Black Cherry	Trace	>20 feet	>20 feet

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
43	3103 - Rubus-Fern	None	2.0			No	2-26: lots of active deer sign. Some minor woody encroachment along the perimeters. 2019: mature maple, aspen and cherry were removed from most of the stand via commercial harvest in conjunction with a timber sale in the adjacent stand.2006 comments: South end was used as a timber landing in the past. Frost holes. Aster and pussy toes. Rolling terrain

Sub-Canopy Species	Density	Avg. Height	Size
Blackberry/Raspberry	Low	5 - 10 feet	5 - 10 feet
Bracken Fern	High	Not Applicable	Not Applicable
White Pine	Trace	10 - 20 feet	10 - 20 feet
Bigtooth Aspen	Low	>20 feet	>20 feet
Cladonia (Reindeer moss)	Trace	Not Applicable	Not Applicable
Poverty Grass	Low	Not Applicable	Not Applicable
Maple (spp.)	Low	Variable	Variable
St. Johns Wort	Trace	Not Applicable	Not Applicable
Cherry (spp.)	Trace	>20 feet	>20 feet
Ironwood	Trace	>20 feet	>20 feet

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
44	4112 - Maple, Beech, Cherry Association	Sawtimber Medium	75.9	110	81-110	N/A	There is a concentration of hemlock on the east edge of the north lobe, with some winter deer use. Middling quality hardwoods, but some nicer single-stemmed red maple. RM and SM large saplings patch near middle will push to pole size next YOE. 2026 BA: 100, 90, 70, 100, 110, 80. Second age on RM about 78. Selection cut in winter 2020-21 (61-060-18); most of the beech and aspen were removed. Parts of the south end were thinned in 2001 (61-023-98).

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	40	Log/Pole	13	
Red Maple	50	Log/Pole	14	110
Beech	2	XLog/Log	22	
Black Cherry	7	Log/Pole	12	
Red Oak	1	XLog/Log	18	

Sub-Canopy Species	Density	Avg. Height	Size
Ironwood	Medium	< 5 feet	< 5 feet
Sugar Maple	Low	>20 feet	>20 feet
Hemlock	Low	>20 feet	>20 feet
Beech	Medium	5 - 10 feet	5 - 10 feet

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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
45	4139 - Aspen, Mixed Deciduous	Sawtimber Well	27.1	52	81-110	N/A	Remnant maples from before last harvest. Mixed aspen/hardwood poles, scattered small openings/frost pockets. Hardwoods are mostly multi-stemmed. Bigtooth mainly on hills & ridges, mainly quaking aspen on lower slopes and depressions. Successional push to hardwoods (RM, SM, AB). Sapling layer mostly red maple, sugar maple, also some beech and ironwood. 2019: original stand was split: southeast part was clearcut in 2019, is now stand 53.

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	6	Log/Pole	10	
Red Maple	40	Log/Pole	10	105
Quaking Aspen	10	Pole	9	52
Bigtooth Aspen	40	Log/Pole	11	52
Black Cherry	4	Pole	9	

Sub-Canopy Species	Density	Avg. Height	Size
Maple (spp.)	High	Variable	Variable
Beech	Low	Variable	Variable

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site
46	4130 - Aspen	Poletimber Well	17.1	52	111-140	N/A

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	3	Log/Pole	10	
Quaking Aspen	8	Pole	8	52
Bigtooth Aspen	80	Pole	9	52
Black Cherry	7	Log/Pole	12	
Sugar Maple	1	Pole	5	
Ironwood	1	Pole/Sapling	5	

Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	Low	>20 feet	>20 feet
Beech	Trace	10 - 20 feet	10 - 20 feet
Ironwood	Medium	10 - 20 feet	10 - 20 feet

Stand	Level 4 Cover Type	Size Density	Acres	Managed Site	General Comments
47	3103 - Rubus-Fern	None	1.2	No	-2026: northern long sedge, mullein, rabbit tobacco, horsemint (trace)-Removed most of the deciduous trees in spring 2019 commercial harvest.-2006 comments: Slow aspen encroachment into frost pocket. Rice grass, sheep sorrel, lycopodium, and some poverty grass. Frost pocket and foot access only.

Sub-Canopy Species	Density	Avg. Height	Size
Black Cherry	Trace	>20 feet	>20 feet
Bracken Fern	Full	Not Applicable	Not Applicable
Blackberry/Raspberry	Trace	5 - 10 feet	5 - 10 feet
Canada Thistle	Trace	Not Applicable	Not Applicable
Honeysuckle (spp.)	Trace	< 5 feet	< 5 feet
White Pine	Trace	>20 feet	>20 feet

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site
48	4130 - Aspen	Sapling Well	5.1	7	Immature	N/A

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	3	Log/Pole/Sap	10	
Red Maple	1	Log/Pole	11	
Red Oak	1	Log	12	
Red Pine	5	Pole	8	39
Quaking Aspen	40	Sapling	1	7
Bigtooth Aspen	40	Sapling	1	7
Black Cherry	10	Sapling	1	7

Sub-Canopy Species	Density	Avg. Height	Size
Beech	Trace	< 5 feet	< 5 feet

Clearcut in spring 2019 for sale 61-026-18. Aspen is generally evenly distributed with a few no growth patches. No aspen regeneration in the south tail of the stand; only red maple and cherry. Aspen is a mixture of quaking and bigtooth, but amounts of each are currently unknown.

Retention areas: mature hardwoods on a slope along the east side, a small block of planted red pine, plus some scattered individual trees.

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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
49	42110 - Planted Red Pine	Poletimber Well	20.2	39	201+	N/A	Planted: 1987 Never thinned. Stand consists of 3 separated chunks. Mild slope in northern most chunk. 2026 BA: 240, 220,160, 200, 220, 170

Canopy Species	% Cover	Size Class	DBH	Age
Red Pine	94	Pole	8	39
Black Cherry	4	Log/XLog/Pole	14	
Red Maple	1	Log/Pole	12	
Sugar Maple	1	Pole	7	

Sub-Canopy Species	Density	Avg. Height	Size
Beech	Trace	< 5 feet	< 5 feet
Sugar Maple	Trace	5 - 10 feet	5 - 10 feet

Stand	Level 4 Cover Type	Size Density	Acres	Managed Site	General Comments
50	3301 - Low Density Deciduous Trees	None	4.4	No	Ground cover info mostly from 2006 inventory. [2006 comments: Large clump of red maple, quaking aspen, juneberry in center of south lobe. Frost pocket. Rice grass, sedges, hawkweed, beech saps, crab apple, hawthorne, strawberry, sumac.]2026-see above spp. and horsemint, honeysuckle starting to pop up

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Low	>20 feet	>20 feet
Common Or Ground Juniper	Trace	5 - 10 feet	5 - 10 feet
Black Cherry	Low	>20 feet	>20 feet
Cladonia (Reindeer moss)	Trace	Not Applicable	Not Applicable
Serviceberry (Juneberry)	Trace	10 - 20 feet	10 - 20 feet
Bracken Fern	Full	Not Applicable	Not Applicable
Mixed Grasses	Low	Not Applicable	Not Applicable
White Pine	Low	10 - 20 feet	10 - 20 feet
Unlisted - See Comments	Medium	< 5 feet	< 5 feet
Quaking Aspen	Trace	>20 feet	>20 feet

Stand	Level 4 Cover Type	Size Density	Acres	Managed Site	General Comments
51	310 - Herbaceous Openland	None	29.1	Yes	2026: ORV trespass from adjacent private home.Nice opening with good tree cover islands scattered throughout the stand.Ground cover info is from 2006 inventory. Adjacent private homes to the east. Stand is succeeding to northern hardwoods, with halos of maple regeneration surrounding older open-grown cherry. [2006 comments: Sparse, open grown hardwoods: cherry, red maple, sugar maple. Scattered white pine and juniper. Series of frost pockets and old farm fields. Rice grass, lycopodium, moss, hawkweed, rubus, SJW. Old farm field portion of stand borders private property.] 2019: the northeast part of the stand was commercially harvested in April 2019 to remove most of the deciduous trees >5" dbh for opening maintenance

Sub-Canopy Species	Density	Avg. Height	Size
Black Cherry	Low	>20 feet	>20 feet
Common Or Ground Juniper	Low	< 5 feet	< 5 feet
Bracken Fern	High	Not Applicable	Not Applicable
Sugar Maple	Trace	Variable	Variable
White Pine	Trace	Variable	Variable
White Pine	Trace	>20 feet	>20 feet
Red Maple	Low	>20 feet	>20 feet
Black Cherry	Low	10 - 20 feet	10 - 20 feet
Red Pine	Trace	10 - 20 feet	10 - 20 feet
Quaking Aspen	Low	>20 feet	>20 feet
Cladonia (Reindeer moss)	Full	Not Applicable	Not Applicable
Poverty Grass	Medium	Not Applicable	Not Applicable
Sugar Maple	Trace	>20 feet	>20 feet
Beech	Trace	5 - 10 feet	5 - 10 feet

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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
52	4112 - Maple, Beech, Cherry Association	Sawtimber Medium	9.1	112	81-110	N/A	Heavy beech scale. 2026 BAs: 140, 40, 80, 40. Select cut in 2000 (61/029/98). Farily heavy removal with lots of regen gaps, which are mostly filling in with beech seedlings and stump sprouts.

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	43	Log/Pole/XLog	12	112
Red Maple	38	Log/XLog	14	
Beech	15	Log/Pole/XLog	12	
Black Cherry	4	Log	12	

Sub-Canopy Species	Density	Avg. Height	Size
Beech	High	Variable	Variable
Ironwood	Low	5 - 10 feet	5 - 10 feet

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
53	4130 - Aspen	Sapling Well	22.6	6	Unspecified	N/A	Clearcut in spring 2019. Five retention islands with red maple, bta, black cherry, and white pine.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	2	Pole	7	
Bigtooth Aspen	94	Sapling	1	6
White Pine	1	Pole	9	
Black Cherry	1	Pole	6	
Bigtooth Aspen	2	Pole	7	

Sub-Canopy Species	Density	Avg. Height	Size
Beech	Low	5 - 10 feet	5 - 10 feet
Cherry (spp.)	Low	5 - 10 feet	5 - 10 feet

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
54	4130 - Aspen	Sapling Well	20.5	7	Unspecified	N/A	Clearcut in May 2019 (61-026-18). Some steep slopes turned out to be inoperable, so the retention islands were shifted somewhat from the original sale layout to incorporate these slopes as retention and have parts of the original retention islands harvested. Final retention island area is about 1.5 acres of mixed aspen/red maple/cherry. Well stocked with aspen.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	1	Pole	8	
White Pine	2	Log	13	
Bigtooth Aspen	1	Pole	8	
Black Cherry	1	Pole	7	
Bigtooth Aspen	95	Sapling	1	7

Sub-Canopy Species	Density	Avg. Height	Size
Serviceberry (Juneberry)	Trace	5 - 10 feet	5 - 10 feet
Cherry (spp.)	Medium	10 - 20 feet	10 - 20 feet
Aspen (spp.)	Low	>20 feet	>20 feet
Beech	Low	< 5 feet	< 5 feet

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
55	3103 - Rubus-Fern	None	2.4			No	Ground cover info mostly from 2006 inventory. [2006 comments: In a valley. Trace of sedge under bracken. Rice cut grass, sheep sorel, occasional beech along perimeter. Red maple, black cherry, and quaking aspen encroachment.]2026: lycopodium

Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	Trace	>20 feet	>20 feet
Bracken Fern	Full	Not Applicable	Not Applicable
Black Cherry	Trace	>20 feet	>20 feet
Mixed Grasses	Medium	Not Applicable	Not Applicable
Red Maple	Trace	>20 feet	>20 feet
Black Cherry	Trace	>20 feet	>20 feet
Red Pine	Trace	>20 feet	>20 feet

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
56	4130 - Aspen	Sapling Well	9.4	17	Immature	N/A	Well stocked regeneration. Autumn olive is thick in the southeast lobe of the stand, scattered elsewhere. Couple hemlock poles and red pine saplings; even one scotch pine.

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	4	Log	14	86
Bigtooth Aspen	89	Sapling	2	17
Red Oak	1	Log/Pole	11	
Black Cherry	2	Sapling	3	17
Ironwood	1	Sapling	3	
White Pine	2	Log/Pole	10	
Red Maple	1	Log	12	

Sub-Canopy Species	Density	Avg. Height	Size
Cherry (spp.)	Medium	5 - 10 feet	5 - 10 feet
Autumn Olive	Trace	< 5 feet	< 5 feet
Ironwood	High	Variable	Variable
White Pine	Low	Variable	Variable
Beech	Low	5 - 10 feet	5 - 10 feet

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
57	4112 - Maple, Beech, Cherry Association	Sawtimber Well	26.5	105	81-110	N/A	Heavy beech scale. 2026 BAs: 120, 50, 80, 90, 110, 70, 130. Previously thinned (61-029-98) with some large regeneration holes which are filling in with mostly beech seedlings, some with dense aspen sprouts. There is a small aspen clone in middle east part of stand.

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	44	Log/Pole	12	105
Red Maple	38	Log/Pole	13	
Beech	13	Log/Pole/XLog	16	
Black Cherry	3	Log	15	
Bigtooth Aspen	2	Pole	5	

Sub-Canopy Species	Density	Avg. Height	Size
Ironwood	Low	5 - 10 feet	5 - 10 feet
Beech	High	Variable	Variable
Bigtooth Aspen	Low	>20 feet	>20 feet

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
58	3301 - Low Density Deciduous Trees	None	2.8			No	2026 (BD): milkweed, honeysuckle, knapweed, mullein, bedstraw presentFairly open with pockets of small DBH wood with some logs. Some ORV damage and created 2-tracks. Chip landing in stand from 2011 aspen harvest in adjacent stand.

Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	Low	>20 feet	>20 feet
Poverty Grass	Trace	Not Applicable	Not Applicable
Red Maple	Low	10 - 20 feet	10 - 20 feet
Cherry (spp.)	Low	>20 feet	>20 feet
Cherry (spp.)	Trace	5 - 10 feet	5 - 10 feet
Red Maple	Low	Variable	Variable
Jack Pine	Trace	< 5 feet	< 5 feet
Beech	Trace	5 - 10 feet	5 - 10 feet
Quaking Aspen	Trace	10 - 20 feet	10 - 20 feet
Sugar Maple	Trace	5 - 10 feet	5 - 10 feet
Mixed Grasses	Low	Not Applicable	Not Applicable
Blackberry/Raspberry	Low	5 - 10 feet	5 - 10 feet
Bracken Fern	High	Not Applicable	Not Applicable
Ironwood	Trace	5 - 10 feet	5 - 10 feet

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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
59	4112 - Maple, Beech, Cherry Association	Sawtimber Medium	15.9	106	51-80	N/A	Stand was thinned in fall 2011 (61-013-28), whole tree/chip harvested. Beech scale is present. 2026 BAs: 100, 80, 50, 50. Most of the beech and a few other trees were harvested in a salvage cut in fall 2019. Few patches of dense sugar maple saplings. Black cherry has black tar. Absorbed part of opening (stand 50) since it was grown in. Few open spots but BA should be fairly similar throughout.

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	45	Log/Pole	12	106
Red Maple	45	Log/Pole/XLog	16	
Beech	3	Log/Pole/XLog	15	
Quaking Aspen	2	Log/Pole	10	80
Black Cherry	5	Log	12	

Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	Low	Variable	Variable
Ironwood	Low	Variable	Variable
Beech	High	Variable	Variable
Black Cherry	Low	Variable	Variable

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
60	4319 - Mixed Upland Forest	Sawtimber Poor	1.2	91	51-80	N/A	*****NEED TO TAKE AGE CORES*****Previously very small size opening that grew in. It was used in the past as a general landing location as well as open spot for wildlife. Want to continue to keep that open for those purposes. BAs were variable: 40, 130, 50, 0.

Canopy Species	% Cover	Size Class	DBH	Age
White Pine	49	Log	16	91
Black Cherry	5	Log/Pole	13	
Red Maple	45	Pole/Log	9	41
Bigtooth Aspen	1	Log	14	

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

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
61	4112 - Maple, Beech, Cherry Association	Sawtimber Well	7.7	106	111-140	N/A	Patch of pole WP at north end along with some younger maple, and a couple veteran WP. 2026 BAs: 110, 120, 100, 110.

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	60	Log/Pole	12	106
Red Maple	21	Log/Pole	13	
Basswood	12	Log/Pole	11	
Black Cherry	3	Pole	8	
Ironwood	2	Pole	6	
Hemlock	1	Log/XLog	16	
White Pine	1	Log/Pole/XLog	10	

Sub-Canopy Species	Density	Avg. Height	Size
Ironwood	Medium	Variable	Variable
White Pine	Trace	5 - 10 feet	5 - 10 feet
Sugar Maple	Low	Variable	Variable

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
62	42110 - Planted Red Pine	Poletimber Well	21.7	39	171-200	N/A	Planted: 19872026 RP heights: 35', 27', 33', 40'

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	2	Log/Pole	12	
Red Pine	93	Pole	7	39
Black Cherry	4	Log/Pole	10	
White Pine	1	Pole	9	

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
63	4131 - Aspen, Oak	Poletimber Well	24.8	60	81-110	N/A	Although aspen, there is still a heavy oak component in the east portion. Aspen is more concentrated in the west portion of stand. The BA is lower in concentrated hardwood areas and higher in aspen pockets. Un-official 2-track runs through South portion of stand. Lots of deer activity.

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	8	Log/Pole	15	
Red Maple	8	Log/Pole	10	
Red Oak	20	Log/Pole	11	96
Bigtooth Aspen	60	Pole/Log	9	60
Black Cherry	1	Pole	8	
White Pine	3	Log/XLog	16	

Sub-Canopy Species	Density	Avg. Height	Size
Autumn Olive	Trace	< 5 feet	< 5 feet
Ironwood	Medium	Variable	Variable
White Pine	Low	Variable	Variable
Cherry (spp.)	Low	Variable	Variable
Ironwood	Low	< 5 feet	< 5 feet

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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
64	4112 - Maple, Beech, Cherry Association	Sawtimber Medium	27.7	117	51-80	N/A	Mean 2016 BAs from 4 plots: 100, 80, 80, 70, 50, 60. Thinned in fall 2019 (61-009-18) and 2001. Scattered bigtooth aspen and yellow birch. Some girdled beech are now dead and falling down. Scattered hemlock snags, some hemlock saplings. Fair amount of CWD

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	45	Log	13	117
Red Maple	35	Log	15	
Beech	10	XLog/Log	20	
Basswood	2	Log	14	
Black Cherry	8	Log	14	

Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	Low	>20 feet	>20 feet
Ironwood	Trace	< 5 feet	< 5 feet
Beech	High	Variable	Variable

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
65	3301 - Low Density Deciduous Trees	None	12.2			Yes	Basically flat with some depressions probably from old homestead. ORV tracks /damage. Stand encompasses intersection of Hooker rd. and Rayle Rd. Most trees were cut in 2011 (61-013-08) when timber sale was in neighboring stand, and was used as a landing for the sale. 2026-trace/one red pine canopy tree, and a few sapling size

Sub-Canopy Species	Density	Avg. Height	Size
Spotted Knapweed	Medium	Not Applicable	Not Applicable
Bracken Fern	High	Not Applicable	Not Applicable
Poverty Grass	Medium	Not Applicable	Not Applicable
Beech	Trace	10 - 20 feet	10 - 20 feet
Serviceberry (Juneberry)	Trace	10 - 20 feet	10 - 20 feet
White Pine	Low	10 - 20 feet	10 - 20 feet
Quaking Aspen	Low	>20 feet	>20 feet
Ironwood	Trace	Variable	Variable
Black Cherry	Trace	>20 feet	>20 feet
White Pine	Trace	>20 feet	>20 feet
Black Cherry	Low	>20 feet	>20 feet
Autumn Olive	Trace	5 - 10 feet	5 - 10 feet
Sugar Maple	Low	Variable	Variable
Black Cherry	Low	>20 feet	>20 feet

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
66	4119 - Mixed Northern Hardwoods	Sawtimber Well	35.1	113	111-140	N/A	Thinned in 2009 under TSC #61-017-08-01. 2026 BAs: 120, 130, 120, 100. Diverse stand. New sugar maple poles and sugar maple saplings that have made it above browse height. Some IW 10-15ft.

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	40	Log/Pole	10	113
Red Maple	25	Log/Pole	14	
Bigtooth Aspen	4	Log	14	81
White Pine	13	XLog	24	
Black Cherry	7	Pole/Log	9	
Basswood	3	Log/Pole	13	
Red Oak	7	XLog/Log	20	
Beech	1	XLog/Log	20	

Sub-Canopy Species	Density	Avg. Height	Size
Ironwood	High	< 5 feet	< 5 feet
Sugar Maple	Low	5 - 10 feet	5 - 10 feet
Ironwood	Low	Variable	Variable
Hemlock	Low	>20 feet	>20 feet
Beech	Trace	Variable	Variable

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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
67	4130 - Aspen	Sapling Well	10.7	17	1-50	N/A	Stand has a few remnant sugar maple and basswood in addition to oak on the perimeter. Well stocked aspen regeneration. Stand was cut in 2009 in sale 61-002-08.

Canopy Species	% Cover	Size Class	DBH	Age
Red Oak	4	Log/Pole	10	
Bigtooth Aspen	84	Sapling	3	17
White Pine	6	XLog	24	104
White Pine	6	Sapling/Pole	4	

Sub-Canopy Species	Density	Avg. Height	Size
Black Cherry	Low	Variable	Variable
White Pine	Medium	Variable	Variable
Autumn Olive	Trace	< 5 feet	< 5 feet
Ironwood	Low	Variable	Variable

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
68	4116 - Mixed N. Hardwood - Aspen	Poletimber Well	3.7	52	81-110	N/A	This stand was split off from parent stand 54 during sale prep in 2018. Variable BA due to growth into pole class. Few large log sized sugar maple.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	43	Pole	8	52
Quaking Aspen	5	Pole	8	52
Bigtooth Aspen	20	Log/Pole	10	52
Black Cherry	5	Log/Pole	14	
Beech	7	Pole/Log	9	
Ironwood	10	Pole/Sapling	5	
Sugar Maple	10	Pole	5	

Sub-Canopy Species	Density	Avg. Height	Size
Maple (spp.)	Medium	>20 feet	>20 feet
Beech	High	Variable	Variable
Ironwood	High	Variable	Variable

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
69	3303 - Mixed Low Density Trees	None	5.8			No	Trees are mostly in dense patches; rest of stand is fairly open. Goldenrod, sheep sorrel, leafy spurge, mullein, occasional juniper. Some depressions in the ground possibly from old homestead. Old apple and lilac on the perimeter by the road. This stand has almost 0.25 miles of road frontage. Red pine: trace, saplings. Mullein. Do not use as timber landing and keep logging equipment disturbance at a minimum (preferred to keep out completely). This is to limit to spread of invasives such as knapweed, leafy spurge or autumn olive nearby this site. Along with other invasives found along roadside.

Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	Trace	>20 feet	>20 feet
White Pine	Low	Variable	Variable
Juniper	Trace	< 5 feet	< 5 feet
Bigtooth Aspen	Low	Variable	Variable
Autumn Olive	Trace	5 - 10 feet	5 - 10 feet
White Pine	Low	>20 feet	>20 feet
White Pine	Trace	>20 feet	>20 feet
Mixed Grasses	Low	Not Applicable	Not Applicable
Spotted Knapweed	Medium	Not Applicable	Not Applicable
Jack Pine	Trace	10 - 20 feet	10 - 20 feet
Bracken Fern	High	Not Applicable	Not Applicable
Red Oak	Trace	>20 feet	>20 feet
Black Walnut	Trace	>20 feet	>20 feet
Bigtooth Aspen	Low	>20 feet	>20 feet
Black Cherry	Trace	>20 feet	>20 feet

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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
70	4130 - Aspen	Poletimber Well	32.0	37	111-140	N/A	Few remnant hemlock and white pine. Stand surrounds wetland. Quaking more concentrated near wetland. BA are the poles that just graduated from the sapling class. Steeper topo leading down to wetland.

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	2	Pole/Sapling	5	
Quaking Aspen	24	Pole/Sapling	7	37
Bigtooth Aspen	68	Pole/Sapling	7	37
Hemlock	2	Log	14	
Black Cherry	3	Pole	7	37
Red Maple	1	Sapling/Pole	4	

Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	Low	10 - 20 feet	10 - 20 feet
Ironwood	Low	Variable	Variable
Black Cherry	Low	10 - 20 feet	10 - 20 feet

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
71	6233 - Wet Meadow	None	2.9			No	High water level.

Sub-Canopy Species	Density	Avg. Height	Size
Willow spp.	Trace	5 - 10 feet	5 - 10 feet
Mixed Sedges/Grasses	High	Not Applicable	Not Applicable

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
72	4119 - Mixed Northern Hardwoods	Sawtimber Well	140.0	113	81-110	N/A	Ash, cherry, and some of the aspen have died, so BA is still relatively low. Many of the maple are multi-stemmed. Few live cherries in south 1/2, but most are snags. Areas are variable BA and size class. Some larger sapling/small pole pockets. Couple hemlock. 26" DBH BTA!

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	45	Log/Pole	10	113
Red Maple	22	Log	13	
Basswood	15	Log	11	
Red Oak	7	XLog/Log/Pole	22	
Bigtooth Aspen	7	Log/Pole	13	
Ironwood	2	Pole	5	
Beech	1	Log	12	
Black Cherry	1	Pole	5	

Sub-Canopy Species	Density	Avg. Height	Size
Red Oak	Trace	< 5 feet	< 5 feet
White Pine	Trace	Variable	Variable
Ironwood	Low	< 5 feet	< 5 feet
Beech	Trace	Variable	Variable
Sugar Maple	Medium	>20 feet	>20 feet
Ironwood	Medium	Variable	Variable

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
73	4130 - Aspen	Sapling Medium	8.8	15	1-50	N/A	Good stocking at about 2-3" DBH, but open at the bottom of the basin. Stand was clearcut in fall 2011 (61-013-08), retaining white pine, single-stemmed maple, cherry, basswood, hemlock, about 16 BA. Stand is in a low lying area, may be a cold air sink. Some fairly steep slopes in some parts of the stand.

Canopy Species	% Cover	Size Class	DBH	Age
Quaking Aspen	60	Sapling	3	15
White Pine	3	Log/Pole	11	
Red Maple	1	Log/Pole	10	
Sugar Maple	1	Log/Pole	11	
Black Cherry	1	Log/Pole	10	
Bigtooth Aspen	34	Sapling	3	15

Sub-Canopy Species	Density	Avg. Height	Size
Beech	Low	Variable	Variable
Ironwood	Low	5 - 10 feet	5 - 10 feet
Bracken Fern	Full	Not Applicable	Not Applicable

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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
74	4319 - Mixed Upland Forest	Sawtimber Well	8.3	120	81-110	N/A	Majority of the hemlock are pole sized but are in the sub-canopy. [2006: Aged hemlock was a 7" dbh understory tree, very tight rings.] Some CWD was left as part of sale. Large, old white pine; may have old growth potential. Thinned in fall 2019 (61-029-18).

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	15	Log	16	131
Red Maple	30	Log/Pole	11	
Basswood	5	Pole/Log	8	
Bigtooth Aspen	1	Log	12	
White Pine	45	XLog	26	120
Black Cherry	2	Log	15	
Hemlock	2	Log/Pole	12	

Sub-Canopy Species	Density	Avg. Height	Size
Hemlock	Medium	Variable	Variable
Ironwood	Medium	Variable	Variable
Ironwood	Medium	< 5 feet	< 5 feet
Red Maple	Low	>20 feet	>20 feet

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
75	4130 - Aspen	Sawtimber Well	14.8	56	111-140	N/A	Conifer component is mainly in NW part of stand. Older timber in a strip along the south and east sides of wetland at south end of stand. Northeast half of stand was clearcut in 2020, now stand 140.

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	5	Pole/Log	9	
Red Maple	14	Log/Pole	11	
Basswood	2	Pole/Log	8	
Bigtooth Aspen	71	Log/Pole	11	56
White Pine	5	Log/Pole/XLog	12	
Black Cherry	3	Log	10	

Sub-Canopy Species	Density	Avg. Height	Size
Ironwood	Medium	Variable	Variable
White Pine	Low	Variable	Variable
Beech	Low	5 - 10 feet	5 - 10 feet
Sugar Maple	Low	Variable	Variable

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
76	4119 - Mixed Northern Hardwoods	Sawtimber Well	14.2	117	111-140	N/A	2026 BAs: 70, 130, 180, 160, 120. Most overstory white pine is in the NW part of the stand. Fair number of trees have woodpecker holes, especially on aspen that is dying out. Beech scale present on the couple of Xlog trees. Some higher BAs because of new SM poles.

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	50	Pole/Log	9	117
Basswood	25	Log/Pole	11	
Red Maple	9	Pole/Log	8	
Bigtooth Aspen	4	Log	14	
White Pine	10	XLog	20	
Red Oak	2	XLog	22	

Sub-Canopy Species	Density	Avg. Height	Size
Hemlock	Low	>20 feet	>20 feet
Sugar Maple	Low	>20 feet	>20 feet
White Pine	Low	Variable	Variable
Ironwood	Full	Variable	Variable

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
77	4110 - Sugar Maple Association	Sawtimber Well	10.0	105	111-140	N/A	2026 BAs: 120, 140, 100, 110, 100. Lower quality hardwoods, but has some decent sugar maple poles that would benefit from a thinning. More maple saplings in N chunk.

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	50	Log/Pole	10	105
Basswood	35	Log	15	
Red Maple	2	Pole/Log	8	
Black Cherry	9	Log	11	
Ironwood	2	Pole	8	
Quaking Aspen	2	Log/Pole	14	

Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	Medium	Variable	Variable
Ironwood	Medium	Variable	Variable

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
78	6233 - Wet Meadow	None	1.1			No	Much higher water level than last field visit. Some reed canary grass on edge.

Sub-Canopy Species	Density	Avg. Height	Size
Mixed Sedges/Grasses	High	Not Applicable	Not Applicable

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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
79	4116 - Mixed N. Hardwood - Aspen	Poletimber Well	7.7	52	111-140	N/A	This stand was originally part of stand 39, but having a lower proportion of aspen, this half was withheld from harvest to allow hardwoods to develop. Mature BC has black tar spots in tops. More SM to N and RM to S. Higher BA in north part of stand.

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	30	Log/Pole	11	
Red Maple	20	Pole/Log	9	
Bigtooth Aspen	30	Pole	9	52
Black Cherry	18	Log/Pole	10	
Ironwood	1	Pole	6	
Beech	1	Log/Pole	12	

Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	Medium	>20 feet	>20 feet
Ironwood	Low	>20 feet	>20 feet
Beech	Low	Variable	Variable

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
80	4110 - Sugar Maple Association	Poletimber Well	60.9	118	81-110	N/A	2026 BAs: 80, 80, 90, 110, 100, 60, 110, 90, 100. Several kettle depressions, generally filled with hemlock. Lots of fresh new SM poles, with some dense patches of SM saplings. Small WP pocket from previous plantation, in NW part of the stand (near stand 73).

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	68	Pole/Log	8	118
Red Maple	1	Log	14	
Basswood	20	Log/Pole/XLog	15	
Beech	2	Log/XLog/Pole	17	
Bigtooth Aspen	5	Log	15	
Black Cherry	1	Log/Pole	12	
Ironwood	1	Pole	5	
White Pine	2	Log/Pole	10	

Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	Low	>20 feet	>20 feet
Ironwood	Medium	>20 feet	>20 feet
Hemlock	Trace	>20 feet	>20 feet
Beech	Low	Variable	Variable

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
81	4133 - Aspen, Mixed Pine	Sawtimber Well	10.1	53	81-110	N/A	2026 BA: 150, 60, 90, 100 (Variable BA). Good growth on WP, some older remnants. QA is starting to die out and fall apart, and aspen is not very high quality.

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	15	Log/Pole	11	
Red Maple	10	Log/Pole	11	
Bigtooth Aspen	25	Log/Pole	11	53
White Pine	33	Log/XLog/Pole	17	68
Quaking Aspen	15	Pole	8	53
Basswood	1	Log/Pole	11	
Black Cherry	1	Log/Pole	10	

Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	Medium	10 - 20 feet	10 - 20 feet
Red Maple	Low	>20 feet	>20 feet
Ironwood	Low	Variable	Variable
White Pine	Low	>20 feet	>20 feet

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
82	4116 - Mixed N. Hardwood - Aspen	Poletimber Well	6.3	100	111-140	N/A	2026 BAs: 140, 150, 80, 100. Some nice quality sugar maple poles, and good single-stemmed basswood. More multi-stemmed maples west of State rd.

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	65	Pole/Log	8	100
Red Maple	2	Log/Pole	10	
Basswood	8	Log/Pole	13	
Bigtooth Aspen	21	Pole	8	53
White Pine	1	Log	13	
Black Cherry	1	Log/Pole	11	
Ironwood	2	Pole/Sapling	6	

Sub-Canopy Species	Density	Avg. Height	Size
Ironwood	Medium	Variable	Variable
Sugar Maple	Low	>20 feet	>20 feet

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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
83	6233 - Wet Meadow	None	2.0			No	Higher water level with mixed grasses.
84	4130 - Aspen	Sapling Well	22.6	6	Unspecified	N/A	Clearcut completed December 2019 (61-004-18). There are 5 small mixed-species retention islands in the stand, plus scattered individual residual white pines and some hardwoods. Overall, good aspen regeneration with a few patches of little to no growth.
85	3103 - Rubus-Fern	None	1.8			No	Recorded ground cover info is primarily from 2006 inventory. [2006 comments: Opening in a draw, likely maintained naturally as an opening by cold air flow and frost. Choke cherry, rubus, hawthorne, juneberry, milkweed, timothy, horsemint, bunchgrass, sedges, daisy fleabane, strawberry, cladonia, hoary alysum.]old grade in a valley of 2 hillsides.
86	4111 - S.Maple, Hard Mast Association	Sawtimber Well	49.9	118	81-110	N/A	Thinned in winter 2009-2010 (61-032-0801). Standing dead ash. Some regeneration gaps set up adjacent to mature oaks have only ironwood and a little white pine regeneration. 2026 BAs: 100, 90, 70, 70, 120, 60, 70. Red oak most concentrated at east end of stand. 2017: an oak wilt patch was treated (all red oak removed) in the northeast end of the stand, extending onto adjacent private land to the north.

83

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

84

Canopy Species	% Cover	Size Class	DBH	Age
Bigtooth Aspen	94	Sapling	2	6
White Pine	1	Log/Pole	14	
Sugar Maple	2	Pole	7	
Bigtooth Aspen	3	Pole	8	

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Trace	>20 feet	>20 feet
Blackberry/Raspberry	Low	5 - 10 feet	5 - 10 feet
Ironwood	Medium	Variable	Variable

85

Sub-Canopy Species	Density	Avg. Height	Size
Bracken Fern	Full	Not Applicable	Not Applicable
St. Johns Wort	Trace	Not Applicable	Not Applicable
Quaking Aspen	Trace	>20 feet	>20 feet
White Pine	Low	Variable	Variable
Honeysuckle (spp.)	Trace	5 - 10 feet	5 - 10 feet
Cladonia (Reindeer moss)	Trace	Not Applicable	Not Applicable
White Pine	Trace	>20 feet	>20 feet
Quaking Aspen	Trace	5 - 10 feet	5 - 10 feet
Red Maple	Trace	5 - 10 feet	5 - 10 feet
Mixed Grasses	Medium	Not Applicable	Not Applicable
Mixed Fruiting Shrubs	Trace	Not Applicable	Not Applicable
Black Cherry	Trace	>20 feet	>20 feet
Black Cherry	Low	5 - 10 feet	5 - 10 feet

86

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	51	Log/Pole	11	118
Red Maple	5	Log/Pole	12	
Basswood	25	Log/Pole	12	
Red Oak	12	XLog	26	
White Pine	4	XLog	25	
Black Cherry	1	Log/Pole	10	
Ironwood	2	Pole	7	

Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	Low	Variable	Variable
Hemlock	Low	>20 feet	>20 feet
Ironwood	Full	Variable	Variable
White Pine	Low	Variable	Variable

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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
87	42110 - Planted Red Pine	Sapling Well	6.1	6	Immature	N/A	9/12/2023 - 9/12/2023 Year 3 Regen Survey was completed. Stand currently has 889 Trees per Acre and is 100% Free to Grow. 11/9/2021 - Year 1 regeneration survey completed. Stand has approximately 1037 trees per acre. Stand is not currently free to grow at this time, however stand objective states hardwood, white pine, oak and aspen regeneration along with planted red pine is acceptable. Check stand for year 3 regeneration survey is also recommended. [2006 comments: Strawberry, cladonia, hoary alysum, mullein. Scattered stumps. Pipe sticking out of ground in clump of old white pine. Old homestead? Right on Hulbert Road.] Oct. 2018: small amount of this stand was roller chopped along with stand 134 to the north as site prep step for RP planting. Trenched 2020. Planted April 2021.

Canopy Species	% Cover	Size Class	DBH	Age
Red Pine	100	Sapling	1	6

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
88	4117 - Mixed N. Hardwood - Pine	Sawtimber Well	21.9	113	81-110	N/A	Very good quality white pine. Lots of beech scale present. BA 2026: 70, 110, 90, 110, 70. Few Log sized hemlocks with broken tops. SM saplings and poles in sub-canopy, however, they were left from previous cutting years, not from new regeneration. The thinned in about 2002 and thinned again in fall 2019 (TSP_____).2006: Cored WP was 108' tall

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	24	Log/Pole/XLog	14	
Red Maple	26	Log/Pole	15	113
Basswood	10	Log/Pole	12	
Beech	2	Log/XLog	16	
White Pine	20	XLog/Log	21	111
Hemlock	8	XLog/Log	19	
Black Cherry	8	Log	13	
Red Oak	2	XLog/Log	22	

Sub-Canopy Species	Density	Avg. Height	Size
Ironwood	Low	Variable	Variable
Beech	Low	5 - 10 feet	5 - 10 feet
White Pine	Trace	Variable	Variable
Ironwood	High	< 5 feet	< 5 feet
Ironwood	Trace	>20 feet	>20 feet
Sugar Maple	Low	Variable	Variable
Hemlock	Low	Variable	Variable

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
89	4319 - Mixed Upland Forest	Sawtimber Well	3.4	108	111-140	N/A	Aspen somewhat suppressed. Scattered elm. 2026 BAs: 110, 120, 150. Aspen is starting to die out, self thinning.

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	38	Log/Pole	12	
Basswood	1	Log/Pole	13	
Beech	1	Log	16	
Bigtooth Aspen	15	Pole/Log	9	
White Pine	42	XLog/Log	18	108
Black Cherry	1	Log/Pole	12	
Ironwood	2	Pole	7	

Sub-Canopy Species	Density	Avg. Height	Size
Ironwood	Medium	Variable	Variable
Sugar Maple	Low	10 - 20 feet	10 - 20 feet

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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
90	4130 - Aspen	Sapling Medium	14.3	27	51-80	N/A	Dense, good quality where bigtooth aspen is dominant; otherwise sparse where quaking aspen is dominant mixed with ironwood. Scattered log/pole-sized maple, cherry, elm.

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	2	Log/Pole	11	
American Elm	1	Pole	6	
Quaking Aspen	30	Sapling	2	27
Bigtooth Aspen	45	Pole/Sapling	5	27
White Pine	7	Log	17	
Ironwood	15	Sapling/Pole	4	

Sub-Canopy Species	Density	Avg. Height	Size
Ironwood	Low	Variable	Variable

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
91	42200 - Natural White Pine	Sawtimber Well	3.9	74	111-140	N/A	Patches with high BA. Some weevil evidence.2006 comments: Older, larger WP to the NW in adjacent stands was probably the seed source for this younger WP invading an old field. Cored tree is probably toward the older end for this stand.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	2	Log	11	
White Pine	93	Log/Pole	12	74
Black Cherry	5	Log/Pole	12	

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

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
92	42201 - Natural White Pine, Mixed Deciduous	Sawtimber Poor	2.0	50	51-80	N/A	Wolfy, open-grown white pine in a kettle depression. Good wildlife cover patch.

Canopy Species	% Cover	Size Class	DBH	Age
White Pine	70	Log/Pole	14	50
Black Cherry	25	Log	12	
Sugar Maple	2	Log/Pole	10	
Quaking Aspen	3	Pole	8	

Sub-Canopy Species	Density	Avg. Height	Size
Ironwood	Low	Variable	Variable
Red Maple	Low	Variable	Variable
White Pine	Trace	>20 feet	>20 feet
Witch Hazel	Trace	10 - 20 feet	10 - 20 feet
Sugar Maple	Low	5 - 10 feet	5 - 10 feet

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
93	4139 - Aspen, Mixed Deciduous	Poletimber Well	8.6	56	141-170	N/A	Some pole sized IW contributing to BA. Many of the hardwoods are multi-stemmed.

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	7	Log/Pole	11	
Red Maple	29	Log/Pole	12	
Bigtooth Aspen	54	Pole/Log	9	56
White Pine	3	Log/Pole	14	
Black Cherry	4	Log/Pole	12	
Basswood	1	Log/Pole	13	
Ironwood	2	Pole/Sapling	6	

Sub-Canopy Species	Density	Avg. Height	Size
White Pine	Low	Variable	Variable
Hemlock	Low	>20 feet	>20 feet
Ironwood	Medium	>20 feet	>20 feet
Beech	Trace	Variable	Variable

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
94	42200 - Natural White Pine	Sawtimber Well	2.7	80	111-140	N/A	2016 BAs: 80, 120, 60; mean 87. [2006 comments: Stand was cut through in 1999, all but WP was removed. Trace of red maple, cherry small pole trees also left.]

Canopy Species	% Cover	Size Class	DBH	Age
White Pine	100	Log/XLog/Pole	15	80

Sub-Canopy Species	Density	Avg. Height	Size
Ironwood	Medium	Variable	Variable
White Pine	Low	>20 feet	>20 feet
Quaking Aspen	Low	10 - 20 feet	10 - 20 feet
Sugar Maple	Low	Variable	Variable

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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
95	6131 - Hemlock, White Pine, Maple, Birch	Sawtimber Medium	12.6	115	141-170	N/A	Small stream connecting to lake. Lots of dee bedding. Higher BA as you move east toward the lake. Some supercanopy white pine; trace of black cherry; some dead black ash. Seeps/streams emerging from base of hill. Little winter deer sign; good cover but no browse. Some blowdown. Shoreline on Upper Woodcock Lake.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	25	Log/Pole	12	115
Yellow Birch	15	Log/Pole	12	
Basswood	2	Log	14	
Paper Birch	5	Log/Pole	13	
Quaking Aspen	2	Log/Pole	13	
Northern White Cedar	10	Log/Pole	12	
Tamarack	25	Log/Pole	10	
White Pine	10	XLog	26	

Sub-Canopy Species	Density	Avg. Height	Size
White Pine	Low	Variable	Variable
Hemlock	Medium	>20 feet	>20 feet
Red Maple	Trace	Variable	Variable
Tamarack	Trace	Variable	Variable
Northern White Cedar	Medium	>20 feet	>20 feet

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
96	4130 - Aspen	Sawtimber Well	2.3	86	141-170	N/A	Some hawthorn, juneberry. Stand is on a steep, inoperable slope. Surrounds part of lake.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	2	Pole	8	
Bigtooth Aspen	94	Log/Pole	11	86
Sugar Maple	4	Pole	8	

Sub-Canopy Species	Density	Avg. Height	Size
White Pine	Low	>20 feet	>20 feet
Mixed Fruiting Shrubs	Trace	Not Applicable	Not Applicable
Maple (spp.)	Low	Variable	Variable
Ironwood	Medium	Variable	Variable
Red Maple	Low	>20 feet	>20 feet
Sugar Maple	Low	>20 feet	>20 feet

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
97	4139 - Aspen, Mixed Deciduous	Poletimber Medium	14.6	53	51-80	N/A	Quaking aspen beginning to die out with patchy remnant hardwoods. Thick with sugar maple and/or ironwood regeneration throughout, especially in gaps from dying aspen. BA lower due to more small SM DBH regen.

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	40	Log/Pole	10	
Quaking Aspen	50	Pole/Log	9	53
Basswood	7	XLog/Log	18	
Black Cherry	2	Pole	8	
Ironwood	1	Pole	7	

Sub-Canopy Species	Density	Avg. Height	Size
Ironwood	High	Variable	Variable
Sugar Maple	Medium	Variable	Variable

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
98	4133 - Aspen, Mixed Pine	Sawtimber Well	12.1	56	111-140	N/A	Some low ground, wet spots, especially near the bog. Some ground bog species on the perimeter, as well as more young WP.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	10	Log/Pole	11	
Bigtooth Aspen	65	Log/Pole	10	56
White Pine	21	Log/Pole/XLog	10	90
Black Cherry	3	Log/Pole	10	
Sugar Maple	1	Pole/Log	5	

Sub-Canopy Species	Density	Avg. Height	Size
White Pine	Medium	Variable	Variable
White Pine	Medium	Variable	Variable
Ironwood	Low	< 5 feet	< 5 feet
Ironwood	Medium	Variable	Variable

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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
99	3303 - Mixed Low Density Trees	None	3.9			No	[2006 comments: Found leafy spurge near road. Autumn olive, blueberry, moss, pussytoes, strawberry, sheep sorrel, rice grass, couple of red oaks. Stand is bisected by Hooker road. WP saplings are beginning to encroach along the perimeters, otherwise timber are in clumps.

Sub-Canopy Species	Density	Avg. Height	Size
White Pine	Low	Variable	Variable
Cladonia (Reindeer moss)	Medium	Not Applicable	Not Applicable
Bracken Fern	Medium	Not Applicable	Not Applicable
Basswood	Trace	>20 feet	>20 feet
Red Oak	Trace	>20 feet	>20 feet
Sugar Maple	Trace	>20 feet	>20 feet
White Pine	Low	>20 feet	>20 feet
Spotted Knapweed	Trace	Not Applicable	Not Applicable
Bigtooth Aspen	Low	>20 feet	>20 feet
Black Cherry	Low	>20 feet	>20 feet
Autumn Olive	Trace	< 5 feet	< 5 feet
Leafy Spurge	Trace	Not Applicable	Not Applicable
Poverty Grass	Low	Not Applicable	Not Applicable
St. Johns Wort	Trace	Not Applicable	Not Applicable
Black Cherry	Low	10 - 20 feet	10 - 20 feet
Beech	Trace	5 - 10 feet	5 - 10 feet
Mixed Grasses	Low	Not Applicable	Not Applicable

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
100	500 - Water	None	1.3			No	Much higher water level than previous inventory. [2006 comments: floating mat, various forbs, rubus, frogs, some open water, several dead and down; deer bed]

Sub-Canopy Species	Density	Avg. Height	Size
Mixed Grasses	Medium	Not Applicable	Not Applicable
Blackberry/Raspberry	Trace	5 - 10 feet	5 - 10 feet
Willow spp.	Trace	Variable	Variable

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
101	4116 - Mixed N. Hardwood - Aspen	Sawtimber Well	6.3	118	81-110	N/A	Aspen and white pine declining, some mortality. 2026 BAs: 130, 110, 70, 80. Most of stand is on steep, inoperable slopes leading down to a wetland. Patches of honeysuckle. Very diverse stand on slopes. May be a good candidate for old growth designation. Some hemlock present. SM saplings are starting to move into the pole canopy.

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	35	Log/Pole	10	118
Red Maple	20	Log/Pole	11	118
Basswood	5	XLog/Log	19	
Quaking Aspen	15	Log	12	84
Bigtooth Aspen	5	Log/Pole	16	
White Pine	8	Log/XLog	14	
Black Cherry	12	Log/Pole	11	

Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	Medium	Variable	Variable
Beech	Low	Variable	Variable
Hemlock	Low	>20 feet	>20 feet
Ironwood	Low	>20 feet	>20 feet
Ironwood	Low	Variable	Variable

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
102	6225 - Bog	None	4.5			No	

Sub-Canopy Species	Density	Avg. Height	Size
Sphagnum Moss	Medium	Not Applicable	Not Applicable
Tamarack	Trace	5 - 10 feet	5 - 10 feet
Leatherleaf	Full	5 - 10 feet	5 - 10 feet
White Pine	Low	Variable	Variable
White Pine	Low	>20 feet	>20 feet

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
103	3303 - Mixed Low Density Trees	None	5.6			No	Southeast part of stand was a separate stand (105) in previous inventory; now combined and re-numbered. That part had numerous exotic species listed: spotted knapweed, leafy spurge, common St. Johnswort.2026- Some beech (1% canopy, trace 10-20' subcanopy) and red pine (also same density and percentage as beech listed above). Aspen clones filling in at perimeter of opening.

Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen	Trace	>20 feet	>20 feet
White Pine	Low	10 - 20 feet	10 - 20 feet
Scotch Pine	Low	>20 feet	>20 feet
American Elm	Trace	>20 feet	>20 feet
Bracken Fern	High	Not Applicable	Not Applicable
Mixed Grasses	Low	Not Applicable	Not Applicable
Sugar Maple	Low	>20 feet	>20 feet
Quaking Aspen	Low	10 - 20 feet	10 - 20 feet
Black Cherry	Low	>20 feet	>20 feet
Basswood	Low	>20 feet	>20 feet
Sugar Maple	Trace	10 - 20 feet	10 - 20 feet
White Pine	Trace	>20 feet	>20 feet
Serviceberry (Juneberry)	Trace	10 - 20 feet	10 - 20 feet
Scotch Pine	Low	Variable	Variable
Ironwood	Low	10 - 20 feet	10 - 20 feet

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
104	4112 - Maple, Beech, Cherry Association	Sawtimber Medium	8.7	110	51-80	N/A	Originally part of stand 4, but were portions of the stand that were thinned fall of 2020 (61-060-180). 2026 BA: 50, 60, 90.

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	60	Log/Pole	10	110
Red Maple	34	Pole	9	110
Black Cherry	5	Log/Pole	12	
White Pine	1	XLog/Log	20	

Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	Low	>20 feet	>20 feet
Ironwood	Low	>20 feet	>20 feet
Beech	Medium	Variable	Variable
White Pine	Trace	< 5 feet	< 5 feet

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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
105	4112 - Maple, Beech, Cherry Association	Sawtimber Medium	7.7	106	51-80	N/A	Selection harvest was completed in December 2019 (61-004-18). Although aspen was removed in some gaps, there isn't any aspen regenerated noticed. Most beech.
106	4319 - Mixed Upland Forest	Sawtimber Well	1.3	79	141-170	N/A	Variable BA as white pine subcanopy begins to fill in.
107	3103 - Rubus-Fern	None	0.9			No	Some white pine saplings are beginning to encroach on the edges. Majority of perimeter share boundary with private property. 2026- white pine are beginning to fill in, but still less than 25%. Leave opening on natural cycle
108	4139 - Aspen, Mixed Deciduous	Sawtimber Well	8.2	52	81-110	N/A	Large hardwood component. Aspen more concentrated on the west side.

105

Canopy Species	% Cover	Size Class	DBH	Age
Bigtooth Aspen	3	Log/Pole	13	77
Red Maple	9	Log/Pole	14	
Sugar Maple	75	Log/Pole	10	106
Basswood	1	Log/Pole	12	
White Pine	7	Log	16	
Ironwood	2	Pole/Sapling	6	
Black Cherry	3	Log/Pole	10	

Sub-Canopy Species	Density	Avg. Height	Size
Ironwood	Medium	< 5 feet	< 5 feet
White Pine	Trace	>20 feet	>20 feet
Beech	High	< 5 feet	< 5 feet
Sugar Maple	Trace	>20 feet	>20 feet
Ironwood	Low	Variable	Variable

106

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	10	Log/Pole	15	
Red Maple	20	Log/Pole	12	
Basswood	10	Log/Pole	12	
Bigtooth Aspen	15	Pole/Log	9	
White Pine	45	Log/Pole	10	79

Sub-Canopy Species	Density	Avg. Height	Size
White Pine	Low	>20 feet	>20 feet

107

Sub-Canopy Species	Density	Avg. Height	Size
Black Cherry	Trace	10 - 20 feet	10 - 20 feet
Black Cherry	Trace	>20 feet	>20 feet
White Pine	Trace	10 - 20 feet	10 - 20 feet
Bigtooth Aspen	Low	>20 feet	>20 feet
Red Pine	Trace	Variable	Variable
White Pine	Medium	>20 feet	>20 feet

108

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	20	Log/Pole	11	
Red Maple	36	Log/Pole	10	
Quaking Aspen	2	Pole	8	52
Bigtooth Aspen	40	Log/Pole	10	52
Black Cherry	2	Pole/Log	8	

Sub-Canopy Species	Density	Avg. Height	Size
Maple (spp.)	Medium	Variable	Variable
Ironwood	Low	Variable	Variable

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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
109	4130 - Aspen	Poletimber Well	32.6	58	111-140	N/A	Some small patches of predominantly northern hardwoods here and there. Scattered large white pine. More white pine. More IW over 20 ft saplings to the east. Suggested to combine with stand 93. Scattered RM and RO poles throughout.
110	3303 - Mixed Low Density Trees	None	1.3			No	Ground cover data copied from 2006 inventory. [2006 comments: Golden rod, mullein, sheep sorrel, junipers, oaks on perimeter, red pine planted in a row. Traces of leafy spurge/SKW/SJW.]
111	4319 - Mixed Upland Forest	Sawtimber Medium	2.9	79	81-110	N/A	Decent quality white pine. Thinned in Dec. 2019, residual BA about 110. Most of the aspen was removed.
112	500 - Water	None	20.2			No	Upper Woodcock Lake

109

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	2	Pole/Log	8	
Red Maple	5	Log/Pole	10	
Bigtooth Aspen	85	Pole	8	58
Black Cherry	2	Pole/Log	9	
White Pine	4	Pole/Log/XLog	9	
Red Oak	1	Log/Pole	10	
Basswood	1	Log/Pole	10	

Sub-Canopy Species	Density	Avg. Height	Size
Beech	Low	5 - 10 feet	5 - 10 feet
Ironwood	Medium	Variable	Variable
White Pine	Medium	Variable	Variable
White Pine	Medium	>20 feet	>20 feet

110

Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen	Trace	>20 feet	>20 feet
White Pine	Low	Variable	Variable
Autumn Olive	Trace	5 - 10 feet	5 - 10 feet
Bracken Fern	Medium	Not Applicable	Not Applicable
Quaking Aspen	Trace	10 - 20 feet	10 - 20 feet
White Pine	Trace	>20 feet	>20 feet
Red Pine	Low	>20 feet	>20 feet
Mixed Grasses	High	Not Applicable	Not Applicable
Red Oak	Low	>20 feet	>20 feet
Pines (spp.)	Trace	Variable	Variable
Black Cherry	Trace	>20 feet	>20 feet

111

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	25	Log/Pole	10	
Basswood	10	Log	13	
Bigtooth Aspen	3	Log/Pole	10	76
White Pine	55	Log/Pole	12	79
Black Cherry	2	Pole	8	
Sugar Maple	5	Log/Pole	10	

Sub-Canopy Species	Density	Avg. Height	Size
White Pine	Low	Variable	Variable
Beech	Low	< 5 feet	< 5 feet

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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
113	4311 - Pine, Aspen Mix	Sawtimber Well	8.4	88	111-140	N/A	Nice white pine in various age classes. Could allow to self-thin as aspen falls out of canopy. Good cover for local diversity within larger aspen pole stand. Hardwoods more concentrated to the north and aspen to the south.
114	4110 - Sugar Maple Association	Sawtimber Medium	3.5	98	81-110	N/A	2026 BAs: 110, 100, 90. Thinned in 9/2010 (61-032-0801).
115	6119 - Mixed Lowland Deciduous Forest	Sawtimber Medium	6.0	110	51-80	N/A	Some understory viburnum, hawthorn. Conifers are concentrated east of creek. Hardwoods are west of stand. Higher BA in conifers than deciduous. Some snags and tip ups.
116	42200 - Natural White Pine	Sawtimber Medium	1.7	46	81-110	N/A	Frost pocket opening that filled in. There are a few red pine scattered on the edges. Some Japanese barberry present.

113

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	5	Log/Pole	14	
Red Maple	10	Pole/Log	9	
Basswood	5	Log/Pole	11	
Bigtooth Aspen	25	Pole/Log	8	
White Pine	50	Log/Pole/XLog	11	88
Black Cherry	5	Pole/Log	8	

Sub-Canopy Species	Density	Avg. Height	Size
White Pine	Low	Variable	Variable
Ironwood	Low	>20 feet	>20 feet
Autumn Olive	Trace	5 - 10 feet	5 - 10 feet
Ironwood	Medium	Variable	Variable

114

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	68	Log/Pole	11	98
Red Maple	10	Log	12	
Bigtooth Aspen	5	Log	14	86
Basswood	15	Log	15	
Red Oak	2	XLog	26	

Sub-Canopy Species	Density	Avg. Height	Size
Beech	Low	Variable	Variable
Sugar Maple	Low	>20 feet	>20 feet
Beech	Medium	< 5 feet	< 5 feet
Black Cherry	Low	< 5 feet	< 5 feet

115

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	15	Log/Pole	13	
Yellow Birch	5	Log/Pole	11	
Basswood	40	Log/Pole	13	110
Quaking Aspen	34	Log/Pole	13	59
Northern White Cedar	3	Log/Pole	13	
Hemlock	2	Pole	8	
White Pine	1	Log	15	

Sub-Canopy Species	Density	Avg. Height	Size
Northern White Cedar	Low	Variable	Variable
Hemlock	Low	Variable	Variable
Black Ash	Medium	Variable	Variable
Red Maple	Medium	Variable	Variable
Japanese Barberry	Low	5 - 10 feet	5 - 10 feet

116

Canopy Species	% Cover	Size Class	DBH	Age
White Pine	78	Log/Pole	12	46
Black Cherry	20	Pole/Log	9	
Red Pine	2	Log/Pole	12	

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

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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
117	4112 - Maple, Beech, Cherry Association	Sawtimber Well	21.8	102	141-170	N/A	*Land locked* GTRLC shares west and north boundary. Rd to south doesn't meet state land. Good quality sugar maple. 2026 BA: 170, 200, 190, 140, 90, 120, 150. Higher BA to the North. The BTA is concentrated in the SW corner. Understory hemlock is mostly in one patch. There are a few kettle depressions, and the E edge slopes down into wetland.

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	67	Log/Pole	10	102
Red Maple	12	Log	14	
Basswood	5	Log/XLog/Pole	16	
Beech	5	Log/Pole/XLog	14	
Red Oak	3	XLog	27	
Black Cherry	5	Log	15	
White Pine	1	Log	13	
Bigtooth Aspen	2	Log/Pole	11	

Sub-Canopy Species	Density	Avg. Height	Size
Beech	Low	Variable	Variable
Sugar Maple	Low	>20 feet	>20 feet
Ironwood	Low	Variable	Variable
Hemlock	Low	>20 feet	>20 feet
Sugar Maple	Low	>20 feet	>20 feet

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
118	6117 - Lowland Deciduous, Mixed Coniferous	Sawtimber Medium	6.6	168	81-110	N/A	Floodplain of Platte River; riparian zone. Not operable because of steep adjacent slopes and seeps at the base of the bluff. Open patches filled with cattails more on the W edge of stand, and trees more concentrated to E. Age of y. birch is estimated; transferred from 2006 aging of now-dead ash. Tip ups and snags are present.

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	5	Log/Pole	12	
Red Maple	20	Log	16	
Yellow Birch	55	Log/Pole	14	168
Hemlock	15	Log/Pole/XLog	12	

Sub-Canopy Species	Density	Avg. Height	Size
Black Ash	Low	>20 feet	>20 feet
Northern White Cedar	Low	>20 feet	>20 feet
Beech	Low	10 - 20 feet	10 - 20 feet
Cattail spp.	Medium	Not Applicable	Not Applicable

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
120	6239 - Mixed Emergent Wetland	None	4.8			No	Platte River and bottoms. Some alder/willow, mostly open. Few ducks boxes.

Sub-Canopy Species	Density	Avg. Height	Size
Tag Alder	Medium	5 - 10 feet	5 - 10 feet
Tamarack	Trace	>20 feet	>20 feet
Northern White Cedar	Trace	Variable	Variable
Cattail spp.	Medium	Not Applicable	Not Applicable

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
121	4130 - Aspen	Poletimber Well	14.9	57	111-140	N/A	Intersection corner has lots of sugar maple saplings. Oak looks promising. Sugar maple saplings fairly distributed with a couple patches. Aspen is slightly larger than average to the west, maybe a bit older. More hardwood species along the road. Small opening along road at east end of stand. Heavy deer bedding.

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	5	Log/Pole	11	
Red Maple	4	Log/Pole	10	
Red Oak	19	Log/Pole	13	
Bigtooth Aspen	70	Pole	8	57
White Pine	2	Log	16	

Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	Medium	Variable	Variable
Red Maple	Low	Variable	Variable
Ironwood	Medium	Variable	Variable
Ironwood	Trace	>20 feet	>20 feet
Red Oak	Low	Variable	Variable

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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
122	4119 - Mixed Northern Hardwoods	Poletimber Well	8.6	95	111-140	N/A	2026 BA: 130, 110, 120, 120. Traces of beech, cherry. Numerous multi-stemmed maple. Some veteran white pine, red oak.

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	49	Log/Pole	11	95
Red Maple	10	Log/Pole	11	
Red Oak	33	Log/Pole/XLog	11	
White Pine	5	Log/Pole	14	
Beech	1	Log	12	
Bigtooth Aspen	2	Log/Pole	10	57

Sub-Canopy Species	Density	Avg. Height	Size
Ironwood	Medium	Variable	Variable
Beech	Low	Variable	Variable
White Pine	Trace	Variable	Variable

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
123	122 - Road/Parking Lot	None	2.3			No	Burnt Mill Rd and Oakley Rd

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
124	4130 - Aspen	Sapling Well	8.5	6	Unspecified	N/A	Clearcut in Jan. 2020 (61-019-18). A patch of hardwoods was retained along the road, plus some mature white pine and other scattered residuals.

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	2	Log	12	
Bigtooth Aspen	95	Sapling	1	6
White Pine	1	Log	13	
Bigtooth Aspen	2	Log/Pole	10	

Sub-Canopy Species	Density	Avg. Height	Size
Beech	Trace	< 5 feet	< 5 feet
White Pine	Trace	Variable	Variable
Ironwood	Low	Variable	Variable

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
125	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Medium	7.0	81	51-80	N/A	2026 BA: 70, 80, 90, 60, 70. Some large, veteran WP & SM, traces of hemlock. Multi-aged WP, aged tree (2006) was of median size. Thinned in February 2020 (61-005-18).

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	20	Pole/Log	7	
Red Maple	3	Log	12	
Red Oak	25	Log	14	
Bigtooth Aspen	8	Pole	8	60
White Pine	40	Log/Pole/XLog	12	81
Beech	1	XLog/Log	19	
Black Cherry	2	Log/Pole	11	
Basswood	1	XLog/Log	18	

Sub-Canopy Species	Density	Avg. Height	Size
Ironwood	Low	Variable	Variable
White Pine	Low	Variable	Variable
Sugar Maple	Medium	Variable	Variable

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
126	4112 - Maple, Beech, Cherry Association	Poletimber Poor	1.3	55	1-50	N/A	Closer to 50% canopy cover. Open spot in the middle. Likely from landing for neighboring sale.

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	70	Pole/Sapling	6	55
Black Cherry	8	Log	14	
Quaking Aspen	2	Pole	7	
Red Oak	5	Pole/Log	8	
White Pine	10	Log	13	
Red Maple	5	Log	10	

Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	Medium	Variable	Variable
White Pine	Medium	Variable	Variable

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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
127	4130 - Aspen	Sapling Medium	7.6	6	Unspecified	N/A	Clearcut in February 2020 (61-005-18) with 3 small retention islands plus some scattered mature white pine, hemlock, sugar maple, aspen. Too young to determine if cherry is black cherry or pin cherry.
128	42201 - Natural White Pine, Mixed Deciduous	Sawtimber Well	5.7	66	81-110	N/A	This stand was retained for a wildlife cover corridor between red pine and aspen regeneration cuts to the west and east, respectively. There are some older, veteran white pine. White pine ages are variable. Stand is almost all on a side hill.
129	4112 - Maple, Beech, Cherry Association	Sawtimber Well	15.4	98	81-110	N/A	2026 BA: 90, 100, 100, 130, 100, 90. Scattered cherry stump sprouts from last harvest. Some planted RP within hardwood stand, edges of adjacent plantations transitioning into hardwoods. Rolling terrain. Some nice, straight RM . Higher BA with smaller DBH trees to north .Thinned in 8/2010 (61-007-0801).
130	4112 - Maple, Beech, Cherry Association	Sawtimber Medium	17.5	106	51-80	N/A	Shore-to-Shore Trail through stand on Hooker Rd. Stand was thinned in fall 2011 (61-013-08); whole tree/chip harvested. Beech scale is present. 2026 BAs: 80, 60, 100, 60, 40, 70 . There are numerous promising patches of dense advanced sugar maple saplings (2-3" DBH) and red/sugar maple poles. Newer regeneration gaps from 2011 are mostly just filling in with beech and ironwood sapling.
131	4112 - Maple, Beech, Cherry Association	Sawtimber Medium	24.8	106	81-110	N/A	Thinned in 2010 (61-007-08-01). 2026 BAs: 90, 90, 80, 100, 80, 70). Heavy beech and ironwood understory. Some really nice straight log sugar maple. Some small, open kettle with aspen and cherry concentrated on those hillsides. depressions. Fair amount of CWD. Groups of large, old beech and old bigtooth aspen clones. Most hemlock is missing its tops. Trout lily, dutchman's breeches.

127

Canopy Species	% Cover	Size Class	DBH	Age
Red Oak	5	Sapling	2	
White Pine	2	Log	16	
Bigtooth Aspen	80	Sapling	1	6
Red Maple	3	Sapling	2	
Black Cherry	8	Sapling	1	6
Red Oak	2	Log/XLog	17	

Sub-Canopy Species	Density	Avg. Height	Size
Cherry (spp.)	Medium	5 - 10 feet	5 - 10 feet
Blackberry/Raspberry	Medium	5 - 10 feet	5 - 10 feet
Ironwood	Low	Variable	Variable
Beech	Low	5 - 10 feet	5 - 10 feet

128

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	4	Pole/Log	9	
Bigtooth Aspen	35	Log/Pole	12	92
White Pine	60	Log/XLog/Pole	15	66

Sub-Canopy Species	Density	Avg. Height	Size
White Pine	Low	>20 feet	>20 feet
Red Maple	Low	Variable	Variable

129

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	30	Log/Pole	11	
Red Maple	60	Log/Pole	13	98
Bigtooth Aspen	2	XLog/Log	18	
Red Pine	2	Pole/Log	8	71
Black Cherry	5	Log/Pole	14	
White Pine	1	Log	12	

Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	Low	>20 feet	>20 feet
White Pine	Low	< 5 feet	< 5 feet
Beech	High	Variable	Variable
Beech	Low	10 - 20 feet	10 - 20 feet
Black Cherry	Trace	5 - 10 feet	5 - 10 feet

130

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	35	Log/Pole	12	106
Red Maple	30	Log/XLog/Pole	12	
Beech	25	Log/XLog/Pole	16	
Bigtooth Aspen	1	Log/Pole	12	80
Black Cherry	8	Log	11	
Ironwood	1	Pole	5	

Sub-Canopy Species	Density	Avg. Height	Size
Beech	Medium	>20 feet	>20 feet
Ironwood	Low	< 5 feet	< 5 feet
Sugar Maple	Low	Variable	Variable
Hemlock	Trace	10 - 20 feet	10 - 20 feet
Sugar Maple	Low	>20 feet	>20 feet
Ironwood	Medium	Variable	Variable

131

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	36	Log/Pole	12	
Red Maple	40	Log/Pole	14	106
Beech	12	Log/XLog/Pole	17	
Bigtooth Aspen	5	Log	16	
Black Cherry	7	Log/Pole	15	

Sub-Canopy Species	Density	Avg. Height	Size
Beech	High	Variable	Variable
Hemlock	Low	>20 feet	>20 feet
Ironwood	Medium	Variable	Variable

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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
132	4130 - Aspen	Sapling Well	5.2	16	Immature	N/A	Clearcut in fall 2010 (610070801). Some mature hardwoods retained. Aspen is over 20 ft tall.

Canopy Species	% Cover	Size Class	DBH	Age
Bigtooth Aspen	72	Sapling	1	16
Black Cherry	25	Sapling	1	16
Red Maple	3	Sapling/Pole/Log	4	

Sub-Canopy Species	Density	Avg. Height	Size
Black Cherry	High	5 - 10 feet	5 - 10 feet
Beech	Low	5 - 10 feet	5 - 10 feet

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
133	4130 - Aspen	Sapling Well	5.2	6	Unspecified	N/A	Clearcut in Dec. 2019 (61-019-18). Scattered mature aspen, pine, and oak retained. There is some quaking aspen, however, mostly bigtooth. * try to get better % for BTA and QA during leafout*

Canopy Species	% Cover	Size Class	DBH	Age
Bigtooth Aspen	92	Sapling	1	6
Quaking Aspen	5	Sapling	1	6
Red Oak	1	Log	11	
Bigtooth Aspen	1	Pole/Log	8	
White Pine	1	Log	12	

Sub-Canopy Species	Density	Avg. Height	Size
Ironwood	Low	< 5 feet	< 5 feet
White Pine	Trace	< 5 feet	< 5 feet

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
134	42111 - Planted Red Pine, Mixed Deciduous	Sapling Well	6.8	6	Immature	N/A	RP about 2-3 feet tall. 9/12/2023 - Year 3 Regen Survey was completed, 9/12/2023. Stand currently has 915 trees per acre. Stand is currently 32% Free to Grow11/9/2021 - Year 1 regeneration survey completed. Stand has approximately 908 trees per acre. Stand is not currently free to grow at this time, however treatment says mix of hardwood, aspen and jack pine are acceptable.. Check stand for year 3 regeneration survey is also recommended.Clearcut in 1/2010 under TSC #610320801. Aspen regeneration is patchy, and a very high percentage have damage from antler rubbing. Lots of ironwood coming up outside of the aspen patches, but some white pine seedlings are starting to fill in. Site was roller chopped Oct. 2018 to set back deciduous regen and prepare the site for RP planting. Trenched 2020. Planted April 2021.

Canopy Species	% Cover	Size Class	DBH	Age
Red Oak	10	Pole/Log	9	56
White Pine	10	Pole/Log/Sap	8	56
Sugar Maple	10	Sapling	1	
Red Pine	60	Sapling	1	6
Bigtooth Aspen	10	Sapling	1	

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
135	4130 - Aspen	Sapling Poor	4.9	16	Immature	N/A	General DBH 2-3". Clearcut in 9/2010 (61-032-0801). Some scattered RO, SM, WA, WP, EH, WB, RM retained. Aspen regeneration is patchy; unstocked areas are filling in with cherry. White pine is concentrated in the SW part of the stand. Landing in center of stand.

Canopy Species	% Cover	Size Class	DBH	Age
Bigtooth Aspen	74	Sapling	3	16
Hemlock	1	Pole/Sapling	6	
Red Oak	4	Log/Pole	12	
Sugar Maple	4	Pole/Log	9	
Red Maple	2	Log/Pole	10	
White Pine	15	Pole/Log	8	50

Sub-Canopy Species	Density	Avg. Height	Size
Red Pine	Trace	5 - 10 feet	5 - 10 feet
Red Oak	Trace	5 - 10 feet	5 - 10 feet
Black Cherry	Low	5 - 10 feet	5 - 10 feet
Black Cherry	Medium	< 5 feet	< 5 feet
Ironwood	Trace	5 - 10 feet	5 - 10 feet
Beech	Trace	5 - 10 feet	5 - 10 feet
Blackberry/Raspberry	Medium	< 5 feet	< 5 feet

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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
136	4130 - Aspen	Sapling Medium	12.5	15	Immature	N/A	Clearcut in fall 2011 (61-013-08), with scattered residuals. Residuals include a few beech, oak, and white pine in addition to the listed species. Generally well stocked with aspen regeneration, but there are some sparse or unstocked patches.

Canopy Species	% Cover	Size Class	DBH	Age
Bigtooth Aspen	96	Sapling	3	15
Sugar Maple	1	Log/Pole	10	
Red Maple	1	Log/Pole	10	
Black Cherry	1	Log	12	
Sugar Maple	1	Sapling	3	15

Sub-Canopy Species	Density	Avg. Height	Size
Ironwood	Low	Variable	Variable
Blackberry/Raspberry	Low	5 - 10 feet	5 - 10 feet
Beech	Trace	< 5 feet	< 5 feet
Cherry (spp.)	Low	Variable	Variable

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
137	4130 - Aspen	Sapling Well	8.2	15	1-50	N/A	Clearcut in fall 2011 (61-013-08), with scattered residual white pine and hardwoods. Residual WP is denser to the north. BA low due to residuals in immature stand.

Canopy Species	% Cover	Size Class	DBH	Age
Bigtooth Aspen	75	Sapling	3	15
Red Maple	8	Log/Pole	11	
Sugar Maple	2	Log/Pole	10	
White Pine	14	Log/Pole	11	57
Ironwood	1	Sapling	2	

Sub-Canopy Species	Density	Avg. Height	Size
Red Pine	Trace	< 5 feet	< 5 feet
Ironwood	Low	Variable	Variable

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
138	4130 - Aspen	Sapling Well	33.3	6	Unspecified	N/A	Clearcut in Dec. 2019 (61-019-18). Five patches of mature timber retained, plus uncut strips adjacent to wetlands and scattered mature oak, pine, maple and elm.

Canopy Species	% Cover	Size Class	DBH	Age
Red Oak	3	Log	12	
Bigtooth Aspen	85	Sapling	1	6
White Pine	1	Log	13	
Red Pine	3	Pole	9	
Bigtooth Aspen	8	Pole	9	48

Sub-Canopy Species	Density	Avg. Height	Size
Beech	Low	< 5 feet	< 5 feet
White Pine	Trace	Variable	Variable
Ironwood	Low	5 - 10 feet	5 - 10 feet

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
139	4130 - Aspen	Sapling Well	25.0	6	Immature	N/A	Clearcut March 2020 (61-016-18) with 3 retention islands and scattered residual maple, red oak, white pine, and a couple hemlock. There is aspen regeneration but it is patchy. Fair amount of red maple and red oak stump sprouting.

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	1	Log	13	
Red Oak	2	Log	15	
Bigtooth Aspen	2	Pole/Log	9	
Bigtooth Aspen	78	Sapling	1	6
White Pine	1	Log	17	
Red Maple	6	Sapling	1	6
Red Oak	10	Sapling	1	6

Sub-Canopy Species	Density	Avg. Height	Size
Beech	Trace	< 5 feet	< 5 feet
Ironwood	Medium	< 5 feet	< 5 feet

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
140	4130 - Aspen	Sapling Well	18.4	6	Immature	N/A	Clearcut April 2020 (61-016-18), with scattered residual white pine, red oak, red maple, cherry, and aspen. Road is currently grown in with saplings.

Canopy Species	% Cover	Size Class	DBH	Age
Bigtooth Aspen	96	Sapling	1	6
Red Maple	1	Sapling	1	6
Red Oak	2	Log	14	
White Pine	1	Log	12	

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Low	5 - 10 feet	5 - 10 feet
Beech	Low	5 - 10 feet	5 - 10 feet
Cherry (spp.)	Trace	5 - 10 feet	5 - 10 feet
Ironwood	Low	Variable	Variable

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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
141	4112 - Maple, Beech, Cherry Association	Sapling Poor	1.7	5	1-50	N/A	Clearcut October 2020 with scattered residuals (61-060-18). Poorly regenerating, with patchy cherry (species unknown) and some aspen. Some sugar maple and red maple were left as residuals.

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	20	Log	13	
Red Maple	20	Log	13	
Black Cherry	55	Sapling	1	5
Bigtooth Aspen	5	Sapling	1	5

Sub-Canopy Species	Density	Avg. Height	Size
Blackberry/Raspberry	Medium	5 - 10 feet	5 - 10 feet

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
142	4112 - Maple, Beech, Cherry Association	Sawtimber Well	7.4	101	111-140	N/A	Riparian area next to Eliza Lake, steep slopes making it inoperable.

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	20	Log/Pole	10	
Red Maple	70	Log/Pole	14	101
Bigtooth Aspen	5	Log	17	82
Black Cherry	5	Log/Pole	12	

Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	Low	>20 feet	>20 feet
Beech	Trace	>20 feet	>20 feet
Beech	Low	Variable	Variable

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