



Compartment Review Presentation

Newberry Forest Management Unit

Compartment 42083

Entry Year 2025

Acreage: 4,831

County Luce

Management Area: Seney Lake Plain

Stand Examiner: Lester Livermore

Legal Description:

T47N R09W Section(s) 19, 20, 21, 28, 29, 30, 31, 32, 33

Identified Planning Goals:

To maintain a healthy, sustainable forest ecosystem with special emphasis on unique communities and wildlife habitat.

Soil and topography:

The majority of the compartment is comprised of low, wet marshes (Markey mucky peat; Dawson, Greenwood, and Loxley soils; Carbondale, Lupton, and Tawas soils; Spot-Dawson peats; and Spot-Finch complex), with sand ridges interspersed (Rousseau fine sand and Rousseau-Spot complex).

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

Primarily state ownership within and around the compartment, with some private in-holdings. Most in-holdings have camps and are used primarily for hunting. Development is negligible due to the extensive lowlands.

Unique Natural Features:

Muskeg, Poor Fen and Bog communities have been identified within the compartment.

Archeological, Historical, and Cultural Features:

No Archeological, Historical, or Cultural Features known.

Special Management Designations or Considerations:

M-123 is designated as a Scenic Heritage Route by MDOT.

Watershed and Fisheries Considerations:

ELSMU-Cory Kovacs

This compartment has Auger Creek flowing through the middle. This section of Auger Creek is not a designated trout stream (reaches upstream of M-123 are) and is listed as a cold stream in the Valley Segment Classification. Predicted mean July temperature for Auger Creek is 64.6°F which is outside the optimal range for brook trout. With that said, it is likely this section of Auger Creek in the compartment does not contain brook trout. This stretch of stream is mostly suitable to white suckers, northern pike, yellow perch, pumpkinseed sunfish, chubs, and other minnow species. The key benefit of Auger Creek is a nursery area for the fore mentioned species, which help to provide a fishery in the Tahquamenon River. All prescribed treatments need to maintain a 100-ft riparian management zone along the river and the small lakes and ponds located in this compartment.

Wildlife Habitat Considerations:

This compartment is located in the Seney Sand Lake Plain ecological sub-subsection. Marsh, lowland brush, narrow ridges of jack pine, and treed bogs make up a significant portion of the compartment. Vegetative diversity is low in the compartment and appears to be consistent with presettlement times.

Maintaining structural and species diversity as much as possible in harvested stands will help achieve wildlife objectives in this compartment. All mast producing species will be preserved in managed stands and scattered conifers will be retained post harvest to provide structural diversity. Wildlife featured species in this management area include woodcock, blackburnian warbler, black bear, American marten, red crossbill, snowshoe hare and ruffed, spruce and sharp-tailed grouse, woodthrush, white-tailed deer and black backed woodpecker. Moose is also an important species in this sub-section.

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. No active sand/gravel pits are known to exist in the area. Most of the compartment is covered by wetlands, which would inhibit any significant surface mining. 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:

Primary vehicle access is via State highway M-123, which bisects the compartment. County Road 510 (Skyline Road) also exists within the compartment heading east from M-123. The Williams Road also runs through a portion of the compartment heading west from M-123. This road is sandy and is very hilly in portions. Access is limited beyond these roads.

Survey Needs:

Sections 21 and 31.

Recreational Facilities and Opportunities:

There are no developed recreational facilities within the compartment. The area is used for hunting, fishing, mushroom and berry picking, and wildlife viewing.

Fire Protection:

The Sleeper Lake fire of 2007 occurred in the portion of this compartment west of M-123. Large fires are possible because of intermixed conifer types, grass/brush openings and difficulty of access with heavy equipment. Neighboring private property would be at risk to wildfires, structure protection would be the priority in the case of wildfire. Experience from Sleeper Lake fire indicates that modified suppression tactics may need to be used. Thorough evaluation of effort required to suppress a fire verses the environmental impacts will need to be done.

Additional Compartment Information:

Influence from the Sleeper Lake Fire still present in many areas west of M-123.

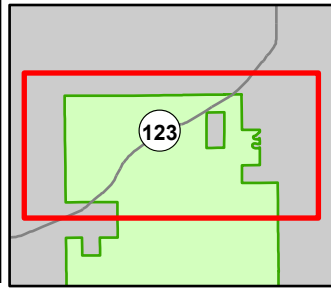
The following reports from the Inventory are attached:

- 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**

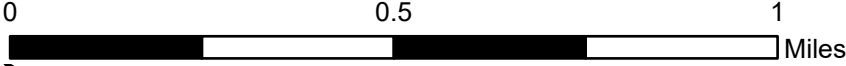
The following information is displayed, where pertinent, on the attached compartment maps:

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

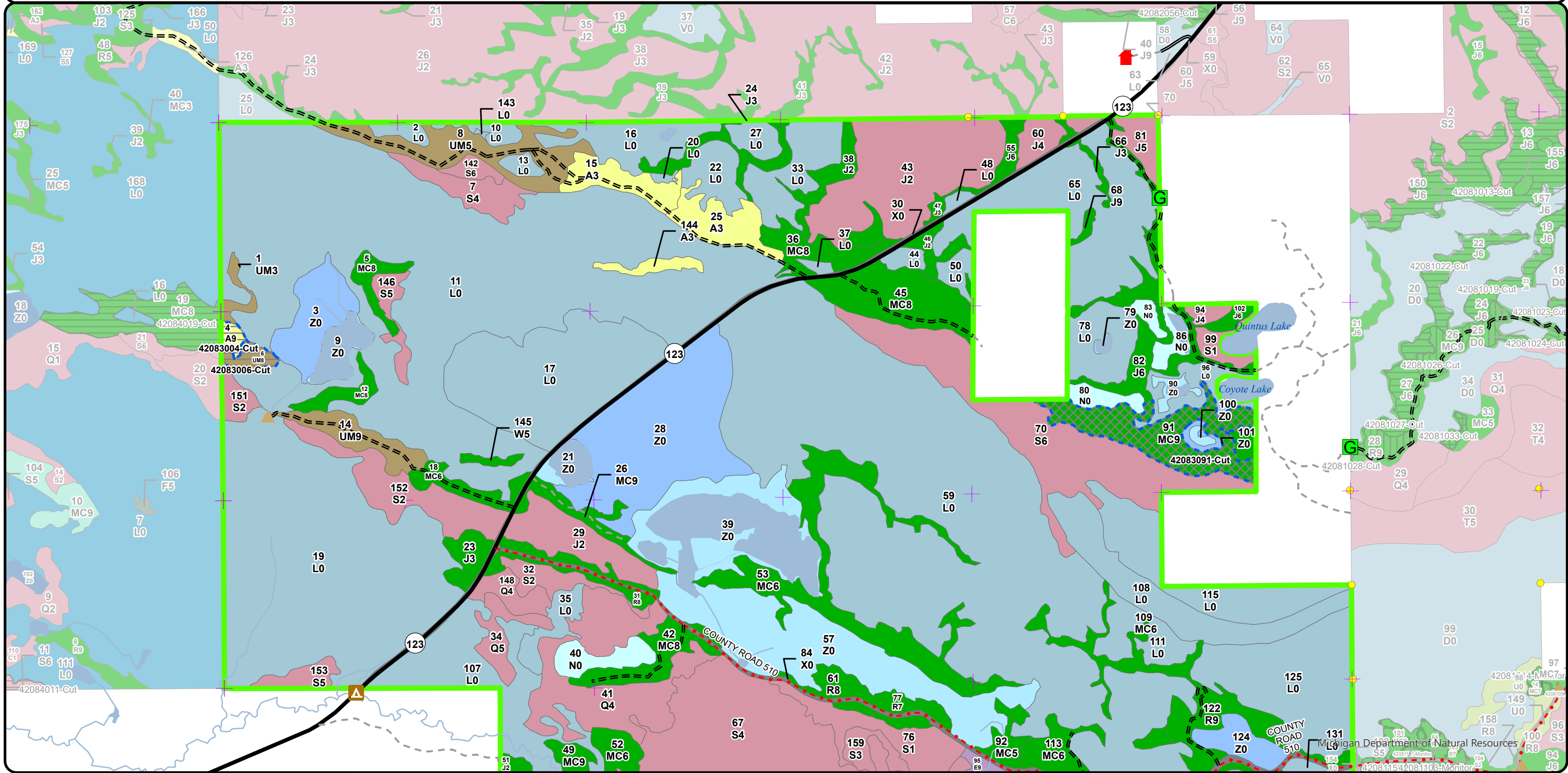
Cover Type & Treatments Map



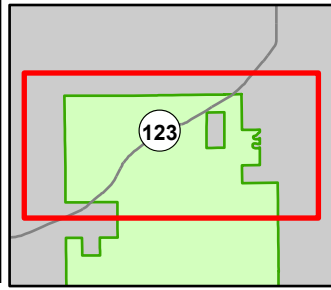
Compartment: 42083
 T47N-R09W Sec.19-21,28-33
 County: Luce
 Unit: Newberry
 Mgmt Area: Seney Lake Plain
 YOE: 2025
 Acres: 4831.1 GIS Calculated
 Examiner: Lester Livermore
 Map Revised: 05/21/2024
 Map Phase: Post-Maps



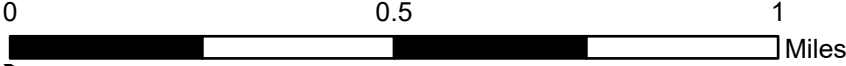
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|------------------------------|------------------------------|---------------------------------|---------------------------------|
| Cabin | Federal / State Highway | Counties | 612 - Lowland Coniferous Forest |
| Berms | County - Gravel Road | Treatments with Site Conditions | 122 - Roads/Parking Lot |
| Gate | Private - Dirt / Gravel Road | Selection (Group, Single Tree) | 500 - Water |
| Campground | Intermittent Stream | Clearcut (w/Reserves) | 621 - Floating Aquatic |
| Survey Grade Corners | Lake/Pond | 413 - Aspen Types | 622 - Lowland Shrub |
| Remonumented Section Corners | Perennial River | 422 - Natural Pines | 623 - Emergent Wetland |
| DNR - Secondary Forest Road | Lakes and Rivers | 430 - Upland Mixed Forest | |
| DNR - Forest Access Route | Compartment Boundary | 611 - Lowland Deciduous Forest | |



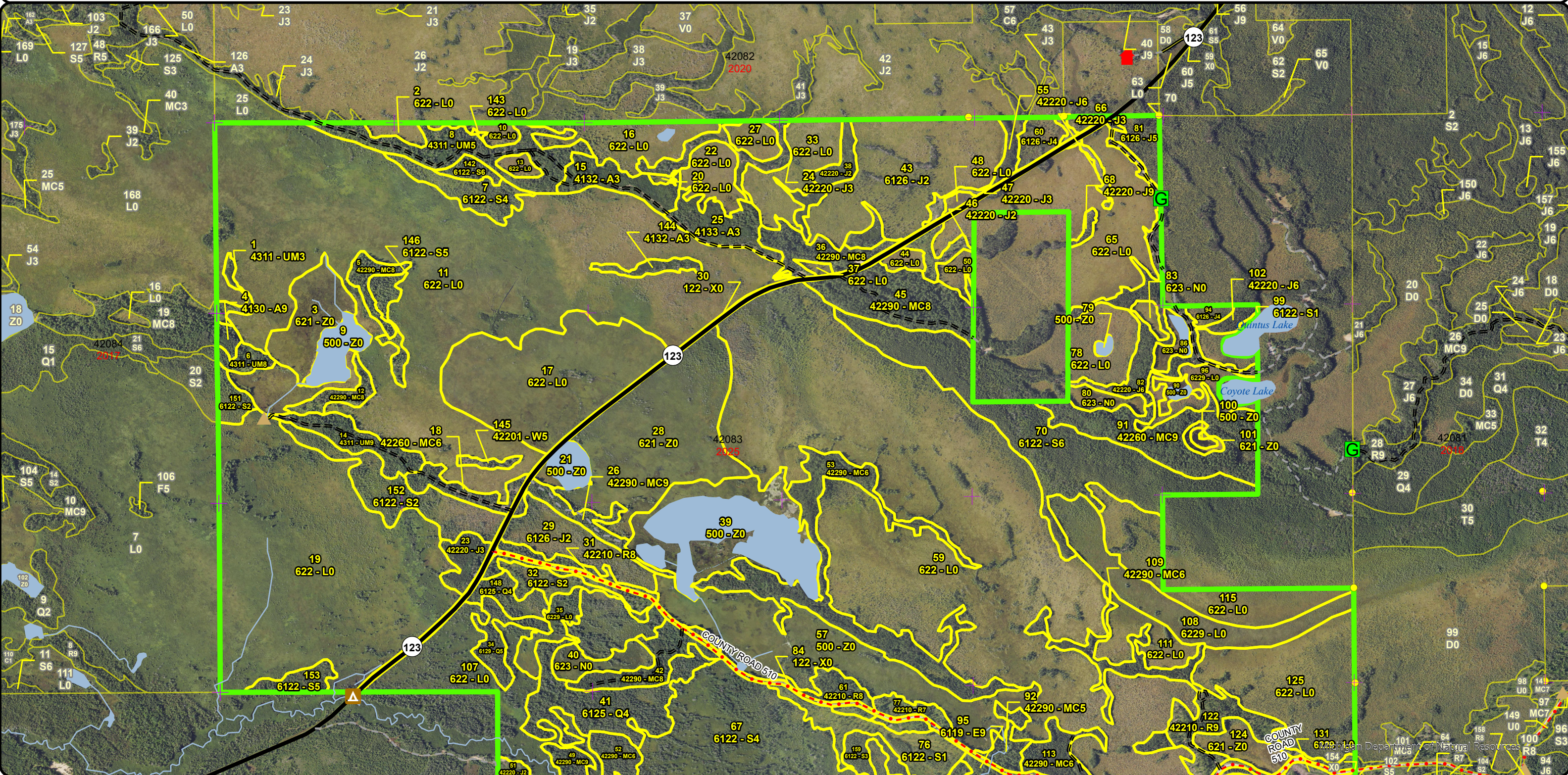
Stand Boundary Map



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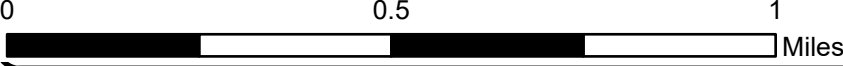
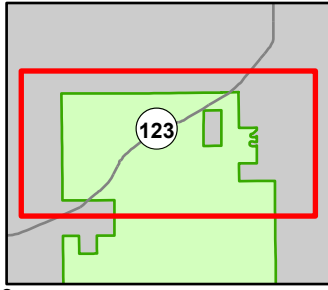


- Cabin
- Berms
- Gate
- Campground
- Survey Grade Corners
- Remonumented Section Corners
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State Highway
- County - Gravel Road
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- State Forests



Special Conservation Areas & Site Conditions Map

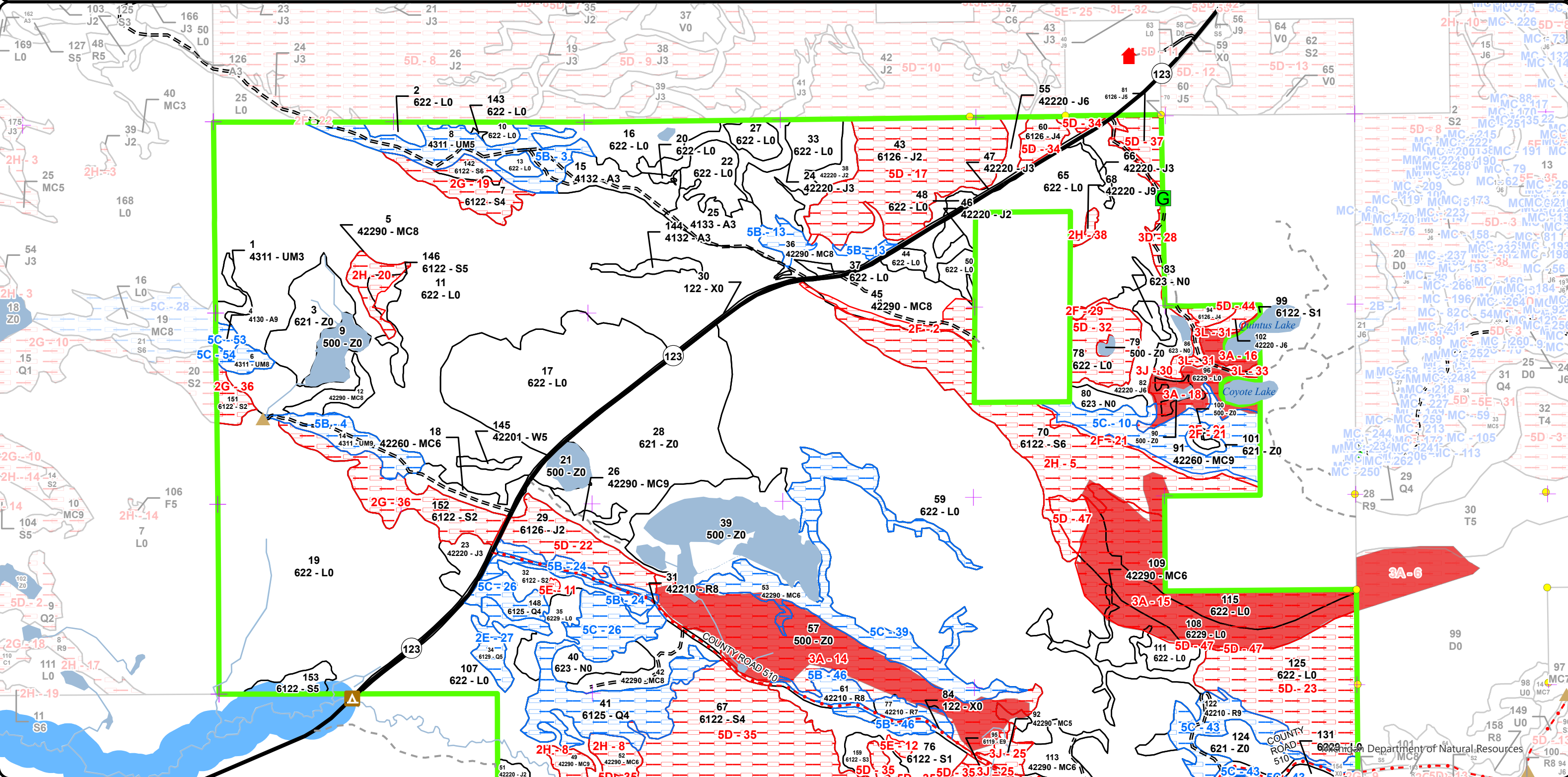
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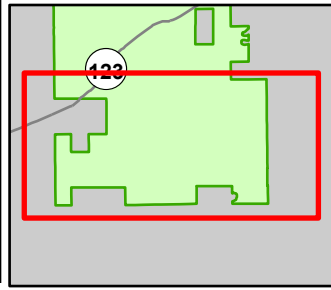
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- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Compartment Boundary
- Counties
- Available w/ Constraints
- Unavailable

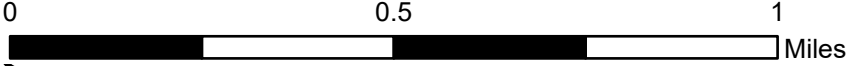
- 2G: Too wet (sensitive soils, does not include access issues)
- 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
- 3A: Conservation Values incompatible with harvest at this time
- 3D: Recreational / Scenic values
- 3J: Water quality / BMPs (stream, river, or lake)
- 3L: Other wildlife concerns
- 5D: Unproductive Forest Land
- 5E: Long-Term Retention
- Stand Boundaries
- Ecological Reference Areas
- Cold Water Streams
- High Priority Trout Stream Buffer



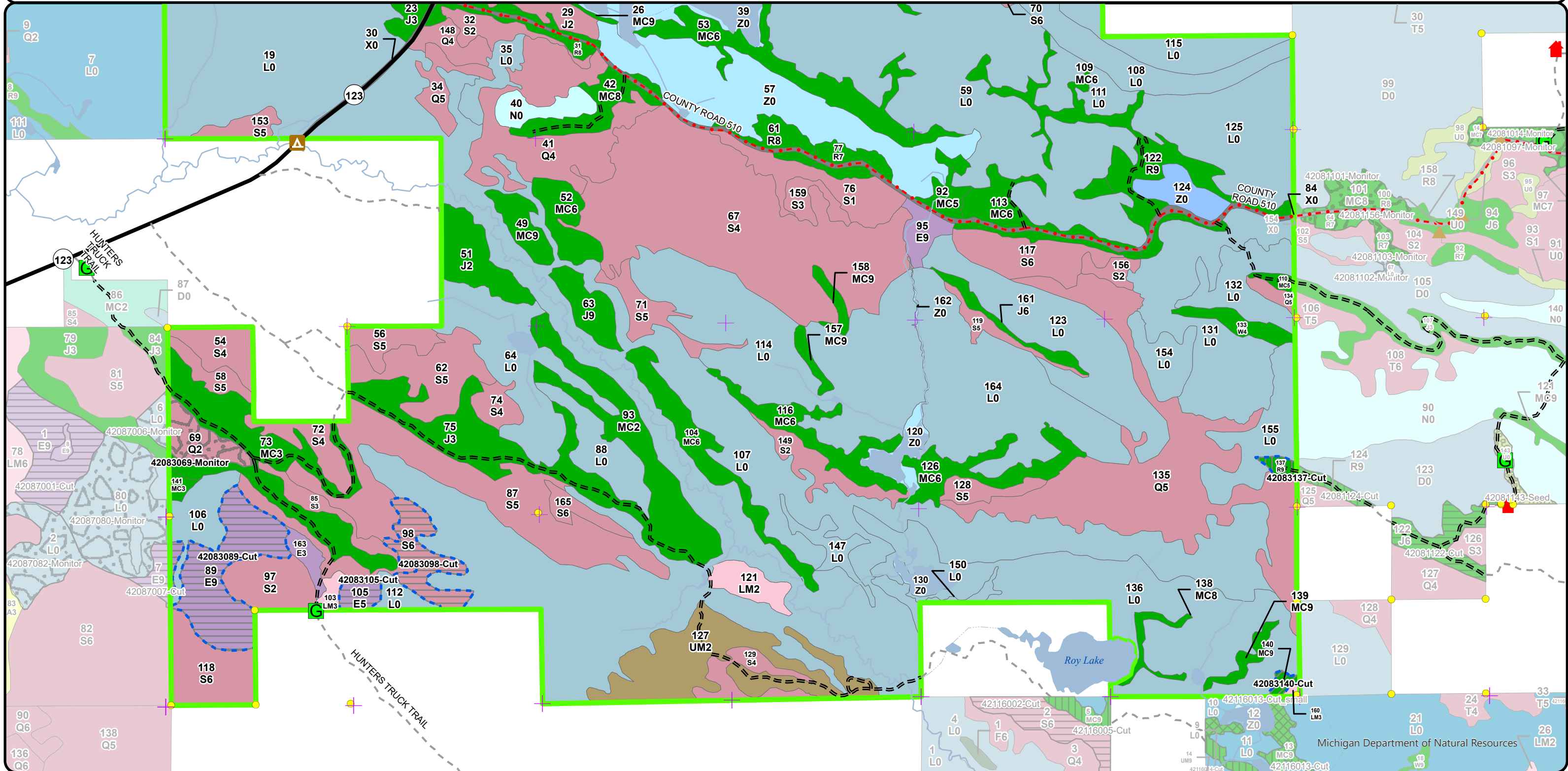
Cover Type & Treatments Map



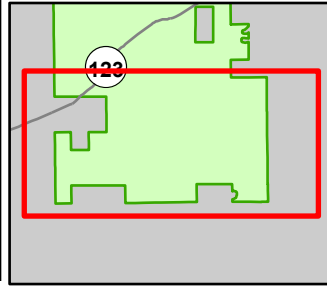
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|------------------------------|------------------------------|-----------------------------------|---------------------------------|
| Cabin | County - Gravel Road | Treatments with Site Conditions | 612 - Lowland Coniferous Forest |
| Berms | Private - Dirt / Gravel Road | Clearcut (w/Reserves) | 613 - Lowland Mixed Forest |
| Gate | Intermittent Stream | Thinning (Crown, Low, Systematic) | 122 - Roads/Parking Lot |
| Campground | Lake/Pond | Regeneration Survey | 500 - Water |
| Survey Grade Corners | Perennial River | Shelter Wood (w/Reserves) | 621 - Floating Aquatic |
| Remonumented Section Corners | Lakes and Rivers | 422 - Natural Pines | 622 - Lowland Shrub |
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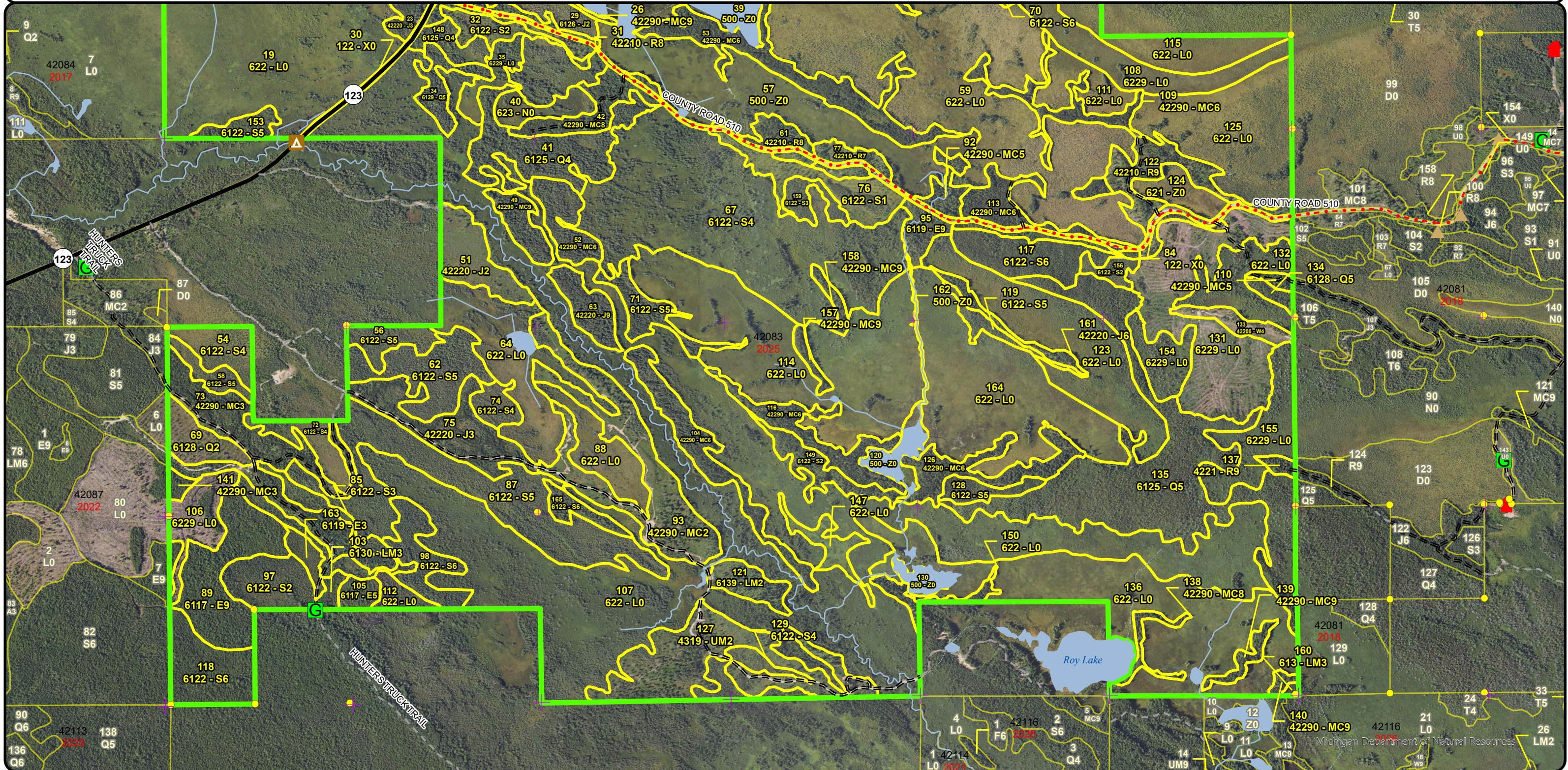
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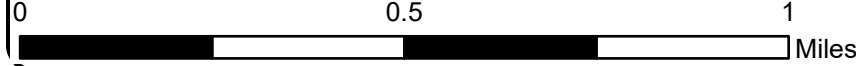
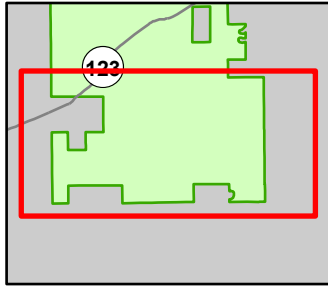


- Cabin
 - Federal / State Highway
 - Compartment Boundary
 - Berms
 - County - Gravel Road
 - Counties
 - Gate
 - Private - Dirt / Gravel Road
 - Stand Boundaries
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**Special Conservation Areas
& Site Conditions Map**

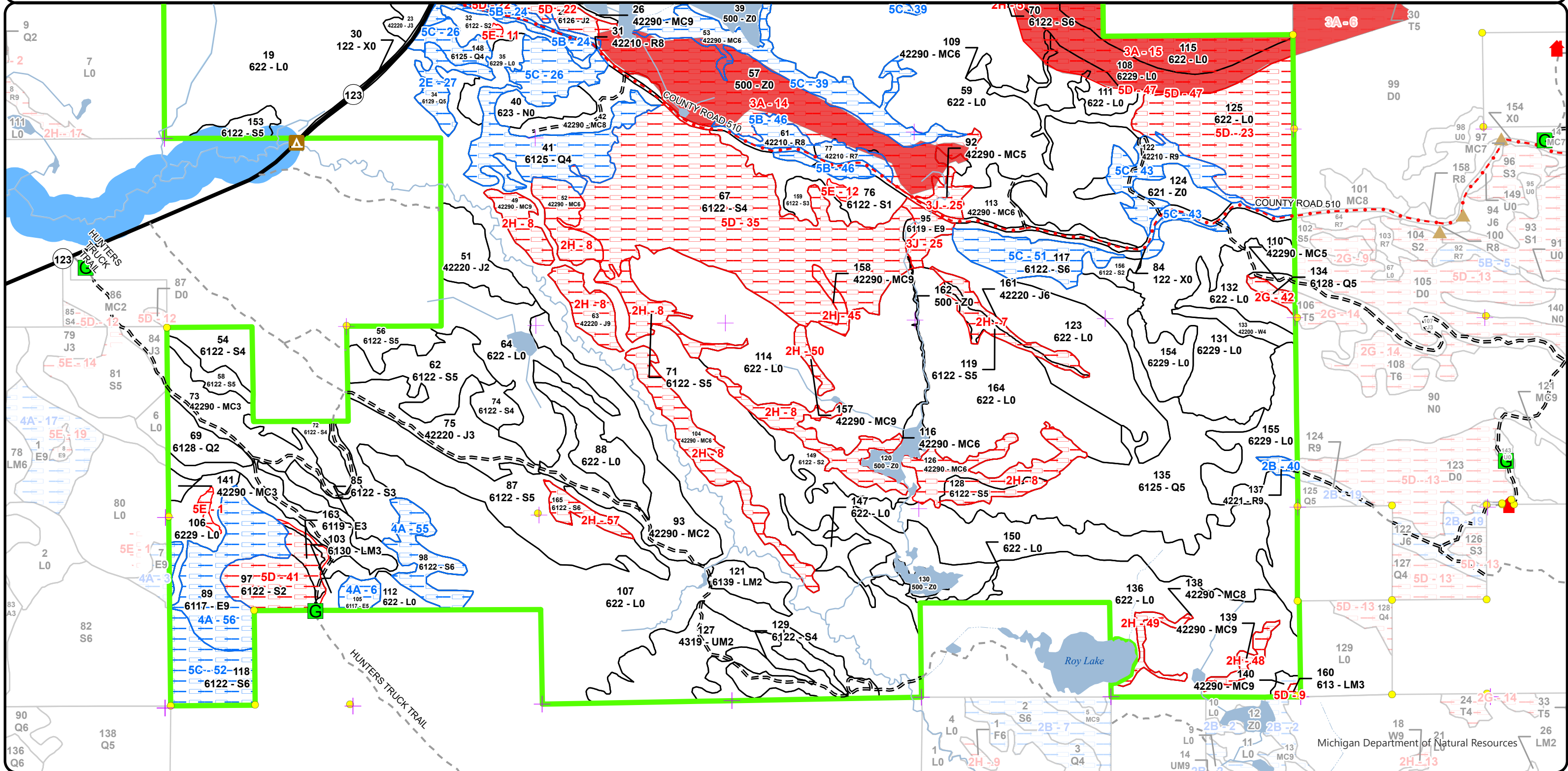
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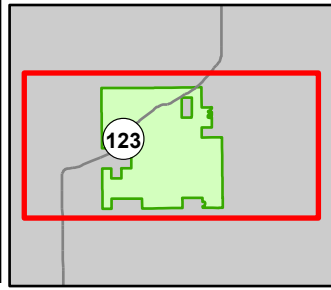
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- Intermittent Stream
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- Available w/ Constraints
- Unavailable
- 2E: Road needed
- 4A: No Markets Available for these Forest Products
- 5B: Maintain for regeneration purposes

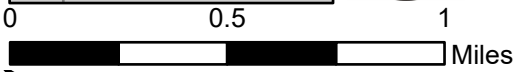
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- 2G: Too wet (sensitive soils, does not include access issues)
- 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
- 3A: Conservation Values incompatible with harvest at this time
- 3J: Water quality / BMPs (stream, river, or lake)
- 5D: Unproductive Forest Land
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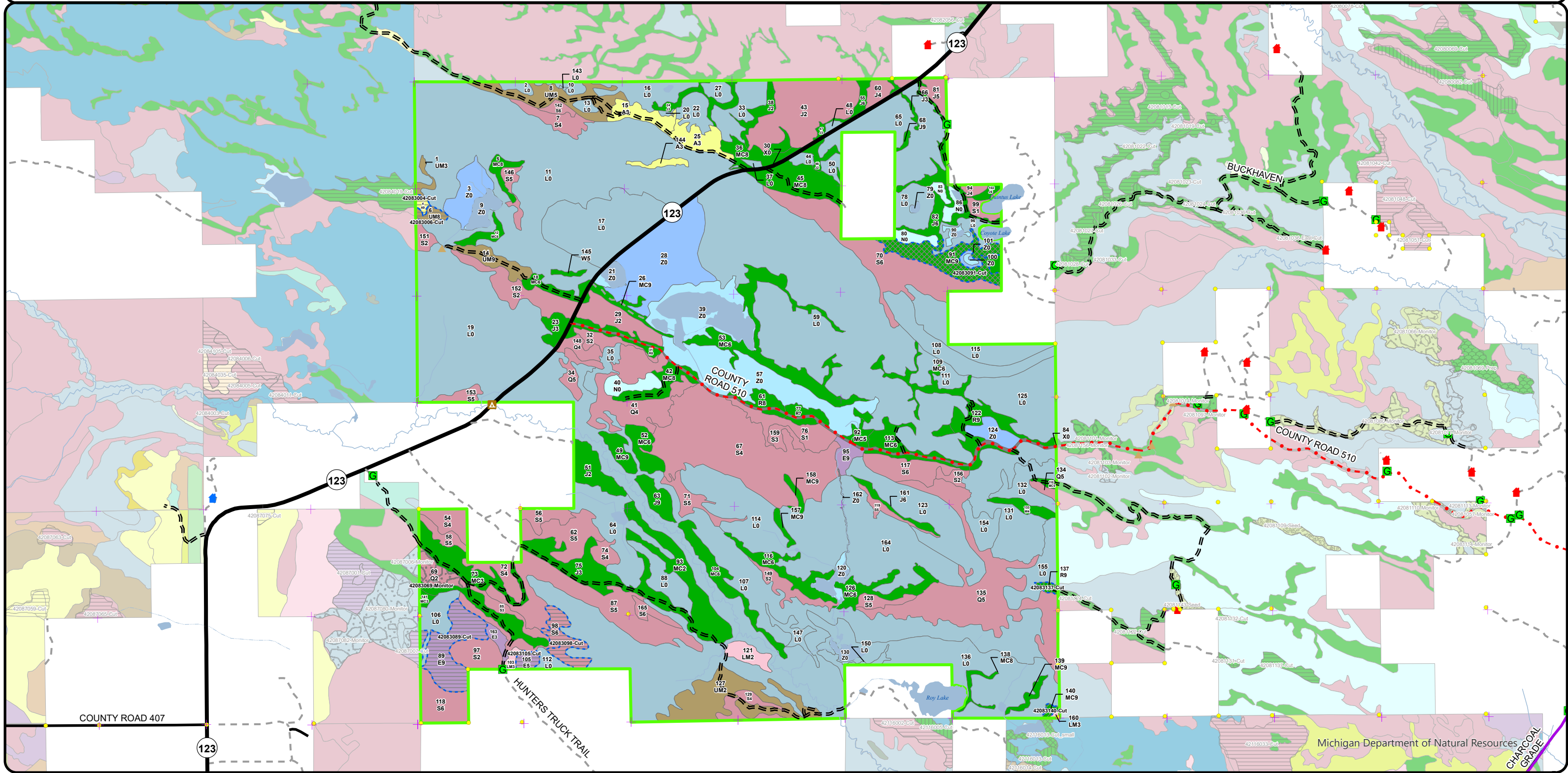
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|------------------------------|---------------------------------------|---------------------------------|-----------------------------------|---------------------------------|
| Cabin | Designated Snowmobile Trails | Intermittent Stream | Clearcut (w/Reserves) | 612 - Lowland Coniferous Forest |
| House | DNR - Primary Forest Road | Lake/Pond | Thinning (Crown, Low, Systematic) | 613 - Lowland Mixed Forest |
| Berms | DNR - Secondary Forest Road | Perennial River | Regeneration Survey | 122 - Roads/Parking Lot |
| Gate | DNR - Forest Access Route | Lakes and Rivers | Shelter Wood (w/Reserves) | 500 - Water |
| Bridges | Federal / State Highway | Compartment Boundary | 413 - Aspen Types | 621 - Floating Aquatic |
| Campground | Federal / State / County - Paved Road | Counties | 422 - Natural Pines | 622 - Lowland Shrub |
| Survey Grade Corners | County - Gravel Road | Treatments with Site Conditions | 430 - Upland Mixed Forest | 623 - Emergent Wetland |
| Remonumented Section Corners | Private - Dirt / Gravel Road | Selection (Group, Single Tree) | 611 - Lowland Deciduous Forest | |



Report 1 – Total Acres by Cover Type and Age Class

Newberry Mgt. Unit

Compartment 83

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	0	37	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	39
Jack Pine	0	26	100	32	14	28	45	0	0	16	8	0	0	0	0	0	0	0	269
Lowland Conifers	0	13	0	0	0	10	0	117	0	63	0	3	0	0	0	0	0	0	206
Lowland Deciduous	0	0	0	0	0	5	0	41	8	0	5	0	0	0	0	0	0	0	59
Lowland Mixed Forest	0	11	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	14
Lowland Shrub	2569	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2569
Lowland Spruce/Fir	0	37	0	18	0	25	118	12	270	79	110	0	0	0	0	0	0	0	669
Marsh	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24
Natural Mixed Pines	0	56	0	53	2	91	20	9	0	153	53	10	7	0	0	0	0	0	454
Red Pine	0	0	0	0	0	0	0	0	0	37	17	0	0	0	0	0	0	2	56
Upland Mixed Forest	0	56	4	0	0	0	0	0	0	37	15	0	0	0	0	0	0	0	112
Urban	36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	36
Water	311	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	311
White Pine	0	0	0	0	0	0	2	0	0	8	0	0	0	0	0	0	0	0	10
Total	2941	199	141	103	16	159	185	183	278	396	208	13	7	0	0	0	0	2	4828



Report 2 – Treatment Summary

Newberry Mgt. Unit
 Year of Entry: 2025

Acres of Harvest

Compartment 83
Total Compartment Acres: 4,831

Commercial Harvest -
 Harvests with Site Condition - 114
 Next Step Harvest - 0
 Habitat Cut - 0

Cover Type by Harvest Method

	Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Oversory Removal	Salvage	Other	Total Acres
Aspen	3	0	0	0	0	0	0	0	0	3
Lowland Deciduous	46	0	0	0	0	0	0	0	0	46
Lowland Spruce/Fir	18	0	0	0	0	0	0	0	0	18
Natural Mixed Pines	0	37	0	0	2	0	0	0	0	39
Red Pine	0	0	0	0	2	0	0	0	0	2
Upland Mixed Forest	5	0	0	0	0	0	0	0	0	5
Total	72	37	0	0	2	2	0	0	0	114

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	114	0	0	0	0	0	13	0	0	127
Next Step	0	0	0	0	0	0	112	0	0	112
Total	114	0	0	0	0	0	125	0	0	238



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:

4	42083004-Cut	2.7	4130 - Aspen	Sawtimber Well	81	81-110	Harvest	Clearcut	413 - Aspen	Even-Aged	No
<p><u>Prescription</u> Harvest all species present. No retention due to small acreage. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Aspen. <u>Regen:</u> <u>Other</u> Gental to moderate slope on roadside. <u>Comment:</u> <u>Site Condition</u> Age-Class or Site Quality <u>Proposed Start Date:</u> 10/1 /2024</p>											
6	42083006-Cut	4.9	4311 - Pine, Aspen Mix	Sawtimber Medium	81	1-50	Harvest	Clearcut with Retention	4133 - Aspen, Mixed Pine	Even-Aged	No
<p><u>Prescription</u> Harvest all species present. Retain a representation of red and white pine in the stand. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Aspen with jack, red and white pine, paper birch, fir and spruce. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition</u> Age-Class or Site Quality <u>Proposed Start Date:</u> 10/1 /2024</p>											
69	42083069-Monitor	13.1	6128 - Lowland Coniferous, Mixed Deciduous	Sapling Medium	1	1-50	Monitoring	Natural Regen (Intermediate)	613 - Lowland Mixed Forest	Even-Aged	No
<p><u>Prescription</u> Allow for more time and monitor natural regeneration. <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> Lowland conifer with deciduous <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2026</p>											



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
89 42083089-Cut	41.0	6117 - Lowland Deciduous, Mixed Coniferous	Sawtimber Well	68	81-110	Harvest	Clearcut	613 - Lowland Mixed Forest	Even-Aged	No
<p><u>Prescription Specs:</u> Harvest all species present retaining white pine, red pine and hemlock where present. Leave some mature non-pine scattered and within retention patches. No retention based on sufficient amount of retention left in the previously existing stand boundary/timber sale.</p> <p><u>Next Step Treatments:</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Acceptable Regen:</u> Maple, birch, spruce, fir, tamarack, aspen, and pine.</p> <p><u>Other Comment:</u> Winter harvest utilizing established ice road.</p> <p><u>Site Condition</u> No Markets</p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>										
91 42083091-Cut	37.1	42260 - Natural Pine, Mixed Deciduous	Sawtimber Well	85	111-140	Harvest	Group Selection	42260 - Natural Pine, Mixed Deciduous	Two-Aged	No
<p><u>Prescription Specs:</u> Modified group selection with crown thinning: Harvest all aspen, jack pine, and birch creating a new age class in groups. Thin red and white pine canopy to approximately 100 basal area, allowing for regeneration and maneuverability within the stand. Retain all oak and hemlock except for operability.</p> <p><u>Next Step Treatments:</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Acceptable Regen:</u> Aspen, oak and jack pine with red and white pine, black spruce and fir.</p> <p><u>Other Comment:</u> Steep slopes in the stand may hinder management activities in some areas. Access most likely from the east through private. Private road from east very winding and narrow in places.</p> <p><u>Site Condition</u> Age-Class or Site Quality</p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>										
98 42083098-Cut	18.2	6122 - Black Spruce Poletimber	Well	80	81-110	Harvest	Clearcut with Retention	6122 - Black Spruce	Even-Aged	No
<p><u>Prescription Specs:</u> Harvest all species present. Pocket retention 3 - 10% of stand acreage in areas of non-spruce if possible.</p> <p><u>Next Step Treatments:</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Acceptable Regen:</u> Spruce and birch with tamarack and white pine.</p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u> No Markets</p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>										



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
105 42083105-Cut	5.3	6117 - Lowland Deciduous, Mixed Coniferous	Poletimber Medium	90	81-110	Harvest	Clearcut	6119 - Mixed Lowland Deciduous Forest	Even-Aged	No
<p><u>Prescription</u> Harvest all species present. Retain hemlock. No retention based on small size of stand. <u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u></p> <p><u>Acceptable</u> Aspen, birch and maple with conifer. <u>Regen:</u></p> <p><u>Other</u> Winter harvest based on saturated soils and wet access to the stand. <u>Comment:</u></p> <p><u>Site Condition</u> No Markets <u>Proposed Start Date:</u> 10/1 /2024</p>										
137 42083137-Cut	2.4	4221 - Natural Red Pine	Sawtimber Well	102	81-110	Harvest	Shelterwood with Retention	4221 - Natural Red Pine	Two-Aged	No
<p><u>Prescription</u> Retain 30-40 basal area of red and white pine while harvesting all other species present including jack pine, aspen, maple and spruce. <u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u></p> <p><u>Acceptable</u> Red pine with jack pine, spruce, aspen, birch and red maple. <u>Regen:</u></p> <p><u>Other</u> Exclude areas of steep slope from the timber sale. Harvest with adjacent stand across the compartment line. Permission needed for access. <u>Comment:</u></p> <p><u>Site Condition</u> Unknown Access <u>Proposed Start Date:</u> 10/1 /2024</p>										
140 42083140-Cut	1.9	42290 - Natural Mixed Pine	Sawtimber Well	99	141-170	Harvest	Crown Thinning	42290 - Natural Mixed Pine	Even-Aged	No
<p><u>Prescription</u> Thin canopy to approximately 120 basal area, targeting red and white pine for residual. Retain all hemlock. <u>Specs:</u></p> <p><u>Next Step</u> <u>Treatments:</u></p> <p><u>Acceptable</u> Any species <u>Regen:</u></p> <p><u>Other</u> Harvest with adjacent treatments. Private access needed. <u>Comment:</u></p> <p><u>Site Condition</u> Unknown Access <u>Proposed Start Date:</u> 10/1 /2024</p>										

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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
19 42084019-Cut	28.5	42260 - Natural Pine, Mixed Deciduous	Sawtimber Medium	128	81-110	Harvest	Clearcut with Retention	4133 - Aspen, Mixed Pine	Even-Aged	No
<p><u>Prescription</u> Harvest all species present. Pocket retention in areas of larger pine, 3 - 10% of stand acreage. Buffer adjacent lowlands where appropriate. <u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u></p> <p><u>Acceptable</u> Aspen with jack, red and white pine, birch, maple, fir and spruce. <u>Regen:</u></p> <p><u>Other</u> Access stand probably in winter months. Possible temporary bridge needed. <u>Comment:</u></p> <p><u>Site Condition</u> Age-Class or Site Quality <u>Proposed Start Date:</u> 10/1 /2024</p>										
1 42087001-Cut	29.8	6117 - Lowland Deciduous, Mixed Coniferous	Sawtimber Well	98	Unspecified	Harvest	Clearcut with Retention	613 - Lowland Mixed Forest	Even-Aged	No
<p><u>Prescription</u> Harvest all species present retaining white pine, red pine and hemlock where present. Leave some mature non-pine scattered and within retention patches. <u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u></p> <p><u>Acceptable</u> Maple, birch, spruce, fir, tamarack, aspen and pine. <u>Regen:</u></p> <p><u>Other</u> Pocket retention delineated based on previous sale prep. OOOE to align with adjacent similar types to the east. Winter harvest utilizing established ice road. <u>Comment:</u></p> <p><u>Site Condition</u> No Markets <u>Proposed Start Date:</u> 10/1 /2024</p>										
7 42087007-Cut	5.4	6117 - Lowland Deciduous, Mixed Coniferous	Sawtimber Well	98	Unspecified	Harvest	Clearcut	613 - Lowland Mixed Forest	Even-Aged	No
<p><u>Prescription</u> Harvest all species present, retaining white pine, red pine and hemlock where present. Leave some mature non-pine scattered and within retention patches. No retention based on sufficient amount of retention left in the previously existing stand boundary/timber sale. <u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u></p> <p><u>Acceptable</u> Maple, birch, spruce, fir, tamarack, aspen, and pine. <u>Regen:</u></p> <p><u>Other</u> OOOE to align with adjacent similar types to the east. Winter harvest utilizing established ice road. <u>Comment:</u></p> <p><u>Site Condition</u> No Markets <u>Proposed Start Date:</u> 10/1 /2024</p>										

Total Treatment 190.3
Acreage Proposed:

Report 4 – Site Conditions

Newberry Mgt. Unit

Compartment: 83

Lester Livermore : Examiner

Year of Entry: 2025

Availability for Management

Total	Acres	Acres Avail	Acres
Acres	Available	<i>With Condition</i>	Not Available

Dominant Site Conditions

	Acres	Acres Available	Acres With Condition	Acres Not Available	Dominant Site Condition	Dominant Site Conditions														
						2B	2E	4A	5B	5C	2F	2G	2H	3A	3D	3J	3L	5D	5E	
39	36	3	0		Aspen					3										
268	116	0	153		Jack Pine				0	0	1		21	0	6	0	9	115		
207	130	73	3		Lowland Conifers		10			63		3								
59	0	46	12		Lowland Deciduous			46								7		5		
15	14	0	1		Lowland Mixed Forest													1		
2570	2415	0	155		Lowland Shrub			0	0		0		1	61				90	2	
669	248	67	354		Lowland Spruce/Fir			18		49	0	53	113	6				180	2	
24	24	0	0		Marsh					0										
454	223	98	133		Natural Mixed Pines	2			7	89	13		114	1		5				
56	0	56	0		Red Pine	2			29	25				0						
111	60	52	0		Upland Mixed Forest				47	5										
36	36	0	0		Urban															
312	229	0	83		Water					0				83				0		
10	10	0	0		White Pine															
4,830	3,541	395	895		Total Forested Acres	4	10	65	83	233	14	57	248	151	6	13	9	392	4	
	73%	8%	19%		Relative Percent															

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

Site No.	Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
2	Unavailable	2F: Too steep	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Newberry Mgt. Unit

Compartment: 83

Lester Livermore : Examiner

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3	Available	5B: Maintain for regeneration purposes	32	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Stand was burned by Sleeper Lake Fire in 2007. Some unburned timber remains, but good regeneration throughout the stand.							
4	Available	5B: Maintain for regeneration purposes	15	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Stand was burned by Sleeper Lake Fire in 2007. Some unburned timber remains, but good regeneration throughout the stand.							
5	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	78	Unspecified	Unspecified	Unspecified	Unspecified
Comments: This stand is below a very high, steep ridge.							
6	Available	4A: No Markets Available for these Forest Products	5	2E: Road needed	Unspecified	Unspecified	Unspecified
Comments: Harvest only if nearby stand 89 becomes available.							
7	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	13	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
8	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	122	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

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9	Unavailable	5D: Unproductive Forest Land	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
10	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	36	2B: Unknown if access through adjacent landowner(s) is possible	Unspecified	Unspecified	Unspecified
Comments: 9/2023: Treatment on hold pending final guidance on natural pine. Best access is probably through adjacent private land. Old road appears to come from the west, but may be able to access from the east.							
11	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
12	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
13	Available	5B: Maintain for regeneration purposes	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
14	Unavailable	3A: Conservation Values incompatible with harvest at this time	80	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Poor fen ERA							

Report 4 – Site Conditions

Newberry Mgt. Unit

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15	Unavailable	3A: Conservation Values incompatible with harvest at this time	84	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Poor fen ERA							
16	Unavailable	3A: Conservation Values incompatible with harvest at this time	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Bog ERA							
17	Unavailable	5D: Unproductive Forest Land	70	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
18	Unavailable	3A: Conservation Values incompatible with harvest at this time	16	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Bog ERA							
19	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	18	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Below steep bluff.							
20	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Newberry Mgt. Unit
Lester Livermore : Examiner

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21	Unavailable	2F: Too steep	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
22	Unavailable	5D: Unproductive Forest Land	24	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
23	Unavailable	5D: Unproductive Forest Land	63	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
24	Available	5B: Maintain for regeneration purposes	12	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Allow new age class of aspen/pine/oak to recruit from below.							
25	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	13	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
26	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	63	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
27	Available	2E: Road needed	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Newberry Mgt. Unit
Lester Livermore : Examiner

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28	Unavailable	3D: Recreational / Scenic values	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Narrow stand along road leading into private land.							
29	Unavailable	2F: Too steep	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
30	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
31	Unavailable	3L: Other wildlife concerns	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Serves as buffer to bog ERA.							
32	Unavailable	5D: Unproductive Forest Land	20	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
33	Unavailable	3L: Other wildlife concerns	4	3D: Recreational / Scenic values	4A: No Markets Available for these Forest Products	Unspecified	Unspecified
Comments: Narrow stand along road leading into private land. Little merchantable timber. Serves as buffer along bog ERA.							

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34	Unavailable	5D: Unproductive Forest Land	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
35	Unavailable	5D: Unproductive Forest Land	161	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
36	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	35	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
37	Unavailable	5D: Unproductive Forest Land	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
38	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
39	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	53	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Newberry Mgt. Unit

Compartment: 83

Lester Livermore : Examiner

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40	Available	2B: Unknown if access through adjacent landowner(s) is possible	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
41	Unavailable	5D: Unproductive Forest Land	26	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
42	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
43	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	25	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
44	Unavailable	5D: Unproductive Forest Land	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
45	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Newberry Mgt. Unit

Compartment: 83

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46	Available	5B: Maintain for regeneration purposes	17	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Allow new age class of aspen/oak/pine to recruit from below.							
47	Unavailable	5D: Unproductive Forest Land	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
48	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
49	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
50	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
51	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	23	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Harvest at the same time as the adjacent jack pine.							

Report 4 – Site Conditions

Newberry Mgt. Unit

Compartment: 83

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Year of Entry: 2025

52	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	26	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Harvest with adjacent spruce type to the west.							
53	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Holding Treatment awaiting further guidance on Natural Red pine management.							
54	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Holding Treatment awaiting further guidance on Natural Red pine management.							
55	Available	4A: No Markets Available for these Forest Products	18	2E: Road needed	Unspecified	Unspecified	Unspecified
Comments: Harvest only if nearby stand 89 becomes available.							
56	Available	4A: No Markets Available for these Forest Products	41	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Stand previously prescribed setup and not harvested.							
57	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Mgt. Unit

Compartment: #Type!

Year of Entry:



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

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

SCA Name	SCA Category	Detail Type	Recommendation	Acres
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Comments



Report 6 – EXISTING SPECIAL CONSERVATION AREA DETAILS

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

Conservation Area	Type	Description
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	Riparian Area	A transitional area between aquatic and terrestrial ecosystems in which the terrestrial ecosystem influences the aquatic ecosystem and vice-versa. Because of the unique conditions adjacent to lakes, streams and open water wetlands, riparian areas harbor a high diversity of plants and wildlife. Riparian communities are ecologically and socially significant in their effects on water quality and quantity, as well as aesthetics, habitat, bank stability, timber production, and their contribution to overall biodiversity.
SCA	Visual Management Area	An area of general social appreciation that is managed to recognize and preserve a particular visual value. Examples of these areas include scenic vistas, scenic or natural beauty roads, and lakeshore areas.
ERA	Ecological Reference Areas	Ecological Reference Areas (ERAs) are high quality examples of natural communities that have been identified as Element Occurrences (EOs) by the Michigan Natural Features Inventory (MNFI) within the context of their natural community classification system. Element Occurrences with viability ranks of A (Excellent) or B (Good) and a Global (G) or State (S) element (rarity) ranking of endangered (1), threatened (2), or rare (3) serve as an initial base of ERAs. They may be located upon any ownership in the State. The system is comprised of individual or associations of natural community types that are managed for restoration and maintenance of natural ecological processes and values. The public may submit recommendations for lands as ERAs using the DNR Conservation Area Recommendation Form.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																	
1	4311 - Pine, Aspen Mix	Sapling Well	3.7	15	1-50	N/A	Burned in Sleeper Lake Fire 2007. Many WP stubs from fire. Quaking aspen saplings 10 - 20+' tall; Jack pine 3-15' 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>Quaking Aspen</td> <td>35</td> <td>Sapling</td> <td>3</td> <td>15</td> </tr> <tr> <td>Red Pine</td> <td>20</td> <td>Log/XLog/Pole</td> <td>14</td> <td></td> </tr> <tr> <td>Jack Pine</td> <td>2</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>15</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>White Pine</td> <td>20</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>8</td> <td>Sapling</td> <td>1</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	35	Sapling	3	15	Red Pine	20	Log/XLog/Pole	14		Jack Pine	2	Sapling	1		Bigtooth Aspen	15	Sapling	1		White Pine	20	Log/Pole	12		Red Maple	8	Sapling	1																					
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2	622 - Lowland Shrub	Nonstocked	4.1			No	Within Sleeper Lake Fire 2007																																																	
3	621 - Floating Aquatic	Nonstocked	23.1			No	Within Sleeper Lake Fire 2007																																																	
4	4130 - Aspen	Sawtimber Well	2.7	81	81-110	N/A	Some parts underburned by Sleeper Lake Fire 2007. Manage with stand to the west. Occassional RP and oak. Fire monitoring plot.																																																	
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5	42290 - Natural Mixed Pine	Sawtimber Medium	7.0	89	81-110	N/A	Moderately burned by Sleeper Lake Fire 2007. Island in middle of marsh.																																																	
6	4311 - Pine, Aspen Mix	Sawtimber Medium	4.9	81	1-50	N/A	Moderately burned by Sleeper Lake Fire 2007. Aspen mainly in one area. Small stand area.																																																	
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7	6122 - Black Spruce	Poletimber Poor	14.2	85	1-50	N/A	Less canopy than near the base of the ridge. Smaller diameters.																																																	
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8	4311 - Pine, Aspen Mix	Poletimber Medium	32.1	89	1-50	N/A	Patchy older timber surviving from Sleeper Lake Fire 2007. Good regen. Heavier to pine in some areas.																																																																
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11	622 - Lowland Shrub	Nonstocked	397.4			No	Large lowland complex within the Sleeper Lake Fire of 2007. Includes small upland islands.																																																																
12	42290 - Natural Mixed Pine	Sawtimber Medium	6.8	89	1-50	N/A	Moderately burned by Sleeper Lake Fire 2007. Standing snags. Occassional oak. Old road into stand.																																																																
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14	4311 - Pine, Aspen Mix	Sawtimber Well	14.7	91	51-80	N/A	Ridge on the southern side of the road increases steepness as you move west. Moderately burned from Sleeper Lake Fire 2007.																																																																
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15	4132 - Aspen, Jack Pine	Sapling Well	14.7	15		N/A	Burned in Sleeper Lake Fire 2007. Regen 7-20' tall. Occasional live residual (RP, WP, oak).																																																															
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16	622 - Lowland Shrub	Nonstocked	23.7			No	Within Sleeper Lake Fire 2007. Standing Jack Pine snags dead from fire. Low shrubs/grasses.																																																															
17	622 - Lowland Shrub	Nonstocked	83.5			No	Within Sleeper Lake Fire 2007																																																															
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18	42260 - Natural Pine, Mixed Deciduous	Poletimber Well	9.4	67	1-50	N/A	Infrequent log sized red pine. Regenerating pockets of sapling Aspen and Jack pine. Moderately burned Sleeper Lake Fire 2007.																																																															
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23	42220 - Natural Jack Pine	Sapling Well	8.5	36	1-50	N/A	Stand borders M-123. Small pocket of aspen in NE corner. Infrequent residual canopy red pine and understory red pine 3-10' tall. Majority of Jack pine is 30-40' tall.																																																									
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Bigtooth Aspen	17	Sapling	2	36																																																												
Black Spruce	6	Sapling	2																																																													
24	42220 - Natural Jack Pine	Sapling Well	11.4	15	Immature	N/A	Burned by Sleeper Lake Fire 2007. Some older trees still standing in patches. Standing JP snags. JP regen 5-20' tall. Stand had been cut in 1985.																																																									
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25	4133 - Aspen, Mixed Pine	Sapling Well	16.8	15	Immature	N/A	Burned in Sleeper Lake Fire 2007. Stand occurs along very steep ridge overlooking M-123. Largely inoperable or very difficult logging chance.																																																									
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26	42290 - Natural Mixed Pine	Sawtimber Well	9.8	87	51-80	N/A	Areas of large trees, areas of poles. Mostly white pine sapling regen, 3' - 20' tall.																																																									
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27	622 - Lowland Shrub	Nonstocked	6.9			No	Within Sleeper Lake Fire 2007.																																																									
28	621 - Floating Aquatic	Nonstocked	85.8			No																																																										



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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29 6126 - Lowland Jack Pine Sapling Medium 23.7 55 1-50 N/A

Canopy Species	% Cover	Size Class	DBH	Age
White Pine	15	Sapling	2	
Jack Pine	50	Sapling/Pole	3	55
Tamarack	30	Sapling	3	
Black Spruce	5	Sapling	2	

30 122 - Road/Parking Lot Nonstocked 19.5 Managed Opening M-123

31 42210 - Natural Red Pine Sawtimber Medium 11.6 87 51-80 N/A

Canopy Species	% Cover	Size Class	DBH	Age
White Pine	33	Log/Pole	10	
Paper Birch	2	Pole	8	
Red Pine	65	Log/XLog/Pole	14	87

Sub-Canopy Species	Density	Avg. Height	Size
Bigtooth Aspen	Medium	10 - 20 feet	Sapling
Red Maple	Medium	Variable	Sapling
Black Spruce	Medium	Variable	Sapling
Red Pine	Low	Variable	Sapling
White Pine	Low	Variable	Sapling
Red Oak	Low	Variable	Sapling

Stand is split by Skyline Road. Bigtooth aspen, red maple and red oak advanced regeneration now flushing in pockets. Steep ridges with some inoperable areas. Infrequent legacy red pine.
12/12/18: Harvested via Shelterwood Cut in 2017 as part of Mary's Skyline Finale, #42-33-15.

32 6122 - Black Spruce Sapling Medium 9.3 6 1-50 N/A

Canopy Species	% Cover	Size Class	DBH	Age
Tamarack	10	Sapling/Pole	3	
Red Pine	25	Pole	6	60
Paper Birch	2	Pole/Sapling	4	
White Pine	7	Pole	6	
Black Spruce	56	Sapling	2	6

Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch	Low	Variable	Sapling
Red Maple	Low	< 5 feet	Sapling

Mixed lowland conifer saplings with multiple bands of pole sized residual red pine with white pine in association.
Harvested via Clearcut w/ Reserves in 2017 as Mary's Skyline Finale: #42-33-15.

33 622 - Lowland Shrub Nonstocked 24.3 No

Within Sleeper Lake Fire 2007. Some Jack Pine seeded in from fire.

34 6129 - Mixed Coniferous Lowland Forest Poletimber Medium 10.3 49 51-80 N/A

Canopy Species	% Cover	Size Class	DBH	Age
Tamarack	12	Pole	7	
Black Spruce	24	Pole	6	49
White Pine	11	Log/Pole	11	
Jack Pine	20	Sapling/Pole	4	
Paper Birch	5	Pole/Log	8	
Quaking Aspen	10	Sapling/Pole	4	
Red Pine	18	Log/XLog/Pole	14	

Sub-Canopy Species	Density	Avg. Height	Size
Tamarack	Medium	>20 feet	Sapling
Red Maple	Low	10 - 20 feet	Sapling
Black Spruce	Medium	>20 feet	Sapling
Labrador Tea	Medium	5 - 10 feet	Tall Shrub

Island in middle of vast marsh complex. Mixed stand depending on ground. Lowland areas dominated by decent pole spruce and tamarack with scattered red pine. Upland areas dominated by younger age class of jack pine with aspen, pine and spruce. Residual large diameter red pine.



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35	6229 - Mixed lowland shrub	Nonstocked	9.7			No																																																									
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36	42290 - Natural Mixed Pine	Sawtimber Medium	14.8	81	51-80	N/A	A few spots burned heavier than most of the stand (west side). Burned by Sleeper Lake Fire 2007. Ridge offers difficult logging chance. Sale #42-036-15-02. M-123 Ridges. Closed 06/13/2017.																																																								
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37	622 - Lowland Shrub	Nonstocked	1.5			No																																																									
38	42220 - Natural Jack Pine	Sapling Medium	12.9	15	Immature	N/A	Burned in Sleeper Lake Fire 2007. Regen 3-10' tall. Standing JP snags.																																																								
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39	500 - Water	Nonstocked	69.3			No																																																									
40	623 - Emergent Wetland	Nonstocked	10.3			No																																																									
41	6125 - Lowland Black Spruce, Jack Pine	Poletimber Poor	54.4	84	81-110	N/A	Wetter ground; small pole sized black spruce dominated with similar sized white pine, and infrequent paper birch and red maple. Denser areas around 50 - 100 basal area. More open areas have at tamarack component. Stunted pockets intermixed are more treed bog covertype.																																																								
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42	42290 - Natural Mixed Pine	Sawtimber Medium	16.0	87	51-80	N/A	Thinned in 1977. Pockets of aspen 3-4" dbh. Jack pine healthy at this point.																																																	
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43	6126 - Lowland Jack Pine	Sapling Medium	70.4	10	Immature	N/A	Lowland Jack pine Regen; dense in areas. Stand within Sleeper Lake fire. Includes small Jack pine islands; dog hair thick Jack pine in ridges.																																																	
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44	622 - Lowland Shrub	Nonstocked	3.4			No																																																		
45	42290 - Natural Mixed Pine	Sawtimber Medium	33.1	89	51-80	N/A	Far east end uncut due to steep slope. Ridge is very steep on the south end of the stand. A bit more open on west end. Variable BA and species. Mixed Regen; mostly white pine with aspen and oak and red maple. Subtle ridges within the stand would make trenching difficult. Aspen Regen now 20'+ tall. Road access leads to PVT camp. Regen 2013: Red pine 274 TPA, white pine 137 TPA.																																																	
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46	42220 - Natural Jack Pine	Sapling Medium	5.7	12	Immature	N/A	Scarified in September 2009. Spotty JP regen 2-3' tall. Oak seedlings scattered.																																																	
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																					
47	42220 - Natural Jack Pine	Sapling Well	2.3	6	Immature	N/A	Sale harvested via Clearcut in 2016: M-123 Ridges 42-036-15. Minimal fire effects from the Sleeper Lake fire.																																																					
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48	622 - Lowland Shrub	Nonstocked	1.7			No																																																						
49	42290 - Natural Mixed Pine	Sawtimber Well	10.2	87	81-110	N/A	Island in middle of vast marsh complex.																																																					
50	622 - Lowland Shrub	Nonstocked	5.1			No																																																						
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51	42220 - Natural Jack Pine	Sapling Medium	19.9	6	Immature	N/A	Stand has a moderately stocked age class of jack pine, now 2 - 4' tall throughout, with black spruce in association. Scattered tamarack and white pine seedlings. Intermittent streams from the south, vehicle access from private. Stand harvested via clearcut with retention in 2016: Chuck's Place Jack Pine 42-008-15. FTP 42-878. Stand was seeded in March 2020 with JP at 1/3lb per acre. Good coverage throughout site.																																																					
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52	42290 - Natural Mixed Pine	Poletimber Well	14.5	87	111-140	N/A	Island in middle of vast marsh complex. Jack pine/black spruce.																																																					
53	42290 - Natural Mixed Pine	Poletimber Well	52.8	43	111-140	N/A	Jack pine dominated stand with red pine in pockets and scattered. Areas with small aspen in association. Most ready pine in the western quarter of the stand. Road evident from east to big north finger. Portions cut in 1961 and 1980.																																																					
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54	6122 - Black Spruce	Poletimber Poor	13.6	57	1-50	N/A																																																						
55	42220 - Natural Jack Pine	Poletimber Well	5.0	38	51-80	N/A	Not too affected by Sleeper Lake Fire 2007. Roadbed for old M-123 is on this ridge.																																																					
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																
56	6122 - Black Spruce	Poletimber Medium	10.6	57	1-50	N/A																																	
57	500 - Water	Nonstocked	79.5			No																																	
58	6122 - Black Spruce	Poletimber Medium	7.2	57	1-50	N/A																																	
59	622 - Lowland Shrub	Nonstocked	412.3			No	Includes some small JP islands.																																
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60	6126 - Lowland Jack Pine	Poletimber Poor	9.0	55	1-50	N/A	Low density stunted pole Jack pine in clusters with open areas of new age class of jack pine seedlings; thick in places. Age estimated after a few years after the Sleeper Lake fire.																																
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Willow spp.	Low	< 5 feet	Tall Shrub																																				
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61	42210 - Natural Red Pine	Sawtimber Medium	9.0	92	51-80	N/A	Some step ridges with inoperable areas. Basal area ranges from 50 - 120; average around 90. Harvested via Shelterwood with retention in 2017: Mary's Skyline Finale 42-033-15. All trees cut except red pine, white pine and oak, and trees with green paint. MO=mixed pine with aspen/birch/maple.																																
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62	6122 - Black Spruce	Poletimber Medium	28.7	75	1-50	N/A																																	
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63	42220 - Natural Jack Pine	Sawtimber Well	12.3	87		N/A	Island in middle of vast marsh complex.																																
64	622 - Lowland Shrub	Nonstocked	48.8			No																																	
65	622 - Lowland Shrub	Nonstocked	71.2			No	Includes some small Jack pine islands.																																



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
66	42220 - Natural Jack Pine	Sapling Well	3.4	6	Immature	N/A	Stand regenerating well with natural Jack pine. Sale #42-036-15. M-123 Ridges. Closed 06/13/2017.
Canopy Species		% Cover	Size Class	DBH	Age		
Jack Pine		90	Sapling	1	6		
White Pine		3	Pole/Log	8			
Black Spruce		5	Sapling/Pole	3			
Red Pine		2	Log	12			
67	6122 - Black Spruce	Poletimber Poor	159.5	75	1-50	N/A	Lowlands with scattered pockets of spruce, and jack pine.
Canopy Species		% Cover	Size Class	DBH	Age		
Black Spruce		80	Pole/Sap/Log	5	75		
Jack Pine		20	Pole/Sap/Log	5			
68	42220 - Natural Jack Pine	Sawtimber Well	1.8	90	111-140	N/A	Jack pine logs and poles. Some decline. Access from private.
Canopy Species		% Cover	Size Class	DBH	Age		
White Pine		5	Log/Pole	10			
Jack Pine		95	Log/Pole	10	90		
Sub-Canopy Species		Density	Avg. Height	Size			
Black Spruce		Low	Variable	Sapling			
Jack Pine		Low	Variable	Sapling			
69	6128 - Lowland Coniferous, Mixed Deciduous	Sapling Medium	13.1	1	1-50	N/A	Stand harvested via clearcut in winter 2021/22: Hunters Trail Lowlands 42-017-15. Stand recently harvested and is just starting to regenerate. Stand composed of advanced regeneration from maple, non-harvested sapling spruce and tamarack, and residual white pine saplings and poles. Expect spruce to continue to be a greater part of the stand in the future. Grasses and sedges dominating some areas.
Canopy Species		% Cover	Size Class	DBH	Age		
Red Pine		5	Sapling/Pole	2			
Black Spruce		20	Sapling	1			
White Pine		30	Sapling/Pole	3			
Tamarack		10	Sapling	2			
Sub-Canopy Species		Density	Avg. Height	Size			
Red Maple		Medium	< 5 feet	Seeding			
Labrador Tea		Low	< 5 feet	Tall Shrub			
70	6122 - Black Spruce	Poletimber Well	78.2	95	51-80	N/A	
Canopy Species		% Cover	Size Class	DBH	Age		
Tamarack		20	Pole	7			
White Pine		5	Pole	7			
Black Spruce		70	Pole	7	95		
Jack Pine		5	Pole	7			
Sub-Canopy Species		Density	Avg. Height	Size			
Mountain Holly		Low	5 - 10 feet	Tall Shrub			
Tag Alder		Medium	5 - 10 feet	Tall Shrub			
71	6122 - Black Spruce	Poletimber Medium	13.0	87		N/A	Island in middle of vast marsh complex. Some upland. Black spruce/jack pine.
72	6122 - Black Spruce	Poletimber Poor	11.5	57	51-80	N/A	
Canopy Species		% Cover	Size Class	DBH	Age		
Black Spruce		95	Pole	6	57		
Jack Pine		5	Pole	6			
Sub-Canopy Species		Density	Avg. Height	Size			
Black Spruce		Medium	Variable	Sapling			
Mountain Holly		Medium	< 5 feet	Tall Shrub			



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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73 42290 - Natural Mixed Pine Sapling Well 50.1 25 1-50 N/A Stand situated on a ridge; Hunters truck trail within the stand. Jack pine dominated now 30' tall.

Canopy Species	% Cover	Size Class	DBH	Age
Jack Pine	55	Sapling	3	25
White Pine	3	Pole/Log	8	
Red Maple	2	Sapling	3	
Black Spruce	15	Sapling	1	
Paper Birch	10	Sapling	2	
Red Pine	2	Pole	8	
Tamarack	3	Sapling	1	
Quaking Aspen	10	Sapling	2	

74 6122 - Black Spruce Poletimber Poor 7.4 57 1-50 N/A Some black spruce and jack pine.

75 42220 - Natural Jack Pine Sapling Well 31.6 25 1-50 N/A Mostly upland sand ridge. Includes some lower ground.

Canopy Species	% Cover	Size Class	DBH	Age
Red Pine	2	Sapling	2	
Jack Pine	70	Sapling	2	25
White Pine	3	Sapling	2	
Tamarack	3	Sapling	2	
Black Spruce	20	Sapling	2	
Bigtooth Aspen	2	Sapling	2	

76 6122 - Black Spruce Sapling Poor 21.4 5 Immature N/A Stand slow to regenerate in a lot of areas. Portions of the stand more open while center of the stand has more small pole white pine retention. Retention includes infrequent pole/log white pine, submerchantable black spruce and tamarack, dead paper birch. Harvested via Clearcut with retention in 2017: Mary's Skyline Finale 42-003-15.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	55	Sapling/Pole	2	5	Tag Alder	Medium	5 - 10 feet	Tall Shrub
White Pine	15	Pole/Log/Sap	8		White Pine	Medium	>20 feet	Sapling
Jack Pine	6	Sapling	1					
Paper Birch	6	Sapling/Pole	2					
Tamarack	10	Sapling	1					
Red Maple	8	Sapling	1					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																
77	42210 - Natural Red Pine	Sawtimber Poor	8.3	90	1-50	N/A	Steep ridges along Skyline Road. Low density log sized red pine with occasional white pine. Regeneration includes red maple, aspen, spruce, red, white and jack pine. Harvested via Clearcut with retention 2017: Mary's Skyline Finale, 42-33-15.																																																
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78	622 - Lowland Shrub	Nonstocked	20.2			No																																																	
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80	623 - Emergent Wetland	Nonstocked	6.0			No																																																	
81	6126 - Lowland Jack Pine	Poletimber Medium	9.0	57	1-50	N/A																																																	
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82	42220 - Natural Jack Pine	Poletimber Well	28.4	45	51-80	N/A	Narrow ridges dominated by jack pine while wider ridges include steep slopes to marshes with more oak, red pine, aspen and white pine. Lots of oak seedlings. Some areas cut in 1960. Some fingers too narrow/steep for logging.																																																
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83	623 - Emergent Wetland	Nonstocked	2.8			No																																																	
84	122 - Road/Parking Lot	Nonstocked	16.3		Immature	Managed Opening	Skyline Road (County Road 510)																																																



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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85	6122 - Black Spruce	Sapling Well	18.4	25	Immature	N/A	Variable canopy heights and species composition; low ground. Black spruce sapling dominated with taller white with red pine saplings in association.																														
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86	623 - Emergent Wetland	Nonstocked	5.4			No	
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87	6122 - Black Spruce	Poletimber Medium	74.0	75		N/A																																														
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88	622 - Lowland Shrub	Nonstocked	20.3			No									
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89	6117 - Lowland Deciduous, Mixed Coniferous	Sawtimber Well	41.0	68	81-110	N/A	Stand unharvested from previous timber sale: Hunters Trail Lowlands 42-017-15. Majority of the aspen is falling out of the canopy. Good class of birch and cedar with other species throughout.																																																																																	
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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91	42260 - Natural Pine, Mixed Deciduous	Sawtimber Well	40.5	85	111-140	N/A	Red and white pine dominated stand with oak and aspen in association. Areas dominated by log/pole sized aspen and oak with pine in association. Oak dominated understory in many areas. Scattered and groups of large XL pine 20"+ with legacy trees, especially on the southern slope. Narrow ridges and slopes throughout. Evidence of past logging stumps and stumps with fire charring.																																																							
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92	42290 - Natural Mixed Pine	Poletimber Medium	5.5	92	1-50	N/A	Stand has drains and sheet flow running between the marsh complexes.																																																					
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Black Spruce	Medium	Variable	Sapling																																																									

93	42290 - Natural Mixed Pine	Sapling Medium	56.1	6	1-50	N/A	Stand harvested via Clearcut with Retention in 2016: Chuck's Place Jack Pine 42-008-15. Residual red pine and spruce along edges and wet areas retained. Stand was Seeded via Snowmobile in April 2019. Northern portion of the site was not seeded due to terrain and residual basal area. New age class of jack pine just starting to become sapling size classes in areas; expect jack pine seedlings to continue to fill in the stand with time. Some areas dominated by moderate to low jack pine seedlings. Significant areas of the stand exhibit two-aged characteristics.																																							
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94	6126 - Lowland Jack Pine	Poletimber Poor	3.3	57	1-50	N/A																	
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																															
95	6119 - Mixed Lowland Deciduous Forest	Sawtimber Well	8.1	76	51-80	N/A	Drainage between marshes.																																															
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96	6229 - Mixed lowland shrub	Nonstocked	12.4			No	Some S, WP and JP																																															
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97	6122 - Black Spruce	Sapling Medium	19.1	45	1-50	N/A	More deciduous canopy than conifer in the northern portion of the stand. Wet site with stunted overstory. Less canopy as you move south.																																															
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98	6122 - Black Spruce	Poletimber Well	18.2	80	81-110	N/A	Variable diameters averaging around 6". Occasional log sized tree. Pockets of open wet areas scattered within.																																															
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99	6122 - Black Spruce	Sapling Poor	5.9	40		N/A																																																
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100	500 - Water	Nonstocked	1.3			No																																																
101	621 - Floating Aquatic	Nonstocked	2.2			No																																																



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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102	42220 - Natural Jack Pine	Poletimber Well	3.4	83		N/A	Occasional RP.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Jack Pine	100	Pole	8	83	Black Spruce	Low	Variable	Sapling

103	6130 - Fir, Aspen, Maple	Sapling Well	3.3	65	1-50	N/A	Variable canopy species dominated by saplings with occasional poles. Southern edge dominated by black spruce poles.
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Canopy Species	% Cover	Size Class	DBH	Age
Balsam Fir	18	Sapling/Pole	4	
Quaking Aspen	3	Pole/Sapling	6	
Red Maple	44	Sapling/Pole	3	65
Black Spruce	13	Sapling/Pole	3	
White Pine	10	Sapling/Pole	4	
Paper Birch	5	Sapling/Pole	3	
Red Pine	7	Sapling/Pole	3	

104	42290 - Natural Mixed Pine	Poletimber Well	23.5	91	111-140	N/A	Island in middle of vast marsh complex. Jack pine/black spruce.
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105	6117 - Lowland Deciduous, Mixed Coniferous	Poletimber Medium	5.3	90	81-110	N/A	Wet stand with small upland hummocks within. Upland knolls have the larger diameter canopy trees. Aspen snags.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch	25	Pole/Log	8		Black Ash	Low	Variable	Sapling
Balsam Fir	5	Pole	7		Balsam Fir	Medium	Variable	Sapling
Black Spruce	13	Pole	7		Tag Alder	Medium	5 - 10 feet	Tall Shrub
Northern White Cedar	5	Pole	7					
Black Ash	10	Pole	5					
Hemlock	2	Log/XLog	16					
Red Maple	40	Pole/Log	9	90				

106	6229 - Mixed lowland shrub	Nonstocked	17.3	0	Immature	6128 - Lowland Coniferous, Mixed Deciduous	Stand harvested via Clearcut with Retention in winter 2021/22: Hunters Trail Lowlands 42-017-15. Little to no regeneration in most areas of the site a year after harvest. Some advanced regeneration of red maple and paper birch in some areas. Standing water in many areas with grasses, sedges and cattails dominating.
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Sub-Canopy Species	Density	Avg. Height	Size
Northern White Cedar	Low	< 5 feet	Seeding
Black Ash	Low	10 - 20 feet	Sapling
Red Maple	Low	< 5 feet	Sapling
White Pine	Trace	>20 feet	Pole



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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107 622 - Lowland Shrub Nonstocked 455.7 Immature No Includes some small JP islands. Auger River flows within stand.

Sub-Canopy Species	Density	Avg. Height	Size
Tamarack	Low	Variable	Sapling
Red Pine	Low	>20 feet	Pole
Black Spruce	Low	Variable	Sapling
White Pine	Low	>20 feet	Pole
Tag Alder	Medium	5 - 10 feet	Tall Shrub
Jack Pine	Low	>20 feet	Pole

108 6229 - Mixed lowland shrub Nonstocked 40.9 No

109 42290 - Natural Mixed Pine Poletimber Well 16.9 45 51-80 N/A Scotch pine planted as filler after harvest. JP naturally regenerated.

Canopy Species	% Cover	Size Class	DBH	Age
Jack Pine	45	Pole/Sapling	6	45
White Pine	3	Pole	8	
Black Spruce	2	Sapling/Pole	4	
Scotch Pine	40	Pole/Sapling	6	45
Red Pine	10	Pole	7	

110 42290 - Natural Mixed Pine Poletimber Medium 2.3 32 1-50 N/A Portions of the stand entering pole size classes. Stand harvested in the 1991.

Canopy Species	% Cover	Size Class	DBH	Age
Red Pine	35	Pole	6	
Black Spruce	5	Sapling	2	
Jack Pine	40	Pole/Sapling	5	32
White Pine	5	Pole/Sapling	6	
Paper Birch	13	Pole/Sapling	5	
Red Maple	2	Sapling/Pole	3	

111 622 - Lowland Shrub Nonstocked 16.9 No

112 622 - Lowland Shrub Nonstocked 6.0 No

113 42290 - Natural Mixed Pine Poletimber Well 21.1 45 1-50 N/A Scotch pine planted as filler after harvest. JP naturally regenerated. Some areas of low ground.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Tamarack	5	Sapling/Pole	4		Mountain Holly	Low	< 5 feet	Tall Shrub
Jack Pine	30	Pole	6	45				
Black Spruce	20	Sapling/Pole	4					
Scotch Pine	45	Pole	6	45				



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																				
114	622 - Lowland Shrub	Nonstocked	126.3			No	Includes some small JP islands.																																																				
115	622 - Lowland Shrub	Nonstocked	39.6			No																																																					
116	42290 - Natural Mixed Pine	Poletimber Well	20.2	58	111-140	N/A	Island in middle of vast marsh complex. Jack pine and black spruce.																																																				
117	6122 - Black Spruce	Poletimber Well	23.0	82	51-80	N/A	Variety of size classes ranging from stunted sapling areas to areas with poles. Pole sizes scattered throughout.																																																				
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118	6122 - Black Spruce	Poletimber Well	25.5	93		N/A	Stand was setup but never harvested in Hunters Trail Lowlands 42-017-15. Black spruce stand with a heavy lowland conifer component. Pockets of lowland aspen with red maple, white birch and balsam. Some blowdown.																																																				
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119	6122 - Black Spruce	Poletimber Medium	5.9	95	1-50	N/A	Spruce and tamarack dominated lowlands on the fringe of a jack pine ridge.																																																				
120	500 - Water	Nonstocked	9.8			No																																																					
121	6139 - Mixed Lowland Forest	Sapling Medium	10.5	6	1-50	N/A	Stand was not seeded based on higher residual and wet areas. Stand regenerating slowly with a mix of species. Stand harvested via Clearcut: Chuck's Place Jack Pine 42-008-15.																																																				
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122	42210 - Natural Red Pine	Sawtimber Well	24.8	80	51-80	N/A	Stand harvested via Low Thinning in 2021: Right on the Skyline 42-013-15. Red and white pine marked for retention. More open canopy after harvest on the western most areas of the stand. Northern portions of the stand are larger pole size classes, whereas near the southern portion along the skyline road, more log sizes occupy the canopy. Steep slopes on the stand edges.																																																																	
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123	622 - Lowland Shrub	Nonstocked	63.9			No																																																																		
124	621 - Floating Aquatic	Nonstocked	11.5			No	Scattered sapling tamarack and black spruce.																																																																	
125	622 - Lowland Shrub	Nonstocked	63.3			No																																																																		
126	42290 - Natural Mixed Pine	Poletimber Well	21.3	97	111-140	N/A	Island in middle of vast marsh complex. Jack pine and black spruce.																																																																	
127	4319 - Mixed Upland Forest	Sapling Medium	56.0	6	1-50	N/A	Stand harvest via Shelterwood with retention in 2016: Chuck's Place Jack Pine 42-008-15. Residual red and white pine in pockets and single trees occupy the older age class in the stand. Mixed species regeneration throughout the stand. Stand seeded on snowmobile on 3/9/20. Portions of the stand with more canopy were excluded in the seeding.																																																																	
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128	6122 - Black Spruce	Poletimber Medium	7.4	87		N/A	Black spruce island in middle of vast marsh complex.																																																																	
129	6122 - Black Spruce	Poletimber Poor	12.1	58	1-50	N/A	Lowland spruce dominated by large saplings with pole individuals intermixed; dense canopy in places.																																																																	
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130	500 - Water	Nonstocked	4.6		Immature	No																																									
131	6229 - Mixed lowland shrub	Nonstocked	70.8		Immature	612 - Lowland Coniferous Forest	Scattered small pole paper birch, spruce and cedar left post harvest. Patches of cedar also retained within the stand. Stand slow to regenerate in many areas. Stand harvested via Clearcut with Retention in Winter of 2021/22: Right on the Skyline 42-013-15.																																								
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132	622 - Lowland Shrub	Nonstocked	23.9			No																																									
133	42200 - Natural White Pine	Poletimber Poor	8.0	88	1-50	N/A	Stand harvested via Clearcut with Retention in 2021: Right on the Skyline 42-013-15. Acceptable regen is red, white and jack pine, aspen, and spruce.																																								
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134	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Medium	3.4	104	1-50	N/A	Low ground situated on the south side of a subtle pine ridge. Variable diameters and species composition. Age estimated from adjacent stand.																																								
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135	6125 - Lowland Black Spruce, Jack Pine	Poletimber Medium	117.2	65	1-50	N/A	Mixed sizes of canopy trees across the large stand. Pockets and scattered pole sized classes. Majority of stand is saplings size classes.																																								
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136	622 - Lowland Shrub	Nonstocked	122.2			No																																									



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137	4221 - Natural Red Pine	Sawtimber Well	2.4	102	81-110	N/A	Red pine stand with a good component of jack pine, in patches. Fairly steep ridge of timber, accessible across private lands only. May be too steep to treat, in places. Older jack pine being replaced by red pine. Fairly good red pine regen (up to 4" dbh size) in spots. Stand notes and data from adjacent stand in neighboring compartment:																																													
138	42290 - Natural Mixed Pine	Sawtimber Medium	4.9	100	141-170	N/A	Isolated pine ridge on the back side of Roy Lake. Mix of red and white pine with jack pine and aspen.																																													
139	42290 - Natural Mixed Pine	Sawtimber Well	5.2	100	81-110	N/A	Isolated pine ridge.																																													
140	42290 - Natural Mixed Pine	Sawtimber Well	1.9	99	141-170	N/A	Continuation of a mixed pine ridge from the adjacent compartment. Data from adjacent stand.																																													
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141	42290 - Natural Mixed Pine	Sapling Well	2.5	25	Immature	N/A	Regen 10-20' tall.																																													
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142	6122 - Black Spruce	Poletimber Well	4.2	85	51-80	N/A	Below steep ridge.																																													
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143	622 - Lowland Shrub	Nonstocked	0.3			No	Within Sleeper Lake Fire 2007																																																								
144	4132 - Aspen, Jack Pine	Sapling Well	5.0	16	Immature	N/A	Small upland island ridge of aspen and jack pine saplings with scattered poles of jack pine and infrequent scattered white pine.																																																								
145	42201 - Natural White Pine, Mixed Deciduous	Poletimber Medium	2.4	55	51-80	N/A	Small upland island ridge of white pine with aspen, red pine and jack pine.																																																								
146	6122 - Black Spruce	Poletimber Medium	7.3	55	1-50	N/A	Moderately burned by Sleeper Lake Fire 2007. Lowland edge of an upland island. Dominated by black spruce with some jack pine, white pine and aspen.																																																								
147	622 - Lowland Shrub	Nonstocked	8.9		Immature	No	Includes some small JP islands. Auger River flows within stand.																																																								
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148	6125 - Lowland Black Spruce, Jack Pine	Poletimber Poor	8.7	84	81-110	N/A	Wetter ground; small pole sized black spruce dominated with similar sized white pine, and infrequent paper birch and red maple. Denser areas around 50 - 100 basal area. More open areas have at tamarack component. Stunted pockets intermixed are more treed bog covertype.																																																								
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149	6122 - Black Spruce	Sapling Medium	12.8	55	1-50	N/A	Transition zone between lowlands without canopy and higher ground to the ridge. Pockets of pure black spruce with mixed composition across the stand.																																																								
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments					
150	622 - Lowland Shrub	Nonstocked	6.2		Immature	No	Includes some small JP islands. Auger River flows within stand.					
								Sub-Canopy Species	Density	Avg. Height	Size	
								White Pine	Low	>20 feet	Pole	
								Red Pine	Low	>20 feet	Pole	
								Jack Pine	Low	>20 feet	Pole	
								Tag Alder	Medium	5 - 10 feet	Tall Shrub	
								Black Spruce	Low	Variable	Sapling	
Tamarack	Low	Variable	Sapling									
151	6122 - Black Spruce	Sapling Medium	6.0	55	1-50	N/A						
								Canopy Species	% Cover	Size Class	DBH	Age
								Tamarack	15	Sapling/Pole	3	
								Jack Pine	8	Sapling/Pole	3	
								Black Spruce	67	Sapling/Pole	2	55
White Pine	10	Pole	5									
152	6122 - Black Spruce	Sapling Medium	29.1	55		N/A						
								Canopy Species	% Cover	Size Class	DBH	Age
								Black Spruce	65	Sapling/Pole	2	55
								Tamarack	5	Sapling/Pole	2	
								Jack Pine	25	Sapling/Pole	2	
White Pine	5	Sapling/Pole	2									
153	6122 - Black Spruce	Poletimber Medium	7.0	65	1-50	N/A						
154	6229 - Mixed lowland shrub	Nonstocked	14.6	0		No	Scattered sapling and pole black spruce and tamarack. Open stand. Portion of the stand was in the adjacent timber sale and was not harvested last entry.					
155	6229 - Mixed lowland shrub	Nonstocked	27.3	0		No	Mixed sizes of canopy trees across the large stand. Pockets and scattered pole sized classes. Majority of stand is saplings size classes.					
								Sub-Canopy Species	Density	Avg. Height	Size	
								Black Spruce	Low	10 - 20 feet	Sapling	
								Tamarack	Low	Variable	Sapling	
156	6122 - Black Spruce	Sapling Medium	4.9	65	1-50	N/A	Sapling pocket of lowland conifer.					
								Canopy Species	% Cover	Size Class	DBH	Age
								Paper Birch	5	Sapling	2	
								Tamarack	30	Sapling	2	
								Black Spruce	65	Sapling	3	65
								Sub-Canopy Species	Density	Avg. Height	Size	
								Mountain Holly	Low	< 5 feet	Tall Shrub	
Willow spp.	Medium	< 5 feet	Tall Shrub									
Tag Alder	Medium	< 5 feet	Tall Shrub									
157	42290 - Natural Mixed Pine	Sawtimber Well	3.4	110	111-140	N/A	Isolated pine dominated ridge.					



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158	42290 - Natural Mixed Pine	Sawtimber Well	4.0	110	111-140	N/A	Isolated pine dominated ridge.																																						
159	6122 - Black Spruce	Sapling Well	7.2	5	Immature	N/A	Uncut portion of the adjacent harvest: Harvested via Clearcut with Retention in 2017: Mary's Skyline Finale 42-003-15.																																						
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160	613 - Lowland Mixed Forest	Sapling Well	0.8	60	1-50	N/A	Spruce lowlands with heavy component of maple and birch. Tamarack in association. Wet with tag alder understory in places.																																						
161	42220 - Natural Jack Pine	Poletimber Well	6.5	97		N/A	Island in middle of vast marsh complex. Jack pine dominated with black spruce on the edges. Aspen and mixed pine in association.																																						
162	500 - Water	Nonstocked	1.0			No																																							
163	6119 - Mixed Lowland Deciduous Forest	Sapling Well	5.3	45	1-50	N/A	Unproductive deciduous lowlands. Stunted. Dense canopy as you move westward in the stand.																																						
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164	622 - Lowland Shrub	Nonstocked	92.8			No	Includes some small JP islands.																																						
165	6122 - Black Spruce	Poletimber Well	6.6	75	81-110	N/A	Stand was setup for Clearcut with Retention in 2016: Chuck's Place Jack Pine 42-008-15 but this portion went unharvested. Stand is situated near the road but wet ground between the road and the stand.																																						
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