



Compartment Review Presentation

Gwinn Forest Management Unit

Compartment 32203

Entry Year 2026

Acreage: 1,403

County Marquette

Management Area: Michigamme Highlands

Stand Examiner: Rick Hill

Legal Description:

T49N-R26W, Sections 3-5, 9 & 10.

Identified Planning Goals:

Management goals range from maintaining timber production and wildlife habitat to protecting water quality. Recreation Values will be protected during any treatments as well.

Soil and topography:

The major soil associations are Garlic, Keweenaw, Dishno, Sauxhead, amongst many others. The primary soil types are sands, loams, loamy sands and sandy loams. Topography consists of rolling hills to moderately steep hills throughout. Bedrock glades and thin soils over bedrock are scattered throughout the compartment.

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

State land in this area is generally scattered, with heavy recreation use, high values to wildlife and fisheries, as well as rare natural communities. Land use in the area around the compartment consists of scattered homes, and small camps and off grid homes parcel sizes for these properties has shrunk over the years. Large parcels owned by TIMOs are also present and actively managed for timber production. This compartment is also adjacent to a large privately held parcel of land and historic lodge.

Unique Natural Features:

Most of this area was gifted to the State to protect the steelhead fishery in the Little Garlic River. The Little Garlic Falls is a popular hiking destination and a point of interest on the North Country Trail.

Archeological, Historical, and Cultural Features:

There are known concerns within the compartment. All proposed management activities have taken these concerns into consideration.

Special Management Designations or Considerations:

All management operations will take into consideration the protection of the Little Garlic watershed and its tributaries.

Watershed and Fisheries Considerations:

The Little Garlic River is a very popular steelhead trout fishery in the spring and provides an excellent opportunity for fishermen.

Wildlife Habitat Considerations:

This compartment is found within the Michigamme Highlands Management Area, which is on an Outwash Plain in northern Marquette County. The State Forest covers about 3,800 acres and is somewhat scattered parcels. The dominant natural communities are dry northern forest. The major forest cover type is jack pine. This management area provides multiple benefits to the public including forest products, dispersed recreational activities, and habitat for fish and wildlife species. The management priority in this area is to continue to provide these multiple benefits in a sustainable manner while minimizing user conflicts. Wildlife considerations in the Michigamme Highlands Management Area consist of managing jack pine habitat with strategies that more closely mimic natural fire disturbance regimes, to increase early successional jack pine management where appropriate while increasing stand size and striving to accommodate many species associated with xeric forest habitat is desirable. Some of the most significant wildlife management issues in the management area are mast (hard and soft); habitat fragmentation; within stand diversity; mature forest condition; mesic conifer; large open land complexes; and early successional forest.

The following have been identified as featured species for the Menominee-Marquette Management Area: Blackburnian Warbler, Black-throated Blue Warbler, Cerulean Warbler, Kirtland's Warbler, Red Crossbill, Black-backed Woodpecker, Spruce Grouse, Ruffed Grouse, Snowshoe Hare, White-tailed Deer, Black Bear.

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of lacustrine (lake) sand and gravel and coarse-textured glacial till in places thin to

discontinuous. The glacial drift thickness varies between 10 and 50 feet or there is insufficient data to determine the thickness. The Precambrian Jacobsville Sandstone and Archean Volcanics subcrop below the glacial drift. The Jacobsville was used as a building stone in the past. Gravel pits are not located in the area, but potential is possible. Section 21 was previously leased for metallic exploration and gold prospects were located in the vicinity. The lands are primarily surface only. There is no economic oil and gas production in the UP.

Vehicle Access:

County Road 550 provides good access to the Northeast portion of the compartment. Smaller two tracks provide further access into the central portions of this compartment.

Survey Needs:

Any needed survey requests will be submitted after treatments are approved.

Recreational Facilities and Opportunities:

The North Country Trail (NCT) provides an excellent and scenic hiking opportunity for both long distance though hikers as well as day hikes. A spur trail leads to the little garlic falls and hosts a NCT primitive camp site. The Little Garlic River is a popular trout stream that gets a considerable amount of use during the spring steelhead run. A parking lot and bathroom facility are located at CR 550 to accommodate these uses.

Fire Protection:

Fire occurrence has been low in this area due to the northern hardwood cover type. Though the bedrock glade areas are more prone to lighting fires. In the event of a wildfire the Ishpeming and Gwinn field stations would respond. Some areas of the compartment are suitable to standard tactics other areas would require hand work and pumps to suppress fires.

Additional Compartment Information:

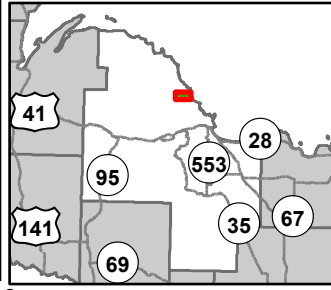
The following reports from the Inventory are attached:

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

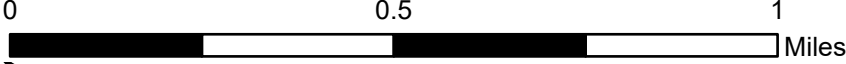
The following information is displayed, where pertinent, on the attached compartment maps:

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

Cover Type & Treatments Map



Compartment: 32203
 T49N, R26W, Sec: 3-5, 9, 10
 County: Marquette
 Unit: Gwinn
 Mgmt Area: Michigamme
 Highlands
 YOE: 2026
 Acres: 1402.8 GIS Calculated
 Examiner: Rick Hill
 Map Revised: 08/14/2024
 Map Phase: Web-Post

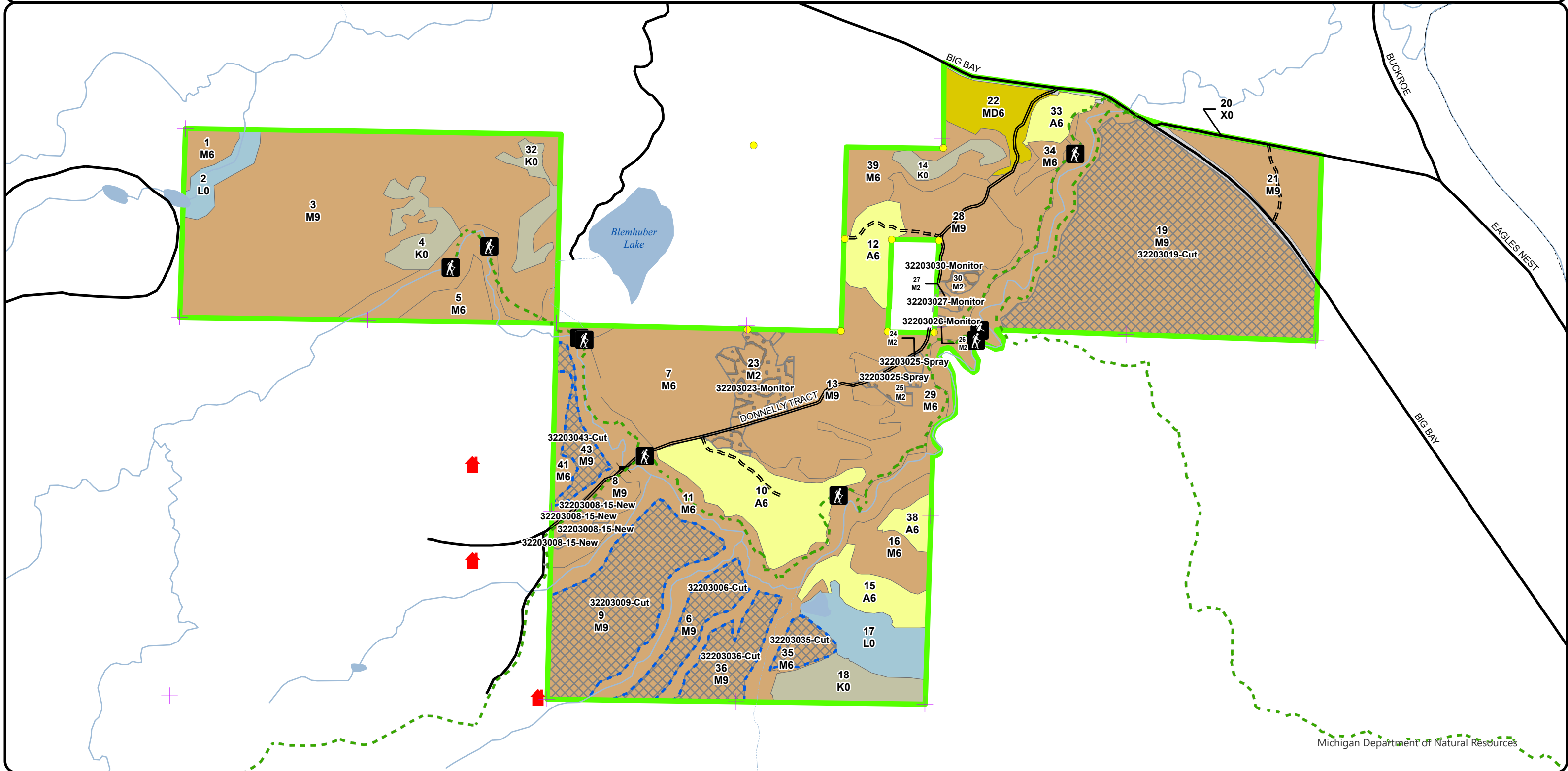


- Cabin
- Bridges
- Survey Grade Corners
- Remonumented Section Corners
- Hiking Trails
- Designated Hiking Pathways
- DNR - Secondary Forest Road

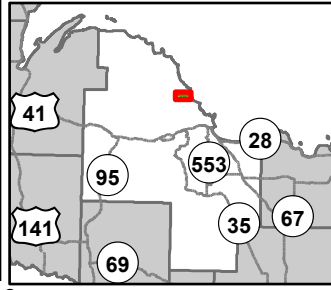
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- Private - Dirt / Gravel Road
- Intermittent Stream
- Lake/Pond
- Perennial River
- Shoreline

- Lakes and Rivers
- Compartment Boundary
- Counties
- Treatments with Site Conditions
- Pesticide
- Selection (Group, Single Tree)
- Clearcut (w/Reserves)

- Regeneration Survey
- 411 - Northern Hardwood
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 110 - Low Intensity Urban
- 622 - Lowland Shrub
- 720 - Exposed Rock



Stand Boundary Map

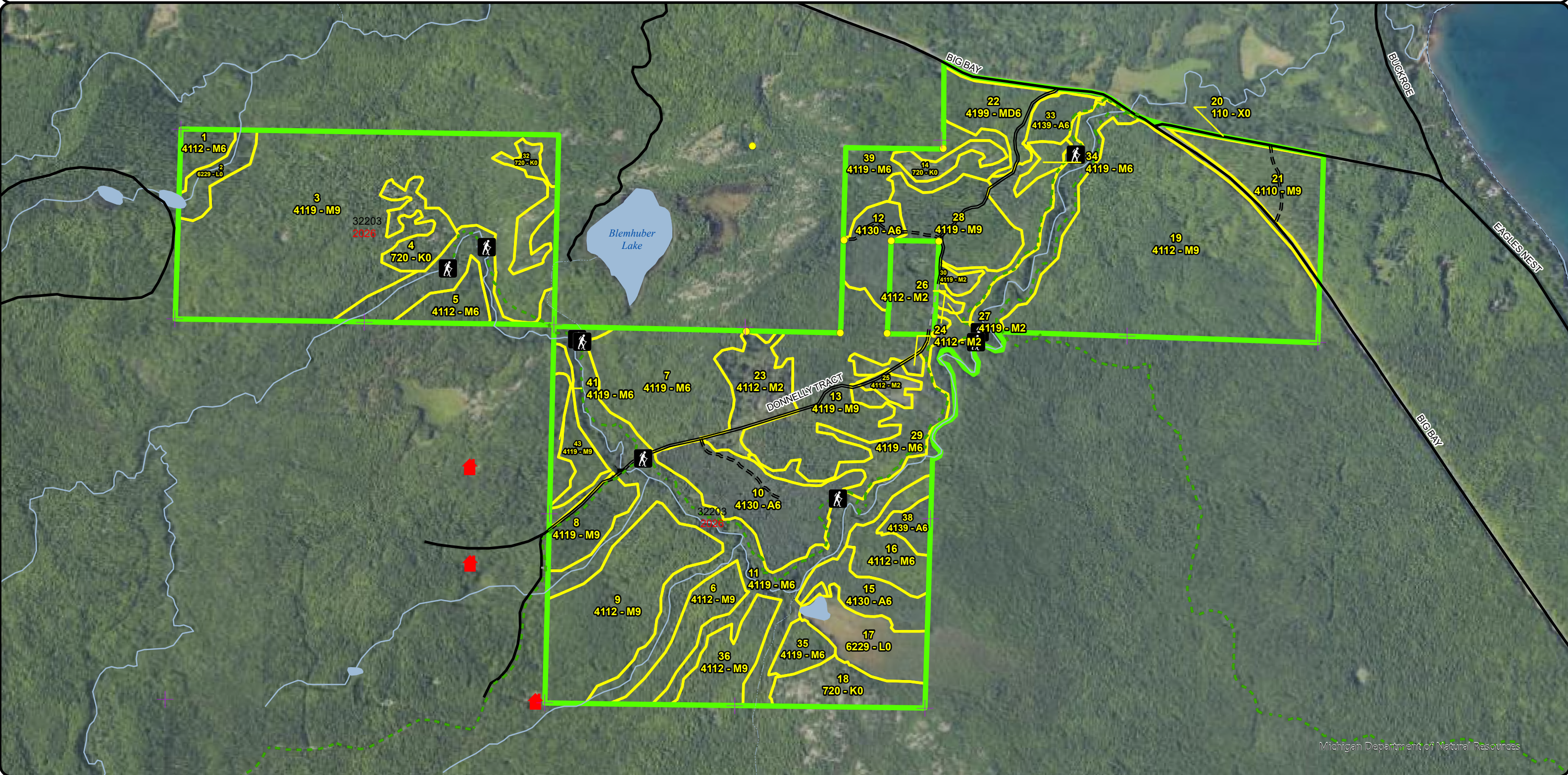
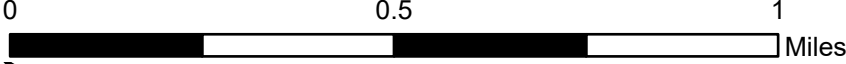


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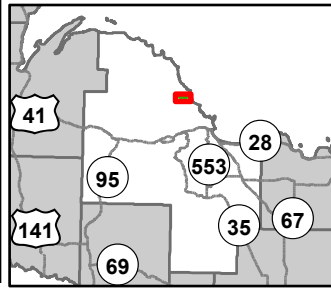
- Cabin
- Bridges
- Survey Grade Corners
- Remonumented Section Corners
- Hiking Trails
- Designated Hiking Pathways

- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- Private - Dirt / Gravel Road
- Intermittent Stream
- Lake/Pond
- Perennial River

- Shoreline
- Lakes and Rivers
- Compartment Boundary
- Counties
- Stand Boundaries
- 419 - Mixed Upland Deciduous
- 110 - Low Intensity Urban
- 622 - Lowland Shrub
- 720 - Exposed Rock
- State Forests
- 411 - Northern Hardwood
- 413 - Aspen Types



**Special Conservation Areas
& Site Conditions Map**



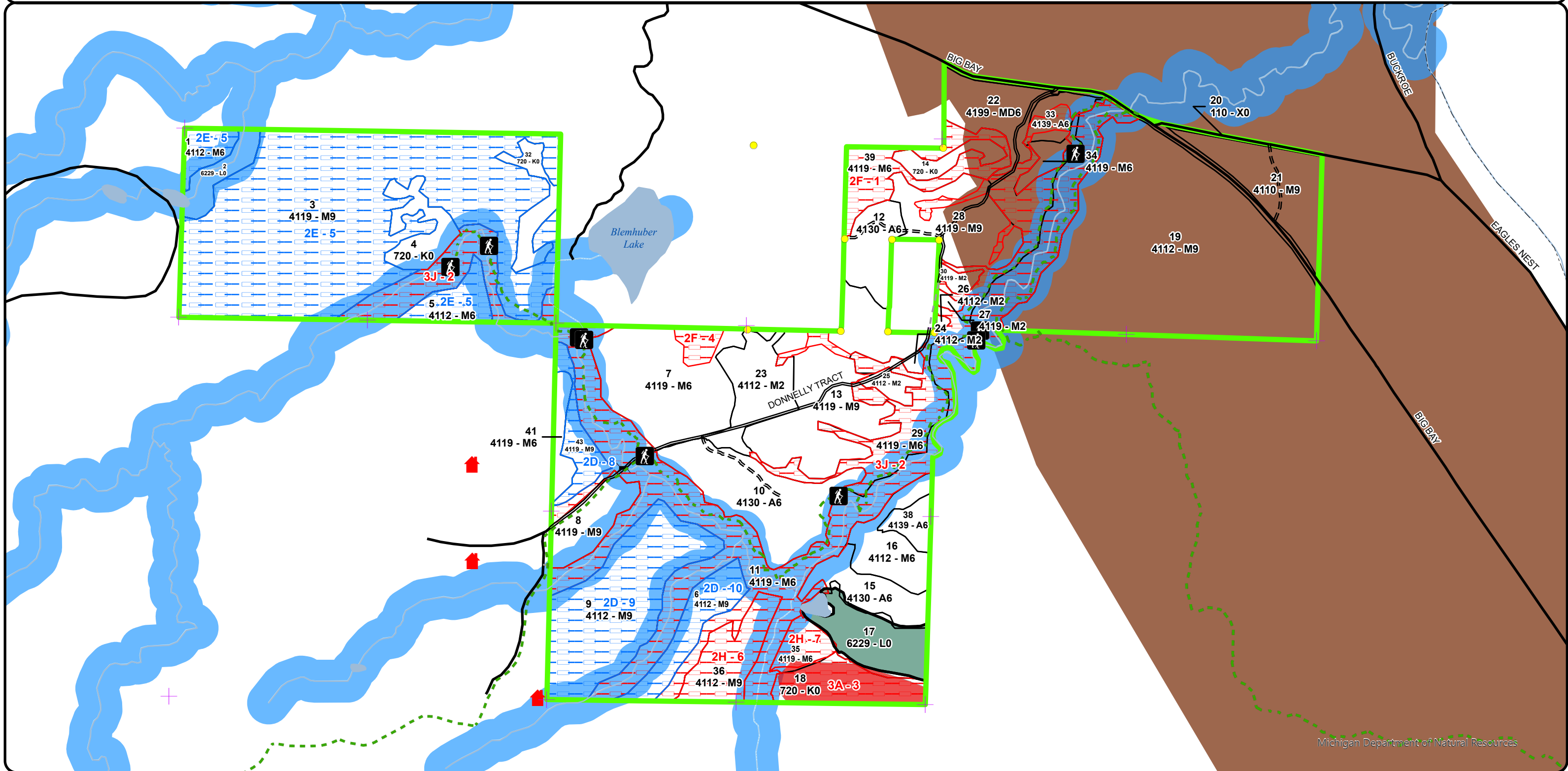
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0 0.5 1
 Miles

- Cabin
- Bridges
- Survey Grade Corners
- Remonumented Section Corners
- Hiking Trails
- Designated Hiking Pathways
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- Private - Dirt / Gravel Road

- Intermittent Stream
- Lake/Pond
- Perennial River
- Shoreline
- Lakes and Rivers
- Compartment Boundary
- Counties
- SCA
- Available w/ Constraints
- Unavailable
- 2D: Portable Bridge Needed (Dept. bridge will be adequate)

- 2E: Road needed
- 2F: Too steep
- 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
- 3A: Conservation Values incompatible with harvest at this time
- 3J: Water quality / BMPs (stream, river, or lake)
- Stand Boundaries
- Ecological Reference Areas
- Cold Water Streams
- High Priority Trout Stream Buffer
- Deer Winter Range
- Vernal Pool



Report 1 – Total Acres by Cover Type and Age Class



Age Class

	Non-Forest	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150+	Unnever-Aged	Total
Aspen	0	0	0	0	106	0	0	0	0	0	0	0	0	0	0	0	0	0	106
Exposed Rock	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60
Lowland Shrub	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40
Mixed Upland Deciduous	0	0	0	0	0	0	23	0	0	0	0	0	0	0	0	0	0	0	23
Northern Hardwood	0	39	0	0	0	0	0	0	107	21	994	0	0	0	0	0	0	0	1161
Urban	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13
Total	113	39	0	0	106	0	23	0	107	21	994	0	0	0	0	0	0	0	1403



Report 2 – Treatment Summary

Gwinn Mgt. Unit

Year of Entry: 2026

Acres of Harvest

Compartment 203

Total Compartment Acres: 1,403

Commercial Harvest - 191
 Harvests with Site Condition - 140
 Next Step Harvest - 0
 Habitat Cut - 3

Cover Type by Harvest Method

		Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Overstory Removal	Salvage	Other	Total Acres
Northern Hardwood		3	331	0	0	0	0	0	0	0	334
	Total	3	331	0	0	0	0	0	0	0	334

Proposed and Next Step Treatments by Method

		Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current		334	0	0	0	0	7	32	0	0	373
Next Step		0	230	390	1	0	351	412	103	0	1486
	Total	334	230	390	1	0	358	443	103	0	1858



Stand	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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Proposed Treatments:

6	32203006-Cut	20.9	4112 - Maple, Beech, Cherry Association	Sawtimber Well	91	111-140	Harvest	Group Selection	411 - Northern Hardwood	Uneven-Aged	No
<p><u>Prescription Specs:</u> Cut using a group selection system. Mark stand to 70 SQ FT using complete marker as a guide. Retain all hemlock and Yellow Birch unless harvest is necessary for operations. Create gaps of .25-.75 acre in areas of advanced regeneration, intolerant species, or areas that look like they will support regeneration. Leave tops in gaps (When marking gaps mark trees with large bushy tops or forks with x's rather than a slash to denote that any material under 8 inches must be left within the gap). Consider planting of oak and white pine if regeneration of gaps fails. Gaps should cover around 10-20 percent of the treatment.</p> <p><u>Next Step Treatments:</u> Monitoring, Natural Regen (Re-Inventory); Planting, Initial Plant; Pesticide, Skidder - Site Prep</p> <p><u>Acceptable Regen:</u> Maple, oak, white pine.</p> <p><u>Other Comment:</u> Road access though Hancock, Keith Beauchamp, Daniel Thill, and Robert Schieler's properties to a two track, if access is denied a road can be built though stand 8. Access will require 2 bridges. Ensure that temporary crossings are located in areas that minimize erosion into streams.</p> <p><u>Site Condition</u> Portable Bridge Needed</p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>											
8	32203008-15-New	2.8	4119 - Mixed Northern Hardwoods	Sawtimber Well	100	81-110	Harvest	Clearcut	411 - Northern Hardwood	Even-Aged	Yes
<p><u>Prescription Specs:</u> Cut gaps of .25-1 acre totaling no more than 3 acres in total. Place gaps in areas that will release advanced regeneration from last harvest. Ensure gaps and skid trails are not placed in areas that will require the harvest of hemlock and yellow birch.</p> <p><u>Next Step Treatments:</u> Monitoring, Natural Regen (Re-Inventory); Planting, Initial Plant; Pesticide, Skidder - Site Prep</p> <p><u>Acceptable Regen:</u> maple, oak, white pine</p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>											
9	32203009-Cut	73.4	4112 - Maple, Beech, Cherry Association	Sawtimber Well	100	111-140	Harvest	Group Selection	411 - Northern Hardwood	Uneven-Aged	No
<p><u>Prescription Specs:</u> Cut using a group selection system. Mark stand to 70 SQ FT using complete marker as a guide. Retain all hemlock and oak unless harvest is necessary for operations. Create gaps of .25-.75 acre in areas of advanced regeneration, intolerant species, or areas that look like they will support regeneration. Leave tops in gaps (When marking gaps mark trees with large bushy tops or forks with x's rather than a slash to denote that any material under 8 inches must be left within the gap). Consider planting of oak and white pine if regeneration of gaps fails. Gaps should cover around 10-20 percent of the treatment.</p> <p><u>Next Step Treatments:</u> Planting, Initial Plant; Pesticide, Skidder - Site Prep; Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Acceptable Regen:</u> Maple, oak, white pine</p> <p><u>Other Comment:</u> Road access though Keith Beauchamp's property to a two track, road will require a temporary bridge. if access is denied a road can be built though stand 8.</p> <p><u>Site Condition</u> Portable Bridge Needed</p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>											



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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19	32203019-Cut	191.1	4112 - Maple, Beech, Cherry Association	Sawtimber Well	100	111-140	Harvest	Single Tree Selection	411 - Northern Hardwood	Even-Aged	No
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Prescription Specs: Cut using a group selection system. Mark stand to 65 SQ FT using complete marker as a guide. Retain All hemlock, white ash, and yellow birch unless harvest is necessary for operations. Due to heavy deer yard use across portions of the stand refrain from using regeneration gaps during harvest. Target reserving 2-5 suitable seed trees per acre these trees should be released to improve crown and overall tree health and be marked so they are protected for long term seed production.

Next Step Treatments: Monitoring, Natural Regen (Re-Inventory); Planting, Unfurrowed; SitePrep, Trenching; Pesticide, Skidder - Site Prep

Acceptable Regen: Maple, basswood, oak, white pine, hemlock, cherry,

Other Comment: Evaluate for gap placement next entry period place gaps at that point in areas with robust advanced regeneration.

Site Condition

Proposed Start Date: 10/1 /2025

23	32203023-Monitor	25.9	4112 - Maple, Beech, Cherry Association	Sapling Medium	4	Immatu re	Monitoring	Natural Regen (Intermediate)	411 - Northern Hardwood	Even-Aged	No
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Prescription Specs: Regeneration seems lacking in areas check in 5 years to see if regeneration has filled in sufficiently stocked more open areas. If they are still large unforested areas use tools in next steps to plant a mix of oak and white pine to boost stocking to acceptable levels.

Next Step Treatments: Planting, Hardwood - Seedling; Other, Pre-Commercial Thinning - Hand; Other, ; Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr); Pesticide, Skidder - Site Prep; SitePrep, Trenching; Planting, Hardwood - Sapling

Acceptable Regen: Oak, white pine, red maple, sugar maple

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2029

25	32203025-Spray	6.9	4112 - Maple, Beech, Cherry Association	Sapling Medium	4	Immatu re	Pesticide	ERROR	411 - Northern Hardwood	Even-Aged	No
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Prescription Specs: Spray for site prep in areas that have failed to regenerate. Not all of the stand will be treated. a drone flight or though walk of the stand will be needed when designating areas to spray. follow up spray with planting of a mix of oak, white pine and other viable species that are available per TMS recommendation to boost stocking to acceptable levels.

Next Step Treatments: Planting, Hardwood - Seedling; Other, Pre-Commercial Thinning - Hand; Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr); Other, ; Pesticide, Hand Application; SitePrep, Trenching; Planting, Hardwood - Sapling

Acceptable Regen: oak, white pine, red maple, sugar maple

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2029



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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26	32203026-Monitor	0.7	4112 - Maple, Beech, Cherry Association	Sapling Medium	4	Immature	Monitoring	Natural Regen (Re-Inventory)	411 - Northern Hardwood	Even-Aged	No
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Prescription Specs: Regen seems lacking in areas check in 5 years to see if regeneration has filled in sufficiently stocked more open areas. If they are still large unforested areas use tools in next steps to plant a mix of oak and white pine.

Next Step Treatments: SitePrep, Trenching; Planting, Hardwood - Seedling; Planting, Hardwood - Sapling; Seeding, Hand Seed; Pesticide, Skidder - Site Prep; Other, Pre-Commercial Thinning - Hand; Other, ; Monitoring, Artificial Regen(1yr); Monitoring, Artificial

Acceptable Regen: maple, aspen, birch, spruce, fir, white pine, oak, hemlock

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2029

27	32203027-Monitor	1.6	4119 - Mixed Northern Hardwoods	Sapling Medium	4	Immature	Monitoring	Natural Regen (Intermediate)	411 - Northern Hardwood	Even-Aged	No
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Prescription Specs: Regen seems lacking in areas check in 5 years to see if regeneration has filled in sufficiently stocked more open areas. If they are still large unforested areas use tools in next steps to plant a mix of oak and white pine.

Next Step Treatments: SitePrep, Trenching; Planting, Hardwood - Seedling; Planting, Hardwood - Sapling; Pesticide, Skidder - Site Prep; Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr); Other, ; Other, Pre-Commercial Thinning - Hand

Acceptable Regen: Maple, oak, spruce, fir, white pine, basswood, birch, aspen

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2028

30	32203030-Monitor	3.6	4119 - Mixed Northern Hardwoods	Sapling Medium	4	Immature	Monitoring	Natural Regen (Intermediate)	411 - Northern Hardwood	Even-Aged	No
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Prescription Specs: Regeneration seems lacking in areas check in 5 years to see if regeneration has filled in sufficiently stocked more open areas. If they are still large unforested areas use tools in next steps to plant a mix of oak and white pine to boost stocking to acceptable levels.

Next Step Treatments: Planting, Hardwood - Seedling; Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr); Other, Pre-Commercial Thinning - Hand; Other, ; SitePrep, Trenching; Pesticide, Skidder - Site Prep; Planting, Hardwood - Sapling

Acceptable Regen: Oak, White pine, red maple

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2028



Standard

Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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35	32203035-Cut	9.1	4119 - Mixed Northern Hardwoods	Poletimber Well	100	111-140	Harvest	Group Selection	411 - Northern Hardwood	Uneven-Aged	No
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Prescription Cut using a group selection system. Mark stand to 80 SQ FT using complete marker as a guide. Retain all hemlock, white pine, and yellow birch unless harvest is necessary for operations. Create gaps of .25-.75 acre in areas of advanced regeneration, intolerant species, or areas that look like they will support regeneration. Leave tops in gaps. (When marking gaps mark trees with large bushy tops or forks with x's rather than a slash to denote that any material under 8 inches must be left within the gap). Consider planting of oak and white pine if regeneration of gaps fails.

Next Step Monitoring, Natural Regen (Intermediate)
Treatments:

Acceptable Mixed northern hardwood
Regen:

Other Road access though Hancock, Keith Beauchamp, Daniel Thill, and Robert Schieler's properties to a two track, if access is denied a road can be built though stand 8. Access will require 4 bridges. Some new roads will be required to enter stand 35, 36. Some careful work will be needed to best site the crossing to minimize effects to riparian area and stream.

Site Condition Blocked by Obstacle

Proposed Start Date: 10/1 /2025

36	32203036-Cut	23.9	4112 - Maple, Beech, Cherry Association	Sawtimber Well	100	111-140	Harvest	Group Selection	411 - Northern Hardwood	Uneven-Aged	No
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Prescription Cut using a group selection system. Mark stand to 80 SQ FT using complete marker as a guide. Retain all hemlock, white pine, and yellow birch unless harvest is necessary for operations. Create gaps of .25-.75 acre in areas of advanced regeneration, intolerant species, or areas that look like they will support regeneration. Leave tops in gaps. (When marking gaps mark trees with large bushy tops or forks with x's rather than a slash to denote that any material under 8 inches must be left within the gap). Consider planting of oak and white pine if regeneration of gaps fails.

Next Step Monitoring, Natural Regen (Re-Inventory); Planting, Initial Plant; Pesticide, Skidder - Site Prep
Treatments:

Acceptable Maple, oak, white pine
Regen:

Other Road access though Hancock, Keith Beauchamp, Daniel Thill, and Robert Schieler's properties to a two track. Some road building Though
Comment: Hancock may be needed. access from stand 6 is likely not possible due to topo and erosion risks to water quality.

Site Condition Blocked by Obstacle

Proposed Start Date: 10/1 /2025

43	32203043-Cut	12.9	4119 - Mixed Northern Hardwoods	Sawtimber Well	100	111-140	Harvest	Group Selection	411 - Northern Hardwood	Uneven-Aged	No
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Prescription Cut using a group selection system. Mark stand to 70 SQ FT using complete marker as a guide. Retain all hemlock, oak, white ash, and yellow birch unless harvest is necessary for operations. Create gaps of .25-.75 acre in areas of advanced regeneration, intolerant species, or areas that look like they will support regeneration. Leave tops in gaps (When marking gaps mark trees with large bushy tops or forks with x's rather than a slash to denote that any material under 8 inches must be left within the gap). Consider planting of oak and white pine if regeneration of gaps fails. Gaps should cover around 10-20 percent of the treatment.

Next Step Other, Pre-Commercial Thinning - Hand; Other, ; Monitoring, Natural Regen (Intermediate)
Treatments:

Acceptable Mixed northern hardwood
Regen:

Other Access will require a new road with a temporary bridge.
Comment:

Site Condition Portable Bridge Needed

Proposed Start Date: 10/1 /2025

Total Treatment 372.8
Acreage Proposed:

Report 4 – Site Conditions

Gwinn Mgt. Unit
Rick Hill : Examiner

Compartment: 203
Year of Entry: 2026

Availability for Management

Total	Acres	Acres Avail	Acres
Acres	Available	With Condition	Not Available

Dominant Site Conditions

	Availability for Management			Dominant Site Conditions						
	Acres	Available	With Condition	2D	2E	2F	2H	3A	3J	
106	102	0	4	Aspen						4
60	37	0	23	Exposed Rock				23		
40	40	0	0	Lowland Shrub						
23	23	0	0	Mixed Upland Deciduous						0
1161	476	357	328	Northern Hardwood	107	250	33	33	1	261
13	13	0	0	Urban						
1,403	691	357	355	Total Forested Acres	107	250	33	33	24	265
	49%	25%	25%	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	2F: Too steep	27	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
2	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	265	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
3	Unavailable	3A: Conservation Values incompatible with harvest at this time	24	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
4	Unavailable	2F: Too steep	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Gwinn Mgt. Unit
Rick Hill : Examiner

Compartment: 203
Year of Entry: 2026

5	Available	2E: Road needed	250	2B: Unknown if access through adjacent landowner(s) is possible	Unspecified	Unspecified	Unspecified
Comments:							
6	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	24	2E: Road needed	2D: Portable Bridge Needed (Dept. bridge will be adequate)	Unspecified	Unspecified
Comments: Crossing is not likely to be possible without extensive dirt work in riparian area which will hurt water quality.							
7	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	9	2E: Road needed	2D: Portable Bridge Needed (Dept. bridge will be adequate)	Unspecified	Unspecified
Comments: Crossing is not likely to be possible without extensive dirt work in riparian area which will hurt water quality.							
8	Available	2D: Portable Bridge Needed (Dept. bridge will be adequate)	13	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
9	Available	2D: Portable Bridge Needed (Dept. bridge will be adequate)	73	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Gwinn Mgt. Unit
Rick Hill : Examiner

Compartment: 203
Year of Entry: 2026

10	Available	2D: Portable Bridge Needed (Dept. bridge will be adequate)	21	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Mgt. Unit

Compartment: #Type!

Year of Entry:



Report 5 – PROPOSED SPECIAL CONSERVATION AREA* (SCA) DETAILS

* This is a partial list of SCAs for this compartment. Not included are those areas identified under other Department initiatives (Natural Rivers, Deer Wintering Areas, etc.). Those will be identified in separate, future map and report products.

SCA Name	SCA Category	Detail Type	Recommendation	Acres
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Comments



Report 6 – EXISTING SPECIAL CONSERVATION AREA DETAILS

* This is a list of SCA's for this compartment along with a 1/4 mile buffer surrounding the compartment. Refer to the Special Conservation Area Map for locations of the below listed Conservation Areas.

ERA = Ecological Reference Area
HCVA = High Conservation Value Area
SCA = Special Conservation Area

Conservation Area	Type	Description
SCA	Cold Water Lake	A coldwater lake has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species to persist from year to year. Suitable conditions for coldwater fishes may occur in Michigan lakes if they are relatively deep, have substantial groundwater inflows, or are located in colder (northern) areas of the state. Such lakes are established by Director's action and designated as trout resources by Fisheries Order 200.
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species (e.g., slimy sculpin) to persist from year to year. Coldwater streams in Michigan typically provide these conditions due to substantial contributions of groundwater to their stream flows. Such streams are established by Director's action and designated as trout resources by Fisheries Order 210.
SCA	Habitat Area	An area that provide some specific need for the life cycle of wildlife species, including State Wildlife Areas and Waterfowl Production Areas, deer wintering complexes in lowland conifer communities, grassland openings and savannas. Habitat areas are distinct from critical habitat designated for recovery of endangered or threatened species (such as Kirtland's warbler or piping plover areas) in that they are more general in nature, are not primarily associated with threatened or endangered species, and are not covered by species recovery plans that are developed in cooperation with Federal agencies.
SCA	Riparian Area	A transitional area between aquatic and terrestrial ecosystems in which the terrestrial ecosystem influences the aquatic ecosystem and vice-versa. Because of the unique conditions adjacent to lakes, streams and open water wetlands, riparian areas harbor a high diversity of plants and wildlife. Riparian communities are ecologically and socially significant in their effects on water quality and quantity, as well as aesthetics, habitat, bank stability, timber production, and their contribution to overall biodiversity.
ERA	Ecological Reference Areas	Ecological Reference Areas (ERAs) are high quality examples of natural communities that have been identified as Element Occurrences (EOs) by the Michigan Natural Features Inventory (MNFI) within the context of their natural community classification system. Element Occurrences with viability ranks of A (Excellent) or B (Good) and a Global (G) or State (S) element (rarity) ranking of endangered (1), threatened (2), or rare (3) serve as an initial base of ERAs. They may be located upon any ownership in the State. The system is comprised of individual or associations of natural community types that are managed for restoration and maintenance of natural ecological processes and values. The public may submit recommendations for lands as ERAs using the DNR Conservation Area Recommendation Form.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																															
1	4112 - Maple, Beech, Cherry Association	Poletimber Well	9.0	100	111-140	N/A	The only management access available for this stand is though adjacent private land.																																															
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3	4119 - Mixed Northern Hardwoods	Sawtimber Well	227.7	100	111-140	N/A	Stand is quite steep in areas, with thin soils and exposed bed rock in scattered throughout. the stand also has drainages and wet areas mixed in. Quality varies depending on soil depth and moisture availability, with some areas being sugar maple log dominated to others being red maple and oak dominated.																																															
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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6	4112 - Maple, Beech, Cherry Association	Sawtimber Well	20.9	91	111-140	N/A			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Spruce		2	Log/Pole	10		Northern White Cedar	Low	>20 feet	Pole
White Pine		2	Log	14		Black Ash	Low	10 - 20 feet	Sapling
Balsam Fir		2	Pole	7		Sugar Maple	Medium	10 - 20 feet	Sapling
Sugar Maple		46	Log/Pole	12	91	Hemlock	Low	5 - 10 feet	Sapling
Yellow Birch		6	Log/Pole	10		Red Maple	Low	10 - 20 feet	Sapling
Hemlock		5	Log/Pole	13		Tag Alder	Low	5 - 10 feet	Tall Shrub
Red Maple		35	Log/Pole	12	100	Balsam Fir	Low	10 - 20 feet	Sapling
Quaking Aspen		2	Log/Pole	10					

7	4119 - Mixed Northern Hardwoods	Poletimber Well	63.0	100	81-110	N/A	Stand is quite steep in areas, with thin soils and exposed bed rock in scattered throughout. the stand also has drainages and wet areas mixed in. Quality varies depending on soil depth and moisture availability, with some areas being sugar maple log dominated to others being red maple and oak dominated.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Spruce		3	Pole	8		Red Maple	Low	10 - 20 feet	Sapling
Northern White Cedar		2	Pole	8		Balsam Fir	Low	10 - 20 feet	Sapling
Sugar Maple		10	Pole	7		Red Oak	Low	5 - 10 feet	Sapling
Red Maple		68	Pole/Log	8	100				
Red Oak		10	Pole/Log	10					
Balsam Fir		7	Pole	6					

8	4119 - Mixed Northern Hardwoods	Sawtimber Well	18.9	100	81-110	N/A	Selectively harvested in 1999: TS# 22-96-01.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Yellow Birch		7	Pole/Log	9		Balsam Fir	Low	10 - 20 feet	Sapling
Red Maple		25	Pole/Log	9		Red Maple	Low	5 - 10 feet	Sapling
Sugar Maple		50	Pole/Log	9	100	Sugar Maple	Medium	5 - 10 feet	Sapling
Hemlock		10	Log/Pole	13		Hemlock	Low	10 - 20 feet	Sapling
Quaking Aspen		3	Log	12					
White Ash		5	Pole/Log	9					

9	4112 - Maple, Beech, Cherry Association	Sawtimber Well	73.4	100	111-140	N/A	Selectively harvested in 1999: TS# 22-96-01.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple		25	Log/Pole	12		Red Maple	Low	5 - 10 feet	Sapling
Sugar Maple		60	Log/Pole	12	100	Hemlock	Low	10 - 20 feet	Sapling
Quaking Aspen		3	Pole/Log	10		Sugar Maple	Medium	5 - 10 feet	Sapling
Hemlock		7	Log/Pole	13		Balsam Fir	Low	10 - 20 feet	Sapling
Red Oak		5	Log/Pole	12					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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10	4130 - Aspen	Poletimber Well	49.5	35	81-110	N/A	Harvested in 1989: TS# 4-87.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Oak	4	Log	10		Sugar Maple	Low	10 - 20 feet	Sapling
Quaking Aspen	78	Pole/Sapling	6	35	Balsam Fir	Low	10 - 20 feet	Sapling
Bigtooth Aspen	3	Pole/Sapling	6		Red Maple	Medium	10 - 20 feet	Sapling
Balsam Fir	6	Sapling	3					
Sugar Maple	5	Sapling	3					
Red Maple	4	Sapling	3					

11	4119 - Mixed Northern Hardwoods	Poletimber Well	193.9	100	111-140	N/A	Stand is made up of Little Garlic River, and Tributary's as well as vegetated buffer. Tree composition of the buffer varies some but is primarily northern hardwood with some low drainages entering the rivers as well. The North Country Trail (NCT) is located within the stand on both sides of the river in areas. A NCT campsite is located within the stand as well. If funding or the opportunity arises work could be done to improve water management on the Trail to reduce erosion. Work including armoring and/or bridge crossings of creeks or seasonal drainages would also be quite beneficial.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	2	Pole	7		Red Maple	Low	10 - 20 feet	Sapling
White Spruce	5	Pole	9		Northern White Cedar	Low	>20 feet	Pole
Yellow Birch	6	Pole/Log	9		Black Ash	Low	10 - 20 feet	Sapling
Black Ash	2	Pole	7		Tag Alder	Low	5 - 10 feet	Tall Shrub
Sugar Maple	25	Pole/Log	9		Balsam Fir	Low	10 - 20 feet	Sapling
White Pine	3	Log	14		Hemlock	Low	5 - 10 feet	Sapling
White Ash	5	Pole/Log	9		Sugar Maple	Medium	10 - 20 feet	Sapling
Red Maple	35	Pole/Log	9	100				
Hemlock	10	Log/Pole	13					
Northern White Cedar	3	Pole	8					
Quaking Aspen	4	Pole	10					

12	4130 - Aspen	Poletimber Well	19.0	35	81-110	N/A	Harvested in 1989: TS# 5-87.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen	83	Pole/Sapling	5	35	Sugar Maple	Low	10 - 20 feet	Sapling
Balsam Fir	2	Pole	5		Red Maple	Low	10 - 20 feet	Sapling
Red Oak	15	Pole/Log	10		Balsam Fir	Low	10 - 20 feet	Sapling

13	4119 - Mixed Northern Hardwoods	Sawtimber Well	70.9	86	81-110	N/A	Cut by Minerick Logging in 2019-2021 during early springs. cut under 32-102-16 Donnelly Tract Hardwood. Stand is not displaying thick regeneration this be due to proximity to deer wintering areas.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Yellow Birch	5	Pole/Log	9		Ironwood	Low	10 - 20 feet	Sapling
Red Maple	35	Log/Pole	10	86	Hemlock	Low	10 - 20 feet	Sapling
Paper Birch	2	Pole/Log	10		Sugar Maple	Low	10 - 20 feet	Sapling
Basswood	8	Pole/Log	10		Red Maple	Low	10 - 20 feet	Sapling
Red Oak	10	Log/Pole	13		Balsam Fir	Low	10 - 20 feet	Sapling
White Ash	3	Pole/Log	10					
Sugar Maple	30	Log/Pole	12					
Hemlock	5	Log/Pole	14					
Quaking Aspen	2	Pole	10					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																							
14	720 - Exposed Rock	Nonstocked	8.5		Unspecified	No																																								
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15	4130 - Aspen	Poletimber Well	19.9	36	81-110	N/A	Stand regenerated following wind throw event in 1988.																																							
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16	4112 - Maple, Beech, Cherry Association	Poletimber Well	21.6	100	81-110	N/A	Stand suffered moderate to heavy wind throw in 1988.																																							
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17	6229 - Mixed lowland shrub	Nonstocked	27.9		Unspecified	No																																								
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18	720 - Exposed Rock	Nonstocked	23.2		Unspecified	No																																								
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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19	4112 - Maple, Beech, Cherry Association	Sawtimber Well	191.1	100	111-140	N/A	Stand has been subject to several treatments from 1988 to 2003. Area suffered moderate wind throw in 1988.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Hemlock		10	Log/Pole	14		Sugar Maple		Medium	10 - 20 feet	Sapling
Sugar Maple		45	Log/Pole	12	100	Red Maple		Medium	10 - 20 feet	Sapling
White Spruce		3	Log/Pole/Sap	10		Balsam Fir		Low	10 - 20 feet	Sapling
White Ash		2	Pole/Log	8						
Yellow Birch		5	Log/Pole	14						
Red Maple		35	Log/Pole	12						

20	110 - Low Intensity Urban	Nonstocked	12.6		Unspecified	No	
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21	4110 - Sugar Maple Association	Sawtimber Well	34.6	100	81-110	N/A	Cut under Eagles Nest hrdwd (3212316) by Minerick Logging. Regeneration from harvest is lacking with a thick sedge layer in stand.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Basswood		8	Log/Pole	14		Northern White Cedar		Low	>20 feet	Pole
Hemlock		5	Log/Pole	12		Sugar Maple		Low	10 - 20 feet	Sapling
Red Maple		10	Log/Pole	12		Hemlock		Low	>20 feet	Pole
Sugar Maple		75	Log/Pole	12	100					
Yellow Birch		2	Log/Pole	10						

22	4199 - Other Mixed Upland Deciduous	Poletimber Well	23.3	61	81-110	N/A	Stand is quite steep, with thin soils and exposed bed rock in areas. the stand also has drainages and wet areas mixed in. the bulk of the stand is not suited to uneven age management.			
Canopy Species		% Cover	Size Class	DBH	Age					
Balsam Fir		5	Pole	8						
Quaking Aspen		10	Log/Pole	10						
Red Oak		15	Log/Pole	12						
Yellow Birch		5	Pole	8						
Sugar Maple		35	Pole	8	61					
Black Ash		5	Pole	8						
Paper Birch		5	Log/Pole	10						
Red Maple		15	Log/Pole	12						
Bigtooth Aspen		5	Log/Pole	10						

23	4112 - Maple, Beech, Cherry Association	Sapling Medium	25.9	4	Immature	N/A	Site is coming back somewhat spotty due to original tree make up and browsing. Open areas should be treated with herbicide and then planted to oak and white pine. Consider a pre commercial treatment to pick quality stems in red maple and sugar maple sprouts. Cut by Minerick Logging in 2019-2021 during early springs. cut under 32-102-16 Donnelly Tract Hardwood.			
Canopy Species		% Cover	Size Class	DBH	Age					
Sugar Maple		25	Sapling	1						
Red Maple		45	Sapling	1	4					
Balsam Fir		5	Sapling	1						
Black Cherry		10	Sapling	1						
Hemlock		15	Log	14						



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																								
24	4112 - Maple, Beech, Cherry Association	Sapling Medium	1.6	4	Immature	N/A	Site is coming back somewhat spotty due to original tree make up and browsing. Open areas should be treated with herbicide and then planted to oak and white pine. Consider a pre commercial treatment to pick quality stems in red maple and sugar maple sprouts. Cut by Minerick Logging in 2019-2021 during early springs. cut under 32-102-16 Donnelly Tract Hardwood.																																								
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25	4112 - Maple, Beech, Cherry Association	Sapling Medium	5.3	4	Immature	N/A	Site is coming back somewhat spotty due to original tree make up and browsing. Open areas should be treated with herbicide and then planted to oak and white pine. Consider a pre commercial treatment to pick quality stems in red maple and sugar maple sprouts. Cut by Minerick Logging in 2019-2021 during early springs. cut under 32-102-16 Donnelly Tract Hardwood.																																								
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Hemlock	2	Log/Pole	12																																												
26	4112 - Maple, Beech, Cherry Association	Sapling Medium	0.7	4	Immature	N/A	Site is coming back somewhat spotty due to original tree make up and browsing. Open areas should be treated with herbicide and then planted to oak and white pine. Consider a pre commercial treatment to pick quality stems in red maple and sugar maple sprouts. Cut by Minerick Logging in 2019-2021 during early springs. cut under 32-102-16 Donnelly Tract Hardwood.																																								
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Hemlock	4	Log	12																																												
27	4119 - Mixed Northern Hardwoods	Sapling Medium	1.6	4	Immature	N/A	Site is coming back somewhat spotty due to original tree make up and browsing. Open areas should be treated with herbicide and then planted to oak and white pine. Consider a pre commercial treatment to pick quality stems in red maple and sugar maple sprouts. Cut by Minerick Logging in 2019-2021 during early springs. cut under 32-102-16 Donnelly Tract Hardwood.																																								
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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28	4119 - Mixed Northern Hardwoods	Sawtimber Well	36.3	81	81-110	N/A	Cut by Minerick Logging in 2019-2021 during early springs. cut under 32-102-16 Donnelly Tract Hardwood. Hardwood regeneration is not present as of yet likely due to this stand being utilized as a winter deer yarding area.				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	
White Ash		3	Pole/Log	10		Sugar Maple		Low	10 - 20 feet	Sapling	
Quaking Aspen		2	Pole	10		Red Maple		Low	10 - 20 feet	Sapling	
Red Oak		15	Log/Pole	13		Ironwood		Low	10 - 20 feet	Sapling	
Basswood		8	Pole/Log	10		Balsam Fir		Low	10 - 20 feet	Sapling	
Red Maple		35	Log/Pole	12	81	Hemlock		Low	10 - 20 feet	Sapling	
Paper Birch		2	Pole/Log	10							
Yellow Birch		5	Pole/Log	9							
Sugar Maple		25	Log/Pole	12							
Hemlock		5	Log/Pole	14							

29	4119 - Mixed Northern Hardwoods	Poletimber Well	59.9	100	81-110	N/A	This stand is a mix of upland and some low areas, it has a number of seasonal drainages that flow off the highlands south to the Little Garlic River. The drainages and wet areas were excluded from the harvests done in in the 2015 year of entry. These areas are not conducive to active management due to their value to water quality.				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	
Basswood		8	Log	14		Hemlock		Low	10 - 20 feet	Sapling	
Balsam Fir		6	Pole	8		Balsam Fir		Medium	10 - 20 feet	Sapling	
White Ash		3	Pole/Log	10		Ironwood		Low	10 - 20 feet	Sapling	
Northern White Cedar		2	Sapling	8		Sugar Maple		Medium	10 - 20 feet	Sapling	
Red Oak		5	Log/Pole	14		Red Maple		Medium	10 - 20 feet	Sapling	
Paper Birch		2	Pole/Log	10							
Red Maple		30	Log/Pole	12	100						
Black Ash		3	Log/Pole	10							
Yellow Birch		5	Log/Pole	12							
Bigtooth Aspen		3	Log	10							
Sugar Maple		25	Log/Pole	12							
Hemlock		5	Log/Pole	14							
Quaking Aspen		3	Log/Pole	10							

30	4119 - Mixed Northern Hardwoods	Sapling Medium	3.6	4	Immature	N/A	Site is coming back somewhat spotty due to original tree make up and browsing. Open areas should be treated with herbicide and then planted to oak and white pine. Consider a pre commercial treatment to pick quality stems in red maple and sugar maple sprouts. Cut by Minerick Logging in 2019-2021 during early springs. cut under 32-102-16 Donnelly Tract Hardwood.	
Canopy Species		% Cover	Size Class	DBH	Age			
Balsam Fir		5	Sapling	1				
Quaking Aspen		15	Sapling	1				
Hemlock		5	Log	10				
Red Maple		60	Sapling	1	4			
Sugar Maple		15	Sapling	1				



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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32 720 - Exposed Rock Nonstocked 12.4 Unspecified No

Sub-Canopy Species	Density	Avg. Height	Size
Red Oak	Medium		Pole
Bigtooth Aspen	Low		Pole
Red Maple	Low		Pole
Pin Cherry	Low		Tall Shrub

33 4139 - Aspen, Mixed Deciduous Poletimber Well 10.1 36 51-80 N/A

Canopy Species	% Cover	Size Class	DBH	Age
Quaking Aspen	41	Pole	8	36
Balsam Fir	5	Pole	8	
Bigtooth Aspen	15	Pole	8	
Red Maple	10	Pole	8	
Paper Birch	5	Log/Pole	10	
Sugar Maple	10	Pole	8	
Black Ash	6	Pole	8	
Yellow Birch	5	Pole	8	
Red Oak	3	Log/Pole	12	

34 4119 - Mixed Northern Hardwoods Poletimber Well 5.5 100 81-110 N/A

Canopy Species	% Cover	Size Class	DBH	Age
Red Oak	15	Log/Pole	12	
Red Maple	15	Log/Pole	12	
Sugar Maple	50	Pole	8	100
Yellow Birch	5	Pole	8	
Quaking Aspen	5	Log/Pole	10	
Balsam Fir	5	Pole	8	
Paper Birch	5	Log/Pole	10	

35 4119 - Mixed Northern Hardwoods Poletimber Well 9.9 100 111-140 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine	2	Log	14		Balsam Fir	Low	10 - 20 feet	Sapling
Hemlock	2	Log/Pole	14		Sugar Maple	Medium	10 - 20 feet	Sapling
Red Maple	53	Log/Pole	10	100	Hemlock	Low	5 - 10 feet	Sapling
Sugar Maple	25	Log/Pole	10		Red Maple	Low	10 - 20 feet	Sapling
Yellow Birch	2	Pole/Log	9					
Balsam Fir	2	Pole	7					
White Spruce	2	Pole	9					
Quaking Aspen	12	Log/Pole	14					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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36 4112 - Maple, Beech, Cherry Association Sawtimber Well 23.9 100 111-140 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine	2	Log	14		Balsam Fir	Low	10 - 20 feet	Sapling
Sugar Maple	30	Log/Pole	12		Red Maple	Low	10 - 20 feet	Sapling
Red Oak	2	Log/Pole	14		Sugar Maple	Medium	10 - 20 feet	Sapling
Yellow Birch	2	Log/Pole	12					
Red Maple	53	Log/Pole	13	100				
Quaking Aspen	2	Log/Pole	10					
Hemlock	5	Log/Pole	13					
White Spruce	2	Log/Pole	10					
Balsam Fir	2	Pole	7					

38 4139 - Aspen, Mixed Deciduous Poletimber Well 7.6 36 81-110 N/A Stand suffered moderate to heavy wind throw in 1988.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	10	Pole/Sapling	7		Bigtooth Aspen	Medium	5 - 10 feet	Sapling
Bigtooth Aspen	10	Pole/Sapling	7		Balsam Fir	Low	5 - 10 feet	Sapling
Quaking Aspen	35	Pole/Sapling	7	36	Red Maple	Medium	10 - 20 feet	Sapling
Paper Birch	5	Pole/Sapling	7		Sugar Maple	High	10 - 20 feet	Sapling
Sugar Maple	15	Pole/Sapling	7					
Red Maple	20	Pole/Sapling	7					
Yellow Birch	5	Pole/Sapling	7					

39 4119 - Mixed Northern Hardwoods Poletimber Well 27.1 100 51-80 N/A Stand is quite steep, with thin soils and exposed bed rock in areas.

Canopy Species	% Cover	Size Class	DBH	Age
Balsam Fir	5	Pole	8	
Yellow Birch	5	Pole	8	
Quaking Aspen	5	Log/Pole	10	
Red Oak	15	Log/Pole	12	
Red Maple	15	Log/Pole	12	
Sugar Maple	50	Pole	8	100
Paper Birch	5	Log/Pole	10	

41 4119 - Mixed Northern Hardwoods Poletimber Well 8.4 100 81-110 N/A Stand is quite steep, with thin soils and exposed bed rock in areas. the stand also has drainages and wet areas mixed in. the bulk of the stand is not suited to uneven age management.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Ash	5	Pole/Log	9		Sugar Maple	Medium	5 - 10 feet	Sapling
Sugar Maple	50	Pole/Log	9	100	Red Maple	Low	5 - 10 feet	Sapling
Hemlock	10	Log/Pole	13		Balsam Fir	Low	10 - 20 feet	Sapling
Yellow Birch	7	Pole/Log	9		Hemlock	Low	10 - 20 feet	Sapling
Red Maple	25	Pole/Log	9					
Quaking Aspen	3	Log	12					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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43 4119 - Mixed Northern Hardwoods Sawtimber Well 12.9 100 111-140 N/A Stand requires a bridge for management access.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen	3	Log	12		Red Maple	Low	5 - 10 feet	Sapling
Yellow Birch	7	Pole/Log	9		Sugar Maple	Medium	5 - 10 feet	Sapling
Red Oak	5	Log/Pole	12		Hemlock	Low	10 - 20 feet	Sapling
White Ash	2	Pole/Log	9		Balsam Fir	Low	10 - 20 feet	Sapling
Red Maple	35	Pole/Log	9					
Sugar Maple	43	Pole/Log	9	100				
Hemlock	5	Log/Pole	13					