



Compartment Review Presentation

Newberry Forest Management Unit

Compartment 42027

Entry Year 2025

Acreage: 2,713

County Luce

Management Area: Grand Marais Moraine Complex

Stand Examiner: Lester Livermore

Legal Description:

T49N-R10W Sec. 25-28, 32-36

Identified Planning Goals:

Wildlife and timber are the main uses of this area. The goal is to manage for both of these simultaneously and to provide, enhance and perpetuate their uses.

Soil and topography:

The compartment is situated on an outwash plain where the soils are a complex of sandy soils mixed with lowlands. There are lowlands that remain wet throughout the year as well as marshy areas that are only seasonably wet. The topography is variable throughout the compartment area where sand ridges vary from subtle to steep with numerous lowland pockets mixed throughout. The upland soils are mostly sandy and consist of Rubicon, Wallace, Paquin and Finch soil types while the lowland types are Spot, Dawson and Carbondale.

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

Contiguous ownership within the compartment which is surrounded by State land in the northeast. Private ownership borders the compartment on the northwest, west and south sides. Primary uses within the compartment are timber production and wildlife habitat.

Unique Natural Features:

No unique natural features known.

Archeological, Historical, and Cultural Features:

No Archeological, Historical, or Cultural Features known.

Special Management Designations or Considerations:

No Special Management Designations

Watershed and Fisheries Considerations:

ELSMU-Cory Kovacs

Waterbodies associated with this compartment are Wabash Creek and an assortment of small ponds. Wabash Creek is a cold transitional stream with a predicted mean July temperature of 57.7°F and is listed as a designated Type 1 trout stream, less than 50-ft in width. No fisheries surveys for Wabash Creek are on file. In riparian areas along Wabash Creek susceptible to aspen regeneration, 300-ft buffers are recommended. For areas not susceptible to aspen regeneration, 100-ft plus 5' per 1% increase in slope; buffers are recommended to protect these areas in accordance with Best Management Practices. Limiting sediment and nutrient input to the stream will still benefit the Two Hearted River, which is downstream of this compartment a short distance.

Wildlife Habitat Considerations:

This compartment is located in the Grand Marais Sandy End Moraine and Outwash ecological sub-subsection. The compartment has excellent vegetative diversity with a large component of white pine, substantial amounts of aspen, jack pine, and upland hardwoods throughout, and a marsh and bog component. This compartment appears to have less red and jack pine than occurred during presettlement times and an increase in hardwoods, aspen, and white pine.

Hard and soft mast producing species will be maintained and enhanced in managed stands for a wildlife food source and structural diversity. Large snags are plentiful and will provide a good source of coarse woody debris and wildlife den and nest trees. Hemlock, red, and white pine will be left in harvested stands to promote structural and habitat diversity of stands. Wildlife travel corridors in this compartment should be abundant. Wildlife featured species in this management area include blackburnian and black throated blue warbler, spruce and sharp-tailed grouse, snowshoe hare, black bear, American marten, piping plover, Kirtland's warbler, black-backed woodpecker, and red crossbill.

Mineral Resource and Development Concerns and/or Restrictions

No known potential exists for commercial oil & gas production in this part of the state, and there is no known potential for metallic minerals in this area. The nearest known active sand/gravel pit is less than two miles northwest. Much of the

compartment is covered by wetlands. The best potential for sand & gravel appears to be on the uplands in the east half of the compartment, but the compartment might be too far from populated areas (commercial markets) for any aggregate resources present to have much economic value beyond limited use by the county road commission, logging companies, or DNR for local road maintenance. No current State mineral leasing activity exists in the area. The State does not own all the mineral rights within the compartment. Because the mineral estate is the dominant estate, the surface owner must provide the owner of the mineral rights reasonable access to the surface for mineral exploration and development.

Vehicle Access:

The compartment is located in northern Luce County and can be accessed via County Road 414. The compartment is bordered on the north side by County Road 414, Chris Brown Lake Road and Shamrock Road. There are several small two tracks within the compartment as well as old abandoned logging roads.

Survey Needs:

None at this time.

Recreational Facilities and Opportunities:

There are no developed recreation facilities within this compartment. Recreation opportunities are predominately hunting and wildlife viewing.

Fire Protection:

Diversity in cover types within the compartment reduce the likelihood of large fire runs. Lowland marsh/pond complexes limit wheeled equipment use in those areas.

Additional Compartment Information:

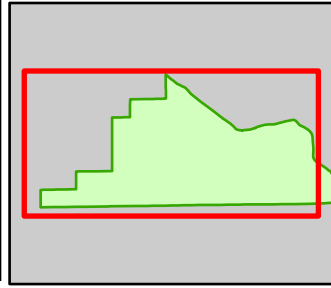
The following reports from the Inventory are attached:

- 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**

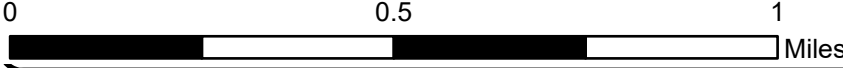
The following information is displayed, where pertinent, on the attached compartment maps:

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

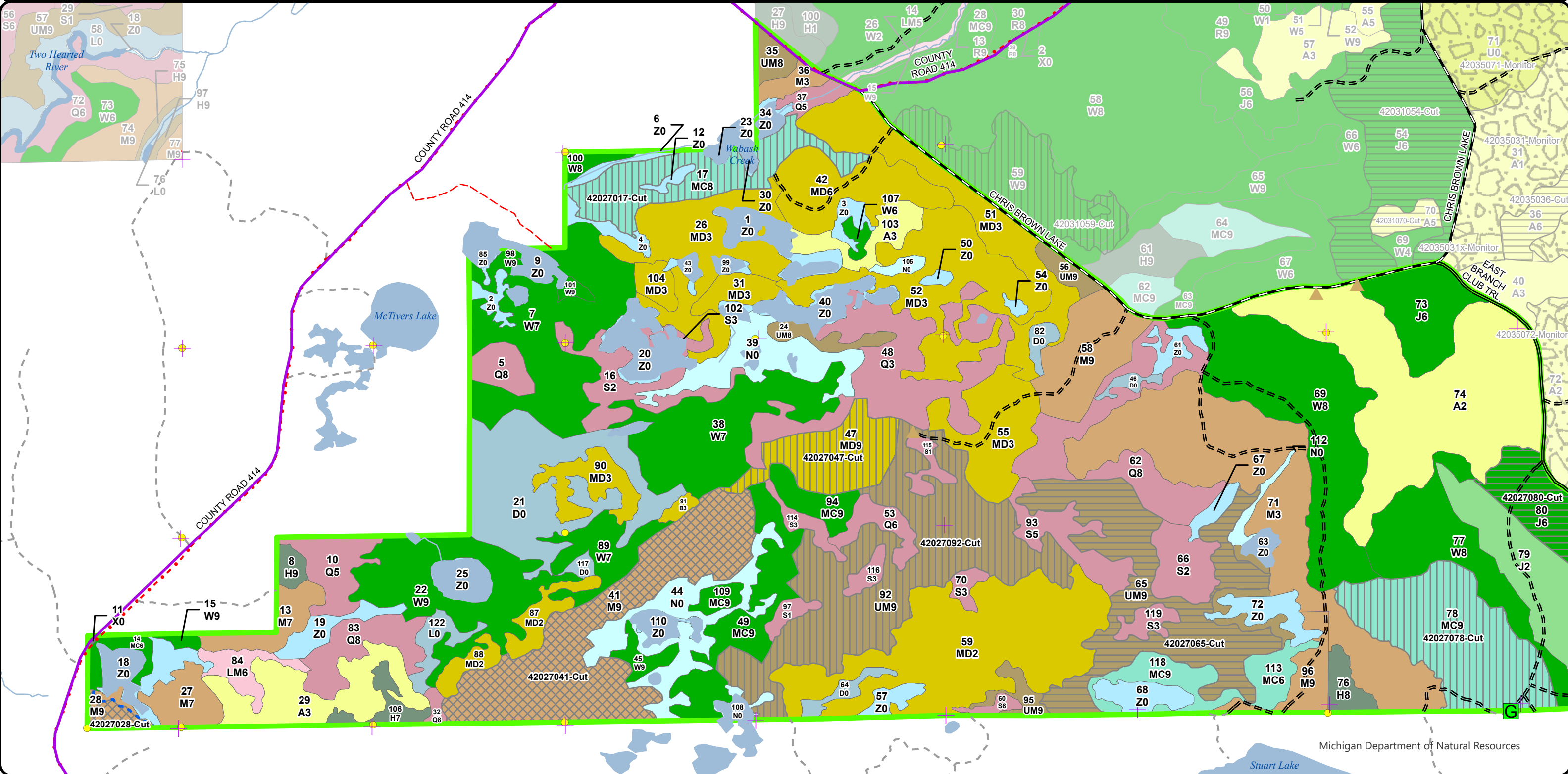
Cover Type & Treatments Map



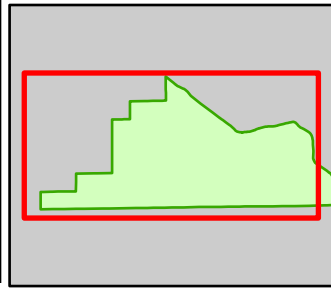
Compartment: 42027
 T49N R10W Sec. 25-28, 32-36
 County: Luce
 Unit: Newberry
 Mgmt Area: Grand Marais
 Moraine Complex
 YOE: 2025
 Acres: 2713.4 GIS Calculated
 Examiner: Lester Livermore
 Map Revised: 05/21/2024
 Map Phase: Post-Maps



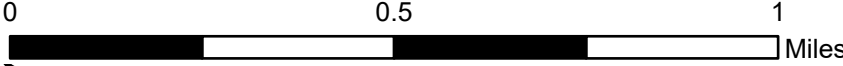
- | | | | | |
|------------------------------|-------------------------------|---------------------------------|------------------------------|---------------------------------|
| Berms | DNR - Forest Access Route | Lakes and Rivers | 411 - Northern Hardwood | 430 - Upland Mixed Forest |
| Gate | County - Gravel Road | Compartment Boundary | 413 - Aspen Types | 612 - Lowland Coniferous Forest |
| Survey Grade Corners | County - Dirt Road (Seasonal) | Counties | 419 - Mixed Upland Deciduous | 613 - Lowland Mixed Forest |
| Remonumented Section Corners | Private - Dirt / Gravel Road | Treatments with Site Conditions | 421 - Planted Pines | 122 - Roads/Parking Lot |
| Designated Snowmobile Trails | Island in Lake or River | Selection (Group, Single Tree) | 422 - Natural Pines | 500 - Water |
| DNR - Primary Forest Road | Lake/Pond | Clearcut (w/Reserves) | 423 - Other Upland Conifers | 622 - Lowland Shrub |
| DNR - Secondary Forest Road | Perennial River | Shelter Wood (w/Reserves) | 429 - Mixed Upland Conifers | 623 - Emergent Wetland |



Stand Boundary Map

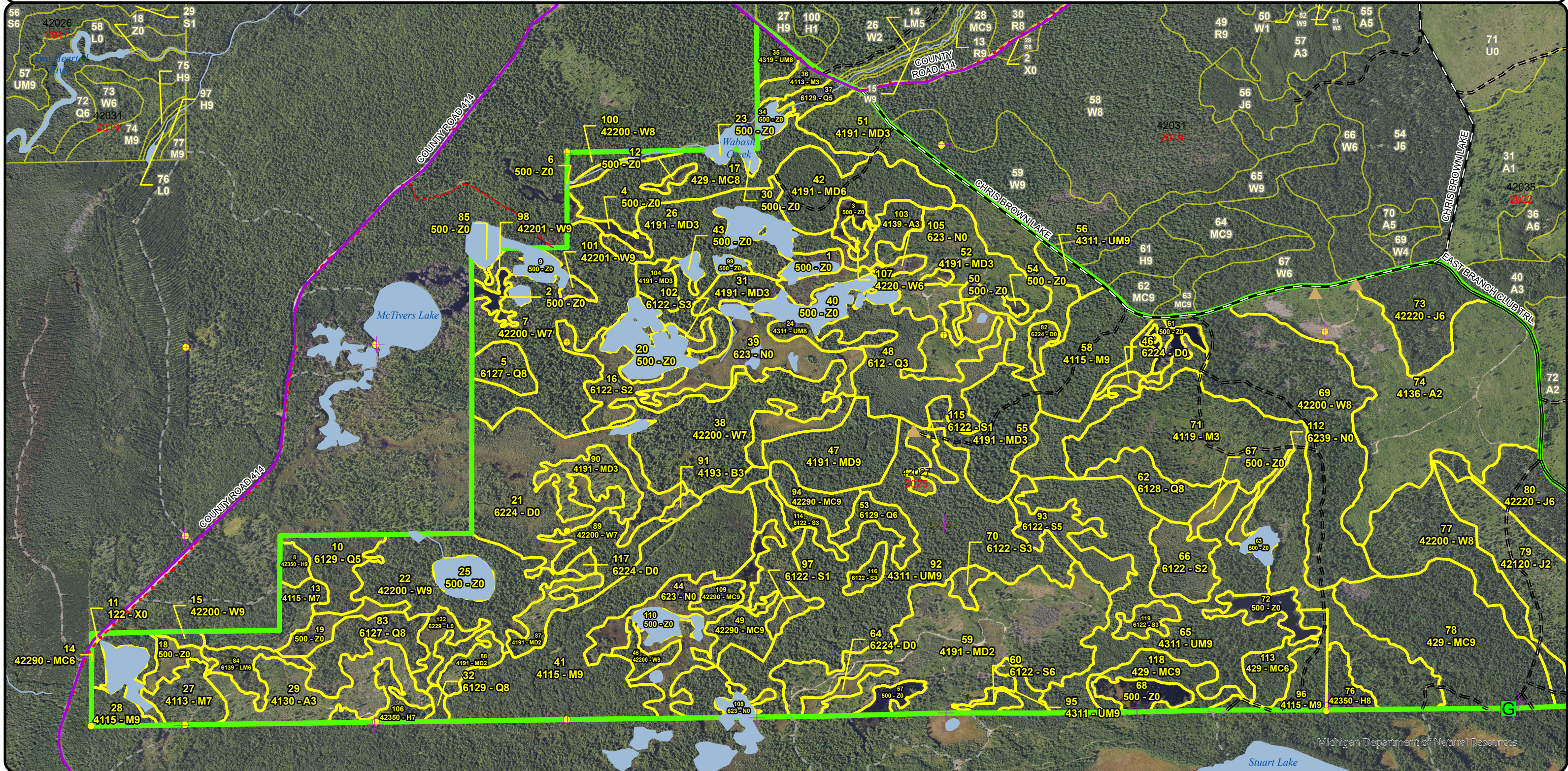


Compartment: 42027
 T49N R10W Sec. 25-28, 32-36
 County: Luce
 Unit: Newberry
 Mgmt Area: Grand Marais
 Moraine Complex
 YOE: 2025
 Acres: 2713.4 GIS Calculated
 Examiner: Lester Livermore
 Map Revised: 05/21/2024
 Map Phase: Post-Maps



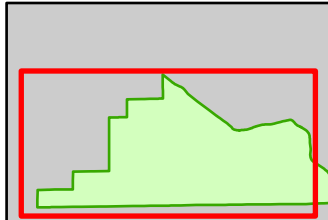
- Berms
- Gate
- Survey Grade Corners
- Remonumented Section Corners
- Designated Snowmobile Trails
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- Island in Lake or River
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Compartment Boundary
- Counties
- Stand Boundaries
- 411 - Northern Hardwood
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous

- 421 - Planted Pines
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 122 - Roads/Parking Lot
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland
- State Forests



**Special Conservation Areas
& Site Conditions Map**

Compartment: 42027
 T49N R10W Sec. 25-28, 32-36
 County: Luce
 Unit: Newberry
 Mgmt Area: Grand Marais
 Moraine Complex
 YOE: 2025
 Acres: 2713.4 GIS Calculated
 Examiner: Lester Livermore
 Map Revised: 05/21/2024
 Map Phase: Post-Maps



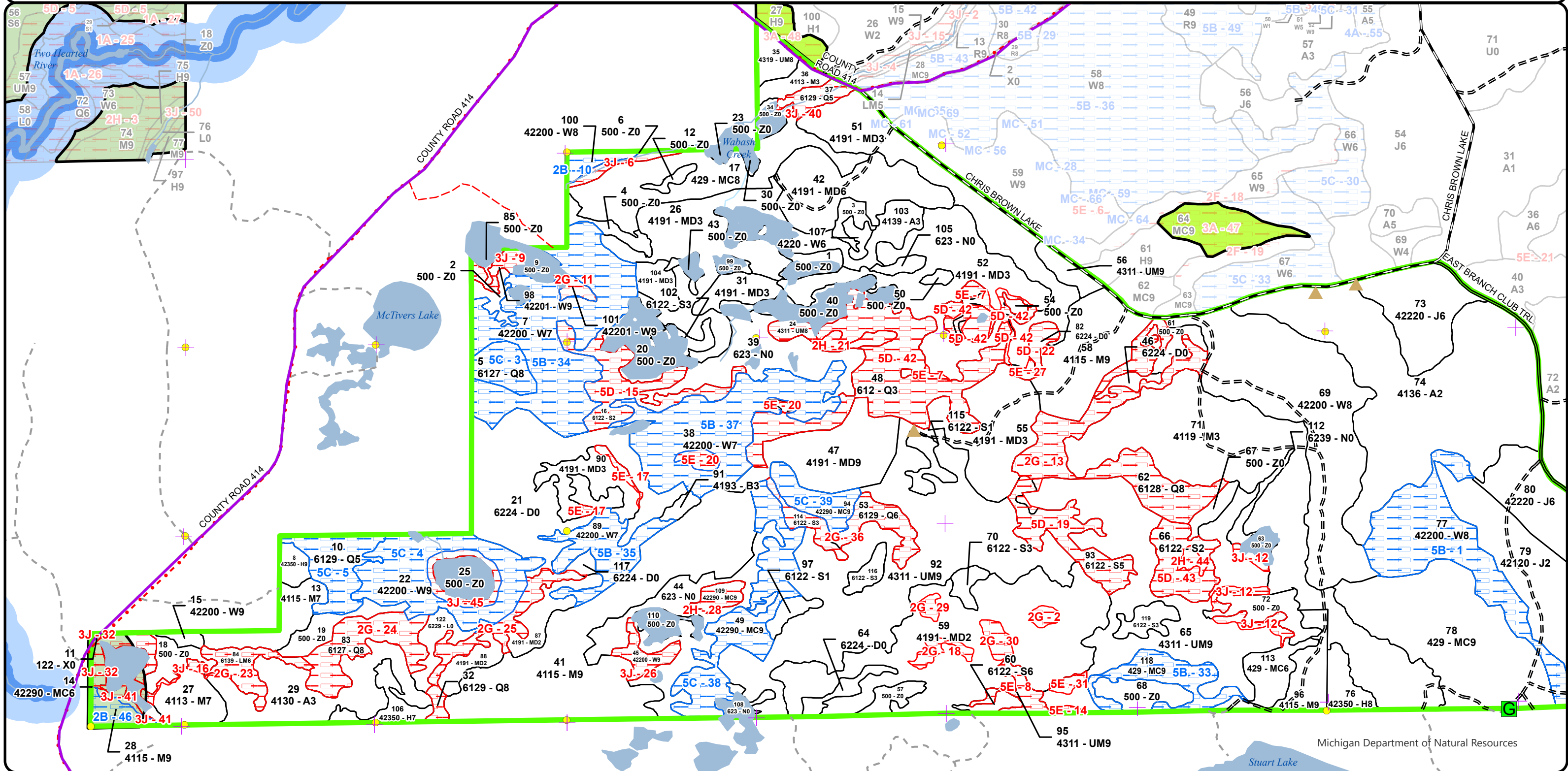
0 0.5 1
 Miles

- Berms
- Gate
- Survey Grade Corners
- Remonumented Section Corners
- Designated Snowmobile Trails
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road

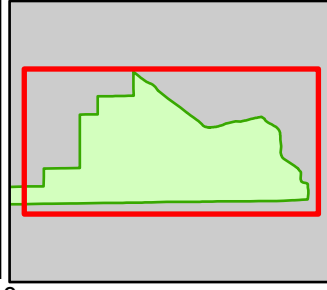
- Island in Lake or River
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Compartment Boundary
- Counties
- SCA
- Available w/ Constraints
- Unavailable

5B: Maintain for regeneration purposes
 5C: Delay treatment for age/size class diversity or exceptional site quality

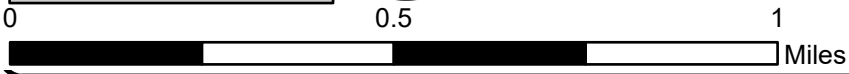
- 2G: Too wet (sensitive soils, does not include access issues)
- 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
- 3J: Water quality / BMPs (stream, river, or lake)
- 5D: Unproductive Forest Land
- 5E: Long-Term Retention
- Stand Boundaries
- Natural Rivers Vegetative Buffer
- Natural Rivers Zoning District
- Cold Water Streams
- Recreational/Scenic Value Area
- Possible Type 2 Old Growth



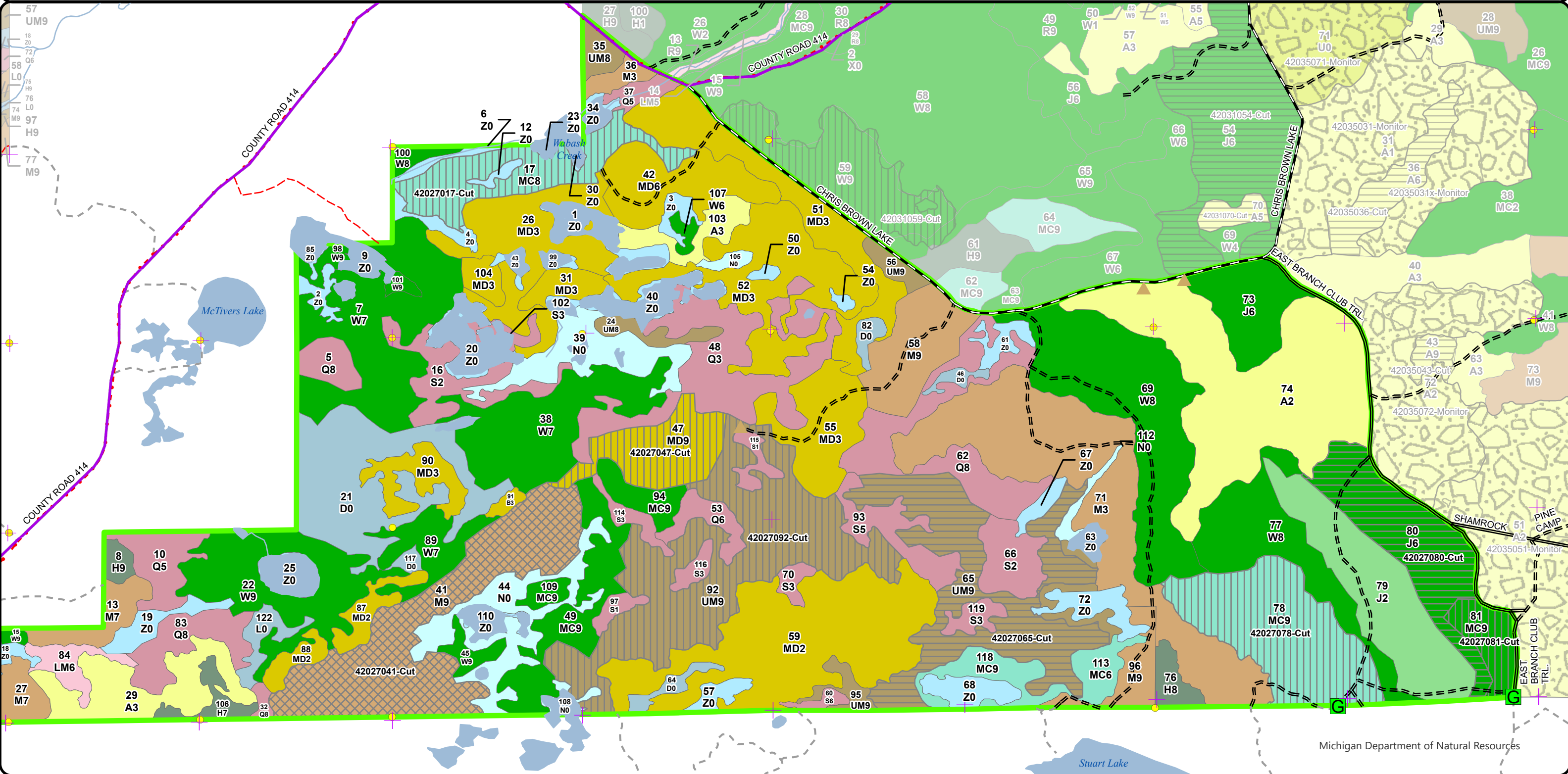
Cover Type & Treatments Map



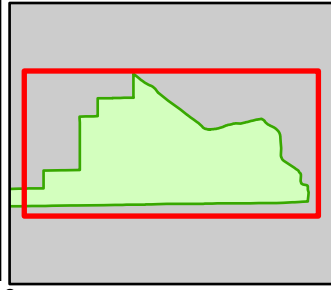
Compartment: 42027
 T49N R10W Sec. 25-28, 32-36
 County: Luce
 Unit: Newberry
 Mgmt Area: Grand Marais
 Moraine Complex
 YOE: 2025
 Acres: 2713.4 GIS Calculated
 Examiner: Lester Livermore
 Map Revised: 05/21/2024
 Map Phase: Post-Maps



- | | | | | |
|--------------------------------|-------------------------------------|----------------------------------|--------------------------------|-----------------------------------|
| ▲ Berms | === DNR - Forest Access Route | ■ Lakes and Rivers | ■ 413 - Aspen Types | ■ 612 - Lowland Coniferous Forest |
| Ⓜ Gate | - - - County - Gravel Road | ▭ Compartment Boundary | ■ 419 - Mixed Upland Deciduous | ■ 613 - Lowland Mixed Forest |
| ● Survey Grade Corners | - - - County - Dirt Road (Seasonal) | ▭ Counties | ■ 421 - Planted Pines | ■ 500 - Water |
| ⊕ Remonumented Section Corners | - - - Private - Dirt / Gravel Road | ▭ Selection (Group, Single Tree) | ■ 422 - Natural Pines | ■ 622 - Lowland Shrub |
| — Designated Snowmobile Trails | — Island in Lake or River | ▭ Clearcut (w/Reserves) | ■ 423 - Other Upland Conifers | ■ 623 - Emergent Wetland |
| — DNR - Primary Forest Road | — Lake/Pond | ▭ Shelter Wood (w/Reserves) | ■ 429 - Mixed Upland Conifers | |
| — DNR - Secondary Forest Road | — Perennial River | ■ 411 - Northern Hardwood | ■ 430 - Upland Mixed Forest | |



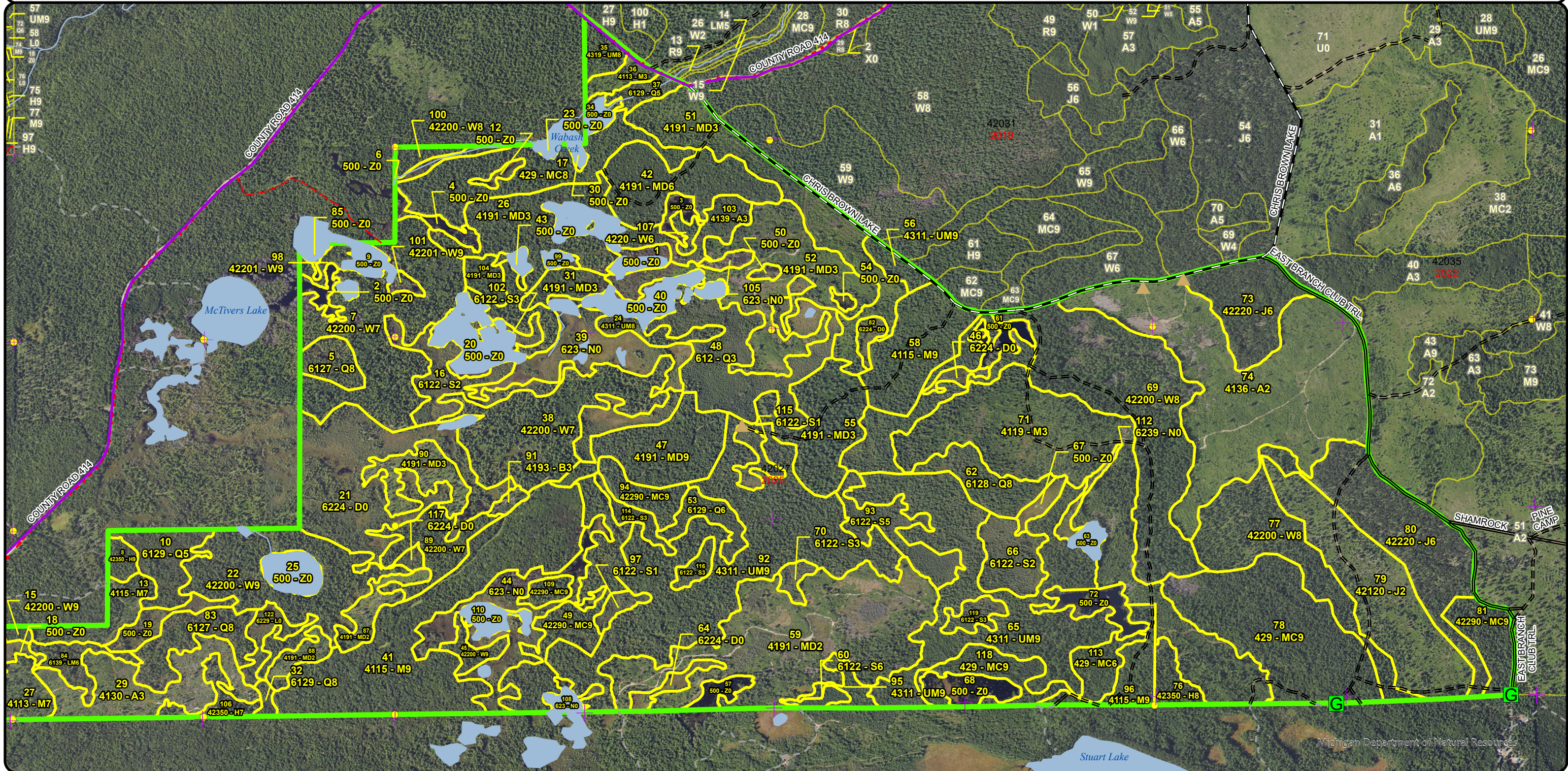
Stand Boundary Map



Compartment: 42027
 T49N R10W Sec. 25-28, 32-36
 County: Luce
 Unit: Newberry
 Mgmt Area: Grand Marais
 Moraine Complex
 YOE: 2025
 Acres: 2713.4 GIS Calculated
 Examiner: Lester Livermore
 Map Revised: 05/21/2024
 Map Phase: Post-Maps

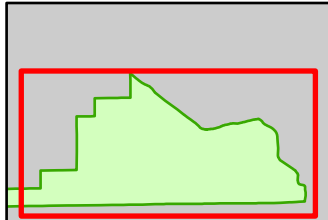
0 0.5 1 Miles

- | | | | | |
|--------------------------------|-------------------------------------|------------------------------|---------------------------------|------------------------|
| ▲ Berms | === DNR - Forest Access Route | ■ Lakes and Rivers | 421 - Planted Pines | 500 - Water |
| Ⓜ Gate | - - - County - Gravel Road | ▬ Compartment Boundary | 422 - Natural Pines | 622 - Lowland Shrub |
| ● Survey Grade Corners | - - - County - Dirt Road (Seasonal) | ▭ Counties | 423 - Other Upland Conifers | 623 - Emergent Wetland |
| ⊕ Remonumented Section Corners | - - - Private - Dirt / Gravel Road | ▭ Stand Boundaries | 429 - Mixed Upland Conifers | ▭ State Forests |
| — Designated Snowmobile Trails | — Island in Lake or River | 411 - Northern Hardwood | 430 - Upland Mixed Forest | |
| — DNR - Primary Forest Road | — Lake/Pond | 413 - Aspen Types | 612 - Lowland Coniferous Forest | |
| — DNR - Secondary Forest Road | — Perennial River | 419 - Mixed Upland Deciduous | 613 - Lowland Mixed Forest | |



Special Conservation Areas & Site Conditions Map

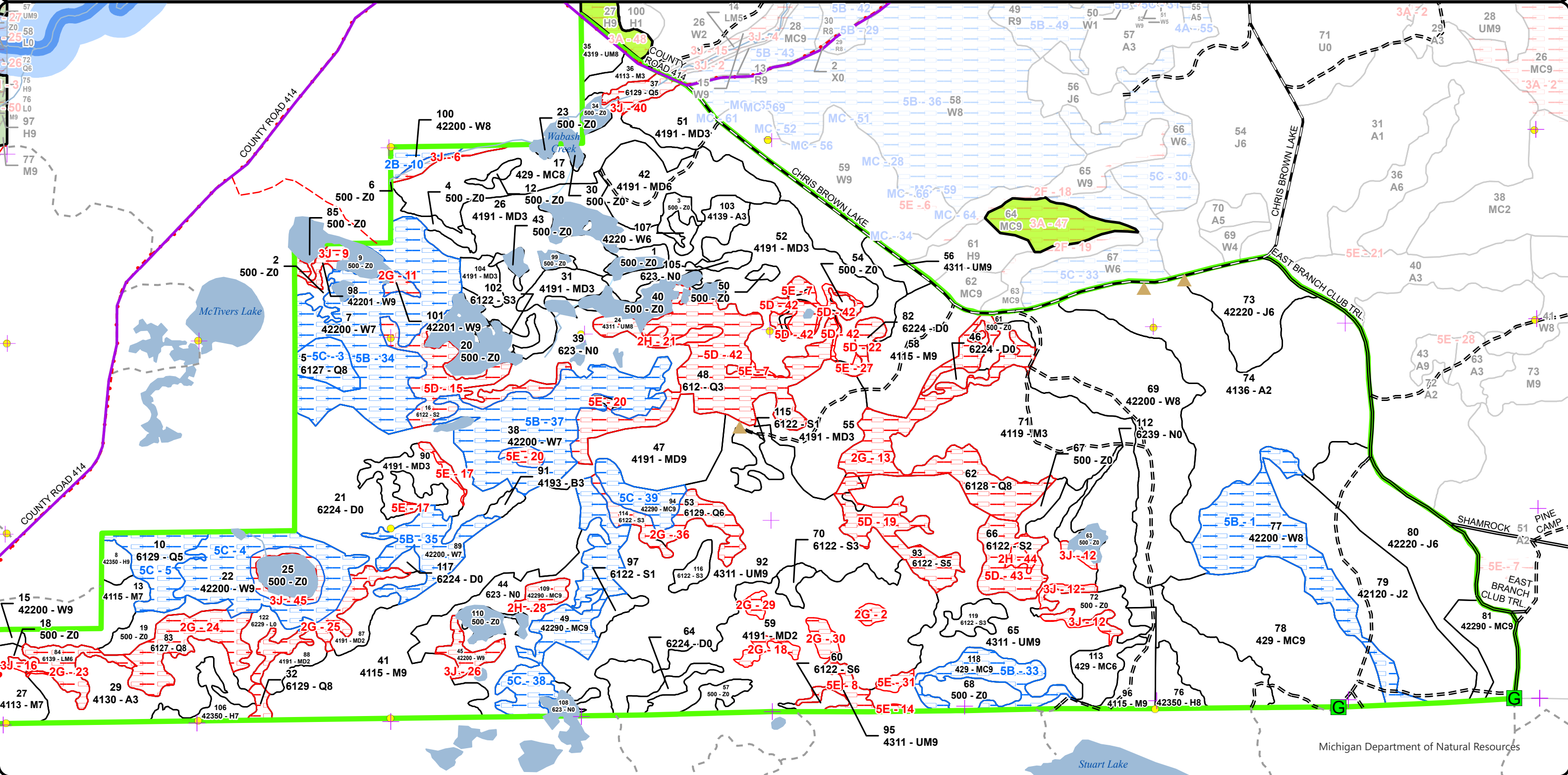
Compartment: 42027
 T49N R10W Sec. 25-28, 32-36
 County: Luce
 Unit: Newberry
 Mgmt Area: Grand Marais
 Moraine Complex
 YOE: 2025
 Acres: 2713.4 GIS Calculated
 Examiner: Lester Livermore
 Map Revised: 05/21/2024
 Map Phase: Post-Maps



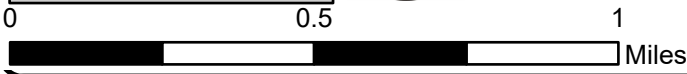
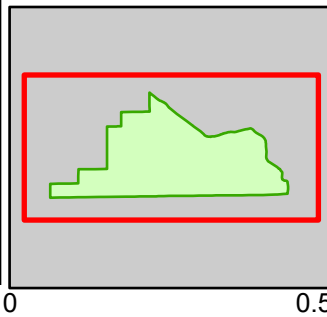
- Berms
- Gate
- Survey Grade Corners
- Remonumented Section Corners
- Designated Snowmobile Trails
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road

- Island in Lake or River
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Compartment Boundary
- Counties
- SCA
- Available w/ Constraints
- Unavailable

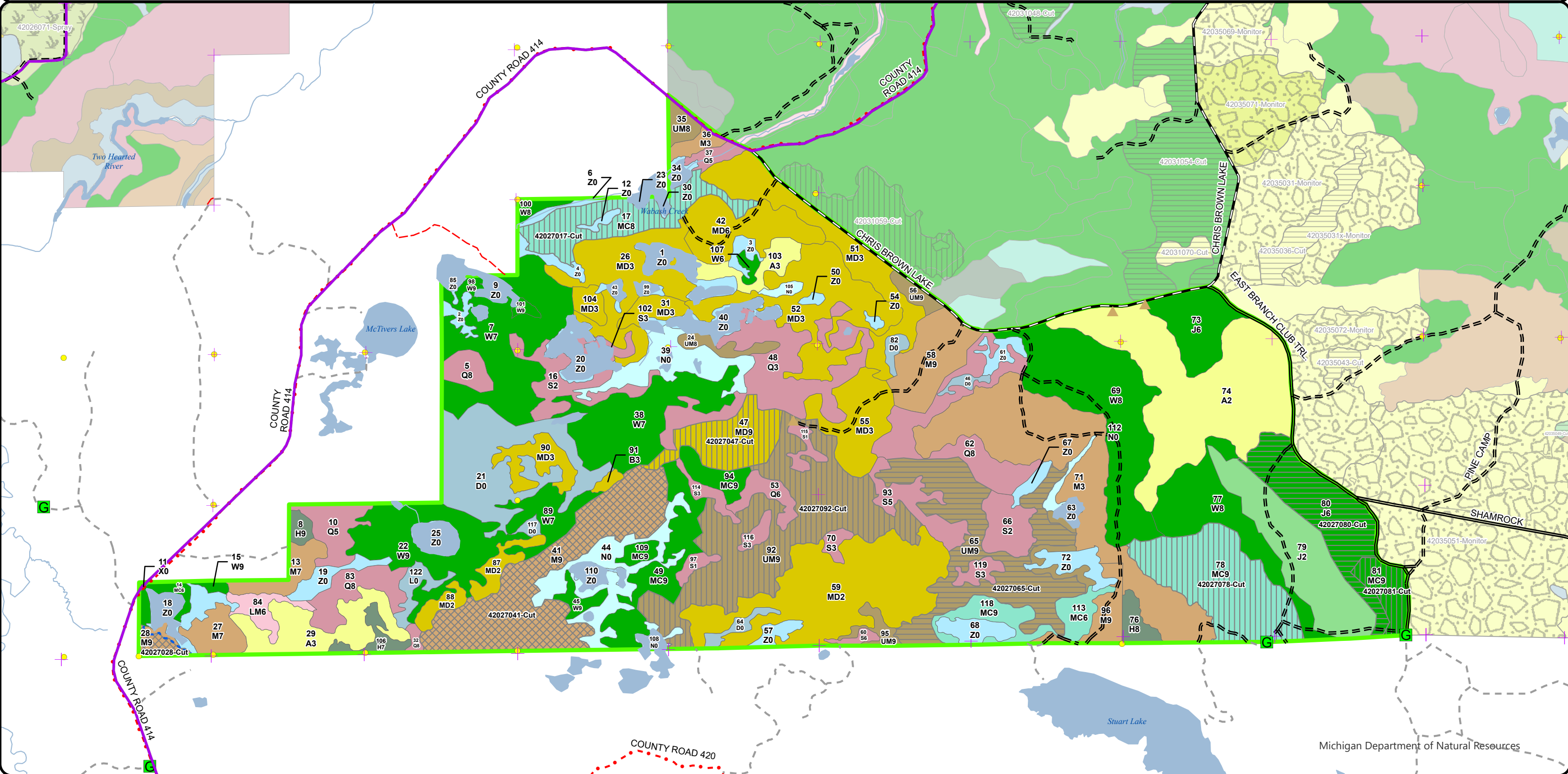
- 2G: Too wet (sensitive soils, does not include access issues)
- 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
- 3J: Water quality / BMPs (stream, river, or lake)
- 5D: Unproductive Forest Land
- 5E: Long-Term Retention
- Stand Boundaries
- Natural Rivers Vegetative Buffer
- Natural Rivers Zoning District
- Cold Water Streams
- Recreational/Scenic Value Area
- Possible Type 2 Old Growth



Compartment: 42027
 T49N R10W Sec. 25-28, 32-36
 County: Luce
 Unit: Newberry
 Mgmt Area: Grand Marais
 Moraine Complex
 YOE: 2025
 Acres: 2713.4 GIS Calculated
 Examiner: Lester Livermore
 Map Revised: 05/21/2024
 Map Phase: Post-Maps



- | | | | | |
|--------------------------------|-------------------------------------|-----------------------------------|-----------------------------------|---------------------------|
| ▲ Berms | === DNR - Forest Access Route | ▭ Compartment Boundary | ■ 419 - Mixed Upland Deciduous | ■ 122 - Roads/Parking Lot |
| Ⓜ Gate | - - - County - Gravel Road | ▭ Counties | ■ 421 - Planted Pines | ■ 500 - Water |
| ● Survey Grade Corners | - - - County - Dirt Road (Seasonal) | ▭ Treatments with Site Conditions | ■ 422 - Natural Pines | ■ 622 - Lowland Shrub |
| ⊕ Remonumented Section Corners | - - - Private - Dirt / Gravel Road | ▭ Selection (Group, Single Tree) | ■ 423 - Other Upland Conifers | ■ 623 - Emergent Wetland |
| Ⓜ Snowmobile Trails | — Island in Lake or River | ▭ Clearcut (w/Reserves) | ■ 429 - Mixed Upland Conifers | |
| — Designated Snowmobile Trails | — Lake/Pond | ▭ Shelter Wood (w/Reserves) | ■ 430 - Upland Mixed Forest | |
| — DNR - Primary Forest Road | — Perennial River | ■ 411 - Northern Hardwood | ■ 612 - Lowland Coniferous Forest | |
| — DNR - Secondary Forest Road | ■ Lakes and Rivers | ■ 413 - Aspen Types | ■ 613 - Lowland Mixed Forest | |



Report 1 – Total Acres by Cover Type and Age Class

Newberry Mgt. Unit

Compartment 27

Year of Entry 2025

Lester Livermore : 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+	Unseen-Aged	Total
Aspen	0	184	0	0	15	0	0	0	0	0	0	0	0	0	0	0	0	0	199
Hemlock	0	0	0	0	0	0	0	0	0	0	0	23	0	0	0	0	0	0	23
Jack Pine	0	68	0	0	0	34	0	0	60	0	0	0	0	0	0	0	0	0	162
Lowland Conifers	0	0	0	0	0	0	68	0	0	17	0	54	0	0	0	0	0	48	187
Lowland Mixed Forest	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	11
Lowland Shrub	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Lowland Spruce/Fir	0	0	0	0	0	19	29	24	6	3	0	20	0	0	0	0	0	0	101
Marsh	80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	80
Mixed Upland Deciduous	0	153	0	91	108	0	0	0	0	0	0	37	0	0	0	0	0	66	454
Natural Mixed Pines	0	0	0	0	0	0	0	0	0	0	0	81	0	0	0	0	0	0	81
Northern Hardwood	0	128	7	0	0	0	0	0	0	16	0	8	0	0	0	0	0	174	332
Paper Birch	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Treed Bog	88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	88
Upland Conifers	0	0	0	0	0	0	0	0	0	0	29	127	0	0	0	0	0	0	156
Upland Mixed Forest	0	0	0	0	0	0	0	0	0	235	0	15	0	0	0	0	0	15	265
Urban	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Water	171	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	171
White Pine	0	0	0	0	0	0	0	0	3	0	99	231	58	0	0	0	0	5	395
Total	347	536	7	91	123	53	97	24	69	271	128	596	58	0	0	0	0	319	2716



Report 2 – Treatment Summary

Newberry Mgt. Unit

Year of Entry: 2025

Acres of Harvest

Compartment 27

Total Compartment Acres: 2,713

Commercial Harvest - 574
 Harvests with Site Condition - 6
 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
Jack Pine	60	0	0	0	0	0	0	0	0	60
Mixed Upland Deciduous	0	0	0	0	37	0	0	0	0	37
Natural Mixed Pines	0	0	0	0	18	0	0	0	0	18
Northern Hardwood	0	112	0	0	0	0	0	0	0	112
Upland Conifers	0	0	0	0	127	0	0	0	0	127
Upland Mixed Forest	95	0	0	0	132	0	0	0	0	227
Total	155	112	0	0	313	0	0	0	0	580

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	580	0	0	0	0	0	0	0	0	580
Next Step	0	184	78	0	0	0	701	0	0	963
Total	580	184	78	0	0	0	701	0	0	1543



S
t
a
n
d

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

Approved Treatments:

17	42027017-Cut	45.8	429 - Mixed Upland Conifers	Sawtimber Medium	100	81-110	Harvest	Shelterwood with Retention	4319 - Mixed Upland Forest	Two-Aged	No
<p><u>Prescription</u> Retain 50 - 60 basal area hemlock and/or white pine. Retain all hemlock over 20" diameter. Harvest all other species present. Buffer all adjacent lowlands and drainages.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> SitePrep, Scarification; Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Maple with birch, hemlock, white pine, and aspen.</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>											
28	42027028-Cut	6.2	4115 - Y.Birch, Hemlock NH	Sawtimber Well	100	81-110	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven-Aged	No
<p><u>Prescription</u> Thin stand to approximately 80 basal area. Target all species present including maple and birch, however retain hemlock, oak and white pine and a representation of yellow birch. Buffer pond.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Maple, yellow birch, and hemlock.</p> <p><u>Regen:</u></p> <p><u>Other</u> Access not acquired previously through private from west. Small drain from east difficult to cross.</p> <p><u>Comment:</u></p> <p><u>Site Condition</u> Unknown Access</p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>											
41	42027041-Cut	105.8	4115 - Y.Birch, Hemlock NH	Sawtimber Well	90	81-110	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven-Aged	No
<p><u>Prescription</u> Thin stand density to approximately 80 ft2 basal area. Target low quality red maple for harvest as well as sugar maple, birch, beech and spruce. Retain all hemlock and any oak and a component of yellow birch. Retain a representation of potential nest trees (forked at least 2/3 the way up).</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Maple, yellow birch and hemlock with white pine, spruce and fir.</p> <p><u>Regen:</u></p> <p><u>Other</u> Utilize yellow birch regeneration specs to encourage germination on nurse logs.</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>											



S
t
a
n
d

Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
47 42027047-Cut	36.5	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	100	51-80	Harvest	Shelterwood with Retention	4191 - Mixed Upland Deciduous with Conifer	Two-Aged	No
<p><u>Prescription</u> Harvest all species present including aspen, maple, beech, birch, spruce and fir. Retain hemlock within the stand unless needed for maneuverability. Pocket retention 3 -10% of the stand acreage; include interior retention pocket(s). Pocket retention should include an area with large birch or aspen.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Aspen, red maple, yellow and paper birch with hemlock, white pine, spruce and fir.</p> <p><u>Other Comment:</u> Likely access from the east.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>										
65 42027065-Cut	94.9	4311 - Pine, Aspen Mix	Sawtimber Well	85	51-80	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
<p><u>Prescription</u> Harvest all species present to regenerate a new age class. Retain aspen in the red line and white pine over 23" diameter. Retain hemlock except where needed for maneuverability.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Intermediate)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Aspen with pine, hemlock, and birch.</p> <p><u>Other Comment:</u> Harvest acreage may change upon sale prep.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>										
78 42027078-Cut	80.7	429 - Mixed Upland Conifers	Sawtimber Well	100	81-110	Harvest	Shelterwood with Retention	42260 - Natural Pine, Mixed Deciduous	Two-Aged	No
<p><u>Prescription</u> Retain 40 - 60 basal area of red and white pine. Retain all hemlock within the stand which may serve as residual basal area. Retain 1 mature aspen per two acres for grouse. Harvest all other species present.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Intermediate)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Aspen, red maple, paper birch, white pine, red pine, jack pine and hemlock.</p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>										

S
t
a
n
d

Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
80 42027080-Cut	60.3	42220 - Natural Jack Pine	Poletimber Well	71	81-110	Harvest	Clearcut with Retention	4222 - Natural Jack Pine	Even-Aged	No
<u>Prescription</u> Harvest all species present. Pocket retention 3 - 5%. Pocket retention to include white pine and mature aspen for grouse.										
<u>Specs:</u>										
<u>Next Step</u> SitePrep, Scarification; SitePrep, Trenching; Planting, Initial Plant; Monitoring, Natural Regen (Intermediate); Monitoring, Artificial										
<u>Treatments:</u> Regen(1yr); Monitoring, Artificial Regen(3yr)										
<u>Acceptable</u> Jack pine with aspen, birch, white pine and red maple.										
<u>Regen:</u>										
<u>Other</u>										
<u>Comment:</u>										
<u>Site Condition</u>										
<u>Proposed Start Date:</u> 10/1 /2024										
81 42027081-Cut	17.7	42290 - Natural Mixed Pine	Sawtimber Well	100	81-110	Harvest	Shelterwood with Retention	42290 - Natural Mixed Pine	Two-Aged	No
<u>Prescription</u> Retain 30 - 50 basal area of red and white pine. Retain white pine larger than 20" for bear escape trees. Harvest all Jack pine, red maple, aspen and birch.										
<u>Specs:</u>										
<u>Next Step</u> SitePrep, Scarification; Planting, Unfurrowed; Monitoring, Natural Regen (Intermediate)										
<u>Treatments:</u>										
<u>Acceptable</u> White pine Jack and white pine and aspen.										
<u>Regen:</u>										
<u>Other</u>										
<u>Comment:</u>										
<u>Site Condition</u>										
<u>Proposed Start Date:</u> 10/1 /2024										
92 42027092-Cut	132.2	4311 - Pine, Aspen Mix	Sawtimber Well	85	51-80	Harvest	Shelterwood with Retention	4311 - Pine, Aspen Mix	Two-Aged	No
<u>Prescription</u> Retain 10 - 30 basal area of white and red pine for crop production within the stand. Retain white pine 23" in diameter and greater. Harvest all other species present except retain all hemlock and most yellow birch. Retain any legacy individuals if/where present.										
<u>Specs:</u>										
<u>Next Step</u> Monitoring, Natural Regen (Intermediate)										
<u>Treatments:</u>										
<u>Acceptable</u> Aspen with paper birch, white and red pine, hemlock, red maple, spruce and fir.										
<u>Regen:</u>										
<u>Other</u> Acreage may change due to lowland inclusion delineation upon sale prep.										
<u>Comment:</u>										
<u>Site Condition</u>										
<u>Proposed Start Date:</u> 10/1 /2024										

Total Treatment 580.1
Acreage Proposed:

Report 4 – Site Conditions

Newberry Mgt. Unit

Compartment: 27

Lester Livermore : Examiner

Year of Entry: 2025

Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	Dominant Site Conditions								
		With Condition	Not Available		2B	5B	5C	2G	2H	3J	5D	5E	
199	199	0	0	Aspen						0			
22	22	0	0	Hemlock									
161	161	0	0	Jack Pine									
187	0	29	158	Lowland Conifers			29	83		6	63	5	
11	0	0	11	Lowland Mixed Forest				11		0			
8	8	0	0	Lowland Shrub									
100	32	0	68	Lowland Spruce/Fir				6	2		60		
80	80	0	0	Marsh									
455	435	0	21	Mixed Upland Deciduous				11					10
81	18	50	13	Natural Mixed Pines			50		5	8			
332	322	6	4	Northern Hardwood	6		0			4			0
3	3	0	0	Paper Birch									
88	84	0	4	Treed Bog			0	0			4	0	
155	138	18	0	Upland Conifers		18							
264	238	0	26	Upland Mixed Forest					8	8	1	9	
0	0	0	0	Urban									
170	167	0	4	Water						4		0	
395	104	255	36	White Pine	5	211	40	15		17		3	
2,713	2,011	358	343	Total Forested Acres	11	228	119	126	15	47	128	27	
	74%	13%	13%	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	Available	5B: Maintain for regeneration purposes	53	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Newberry Mgt. Unit

Compartment: 27

Lester Livermore : Examiner

Year of Entry: 2025

2	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Area was delineated out of the previous timber sale.							
3	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	11	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
4	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	40	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	19	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
6	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Wabash Creek							
7	Unavailable	5E: Long-Term Retention	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Newberry Mgt. Unit
Lester Livermore : Examiner

Compartment: 27
Year of Entry: 2025

8	Unavailable	5E: Long-Term Retention	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
9	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
10	Available	2B: Unknown if access through adjacent landowner(s) is possible	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
11	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
12	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
13	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	48	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Newberry Mgt. Unit
Lester Livermore : Examiner

Compartment: 27
Year of Entry: 2025

14	Unavailable	5E: Long-Term Retention	1	5D: Unproductive Forest Land	Unspecified	Unspecified	Unspecified
Comments:							
15	Unavailable	5D: Unproductive Forest Land	24				
Comments:							
16	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	2	5E: Long-Term Retention	Unspecified	Unspecified	Unspecified
Comments:							
17	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
18	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Area was delineated out of the previous timber sale.							
19	Unavailable	5D: Unproductive Forest Land	21	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Newberry Mgt. Unit
Lester Livermore : Examiner

Compartment: 27
Year of Entry: 2025

20	Unavailable	5E: Long-Term Retention	4	5D: Unproductive Forest Land	Unspecified	Unspecified	Unspecified
Comments:							
21	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
22	Unavailable	5D: Unproductive Forest Land	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
23	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	11	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
24	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	22	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
25	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	15	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Newberry Mgt. Unit

Compartment: 27

Lester Livermore : Examiner

Year of Entry: 2025

26	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
27	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
28	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
29	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Area was delineated out of the previous timber sale.							
30	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Area was delineated out of the previous timber sale.							
31	Unavailable	5E: Long-Term Retention	2	5D: Unproductive Forest Land	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Newberry Mgt. Unit
Lester Livermore : Examiner

Compartment: 27
Year of Entry: 2025

32	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
33	Available	5B: Maintain for regeneration purposes	18	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Allow hemlock and other mixed species to continue to recruited.							
34	Available	5B: Maintain for regeneration purposes	79	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
35	Available	5B: Maintain for regeneration purposes	21	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
36	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	17	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
37	Available	5B: Maintain for regeneration purposes	58	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Newberry Mgt. Unit

Compartment: 27

Lester Livermore : Examiner

Year of Entry: 2025

38	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	38	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
39	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	12	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
40	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
41	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
42	Unavailable	5D: Unproductive Forest Land	63	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							
43	Unavailable	5D: Unproductive Forest Land	17	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Newberry Mgt. Unit

Lester Livermore : Examiner

Compartment: 27

Year of Entry: 2025

44	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
45	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
46	Available	2B: Unknown if access through adjacent landowner(s) is possible	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Mgt. Unit

Compartment: #Type!

Year of Entry:



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

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

SCA Name	SCA Category	Detail Type	Recommendation	Acres
----------	--------------	-------------	----------------	-------

Comments



Report 6 – EXISTING SPECIAL CONSERVATION AREA DETAILS

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

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	Type 1 and Type 2 Old Growth	Old-Growth forest (also termed primary forest, ancient forest, virgin forest, or primeval forest) is an area of forest that has few or no signs of human disturbance and that exhibits unique ecological features related to age, composition and associated structure. Old growth forests are of natural origin. They may be dominated by late successional forest species (i.e. sugar maple and American beech), or may be a very old example of a stand dominated by long-lived early- or mid-seral species (i.e. oak, or red pine).
HCVA	Natural Rivers	There are two Natural Rivers datasets which are derived from spatial buffers set from an established and approved distance from the river centerlines. The Natural Rivers Zoning District is a 400 foot buffer for most Natural Rivers. The Vegetative Buffer ranges from 25 to 100 feet.

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



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																	
1	500 - Water	Nonstocked	14.1			No																																																		
2	500 - Water	Nonstocked	5.5			No																																																		
3	500 - Water	Nonstocked	4.4			No																																																		
4	500 - Water	Nonstocked	5.3		Unspecified	No																																																		
5	6127 - Lowland Pine	Sawtimber Medium	10.5	100	51-80	N/A	Wet areas within the stand.																																																	
6	500 - Water	Nonstocked	3.6		Unspecified	No	Wabash Creek																																																	
7	42200 - Natural White Pine	Sawtimber Poor	78.6	100	1-50	N/A	White pine with infrequent redpine overtopping a younger age class, now recruiting well since harvest. Aspen saplings dominating larger openings in the stand. Oak planted along roadd in western part of stand around 2016.																																																	
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Hemlock</td> <td>7</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>8</td> <td>Log</td> <td>16</td> <td></td> </tr> <tr> <td>Red Oak</td> <td>2</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>White Pine</td> <td>83</td> <td>Log</td> <td>16</td> <td>100</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Hemlock	7	Pole	6		Red Pine	8	Log	16		Red Oak	2	Log/Pole	10		White Pine	83	Log	16	100	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Bigtooth Aspen</td> <td>High</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Beech</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Red Oak</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Medium</td> <td>< 5 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Medium	10 - 20 feet	Sapling	Balsam Fir	Medium	Variable	Sapling	Bigtooth Aspen	High	10 - 20 feet	Sapling	Beech	Low	Variable	Sapling	Red Oak	Low	10 - 20 feet	Sapling	White Pine	Medium	< 5 feet	Sapling
Canopy Species	% Cover	Size Class	DBH	Age																																																				
Hemlock	7	Pole	6																																																					
Red Pine	8	Log	16																																																					
Red Oak	2	Log/Pole	10																																																					
White Pine	83	Log	16	100																																																				
Sub-Canopy Species	Density	Avg. Height	Size																																																					
Red Maple	Medium	10 - 20 feet	Sapling																																																					
Balsam Fir	Medium	Variable	Sapling																																																					
Bigtooth Aspen	High	10 - 20 feet	Sapling																																																					
Beech	Low	Variable	Sapling																																																					
Red Oak	Low	10 - 20 feet	Sapling																																																					
White Pine	Medium	< 5 feet	Sapling																																																					
8	42350 - Upland Hemlock	Sawtimber Well	4.9	100	111-140	N/A																																																		
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>10</td> <td>XLog/Log</td> <td>18</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>10</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>10</td> <td>Pole</td> <td>5</td> <td></td> </tr> <tr> <td>Hemlock</td> <td>70</td> <td>Log</td> <td>15</td> <td>100</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	White Pine	10	XLog/Log	18		Red Maple	10	Pole	6		Balsam Fir	10	Pole	5		Hemlock	70	Log	15	100																														
Canopy Species	% Cover	Size Class	DBH	Age																																																				
White Pine	10	XLog/Log	18																																																					
Red Maple	10	Pole	6																																																					
Balsam Fir	10	Pole	5																																																					
Hemlock	70	Log	15	100																																																				
9	500 - Water	Nonstocked	4.0			No																																																		
10	6129 - Mixed Coniferous Lowland Forest	Poletimber Medium	18.9	100	Unspecified	N/A																																																		
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Tamarack</td> <td>20</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Black Spruce</td> <td>40</td> <td>Pole</td> <td>9</td> <td>100</td> </tr> <tr> <td>Northern White Cedar</td> <td>10</td> <td>Pole</td> <td>9</td> <td></td> </tr> <tr> <td>White Pine</td> <td>30</td> <td>Log/Pole</td> <td>15</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Tamarack	20	Pole	7		Black Spruce	40	Pole	9	100	Northern White Cedar	10	Pole	9		White Pine	30	Log/Pole	15		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tag Alder</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Medium	5 - 10 feet	Tall Shrub																				
Canopy Species	% Cover	Size Class	DBH	Age																																																				
Tamarack	20	Pole	7																																																					
Black Spruce	40	Pole	9	100																																																				
Northern White Cedar	10	Pole	9																																																					
White Pine	30	Log/Pole	15																																																					
Sub-Canopy Species	Density	Avg. Height	Size																																																					
Tag Alder	Medium	5 - 10 feet	Tall Shrub																																																					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																								
11	122 - Road/Parking Lot	Nonstocked	0.3		Unspecified	No	County Road 414.																																								
12	500 - Water	Nonstocked	2.3	0		No																																									
13	4115 - Y.Birch, Hemlock NH	Sawtimber Poor	15.1	100	1-50	N/A	Stand harvested via shelterwood in 2016: Big Timber Mix 42-037-15. Retain all hemlock, yellow birch, red pine and white pine larger than 24", cedar larger than 16", and all single stemmed maple larger than 10" diameter.																																								
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Hemlock</td> <td>30</td> <td>Log</td> <td>17</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>40</td> <td>Log/Pole</td> <td>10</td> <td>100</td> </tr> <tr> <td>Yellow Birch</td> <td>20</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>White Pine</td> <td>10</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Hemlock	30	Log	17		Red Maple	40	Log/Pole	10	100	Yellow Birch	20	Log/Pole	10		White Pine	10	Log/Pole	12																
Canopy Species	% Cover	Size Class	DBH	Age																																											
Hemlock	30	Log	17																																												
Red Maple	40	Log/Pole	10	100																																											
Yellow Birch	20	Log/Pole	10																																												
White Pine	10	Log/Pole	12																																												
14	42290 - Natural Mixed Pine	Poletimber Well	7.7	101	141-170	N/A	Small narrow stand situated on a ridge around the pond.																																								
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Paper Birch</td> <td>20</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>30</td> <td>Log/Pole</td> <td>14</td> <td></td> </tr> <tr> <td>White Pine</td> <td>50</td> <td>Log/Pole</td> <td>10</td> <td>101</td> </tr> </tbody> </table>							Canopy Species	% Cover	Size Class	DBH	Age	Paper Birch	20	Pole	8		Red Pine	30	Log/Pole	14		White Pine	50	Log/Pole	10	101																					
Canopy Species	% Cover	Size Class	DBH	Age																																											
Paper Birch	20	Pole	8																																												
Red Pine	30	Log/Pole	14																																												
White Pine	50	Log/Pole	10	101																																											
15	42200 - Natural White Pine	Sawtimber Well	2.3	100	81-110	N/A																																									
16	6122 - Black Spruce	Sapling Medium	23.5	65	1-50	N/A	Stunted spruce with white pine in association.																																								
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Tamarack</td> <td>10</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Black Spruce</td> <td>55</td> <td>Sapling</td> <td>2</td> <td>65</td> </tr> <tr> <td>White Pine</td> <td>35</td> <td>Sapling/Pole</td> <td>2</td> <td></td> </tr> </tbody> </table>							Canopy Species	% Cover	Size Class	DBH	Age	Tamarack	10	Sapling	2		Black Spruce	55	Sapling	2	65	White Pine	35	Sapling/Pole	2																						
Canopy Species	% Cover	Size Class	DBH	Age																																											
Tamarack	10	Sapling	2																																												
Black Spruce	55	Sapling	2	65																																											
White Pine	35	Sapling/Pole	2																																												
17	429 - Mixed Upland Conifers	Sawtimber Medium	45.9	100	81-110	N/A	Hemlock and white pine a major part of the canopy with pole red maple in many areas. Variable regen. Northern areas more open and wetter.																																								
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>White Spruce</td> <td>2</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>White Pine</td> <td>40</td> <td>XLog/Log</td> <td>20</td> <td>100</td> </tr> <tr> <td>Balsam Fir</td> <td>3</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>18</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Yellow Birch</td> <td>2</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Beech</td> <td>5</td> <td>Log</td> <td>10</td> <td></td> </tr> <tr> <td>Hemlock</td> <td>30</td> <td>Log/Pole</td> <td>13</td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	White Spruce	2	Pole	6		White Pine	40	XLog/Log	20	100	Balsam Fir	3	Pole	6		Red Maple	18	Pole	7		Yellow Birch	2	Pole	7		Beech	5	Log	10		Hemlock	30	Log/Pole	13	
Canopy Species	% Cover	Size Class	DBH	Age																																											
White Spruce	2	Pole	6																																												
White Pine	40	XLog/Log	20	100																																											
Balsam Fir	3	Pole	6																																												
Red Maple	18	Pole	7																																												
Yellow Birch	2	Pole	7																																												
Beech	5	Log	10																																												
Hemlock	30	Log/Pole	13																																												
<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Beech</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>Medium</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Bigtooth Aspen</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Hemlock</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>							Sub-Canopy Species	Density	Avg. Height	Size	Beech	Medium	Variable	Sapling	Red Maple	Medium	>20 feet	Sapling	Balsam Fir	Medium	Variable	Sapling	Bigtooth Aspen	Low	10 - 20 feet	Sapling	Hemlock	Low	Variable	Sapling																	
Sub-Canopy Species	Density	Avg. Height	Size																																												
Beech	Medium	Variable	Sapling																																												
Red Maple	Medium	>20 feet	Sapling																																												
Balsam Fir	Medium	Variable	Sapling																																												
Bigtooth Aspen	Low	10 - 20 feet	Sapling																																												
Hemlock	Low	Variable	Sapling																																												
18	500 - Water	Nonstocked	16.9		Unspecified	No																																									
19	500 - Water	Nonstocked	9.2		Unspecified	No																																									



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																											
20	500 - Water	Nonstocked	17.8			No																																												
21	6224 - Treed Bog	Nonstocked	74.1		Unspecified	No	Stunted black spruce with white pine and tamarack. Majority of the trees are now standing dead.																																											
		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Black Spruce</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Tamarack</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>				Sub-Canopy Species	Density	Avg. Height	Size	Black Spruce	Medium	Variable	Sapling	Tamarack	Low	Variable	Sapling	White Pine	Low	Variable	Sapling																													
Sub-Canopy Species	Density	Avg. Height	Size																																															
Black Spruce	Medium	Variable	Sapling																																															
Tamarack	Low	Variable	Sapling																																															
White Pine	Low	Variable	Sapling																																															
22	42200 - Natural White Pine	Sawtimber Well	58.1	110	81-110	N/A	Stand data from last inventory; stand not visited in 2022/23.																																											
		<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>60</td> <td>Log</td> <td>15</td> <td>110</td> </tr> <tr> <td>Red Pine</td> <td>30</td> <td>Log</td> <td>16</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>10</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> </tbody> </table>						Canopy Species	% Cover	Size Class	DBH	Age	White Pine	60	Log	15	110	Red Pine	30	Log	16		Red Maple	10	Log/Pole	10																								
Canopy Species	% Cover	Size Class	DBH	Age																																														
White Pine	60	Log	15	110																																														
Red Pine	30	Log	16																																															
Red Maple	10	Log/Pole	10																																															
23	500 - Water	Nonstocked	1.1		Unspecified	No																																												
24	4311 - Pine, Aspen Mix	Sawtimber Medium	7.9	100	111-140	N/A																																												
25	500 - Water	Nonstocked	9.2	0		No																																												
26	4191 - Mixed Upland Deciduous with Conifer	Sapling Well	53.4	35	1-50	N/A																																												
		<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>20</td> <td>Log</td> <td>15</td> <td></td> </tr> <tr> <td>Hemlock</td> <td>7</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>35</td> <td>Sapling</td> <td>4</td> <td>35</td> </tr> <tr> <td>Red Pine</td> <td>3</td> <td>Log</td> <td>15</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>10</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>25</td> <td>Sapling</td> <td>3</td> <td></td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table>						Canopy Species	% Cover	Size Class	DBH	Age	White Pine	20	Log	15		Hemlock	7	Log/Pole	10		Bigtooth Aspen	35	Sapling	4	35	Red Pine	3	Log	15		Balsam Fir	10	Sapling	2		Red Maple	25	Sapling	3		Sub-Canopy Species	Density	Avg. Height	Size	White Pine	Low	5 - 10 feet	Sapling
Canopy Species	% Cover	Size Class	DBH	Age																																														
White Pine	20	Log	15																																															
Hemlock	7	Log/Pole	10																																															
Bigtooth Aspen	35	Sapling	4	35																																														
Red Pine	3	Log	15																																															
Balsam Fir	10	Sapling	2																																															
Red Maple	25	Sapling	3																																															
Sub-Canopy Species	Density	Avg. Height	Size																																															
White Pine	Low	5 - 10 feet	Sapling																																															
27	4113 - R.Maple, Conifer	Sawtimber Poor	15.5	85	1-50	N/A	Stand harvested via shelterwood in 2016: Big Timber Mix 42-037-15.																																											
		<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>55</td> <td>Log</td> <td>11</td> <td>85</td> </tr> <tr> <td>White Pine</td> <td>30</td> <td>XLog/Log/Pole</td> <td>19</td> <td></td> </tr> <tr> <td>Hemlock</td> <td>10</td> <td>Log</td> <td>16</td> <td></td> </tr> <tr> <td>Yellow Birch</td> <td>5</td> <td>Pole</td> <td>7</td> <td></td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>						Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	55	Log	11	85	White Pine	30	XLog/Log/Pole	19		Hemlock	10	Log	16		Yellow Birch	5	Pole	7		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Medium	Variable	Sapling	Balsam Fir	Low	Variable	Sapling						
Canopy Species	% Cover	Size Class	DBH	Age																																														
Red Maple	55	Log	11	85																																														
White Pine	30	XLog/Log/Pole	19																																															
Hemlock	10	Log	16																																															
Yellow Birch	5	Pole	7																																															
Sub-Canopy Species	Density	Avg. Height	Size																																															
Red Maple	Medium	Variable	Sapling																																															
Balsam Fir	Low	Variable	Sapling																																															



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
-------	--------------------	--------------	-------	-----------	----------	--------------	------------------

28	4115 - Y.Birch, Hemlock NH	Sawtimber Well	8.0	100	81-110	N/A	
-----------	----------------------------	----------------	-----	-----	--------	-----	--

Canopy Species	% Cover	Size Class	DBH	Age
Yellow Birch	16	Log/Pole	10	
Northern White Cedar	2	Log/Pole	10	
Hemlock	7	Log/Pole	10	
Red Maple	65	Log/Pole	14	100
White Pine	10	Log	14	

29	4130 - Aspen	Sapling Well	40.1	7	1-50	N/A	Stand regenerating well in most places to mostly aspen. Infrequent large white pine retained from harvest. Stand treated via clearcut in 2016: Big Timber Mix 42-037-15.
-----------	--------------	--------------	------	---	------	-----	--

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	15	Sapling	1	7
Hemlock	2	Log	15	
White Pine	9	XLog/Log	20	
Bigtooth Aspen	65	Sapling	1	7
Paper Birch	9	Sapling	1	7

30	500 - Water	Nonstocked	1.5		Unspecified	No	
-----------	-------------	------------	-----	--	-------------	----	--

31	4191 - Mixed Upland Deciduous with Conifer	Sapling Well	9.7	35	1-50	N/A	
-----------	--	--------------	-----	----	------	-----	--

Canopy Species	% Cover	Size Class	DBH	Age
Hemlock	7	Log/Pole	10	
Red Pine	3	Log	15	
Red Maple	30	Sapling/Pole	4	
Bigtooth Aspen	35	Sapling	4	35
White Pine	15	Log	15	
Balsam Fir	10	Sapling	2	

Sub-Canopy Species	Density	Avg. Height	Size
White Pine	Low	5 - 10 feet	Sapling

32	6129 - Mixed Coniferous Lowland Forest	Sawtimber Medium	2.4	100	81-110	N/A	Lowland stand that appears to be wet. White pine, hemlock, cedar, birch.
-----------	--	------------------	-----	-----	--------	-----	--

34	500 - Water	Nonstocked	4.2		Unspecified	No	
-----------	-------------	------------	-----	--	-------------	----	--

35	4319 - Mixed Upland Forest	Sawtimber Medium	7.6	100	1-50	N/A	Areas of the stand dominated by hemlock. Majority of beech within the stand dead and down. Areas of dense beech regeneration 3 - 10'. Harvested via Shelterwood during timber sale: Chris Brown Corner Pine; 42-029-15-01.
-----------	----------------------------	------------------	-----	-----	------	-----	--

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	40	Log/Pole	10	100
Yellow Birch	10	Log/Pole	10	
White Pine	15	XLog/Log	22	
Hemlock	35	Log/Pole	12	

Sub-Canopy Species	Density	Avg. Height	Size
Beech	Low	5 - 10 feet	Sapling
Mountain Maple	Low	< 5 feet	Sapling
Red Maple	Low	5 - 10 feet	Sapling
Hemlock	Medium	Variable	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																					
36	4113 - R.Maple, Conifer	Sapling Well	6.5	19	1-50	N/A	Infrequent scattered larger white pine with a few red pine as residual from past harvest. Red maple, hemlock and spruce dominated regeneration with cedar on the SE edge. Stand harvested via Seed Tree as CHRIS BROWN CORNER PINE #42-029-15.																																																					
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Bigtooth Aspen</td> <td>1</td> <td>Sapling</td> <td>1</td> <td>19</td> </tr> <tr> <td>White Pine</td> <td>12</td> <td>XLog/Log</td> <td>20</td> <td>103</td> </tr> <tr> <td>Hemlock</td> <td>6</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>10</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>2</td> <td>Log</td> <td>17</td> <td>103</td> </tr> <tr> <td>Quaking Aspen</td> <td>1</td> <td>Sapling</td> <td>2</td> <td>19</td> </tr> <tr> <td>Red Maple</td> <td>63</td> <td>Sapling</td> <td>1</td> <td>19</td> </tr> <tr> <td>Northern White Cedar</td> <td>5</td> <td>Sapling</td> <td>2</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Bigtooth Aspen	1	Sapling	1	19	White Pine	12	XLog/Log	20	103	Hemlock	6	Log/Pole	12		Balsam Fir	10	Sapling	2		Red Pine	2	Log	17	103	Quaking Aspen	1	Sapling	2	19	Red Maple	63	Sapling	1	19	Northern White Cedar	5	Sapling	2														
Canopy Species	% Cover	Size Class	DBH	Age																																																								
Bigtooth Aspen	1	Sapling	1	19																																																								
White Pine	12	XLog/Log	20	103																																																								
Hemlock	6	Log/Pole	12																																																									
Balsam Fir	10	Sapling	2																																																									
Red Pine	2	Log	17	103																																																								
Quaking Aspen	1	Sapling	2	19																																																								
Red Maple	63	Sapling	1	19																																																								
Northern White Cedar	5	Sapling	2																																																									
37	6129 - Mixed Coniferous Lowland Forest	Poletimber Medium	6.2	82	81-110	N/A	Canopy dominated by log sized white pine infrequent red pine in association; variable density and levels of canopy closure. Infrequent hemlock pockets. Open upland area dominated by sapling aspen with red maple and paper birch. Areas under canopy have heavier density of spruce, white pine, hemlock and cedar.																																																					
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Paper Birch</td> <td>10</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Black Spruce</td> <td>30</td> <td>Pole</td> <td>9</td> <td>82</td> </tr> <tr> <td>Tamarack</td> <td>15</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>20</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>White Pine</td> <td>25</td> <td>Log</td> <td>16</td> <td>100</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Paper Birch	10	Pole	7		Black Spruce	30	Pole	9	82	Tamarack	15	Pole	7		Northern White Cedar	20	Log/Pole	12		White Pine	25	Log	16	100	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tag Alder</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Low	5 - 10 feet	Tall Shrub																		
Canopy Species	% Cover	Size Class	DBH	Age																																																								
Paper Birch	10	Pole	7																																																									
Black Spruce	30	Pole	9	82																																																								
Tamarack	15	Pole	7																																																									
Northern White Cedar	20	Log/Pole	12																																																									
White Pine	25	Log	16	100																																																								
Sub-Canopy Species	Density	Avg. Height	Size																																																									
Tag Alder	Low	5 - 10 feet	Tall Shrub																																																									
38	42200 - Natural White Pine	Sawtimber Poor	61.3	100	1-50	N/A	Canopy dominated by log sized white pine infrequent red pine in association; variable density and levels of canopy closure. Infrequent hemlock pockets. Open upland area dominated by sapling aspen with red maple and paper birch. Areas under canopy have heavier density of spruce, white pine, hemlock and cedar.																																																					
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Hemlock</td> <td>7</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> <tr> <td>Red Oak</td> <td>2</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>10</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> <tr> <td>White Pine</td> <td>81</td> <td>Log/Pole/XLog</td> <td>15</td> <td>100</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Hemlock	7	Pole/Log	9		Red Oak	2	Pole	8		Red Pine	10	Pole/Log	8		White Pine	81	Log/Pole/XLog	15	100	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>White Spruce</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Paper Birch</td> <td>Low</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>Bigtooth Aspen</td> <td>High</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>Beech</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Northern White Cedar</td> <td>Low</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	White Spruce	Medium	Variable	Sapling	Paper Birch	Low	>20 feet	Sapling	Bigtooth Aspen	High	>20 feet	Sapling	Beech	Low	5 - 10 feet	Sapling	Northern White Cedar	Low	>20 feet	Sapling	White Pine	Low	Variable	Sapling			
Canopy Species	% Cover	Size Class	DBH	Age																																																								
Hemlock	7	Pole/Log	9																																																									
Red Oak	2	Pole	8																																																									
Red Pine	10	Pole/Log	8																																																									
White Pine	81	Log/Pole/XLog	15	100																																																								
Sub-Canopy Species	Density	Avg. Height	Size																																																									
White Spruce	Medium	Variable	Sapling																																																									
Paper Birch	Low	>20 feet	Sapling																																																									
Bigtooth Aspen	High	>20 feet	Sapling																																																									
Beech	Low	5 - 10 feet	Sapling																																																									
Northern White Cedar	Low	>20 feet	Sapling																																																									
White Pine	Low	Variable	Sapling																																																									
39	623 - Emergent Wetland	Nonstocked	31.7		Unspecified	No																																																						
40	500 - Water	Nonstocked	15.9		Unspecified	No																																																						



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
-------	--------------------	--------------	-------	-----------	----------	--------------	------------------

41	4115 - Y.Birch, Hemlock NH	Sawtimber Well	105.8	90	81-110	N/A	Lower quality red maple pole dominated stand with yellow birch, hemlock, white pine, spruce and fir in association. Basal area ranges from 80 - 140; average around 100 ft2. Majority of beech is standing dead resulting in canopy gap with pocket of low or moderate density beech regeneration. Decent mixed conifer saplings including white pine, spruce and hemlock.																																																				
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr><td>Sugar Maple</td><td>13</td><td>Log/Pole</td><td>11</td><td></td></tr> <tr><td>Yellow Birch</td><td>15</td><td>Log/Pole</td><td>11</td><td></td></tr> <tr><td>Red Maple</td><td>44</td><td>Pole</td><td>8</td><td>90</td></tr> <tr><td>White Spruce</td><td>5</td><td>Pole</td><td>8</td><td></td></tr> <tr><td>White Pine</td><td>4</td><td>Log</td><td>17</td><td></td></tr> <tr><td>Beech</td><td>9</td><td>Log/Pole</td><td>12</td><td>90</td></tr> <tr><td>Hemlock</td><td>10</td><td>Log/XLog</td><td>17</td><td></td></tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Sugar Maple	13	Log/Pole	11		Yellow Birch	15	Log/Pole	11		Red Maple	44	Pole	8	90	White Spruce	5	Pole	8		White Pine	4	Log	17		Beech	9	Log/Pole	12	90	Hemlock	10	Log/XLog	17		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr><td>White Spruce</td><td>Low</td><td>>20 feet</td><td>Sapling</td></tr> <tr><td>Beech</td><td>Medium</td><td>5 - 10 feet</td><td>Sapling</td></tr> <tr><td>Hemlock</td><td>Low</td><td>5 - 10 feet</td><td>Sapling</td></tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	White Spruce	Low	>20 feet	Sapling	Beech	Medium	5 - 10 feet	Sapling	Hemlock	Low	5 - 10 feet	Sapling
Canopy Species	% Cover	Size Class	DBH	Age																																																							
Sugar Maple	13	Log/Pole	11																																																								
Yellow Birch	15	Log/Pole	11																																																								
Red Maple	44	Pole	8	90																																																							
White Spruce	5	Pole	8																																																								
White Pine	4	Log	17																																																								
Beech	9	Log/Pole	12	90																																																							
Hemlock	10	Log/XLog	17																																																								
Sub-Canopy Species	Density	Avg. Height	Size																																																								
White Spruce	Low	>20 feet	Sapling																																																								
Beech	Medium	5 - 10 feet	Sapling																																																								
Hemlock	Low	5 - 10 feet	Sapling																																																								

42	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	38.5	37	51-80	N/A	Stand dominated by younger age class of red maple with paper birch, beech and fir slowly recruiting through the log sized hemlock, white pine and maple. Pockets of paper birch entering pole size classes.																																																			
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr><td>White Pine</td><td>5</td><td>Log</td><td>16</td><td></td></tr> <tr><td>Paper Birch</td><td>20</td><td>Pole</td><td>5</td><td></td></tr> <tr><td>Hemlock</td><td>20</td><td>Log</td><td>16</td><td></td></tr> <tr><td>Yellow Birch</td><td>2</td><td>Pole/Sapling</td><td>5</td><td></td></tr> <tr><td>Red Maple</td><td>50</td><td>Pole/Sapling</td><td>5</td><td>37</td></tr> <tr><td>Balsam Fir</td><td>3</td><td>Pole/Sapling</td><td>5</td><td></td></tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	White Pine	5	Log	16		Paper Birch	20	Pole	5		Hemlock	20	Log	16		Yellow Birch	2	Pole/Sapling	5		Red Maple	50	Pole/Sapling	5	37	Balsam Fir	3	Pole/Sapling	5		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr><td>Balsam Fir</td><td>Low</td><td>Variable</td><td>Sapling</td></tr> <tr><td>Beech</td><td>Low</td><td>5 - 10 feet</td><td>Sapling</td></tr> <tr><td>Red Maple</td><td>Low</td><td>Variable</td><td>Sapling</td></tr> <tr><td>Hemlock</td><td>Low</td><td>< 5 feet</td><td>Sapling</td></tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Low	Variable	Sapling	Beech	Low	5 - 10 feet	Sapling	Red Maple	Low	Variable	Sapling	Hemlock	Low	< 5 feet	Sapling
Canopy Species	% Cover	Size Class	DBH	Age																																																						
White Pine	5	Log	16																																																							
Paper Birch	20	Pole	5																																																							
Hemlock	20	Log	16																																																							
Yellow Birch	2	Pole/Sapling	5																																																							
Red Maple	50	Pole/Sapling	5	37																																																						
Balsam Fir	3	Pole/Sapling	5																																																							
Sub-Canopy Species	Density	Avg. Height	Size																																																							
Balsam Fir	Low	Variable	Sapling																																																							
Beech	Low	5 - 10 feet	Sapling																																																							
Red Maple	Low	Variable	Sapling																																																							
Hemlock	Low	< 5 feet	Sapling																																																							

43	500 - Water	Nonstocked	2.6			No	
-----------	-------------	------------	-----	--	--	----	--

44	623 - Emergent Wetland	Nonstocked	37.3		Unspecified	No	
-----------	------------------------	------------	------	--	-------------	----	--

45	42200 - Natural White Pine	Sawtimber Well	6.4	100	81-110	N/A																				
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr><td>White Pine</td><td>80</td><td>Log</td><td>16</td><td>100</td></tr> <tr><td>Red Maple</td><td>10</td><td>Log/Pole</td><td>14</td><td></td></tr> <tr><td>Hemlock</td><td>10</td><td>Log</td><td>14</td><td></td></tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	White Pine	80	Log	16	100	Red Maple	10	Log/Pole	14		Hemlock	10	Log	14						
Canopy Species	% Cover	Size Class	DBH	Age																						
White Pine	80	Log	16	100																						
Red Maple	10	Log/Pole	14																							
Hemlock	10	Log	14																							

46	6224 - Treed Bog	Nonstocked	3.0	0		No	
-----------	------------------	------------	-----	---	--	----	--

47	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	36.5	100	51-80	N/A	Pole red maple with log sizes scattered throughout. Areas dominated by hemlock with older age class of aspen in areas without hemlock. Areas with lower canopy dominated by sapling hardwood; 25' tall.																													
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr><td>White Spruce</td><td>3</td><td>Pole</td><td>7</td><td></td></tr> <tr><td>Red Maple</td><td>42</td><td>Pole</td><td>8</td><td>100</td></tr> <tr><td>Hemlock</td><td>35</td><td>XLog/Log</td><td>18</td><td>100</td></tr> <tr><td>Quaking Aspen</td><td>10</td><td>Log</td><td>12</td><td></td></tr> <tr><td>Beech</td><td>10</td><td>Log</td><td>16</td><td></td></tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	White Spruce	3	Pole	7		Red Maple	42	Pole	8	100	Hemlock	35	XLog/Log	18	100	Quaking Aspen	10	Log	12		Beech	10	Log	16						
Canopy Species	% Cover	Size Class	DBH	Age																																
White Spruce	3	Pole	7																																	
Red Maple	42	Pole	8	100																																
Hemlock	35	XLog/Log	18	100																																
Quaking Aspen	10	Log	12																																	
Beech	10	Log	16																																	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
-------	--------------------	--------------	-------	-----------	----------	--------------	------------------

48	612 - Lowland Coniferous Forest	Sapling Well	68.0	55	1-50	N/A	Infrequent narrow ridges of white pine.
----	---------------------------------	--------------	------	----	------	-----	---

49	42290 - Natural Mixed Pine	Sawtimber Well	38.4	105	81-110	N/A	Low density XL white pine and red pine with either stunted cedar or tamarack/spruce dominated lowlands that give way to low ridges dominated by large white pine with red pine and very infrequent hemlock; black spruce and pine saplings. Infrequent standing dead aspen and paper birch. Wet open areas intermixed.
----	----------------------------	----------------	------	-----	--------	-----	--

Canopy Species	% Cover	Size Class	DBH	Age
Black Spruce	11	Pole	8	
Hemlock	8	XLog/Log	18	
Tamarack	5	Pole/Sapling	6	
Red Pine	22	XLog/Log	18	
Paper Birch	2	Log	10	
White Pine	50	XLog	20	105
Red Maple	2	Pole	7	

50	500 - Water	Nonstocked	1.6		Unspecified	No	
----	-------------	------------	-----	--	-------------	----	--

51	4191 - Mixed Upland Deciduous with Conifer	Sapling Well	54.0	26	1-50	N/A	Stand regenerating well with a mix of maple, Aspen, spruce and fir. Stand harvested via Overstory removal: Chris Brown Corner Pine - 42-029-15.
----	--	--------------	------	----	------	-----	---

Canopy Species	% Cover	Size Class	DBH	Age
Quaking Aspen	28	Sapling	3	
Balsam Fir	21	Sapling	2	
White Pine	8	Sapling	2	
Hemlock	6	Pole	6	
Red Maple	35	Sapling	2	26
White Pine	2	Log/XLog	15	

52	4191 - Mixed Upland Deciduous with Conifer	Sapling Well	65.6	26	1-50	N/A	Stand cut via Overstory Removal: Chris Brown Corner Pine #42-029-15.
----	--	--------------	------	----	------	-----	--

Canopy Species	% Cover	Size Class	DBH	Age
Bigtooth Aspen	33	Sapling	3	
Red Maple	35	Sapling	2	26
White Pine	2	XLog/Log	19	100
Balsam Fir	15	Sapling	3	
White Pine	15	Sapling	2	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
-------	--------------------	--------------	-------	-----------	----------	--------------	------------------

53 6129 - Mixed Coniferous Lowland Forest Poletimber Well 10.8 85 1-50 N/A Some black spruce and white pine poles.

Canopy Species	% Cover	Size Class	DBH	Age
Tamarack	5	Pole	8	
Paper Birch	5	Pole	6	
Red Maple	10	Pole	6	
Northern White Cedar	30	Pole	6	
Black Spruce	40	Pole/Sapling	5	85
White Pine	10	Pole/Log	9	

54 500 - Water Nonstocked 1.3 Unspecified No

55 4191 - Mixed Upland Deciduous with Conifer Sapling Well 36.9 20 1-50 N/A Dense sapling regen in most areas. White pine, hemlock and yellow birch older age class. Stand harvested via Shelterwood with Retention in 2003: Stuart Lake Mix - 42-010-05.

Canopy Species	% Cover	Size Class	DBH	Age
Bigtooth Aspen	35	Sapling	2	20
White Spruce	3	Sapling	1	
White Pine	15	Log/XLog	17	
Yellow Birch	3	Log	12	
Hemlock	5	Pole/Log	9	
Red Maple	39	Sapling	2	20

56 4311 - Pine, Aspen Mix Sawtimber Well 6.6 105 81-110 N/A Stand situated on a ridge.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch	10	Pole/Log	9		Beech	Low	Variable	Sapling
White Pine	50	Log	16	105	Balsam Fir	Medium	5 - 10 feet	Sapling
Quaking Aspen	20	Pole/Log	9		Red Maple	Medium	>20 feet	Sapling
Red Maple	20	Pole	8					

57 500 - Water Nonstocked 5.3 0 No

58 4115 - Y.Birch, Hemlock NH Sawtimber Well 37.4 90 81-110 N/A Mixed stand of red maple with hemlock. Some mortality in red maple logs. Good sapling understory of maple. Areas of small pole red maple recruiting.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Yellow Birch	10	Log	12		Red Maple	Medium	10 - 20 feet	Sapling
Hemlock	30	Log	14		White Pine	Low	< 5 feet	Sapling
Red Maple	50	Pole/Log	9	90	Hemlock	Low	< 5 feet	Sapling
White Pine	10	XLog/Log	20		Beech	Medium	10 - 20 feet	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
-------	--------------------	--------------	-------	-----------	----------	--------------	------------------

59 4191 - Mixed Upland Deciduous with Conifer Sapling Medium 118.4 6 1-50 N/A

Stand regenerating well with red maple in areas with residual hemlock and aspen in more open areas. Many areas of moderate shade conditions with hemlock. Harvested via clearcut w/ reserves in 2017-18; Between the Ponds Aspen: 42-034-15. All hemlock, yellow birch and oak were left, as well as scattered large diameter white pine. Retention was left around low pockets and beaver ponds and areas heavier to hemlock.

Canopy Species	% Cover	Size Class	DBH	Age
Beech	3	Sapling	1	
Hemlock	18	Log/Pole	10	75
Yellow Birch	6	Pole/Log	9	
Red Maple	22	Sapling	1	6
Bigtooth Aspen	37	Sapling	1	6
Black Spruce	10	Sapling	1	6

60 6122 - Black Spruce Poletimber Well 3.0 85 51-80 N/A

61 500 - Water Nonstocked 6.1 0 No

62 6128 - Lowland Coniferous, Mixed Deciduous Sawtimber Medium 47.9 100 51-80 N/A Wet stand with low site index.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Hemlock	10	Log	15		Hemlock	Low	5 - 10 feet	Sapling
Red Maple	20	Pole	6		Beech	Low	10 - 20 feet	Sapling
Paper Birch	10	Pole/Sapling	5		Red Maple	Medium	>20 feet	Sapling
Black Spruce	20	Pole	5					
White Pine	40	Log/Pole	12	100				

63 500 - Water Nonstocked 3.0 0 Unspecified No

64 6224 - Treed Bog Nonstocked 5.2 0 No

65 4311 - Pine, Aspen Mix Sawtimber Well 102.9 85 51-80 N/A

Stand situated on upland ground surrounded by moderate topography and other stands. Over mature aspen with white pine and hemlock. Younger aged red maple, now recruiting or co-dominant. Eastern area has higher component of white pine. There is also a large number of 6" white pine in the canopy.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Hemlock	13	Log	12		Balsam Fir	Low	5 - 10 feet	Sapling
Bigtooth Aspen	35	Log	12	85	White Pine	Low	5 - 10 feet	Sapling
White Pine	41	XLog	20	85	White Spruce	Low	5 - 10 feet	Sapling
Red Maple	11	Pole/Sapling	6					

66 6122 - Black Spruce Sapling Medium 18.7 55 1-50 N/A

Canopy Species	% Cover	Size Class	DBH	Age
Black Spruce	65	Sapling	3	55
Tamarack	10	Sapling	3	
White Pine	25	Log	12	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																								
67	500 - Water	Nonstocked	4.3		Unspecified	No																																									
68	500 - Water	Nonstocked	10.3	0		No																																									
69	42200 - Natural White Pine	Sawtimber Medium	98.8	90	1-50	N/A	White pine overtopping aspen regen with some beech, paper birch, and red maple. Stand harvested via Shelterwood harvest in 2008: Stuart Lake Mix - 42-010-05.																																								
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Oak</td> <td>6</td> <td>Log</td> <td>14</td> <td></td> </tr> <tr> <td>White Pine</td> <td>66</td> <td>Log</td> <td>17</td> <td>90</td> </tr> <tr> <td>Hemlock</td> <td>28</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Oak	6	Log	14		White Pine	66	Log	17	90	Hemlock	28	Log/Pole	10		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Cherry (spp.)</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Bigtooth Aspen</td> <td>High</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>Low</td> <td>< 5 feet</td> <td>Sapling</td> </tr> <tr> <td>Beech</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Cherry (spp.)	Low	10 - 20 feet	Sapling	Bigtooth Aspen	High	10 - 20 feet	Sapling	Red Maple	Low	< 5 feet	Sapling	Beech	Medium	10 - 20 feet	Sapling				
Canopy Species	% Cover	Size Class	DBH	Age																																											
Red Oak	6	Log	14																																												
White Pine	66	Log	17	90																																											
Hemlock	28	Log/Pole	10																																												
Sub-Canopy Species	Density	Avg. Height	Size																																												
Cherry (spp.)	Low	10 - 20 feet	Sapling																																												
Bigtooth Aspen	High	10 - 20 feet	Sapling																																												
Red Maple	Low	< 5 feet	Sapling																																												
Beech	Medium	10 - 20 feet	Sapling																																												
70	6122 - Black Spruce	Sapling Well	4.1	40	1-50	N/A	Mappable black spruce inclusion.																																								
71	4119 - Mixed Northern Hardwoods	Sapling Well	127.6	7	Immature	N/A	Clearcut in 2016 as part of EBC Trail Mix. All hemlock, yellow birch and oak were left, as well as green marked trees. Edges of the stand have most residual. Scattered infrequent pole red maple.																																								
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Hemlock</td> <td>10</td> <td>XLog</td> <td>20</td> <td></td> </tr> <tr> <td>Yellow Birch</td> <td>5</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>15</td> <td>Sapling</td> <td>1</td> <td>7</td> </tr> <tr> <td>Choke Cherry</td> <td>10</td> <td>Sapling</td> <td>1</td> <td>7</td> </tr> <tr> <td>Red Maple</td> <td>50</td> <td>Sapling</td> <td>2</td> <td>7</td> </tr> <tr> <td>Beech</td> <td>10</td> <td>Sapling</td> <td>1</td> <td>7</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Hemlock	10	XLog	20		Yellow Birch	5	Pole/Sapling	5		Bigtooth Aspen	15	Sapling	1	7	Choke Cherry	10	Sapling	1	7	Red Maple	50	Sapling	2	7	Beech	10	Sapling	1	7											
Canopy Species	% Cover	Size Class	DBH	Age																																											
Hemlock	10	XLog	20																																												
Yellow Birch	5	Pole/Sapling	5																																												
Bigtooth Aspen	15	Sapling	1	7																																											
Choke Cherry	10	Sapling	1	7																																											
Red Maple	50	Sapling	2	7																																											
Beech	10	Sapling	1	7																																											
72	500 - Water	Nonstocked	11.1		Unspecified	No																																									
73	42220 - Natural Jack Pine	Poletimber Well	33.5	40	81-110	N/A	Stand now entering pole size classes in most areas. Some areas of co-dominant sapling Jack pine. No stand health concerns at this time. Inclusion of dense aspen saplings along the eastern edge of the stand.																																								
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>10</td> <td>Log</td> <td>16</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>5</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Jack Pine</td> <td>85</td> <td>Pole</td> <td>6</td> <td>40</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	White Pine	10	Log	16		Bigtooth Aspen	5	Pole	6		Jack Pine	85	Pole	6	40	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Jack Pine</td> <td>Low</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Jack Pine	Low	>20 feet	Sapling	White Pine	Medium	10 - 20 feet	Sapling												
Canopy Species	% Cover	Size Class	DBH	Age																																											
White Pine	10	Log	16																																												
Bigtooth Aspen	5	Pole	6																																												
Jack Pine	85	Pole	6	40																																											
Sub-Canopy Species	Density	Avg. Height	Size																																												
Jack Pine	Low	>20 feet	Sapling																																												
White Pine	Medium	10 - 20 feet	Sapling																																												



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																												
74	4136 - Aspen, Mixed Conifer	Sapling Medium	144.3	7	Immature	N/A	Some areas of mediocre regeneration. Areas of heavy conifer regeneration. Clearcut in 2016 as part of EBC Trail Mix. Scattered residual trees from last harvest including white pine and hemlock.																																																												
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Bigtooth Aspen</td> <td>45</td> <td>Sapling</td> <td>1</td> <td>7</td> </tr> <tr> <td>White Spruce</td> <td>15</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>White Pine</td> <td>8</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>5</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Beech</td> <td>2</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>White Pine</td> <td>10</td> <td>Log</td> <td>14</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>15</td> <td>Sapling</td> <td>1</td> <td>7</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Bigtooth Aspen	45	Sapling	1	7	White Spruce	15	Sapling	1		White Pine	8	Sapling	1		Paper Birch	5	Sapling	1		Beech	2	Sapling	1		White Pine	10	Log	14		Red Maple	15	Sapling	1	7	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Jack Pine</td> <td>Low</td> <td>< 5 feet</td> <td>Seeding</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Jack Pine	Low	< 5 feet	Seeding															
Canopy Species	% Cover	Size Class	DBH	Age																																																															
Bigtooth Aspen	45	Sapling	1	7																																																															
White Spruce	15	Sapling	1																																																																
White Pine	8	Sapling	1																																																																
Paper Birch	5	Sapling	1																																																																
Beech	2	Sapling	1																																																																
White Pine	10	Log	14																																																																
Red Maple	15	Sapling	1	7																																																															
Sub-Canopy Species	Density	Avg. Height	Size																																																																
Jack Pine	Low	< 5 feet	Seeding																																																																
76	42350 - Upland Hemlock	Sawtimber Medium	8.8	100	51-80	N/A	Clearcut in 2016 as part of EBC Trail Mix. All hemlock, yellow birch and oak were left, as well as green marked trees. Residual (~60 BA) is mainly hemlock with red maple, white pine and cedar.																																																												
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Hemlock</td> <td>70</td> <td>Log</td> <td>16</td> <td>100</td> </tr> <tr> <td>Northern White Cedar</td> <td>5</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>15</td> <td>Log/Pole</td> <td>10</td> <td>100</td> </tr> <tr> <td>White Pine</td> <td>10</td> <td>XLog/Log</td> <td>18</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Hemlock	70	Log	16	100	Northern White Cedar	5	Log/Pole	12		Red Maple	15	Log/Pole	10	100	White Pine	10	XLog/Log	18		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Beech</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Medium	10 - 20 feet	Sapling	Beech	Low	5 - 10 feet	Sapling																										
Canopy Species	% Cover	Size Class	DBH	Age																																																															
Hemlock	70	Log	16	100																																																															
Northern White Cedar	5	Log/Pole	12																																																																
Red Maple	15	Log/Pole	10	100																																																															
White Pine	10	XLog/Log	18																																																																
Sub-Canopy Species	Density	Avg. Height	Size																																																																
Red Maple	Medium	10 - 20 feet	Sapling																																																																
Beech	Low	5 - 10 feet	Sapling																																																																
77	42200 - Natural White Pine	Sawtimber Medium	53.2	100	1-50	N/A	Stand regenerating with mixed light conditions depending on density of residual. White pine dominated canopy with a band of log sized red pine canopy. Aspen saplings with white pine in association in areas of little residual; recruiting well in those areas. Harvested via Shelterwood: 42-008-05. Regeneration check in 2013: 525 TPA of jack pine.																																																												
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Pine</td> <td>15</td> <td>Log</td> <td>15</td> <td></td> </tr> <tr> <td>White Pine</td> <td>85</td> <td>Log/Pole</td> <td>13</td> <td>100</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Red Pine	15	Log	15		White Pine	85	Log/Pole	13	100	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Medium</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>Jack Pine</td> <td>Low</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Medium</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>Bigtooth Aspen</td> <td>Medium</td> <td>>20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Medium	>20 feet	Sapling	Jack Pine	Low	>20 feet	Sapling	Balsam Fir	Medium	>20 feet	Sapling	Bigtooth Aspen	Medium	>20 feet	Sapling																												
Canopy Species	% Cover	Size Class	DBH	Age																																																															
Red Pine	15	Log	15																																																																
White Pine	85	Log/Pole	13	100																																																															
Sub-Canopy Species	Density	Avg. Height	Size																																																																
Red Maple	Medium	>20 feet	Sapling																																																																
Jack Pine	Low	>20 feet	Sapling																																																																
Balsam Fir	Medium	>20 feet	Sapling																																																																
Bigtooth Aspen	Medium	>20 feet	Sapling																																																																
78	429 - Mixed Upland Conifers	Sawtimber Well	80.7	100	81-110	N/A	Stand is variable canopy composition. White pine dominated with aspen, white pine, red maple and some birch co-dominant.																																																												
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>12</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>18</td> <td>Pole/Log</td> <td>8</td> <td>55</td> </tr> <tr> <td>Black Spruce</td> <td>5</td> <td>Pole</td> <td>9</td> <td></td> </tr> <tr> <td>White Pine</td> <td>43</td> <td>Log/XLog/Pole</td> <td>16</td> <td>100</td> </tr> <tr> <td>Red Pine</td> <td>7</td> <td>Log</td> <td>12</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>3</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Jack Pine</td> <td>5</td> <td>Pole</td> <td>9</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>7</td> <td>Pole</td> <td>7</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Red Maple	12	Pole	6		Quaking Aspen	18	Pole/Log	8	55	Black Spruce	5	Pole	9		White Pine	43	Log/XLog/Pole	16	100	Red Pine	7	Log	12		Balsam Fir	3	Pole	6		Jack Pine	5	Pole	9		Paper Birch	7	Pole	7		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>Low</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>Medium</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Low	>20 feet	Sapling	Red Maple	Medium	>20 feet	Sapling	White Pine	Medium	Variable	Sapling		
Canopy Species	% Cover	Size Class	DBH	Age																																																															
Red Maple	12	Pole	6																																																																
Quaking Aspen	18	Pole/Log	8	55																																																															
Black Spruce	5	Pole	9																																																																
White Pine	43	Log/XLog/Pole	16	100																																																															
Red Pine	7	Log	12																																																																
Balsam Fir	3	Pole	6																																																																
Jack Pine	5	Pole	9																																																																
Paper Birch	7	Pole	7																																																																
Sub-Canopy Species	Density	Avg. Height	Size																																																																
Balsam Fir	Low	>20 feet	Sapling																																																																
Red Maple	Medium	>20 feet	Sapling																																																																
White Pine	Medium	Variable	Sapling																																																																
79	42120 - Planted Jack Pine	Sapling Medium	67.5	7	Immature	N/A	Some areas of regeneration below the snow line. Regen check in 2018 1st year check: Successful jack pine regen and volunteer trees. Failed scarification. Hand planted to Jack pine on 5/19/16. Stand harvested via Clearcut in 2007: East Branch Club JP - 42-008-05.																																																												
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Bigtooth Aspen</td> <td>4</td> <td>Sapling</td> <td>2</td> <td>7</td> </tr> <tr> <td>Red Pine</td> <td>4</td> <td>Log/XLog</td> <td>16</td> <td></td> </tr> <tr> <td>White Pine</td> <td>8</td> <td>Log/XLog</td> <td>16</td> <td></td> </tr> <tr> <td>Jack Pine</td> <td>84</td> <td>Sapling</td> <td>2</td> <td>7</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Bigtooth Aspen	4	Sapling	2	7	Red Pine	4	Log/XLog	16		White Pine	8	Log/XLog	16		Jack Pine	84	Sapling	2	7																																								
Canopy Species	% Cover	Size Class	DBH	Age																																																															
Bigtooth Aspen	4	Sapling	2	7																																																															
Red Pine	4	Log/XLog	16																																																																
White Pine	8	Log/XLog	16																																																																
Jack Pine	84	Sapling	2	7																																																															



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																		
80	42220 - Natural Jack Pine	Poletimber Well	60.3	71	81-110	N/A	Jack pine dominated stand with infrequent aspen. Occasional Jack pine mortality.																																																		
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>8</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Jack Pine</td> <td>85</td> <td>Pole</td> <td>7</td> <td>71</td> </tr> <tr> <td>Red Pine</td> <td>5</td> <td>Log</td> <td>14</td> <td></td> </tr> <tr> <td>White Pine</td> <td>2</td> <td>Log</td> <td>13</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	8	Pole	6		Jack Pine	85	Pole	7	71	Red Pine	5	Log	14		White Pine	2	Log	13		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	White Pine	Medium	Variable	Sapling																					
Canopy Species	% Cover	Size Class	DBH	Age																																																					
Quaking Aspen	8	Pole	6																																																						
Jack Pine	85	Pole	7	71																																																					
Red Pine	5	Log	14																																																						
White Pine	2	Log	13																																																						
Sub-Canopy Species	Density	Avg. Height	Size																																																						
White Pine	Medium	Variable	Sapling																																																						
81	42290 - Natural Mixed Pine	Sawtimber Well	17.7	100	81-110	N/A	Log sized white pine and red pine canopy. Some white pine regen with and maple. Canopy gaps show moderate aspen regeneration with red maple; 3 - 25' tall. Jack pine falling out of stand.																																																		
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Pine</td> <td>40</td> <td>XLog/Log</td> <td>18</td> <td>100</td> </tr> <tr> <td>Jack Pine</td> <td>10</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>White Pine</td> <td>47</td> <td>Log/XLog</td> <td>16</td> <td>100</td> </tr> <tr> <td>Bigtooth Aspen</td> <td>3</td> <td>Log</td> <td>12</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Pine	40	XLog/Log	18	100	Jack Pine	10	Pole	8		White Pine	47	Log/XLog	16	100	Bigtooth Aspen	3	Log	12		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Bigtooth Aspen</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Low	Variable	Sapling	Bigtooth Aspen	Low	Variable	Sapling	White Pine	Low	5 - 10 feet	Sapling													
Canopy Species	% Cover	Size Class	DBH	Age																																																					
Red Pine	40	XLog/Log	18	100																																																					
Jack Pine	10	Pole	8																																																						
White Pine	47	Log/XLog	16	100																																																					
Bigtooth Aspen	3	Log	12																																																						
Sub-Canopy Species	Density	Avg. Height	Size																																																						
Red Maple	Low	Variable	Sapling																																																						
Bigtooth Aspen	Low	Variable	Sapling																																																						
White Pine	Low	5 - 10 feet	Sapling																																																						
82	6224 - Treed Bog	Nonstocked	3.9	0	Unspecified	No																																																			
83	6127 - Lowland Pine	Sawtimber Medium	22.4	100	81-110	N/A	Wet ground. Not set up with when adjacent stand was harvested.																																																		
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Hemlock</td> <td>10</td> <td>Log</td> <td>18</td> <td></td> </tr> <tr> <td>White Pine</td> <td>80</td> <td>Log/Pole</td> <td>14</td> <td>100</td> </tr> <tr> <td>Paper Birch</td> <td>10</td> <td>Pole</td> <td>7</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Hemlock	10	Log	18		White Pine	80	Log/Pole	14	100	Paper Birch	10	Pole	7		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>Low</td> <td>< 5 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Tag Alder</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Low	< 5 feet	Sapling	White Pine	Low	5 - 10 feet	Sapling	Tag Alder	Medium	5 - 10 feet	Tall Shrub																		
Canopy Species	% Cover	Size Class	DBH	Age																																																					
Hemlock	10	Log	18																																																						
White Pine	80	Log/Pole	14	100																																																					
Paper Birch	10	Pole	7																																																						
Sub-Canopy Species	Density	Avg. Height	Size																																																						
Balsam Fir	Low	< 5 feet	Sapling																																																						
White Pine	Low	5 - 10 feet	Sapling																																																						
Tag Alder	Medium	5 - 10 feet	Tall Shrub																																																						
84	6139 - Mixed Lowland Forest	Poletimber Well	10.6	90	51-80	N/A	Mix of white pine, white birch, aspen, maple. Aspen dying. Low, wet ground/drainage between ponds.																																																		
85	500 - Water	Nonstocked	2.4			No																																																			
87	4191 - Mixed Upland Deciduous with Conifer	Sapling Medium	10.8	6	1-50	N/A	Young age class of mostly red maple recruiting well with wet areas of cedar or grass. Scattered residual. Shelterwood harvested in 2017 as part of Big Timber Mix, #037-15.																																																		
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Northern White Cedar</td> <td>2</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>23</td> <td>Sapling</td> <td>1</td> <td>6</td> </tr> <tr> <td>Yellow Birch</td> <td>4</td> <td>Log/Pole</td> <td>11</td> <td></td> </tr> <tr> <td>White Pine</td> <td>10</td> <td>XLog/Log</td> <td>18</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>40</td> <td>Sapling</td> <td>1</td> <td>6</td> </tr> <tr> <td>Balsam Fir</td> <td>6</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>White Pine</td> <td>8</td> <td>Sapling</td> <td>1</td> <td>6</td> </tr> <tr> <td>Beech</td> <td>5</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Hemlock</td> <td>2</td> <td>Sapling</td> <td>1</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Northern White Cedar	2	Sapling	1		Bigtooth Aspen	23	Sapling	1	6	Yellow Birch	4	Log/Pole	11		White Pine	10	XLog/Log	18		Red Maple	40	Sapling	1	6	Balsam Fir	6	Sapling	1		White Pine	8	Sapling	1	6	Beech	5	Sapling	1		Hemlock	2	Sapling	1							
Canopy Species	% Cover	Size Class	DBH	Age																																																					
Northern White Cedar	2	Sapling	1																																																						
Bigtooth Aspen	23	Sapling	1	6																																																					
Yellow Birch	4	Log/Pole	11																																																						
White Pine	10	XLog/Log	18																																																						
Red Maple	40	Sapling	1	6																																																					
Balsam Fir	6	Sapling	1																																																						
White Pine	8	Sapling	1	6																																																					
Beech	5	Sapling	1																																																						
Hemlock	2	Sapling	1																																																						



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
-------	--------------------	--------------	-------	-----------	----------	--------------	------------------

88 4191 - Mixed Upland Deciduous with Conifer Sapling Medium 7.4 6 1-50 N/A Young age class of mostly red maple recruiting well with wet areas of cedar or grass. Scattered residual. Shelterwood harvested in 2017 as part of Big Timber Mix, #037-15.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	40	Sapling	1	6
Balsam Fir	6	Sapling	1	
White Pine	8	Sapling	1	6
Hemlock	2	Sapling	1	
Beech	5	Sapling	1	
Northern White Cedar	2	Sapling	1	
Yellow Birch	4	Log/Pole	11	
Bigtooth Aspen	23	Sapling	1	6
White Pine	10	XLog/Log	18	

89 42200 - Natural White Pine Sawtimber Poor 20.9 100 81-110 N/A Lower density canopy comprised of mostly small log sized white pine with hemlock and paper birch in association; infrequent red maple. A lot of birch dying. Understory is recruiting to the canopy well (20' - 30' tall), dominated by beech, balsam, spruce, hemlock, red maple; some of the understory close to entering pole size class; infrequent cedar in pockets; infrequent bigtooth aspen in open canopy on knobs.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Hemlock	12	Log	17		Balsam Fir	Medium	>20 feet	Sapling
Red Maple	2	Pole	6		White Spruce	Medium	>20 feet	Sapling
Paper Birch	6	Pole	7		White Pine	Low	10 - 20 feet	Sapling
White Pine	80	Log/Pole	13	100	Northern White Cedar	Trace	5 - 10 feet	Sapling
					Red Maple	Medium	>20 feet	Sapling

90 4191 - Mixed Upland Deciduous with Conifer Sapling Well 17.3 5 1-50 N/A Shelterwood harvested in 2018 as part of Big Timber Mix, #037-15. Residual targeted for ~30 BA.

Canopy Species	% Cover	Size Class	DBH	Age
Balsam Fir	10	Sapling	1	
Paper Birch	8	Sapling	1	
White Pine	10	Sapling	1	
Red Maple	35	Sapling	1	5
Bigtooth Aspen	25	Sapling	1	5
Hemlock	2	Log	16	
White Pine	10	Log	14	100



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
-------	--------------------	--------------	-------	-----------	----------	--------------	------------------

91 4193 - Birch, Aspen Sapling Well 2.6 6 1-50 N/A Young age class of aspen, cherry, yellow birch and red maple. Scattered older aged residual yellow birch and white pine. Shelterwood harvested in 2017 as part of Big Timber Mix, #037-15.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine	6	Log	13		Beech	Low	< 5 feet	Sapling
Black Cherry	5	Sapling	1	6				
Beech	2	Sapling	1					
Yellow Birch	12	Log	12					
Bigtooth Aspen	35	Sapling	1	6				
Hemlock	2	Pole	7					
Red Maple	16	Sapling	1	6				
Yellow Birch	20	Sapling	1	6				
White Spruce	2	Sapling	1					

92 4311 - Pine, Aspen Mix Sawtimber Well 132.2 85 51-80 N/A Suttle topography through the stand. Knobs dominated by aspen poles and XL white pine; some white pine regeneration with spruce and fir underneath aspen. Variable size class of aspen from areas just getting to pole sized to areas of log sizes. Other uplands in center and eastern portions of stand have less aspen and more of a red pine log component. Lower areas of stand show more diversity with spruce and red maple. Pockets of sapling tamarack and spruce scattered throughout. Some low areas have a cedar component.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Northern White Cedar	2	Pole/Log	9		White Pine	Medium	Variable	Sapling
White Pine	34	Log/XLog	16	85	Black Spruce	Low	>20 feet	Sapling
Red Maple	8	Pole	7		Balsam Fir	Low	5 - 10 feet	Sapling
Bigtooth Aspen	33	Pole/Log	8	68				
Tamarack	2	Pole	6					
Yellow Birch	2	Log	10					
Red Pine	10	Log/XLog	16					
Hemlock	2	Pole	6					
Beech	7	Log	10					

93 6122 - Black Spruce Poletimber Medium 19.9 100 51-80 N/A

Canopy Species	% Cover	Size Class	DBH	Age
Paper Birch	10	Pole	3	
Black Spruce	50	Pole	9	100
Northern White Cedar	10	Pole	5	
White Pine	20	Log	16	
Red Maple	10	Sapling	2	

94 42290 - Natural Mixed Pine Sawtimber Well 11.9 105 111-140 N/A Larger age class of white pine with red pine and hemlock than adjacent stands. Infrequent old aspen.

Canopy Species	% Cover	Size Class	DBH	Age
White Pine	55	XLog	20	105
Hemlock	20	Log	17	105
Red Pine	5	XLog	18	
Red Maple	20	Pole	7	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																																
95	4311 - Pine, Aspen Mix	Sawtimber Well	6.6	100	51-80	N/A	Retention area from stand 59. Heavier to hemlock in areas.																																																																
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>10</td> <td>Sapling/Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>40</td> <td>Log</td> <td>12</td> <td>85</td> </tr> <tr> <td>White Pine</td> <td>50</td> <td>Log/XLog/Pole</td> <td>14</td> <td>100</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	10	Sapling/Pole	7		Bigtooth Aspen	40	Log	12	85	White Pine	50	Log/XLog/Pole	14	100	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Low	5 - 10 feet	Sapling	White Pine	Low	5 - 10 feet	Sapling																																				
Canopy Species	% Cover	Size Class	DBH	Age																																																																			
Red Maple	10	Sapling/Pole	7																																																																				
Bigtooth Aspen	40	Log	12	85																																																																			
White Pine	50	Log/XLog/Pole	14	100																																																																			
Sub-Canopy Species	Density	Avg. Height	Size																																																																				
Balsam Fir	Low	5 - 10 feet	Sapling																																																																				
White Pine	Low	5 - 10 feet	Sapling																																																																				
96	4115 - Y.Birch, Hemlock NH	Sawtimber Well	15.9	84	51-80	N/A	Acquired in 2018 as part of TNC trade. Stand thinned in somewhat recent past leaving all hemlock. Pockets of dense maple, beech and birch Regen. Other areas dominated by hemlock, sometimes in pockets and sometimes scattered. Small drainage through stand.																																																																
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>40</td> <td>Pole/Log</td> <td>8</td> <td>84</td> </tr> <tr> <td>Beech</td> <td>8</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>White Spruce</td> <td>7</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Sugar Maple</td> <td>5</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Yellow Birch</td> <td>10</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Hemlock</td> <td>28</td> <td>Log</td> <td>13</td> <td></td> </tr> <tr> <td>White Pine</td> <td>2</td> <td>Log</td> <td>16</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	40	Pole/Log	8	84	Beech	8	Log/Pole	10		White Spruce	7	Log/Pole	10		Sugar Maple	5	Pole/Log	8		Yellow Birch	10	Pole	6		Hemlock	28	Log	13		White Pine	2	Log	16		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Yellow Birch</td> <td>Medium</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>Cherry (spp.)</td> <td>Low</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>Medium</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>Beech</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Yellow Birch	Medium	>20 feet	Sapling	White Pine	Low	>20 feet	Sapling	Cherry (spp.)	Low	>20 feet	Sapling	Red Maple	Medium	>20 feet	Sapling	Beech	Medium	10 - 20 feet	Sapling				
Canopy Species	% Cover	Size Class	DBH	Age																																																																			
Red Maple	40	Pole/Log	8	84																																																																			
Beech	8	Log/Pole	10																																																																				
White Spruce	7	Log/Pole	10																																																																				
Sugar Maple	5	Pole/Log	8																																																																				
Yellow Birch	10	Pole	6																																																																				
Hemlock	28	Log	13																																																																				
White Pine	2	Log	16																																																																				
Sub-Canopy Species	Density	Avg. Height	Size																																																																				
Yellow Birch	Medium	>20 feet	Sapling																																																																				
White Pine	Low	>20 feet	Sapling																																																																				
Cherry (spp.)	Low	>20 feet	Sapling																																																																				
Red Maple	Medium	>20 feet	Sapling																																																																				
Beech	Medium	10 - 20 feet	Sapling																																																																				
97	6122 - Black Spruce	Sapling Poor	4.3	40	1-50	N/A	Mappable black spruce inclusion.																																																																
98	42201 - Natural White Pine, Mixed Deciduous	Sawtimber Well	4.8	100	81-110	N/A	Stand situated on a narrow ridge within the land complex. Stand not visited this year of entry.																																																																
99	500 - Water	Nonstocked	2.3			No																																																																	
100	42200 - Natural White Pine	Sawtimber Medium	4.8	100	81-110	N/A	Stand not visited this year of entry. Creek blocks the stand from access from state land. Historical notes indicate stand was harvested the same time period as the adjacent stand with higher residual canopy retained.																																																																
101	42201 - Natural White Pine, Mixed Deciduous	Sawtimber Well	3.0	100	81-110	N/A	Small stand unharvested from adjacent timber sale. Wet open area on the eastern fringe of stand.																																																																
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>70</td> <td>XLog/Log</td> <td>19</td> <td>100</td> </tr> <tr> <td>Red Maple</td> <td>20</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>Red Oak</td> <td>10</td> <td>Log</td> <td>13</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	White Pine	70	XLog/Log	19	100	Red Maple	20	Log/Pole	12		Red Oak	10	Log	13																																																			
Canopy Species	% Cover	Size Class	DBH	Age																																																																			
White Pine	70	XLog/Log	19	100																																																																			
Red Maple	20	Log/Pole	12																																																																				
Red Oak	10	Log	13																																																																				
102	6122 - Black Spruce	Sapling Well	3.9	55	1-50	N/A																																																																	
103	4139 - Aspen, Mixed Deciduous	Sapling Well	14.6	30	Immature	N/A	Stand delineated from photo interpretation. Aspen saplings with birch and maple in association. Scattered supercanopy white pine. Center of stand has larger diameters.																																																																



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
-------	--------------------	--------------	-------	-----------	----------	--------------	------------------

104 4191 - Mixed Upland Deciduous with Conifer Sapling Well 6.8 35 1-50 N/A

Canopy Species	% Cover	Size Class	DBH	Age
Bigtooth Aspen	35	Sapling	4	35
Hemlock	7	Log/Pole	10	
Red Maple	27	Sapling	3	
Balsam Fir	10	Sapling	2	
Red Pine	3	Log	15	
White Pine	18	Log	15	

Sub-Canopy Species	Density	Avg. Height	Size
White Pine	Low	5 - 10 feet	Sapling

105 623 - Emergent Wetland Nonstocked 2.9 Unspecified No

106 42350 - Upland Hemlock Sawtimber Poor 8.8 100 1-50 N/A

Canopy Species	% Cover	Size Class	DBH	Age
Yellow Birch	10	Pole/Log	9	
Hemlock	70	Log	11	100
White Pine	10	Log	12	
Black Spruce	4	Pole	6	
Balsam Fir	6	Pole	6	

Sub-Canopy Species	Density	Avg. Height	Size
Bigtooth Aspen	Medium	10 - 20 feet	Sapling
Balsam Fir	Medium	Variable	Sapling
Red Maple	High	10 - 20 feet	Sapling

Stand dominated by moderate density hemlock with infrequent pole yellow birch and white pine. Red maple regen with aspen. Shelterwood harvested in 2016/2018: Big Timber Mix 42-37-15. Residual basal area around 50 basal area. New stand post harvest.

107 4220 - Natural White Pine Poletimber Well 3.0 70 81-110 N/A

108 623 - Emergent Wetland Nonstocked 4.4 Unspecified No

109 42290 - Natural Mixed Pine Sawtimber Well 5.0 105 81-110 N/A

Canopy Species	% Cover	Size Class	DBH	Age
White Pine	40	XLog	24	105
Red Maple	20	Pole	7	
Hemlock	20	Log	16	
Red Pine	20	XLog/Log	18	

110 500 - Water Nonstocked 5.7 No

112 6239 - Mixed Emergent Wetland Nonstocked 4.0 0 Unspecified No



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
-------	--------------------	--------------	-------	-----------	----------	--------------	------------------

113 429 - Mixed Upland Conifers Poletimber Well 11.1 94 81-110 N/A Stand situated in somewhat lower ground with a subtle ridge on the southwestern edge and a ridge with some aspen on the northern side near a pond. Acquired in 2018 as part of TNC trade.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	27	Pole	7	
Quaking Aspen	8	Pole/Log	8	
Yellow Birch	4	Pole	8	
White Pine	35	Pole/Log/XLog	9	94
Hemlock	23	Pole/Log/XLog	8	
Balsam Fir	3	Sapling/Pole	4	

114 6122 - Black Spruce Sapling Well 5.8 70 1-50 N/A Mappable black spruce inclusion.

Canopy Species	% Cover	Size Class	DBH	Age
Paper Birch	5	Pole	7	
Northern White Cedar	15	Sapling/Pole	3	
Black Spruce	65	Sapling/Pole	3	70
Red Maple	10	Pole/Sapling	5	
Tamarack	5	Sapling/Pole	3	

115 6122 - Black Spruce Sapling Poor 5.9 40 1-50 N/A Mappable black spruce inclusion.

116 6122 - Black Spruce Sapling Well 4.6 40 1-50 N/A Mappable black spruce inclusion with more of a cedar hemlock component as you move northeast.

117 6224 - Treed Bog Nonstocked 2.2 Unspecified No Stunted black spruce with white pine and tamarack. Majority of the trees are now standing dead.

Sub-Canopy Species	Density	Avg. Height	Size
White Pine	Low	Variable	Sapling
Black Spruce	Medium	Variable	Sapling
Tamarack	Low	Variable	Sapling

118 429 - Mixed Upland Conifers Sawtimber Well 17.6 95 111-140 N/A New diliniated stand that borders an unnamed pond to the south. Narrow two-track bisects the stand near the lake. Hemlock dominated with white pine in association and red maple poles in gaps. Heavy hemlock regenerating in areas.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	2	Pole	6		Black Spruce	Low	5 - 10 feet	Sapling
White Pine	11	Log/Pole/XLog	10		Red Maple	Low	Variable	Sapling
Black Spruce	2	Pole	6		Hemlock	Medium	Variable	Sapling
Beech	1	Log	10					
Yellow Birch	12	Pole/Log	8					
Red Maple	18	Pole	7					
Hemlock	48	Log/XLog	14	95				
Bigtooth Aspen	6	Log	14					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																									
119	6122 - Black Spruce	Sapling Well	6.4	55	1-50	N/A	Black spruce dominated with some white pine and tamarack.																									
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black Spruce</td> <td>65</td> <td>Sapling/Pole</td> <td>3</td> <td>55</td> </tr> <tr> <td>White Pine</td> <td>25</td> <td>Pole/Log/XLog</td> <td>8</td> <td></td> </tr> <tr> <td>Tamarack</td> <td>6</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Hemlock</td> <td>4</td> <td>Sapling</td> <td>3</td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Black Spruce	65	Sapling/Pole	3	55	White Pine	25	Pole/Log/XLog	8		Tamarack	6	Sapling	2		Hemlock	4	Sapling	3	
Canopy Species	% Cover	Size Class	DBH	Age																												
Black Spruce	65	Sapling/Pole	3	55																												
White Pine	25	Pole/Log/XLog	8																													
Tamarack	6	Sapling	2																													
Hemlock	4	Sapling	3																													
122	6229 - Mixed lowland shrub	Nonstocked	8.4	0	Unspecified	No	White pine, hemlock, cedar, birch. Low, wet drainage.																									