



Compartment Review Presentation

Shingleton Forest Management Unit

Compartment 41164

Entry Year 2025

Acreage: 3,172

County Schoolcraft

Management Area: Seney Lake Plain

Stand Examiner: Steve Touvila

Legal Description:

T47N R16W Sections 9, 16, 17, 19-22, and 27-29

Identified Planning Goals:

This compartment is located within the Cusino Complex Management Area, and is regarded as a part of the Old Cusino Deer Wintering Area. A long-term goal of restoring the winter deer habitat therein has been discussed, and the treatments recommended at this time are consistent with that goal. These include maintaining dense conifer cover. Maintaining moose habitat in this area is also an important goal, special management considerations include maintaining at least 5% conifer patches in larger cuts, maintaining habitat corridors connecting different habitats, utilizing group selection or shelterwood cuts in hardwood stands to provide varying age classes and browse opportunities. It is important for FRD and WLD to co-manage this area to meet both timber and wildlife goals.

Soil and topography:

Most of this compartment is flat and wet, with a series of "islands" of higher ground in sections 20, 21 and 28. Sections 22 and 27 feature more of a rolling upland/lowland terrain association near Worchester Lake.

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

The Forest Land Group owns several parcels of CFR lands nearby, including the private lands within this compartment in sections 16, 27 and 28, and the SWSE of section 22. The SESE of section 22 (including a portion of the Worchester Lake shoreline) is privately owned. There are two hunting camps on Worchester Lake itself.

Outside of the compartment, there is an unimproved boat launch on state land on the east side of Worchester Lake. It is not maintained by the state and has no facilities of any kind. Canoe Lake State Forest Campground is also located across the road from this compartment in section 22.

Unique Natural Features:

No Unique Natural Features known.

Archeological, Historical, and Cultural Features:

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

Special Management Designations or Considerations:

The Creighton Marsh Patterned Fen ERA extends into the south end of this compartment. Because of the wet terrain, bottomland timber and associated access problems, this compartment is regarded as prime habitat for moose.

Watershed and Fisheries Considerations:

This compartment contains Stoner Creek, Shotgun Creek, Worchester Lake, and a headwater tributary to Worchester Lake. Stoner Creek and Shotgun Creek are designated Type 1 trout streams less than 50-foot wide and have predicted mean July temperatures that range from 60.2 to 63.9 °F (cold streams). 300-foot buffers are recommended for Stoner Creek and Shotgun Creek in riparian areas susceptible to Aspen regeneration. For areas not susceptible to Aspen regeneration, a minimum 100-foot, plus 5 feet per 1% increase in slope, buffer is recommended to protect these areas in accordance with Best Management Practices. A minimum 100-foot, plus 5 feet per 1% increase in slope, buffer is recommended for Worchester Lake to protect shoreland areas in accordance with Best Management Practices.

Wildlife Habitat Considerations:

This compartment in the Grand Marais end moraine and outwash ecological sub-subsection. It lies on the north edge of the historic Cusino Deer Yard. Pre-settlement data show the uplands supported a mixed deciduous/coniferous forest. Primary component included white pine, hemlock, balsam fir, sugar maple, beech, yellow birch, and spruce. Other species recorded include red maple, white birch, aspen, and cedar. Lowland forests were dominated by cedar, tamarack, black spruce, and tag alder. White pine, white birch, and aspen were also present in the lowland forests.

Current forest likely contain a reduced amount of hemlock and white pine in the uplands, but otherwise appear to be similar in species composition to pre-settlement times.

Wildlife habitat objective include maintaining closed canopy coniferous lowlands, providing deciduous browse, promoting species and structural diversity within the northern hardwood stands, and protecting the hydrological integrity of the wetland systems.

Wildlife species of special interest potentially utilizing this compartment include moose.

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 metallic mineral potential in this area. The nearest known active sand/gravel pit is three miles west. There may be some potential for sand and gravel within the compartment, but most of the compartment appears to be covered by wetlands, which would inhibit any significant surface mining. Bedrock limestone may be at or near the surface in the area, but development would similarly be hindered by wetlands. No current mineral leasing activity involving State-owned mineral rights exists in the area.

Vehicle Access:

Access from the Wolf Lake Truck Trail (a county road) represents the only viable option, except for the stands directly adjacent to County Rd. 450. With few exceptions, getting to most of this compartment is challenging at all times. At present, vehicle access to the timber near Stoner Creek is virtually impossible until frozen roads allow winter travel. The timber in section 27 is reached by crossing a temporary bridge over Marsh Creek located in the compartment to the east.

Survey Needs:

None needed.

Recreational Facilities and Opportunities:

There are no developed recreation facilities within this compartment, but the Canoe Lake State Forest Campground is located on the north side of the Wolf Lake Truck Trail and just outside of the compartment boundary.

Fire Protection:

Access to much of the compartment is extremely difficult. The wet terrain limits the probability of a rapidly-spreading fire unless prolonged drought occurs, but scattered larger trees may be prone to lightning strikes.

Additional Compartment Information:

The following reports from the Inventory are attached:

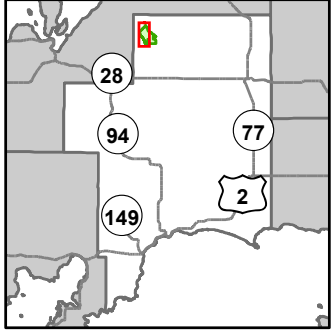
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

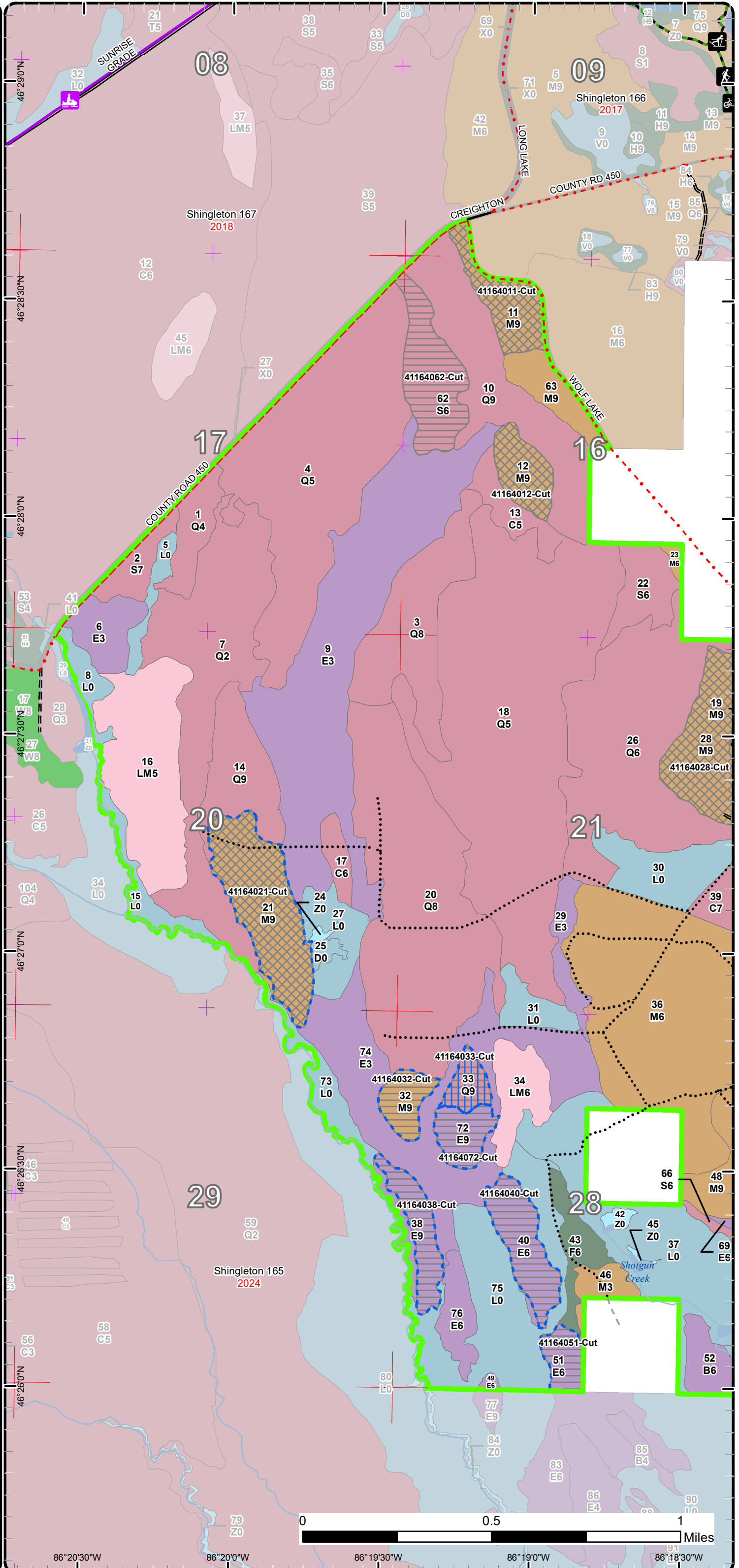
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

Compartment: 164
 T47N, R16W, Sec. 16-22, 27-29
 County: Schoolcraft
 Unit: Shingleton
 Mgmt Area: Seney Lake Plain
 YOE: 2025
 Acres: 3171.8 GIS Calculated
 Examiner: Steve Touvila
 Map Revised: 8/15/2023
 Map Phase: Review

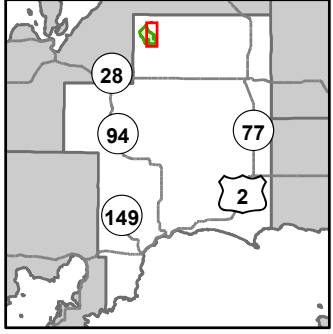


- Miris Corners
- Remonumented Section Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- DNR - Management Access
- Ski Trails
- Snowmobile Trails
- Designated Hiking Trails
- Designated Bicycle Trails
- Designated Ski Trails
- Designated Multi-Use Trails
- Designated Snowmobile Trails
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Compartment Boundary
- Treatments with Site Conditions
- Selection (Group, Single Tree)
- Clearcut (w/Reserves)
- Seed Tree (w/Reserves)
- 411 - Northern Hardwood
- 423 - Other Upland Conifers
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 500 - Water
- 622 - Lowland Shrub

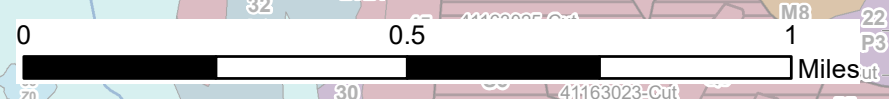
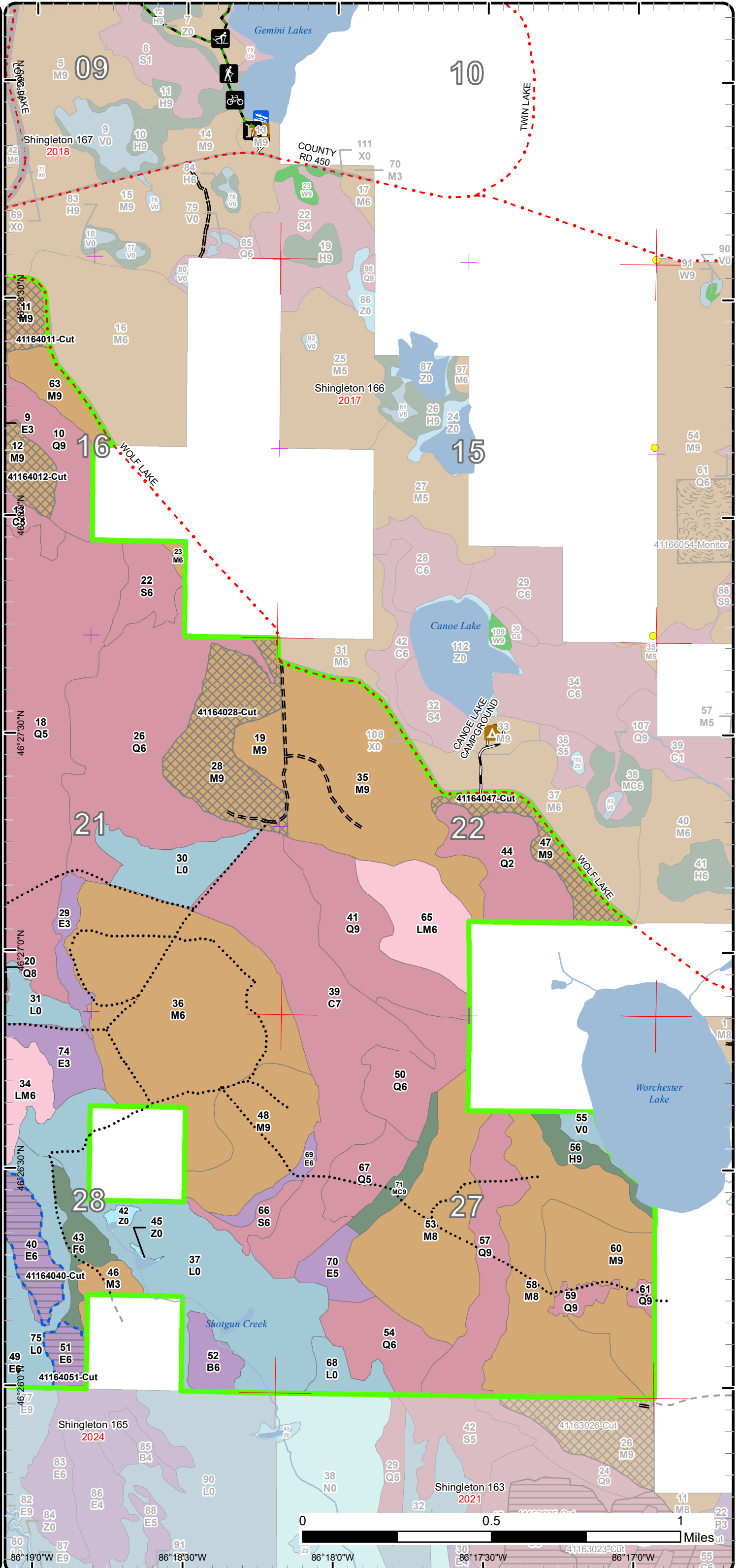


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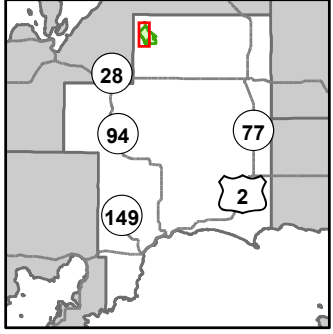
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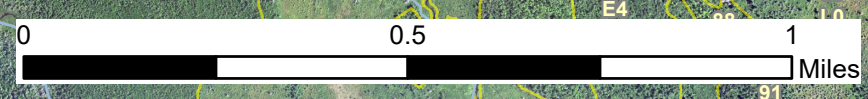
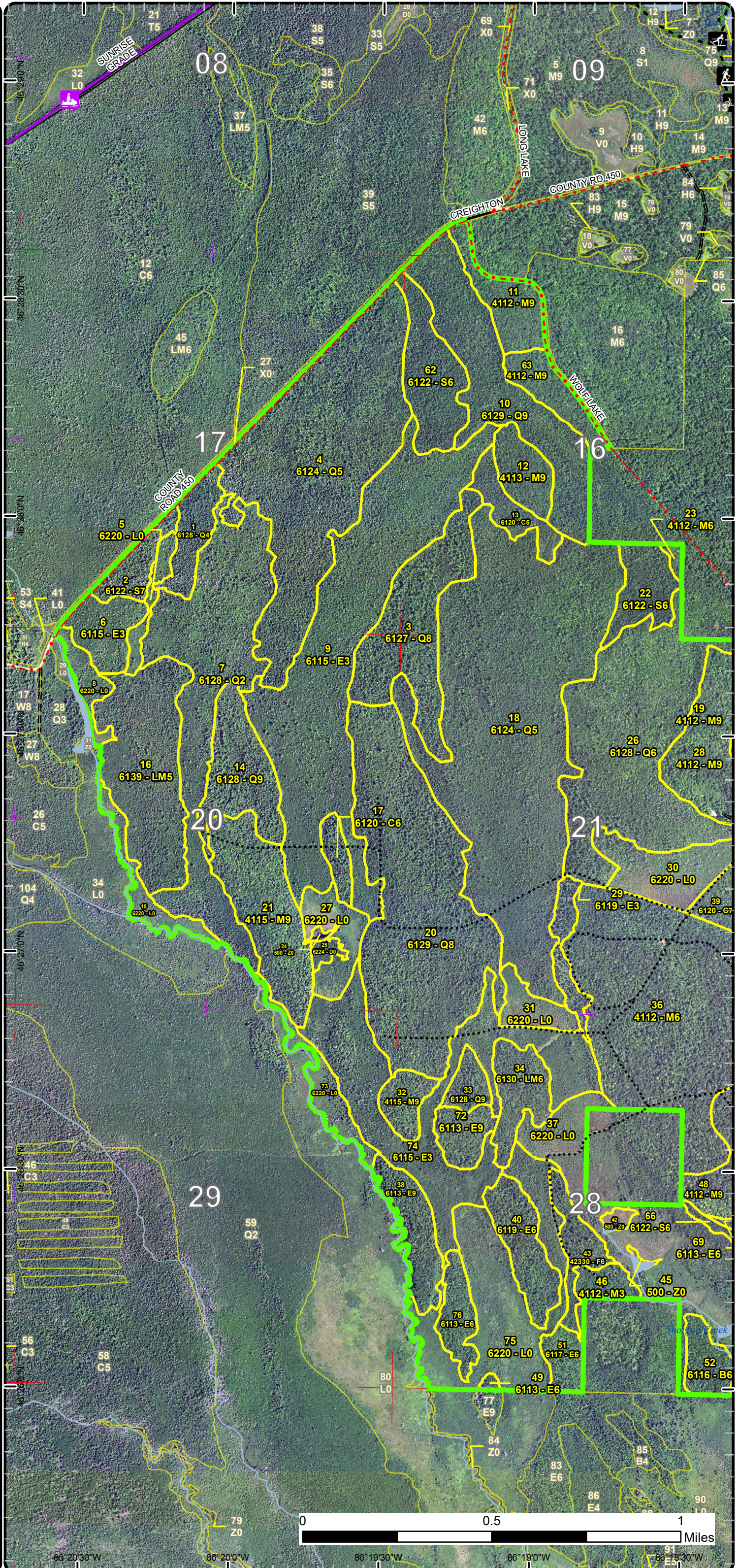
86°19'0"W 86°18'30"W 86°18'0"W 86°17'30"W 86°17'0"W

Stand Boundary Map

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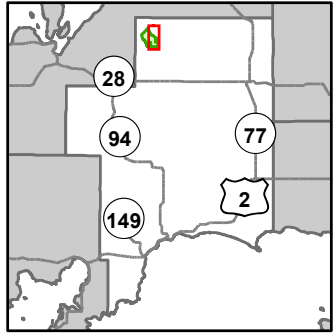
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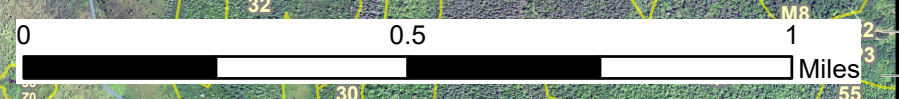
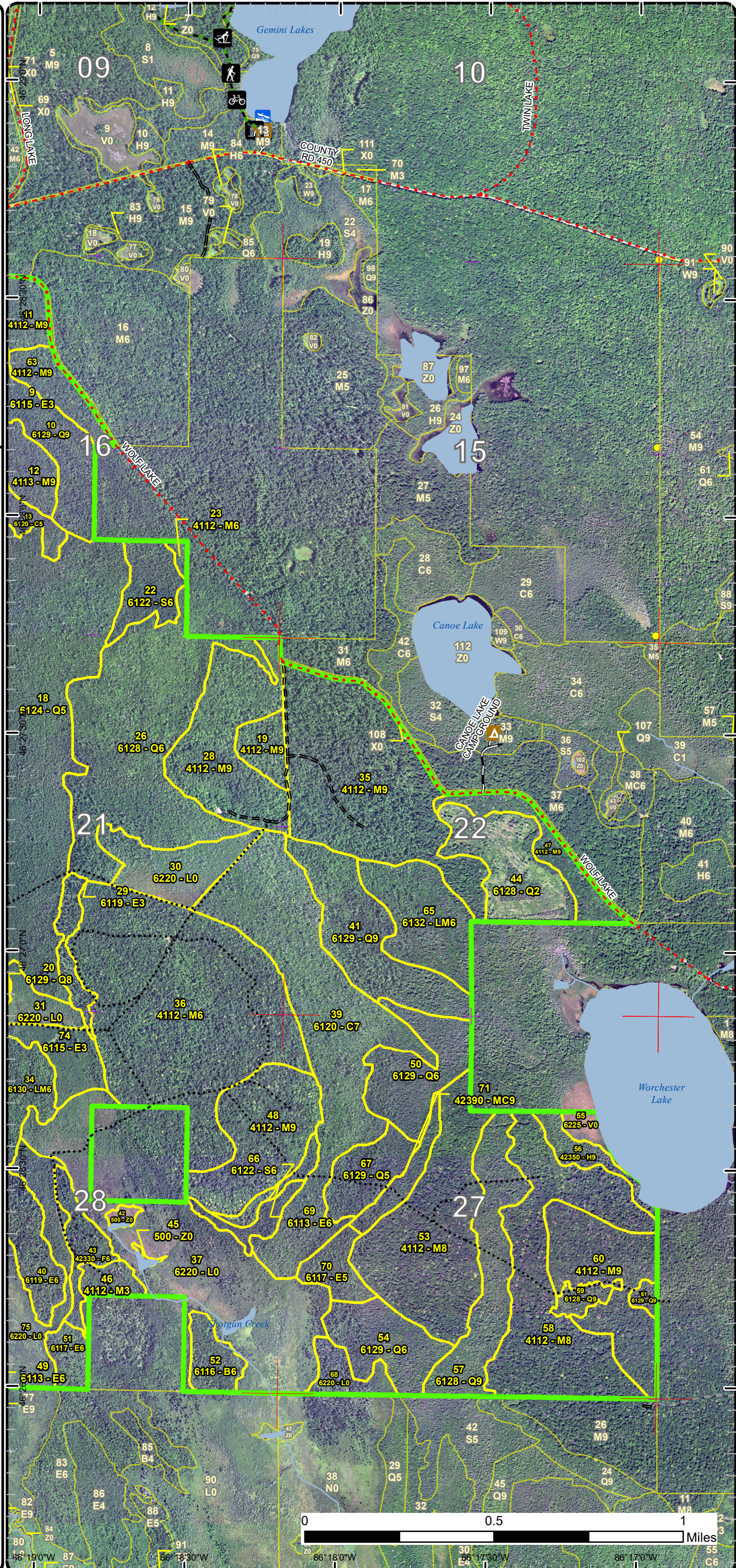
86°20'30"W
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86°19'30"W
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86°18'30"W

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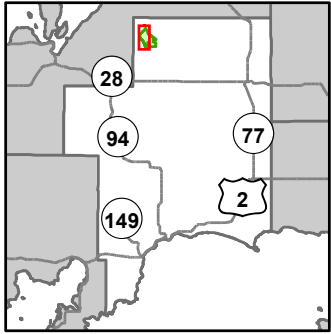
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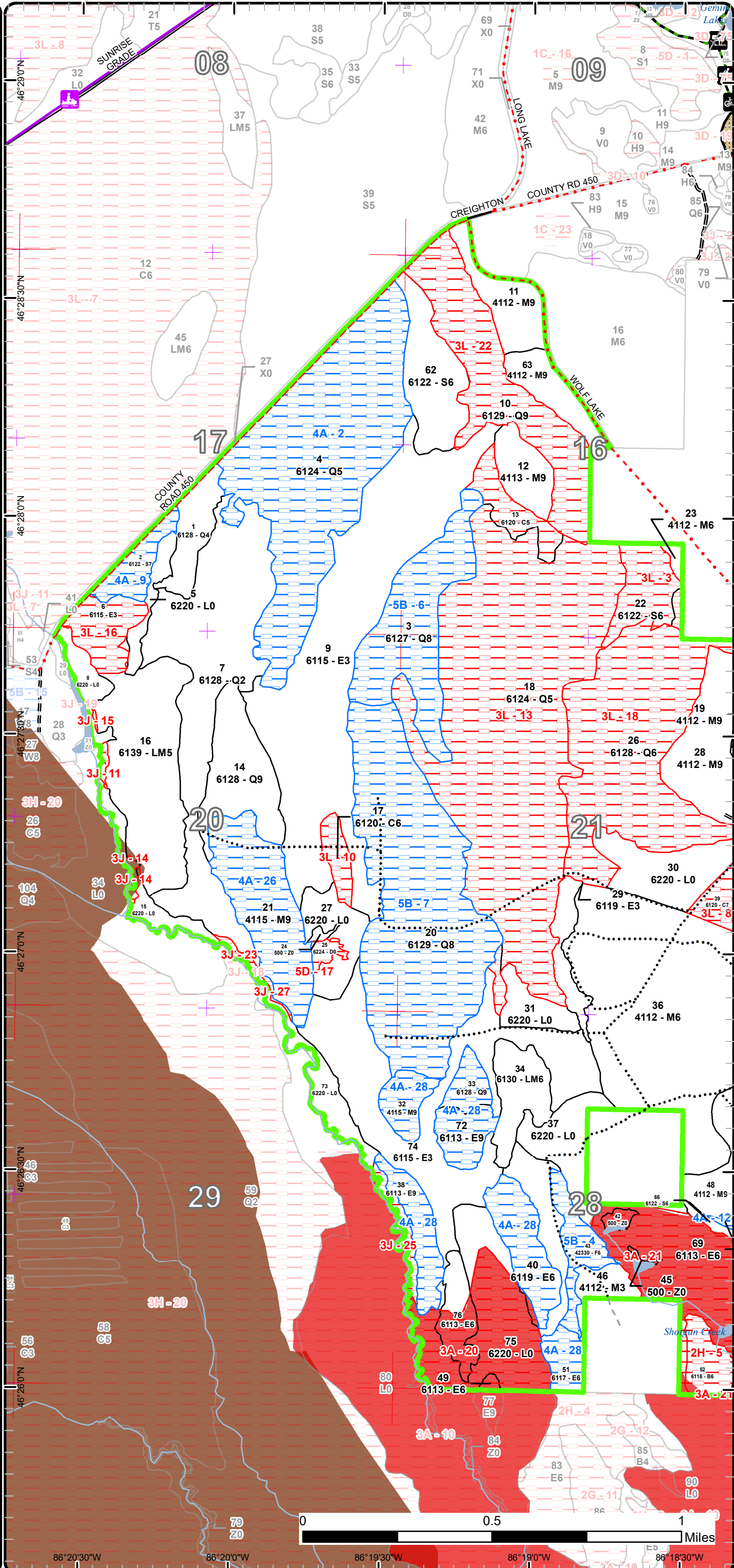
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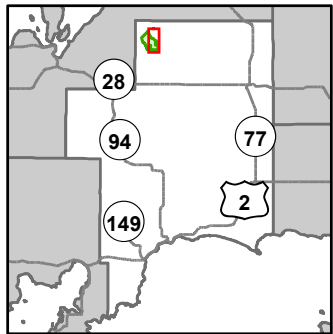


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- Compartment Boundary
- Available w/ Constraints
- 4A: No Markets Available for these Forest Products
- 5B: Maintain for regeneration purposes
- Unavailable
- 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
- 3A: Conservation Values incompatible with harvest at this time
- 3J: Water quality / BMPs (stream, river, or lake)
- 3L: Other wildlife concerns
- 5D: Unproductive Forest Land
- Stand Boundaries
- Ecological Reference Areas
- Cold Water Streams
- Cold Water Lakes
- Deer Winter Range

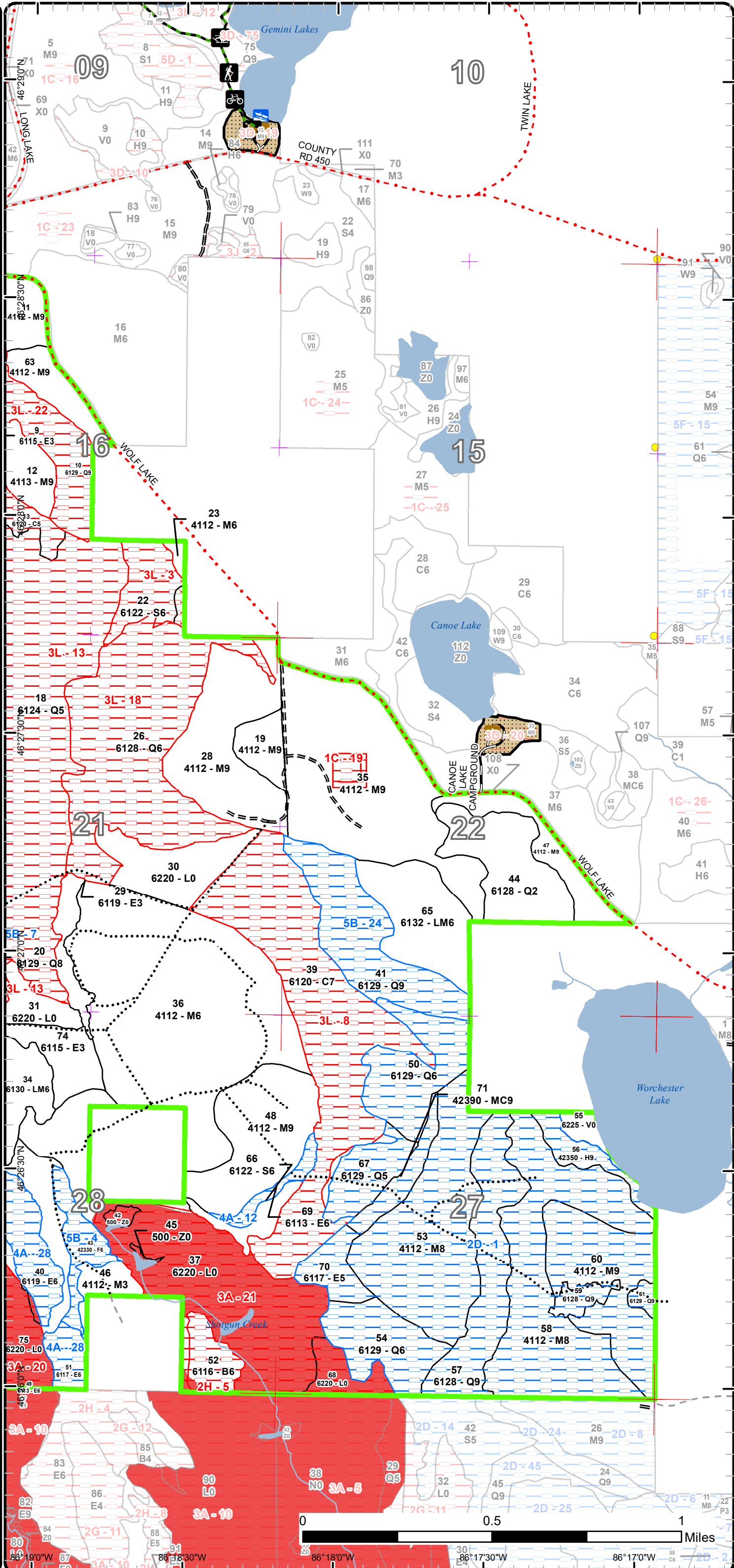


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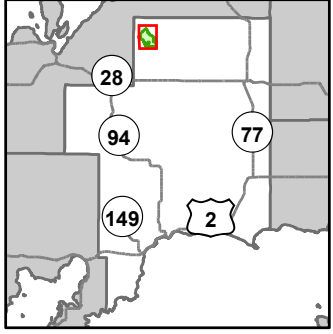


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- Available w/ Constraints
- 2D: Portable Bridge Needed (Dept. bridge will be adequate)
- 4A: No Markets Available for these Forest Products
- 5B: Maintain for regeneration purposes
- Unavailable
- 1C: Other dept or div proc/practices
- 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
- 3A: Conservation Values incompatible with harvest at this time
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- State Forest Campground

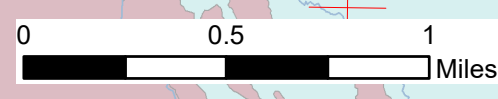
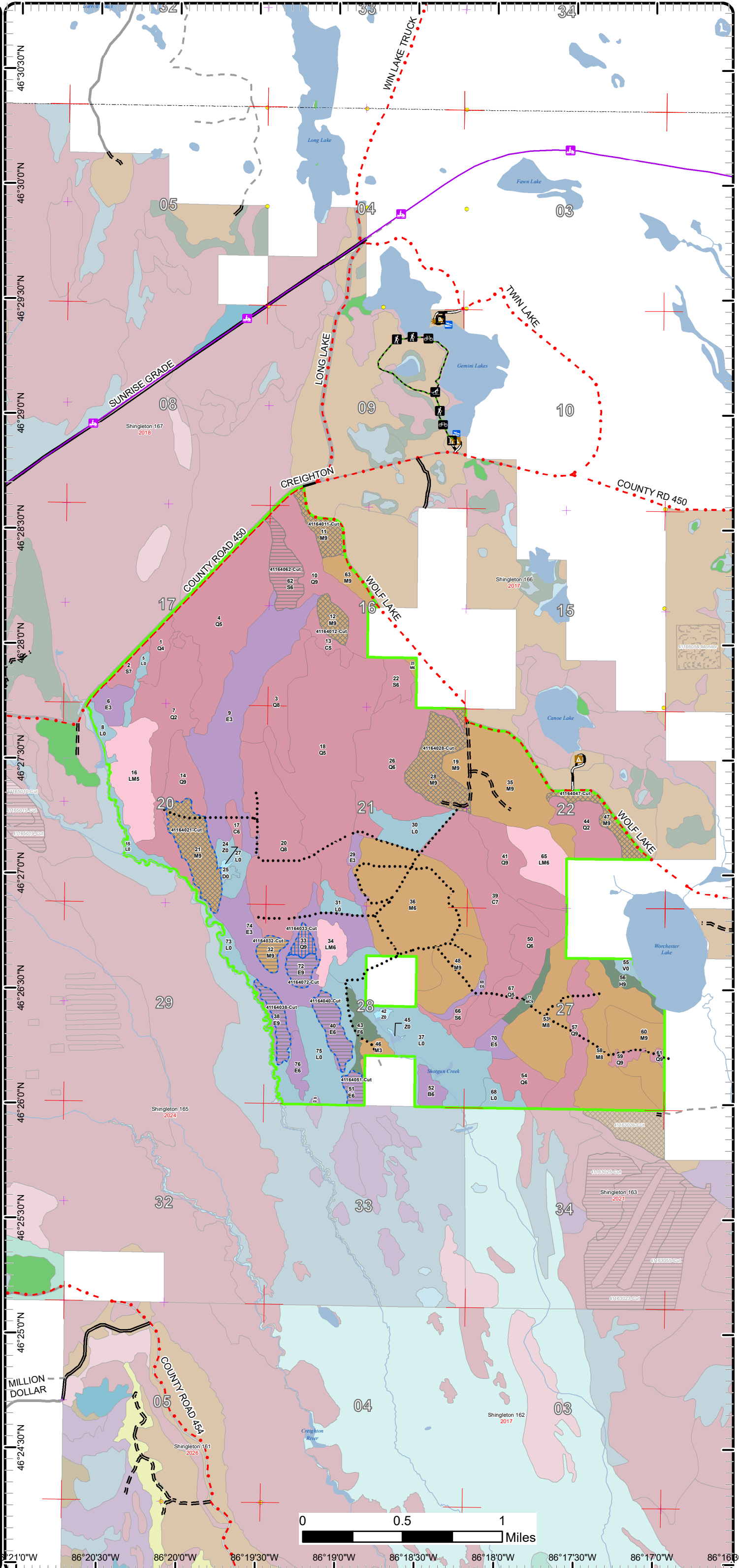


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Report 1 – Total Acres by Cover Type and Age Class



Age Class

	Non-Forest	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150+	Unseen-Aged	Total
Bog	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Cedar	0	0	0	0	0	0	0	0	0	0	0	0	14	0	138	0	0	0	152
Hemlock	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	12
Lowland Conifers	0	0	42	0	108	0	18	215	0	37	155	3	0	6	647	0	0	0	1231
Lowland Deciduous	0	0	12	0	98	162	14	33	0	41	0	0	24	13	0	0	0	0	397
Lowland Mixed Forest	0	0	0	0	0	0	70	21	41	0	0	0	0	0	0	0	0	0	132
Lowland Shrub	315	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	314
Lowland Spruce/Fir	0	0	0	0	0	0	0	9	0	0	0	53	0	14	0	0	0	0	76
Northern Hardwood	0	0	0	9	0	0	0	0	0	177	91	0	441	0	0	86	0	0	803
Paper Birch	0	0	0	0	0	0	0	0	0	0	14	0	0	0	0	0	0	0	14
Treed Bog	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Upland Conifers	0	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	12
Upland Spruce/Fir	0	0	0	0	0	15	0	0	0	0	0	0	0	0	0	0	0	0	15
Water	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Total	328	0	54	9	206	177	84	72	265	218	142	208	480	41	6	883	0	0	3171



Report 2 – Treatment Summary

Shingleton Mgt. Unit

Year of Entry: 2025

Acres of Harvest

Compartment 164

Total Compartment Acres: 3,172

Commercial Harvest - 154
 Harvests with Site Condition - 134
 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
Lowland Conifers	0	0	0	9	0	0	0	0	0	9
Lowland Deciduous	63	0	0	0	0	0	0	0	0	63
Lowland Spruce/Fir	33	0	0	0	0	0	0	0	0	33
Northern Hardwood	12	171	0	0	0	0	0	0	0	183
Total	108	171	0	9	0	0	0	0	0	287

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	287	0	0	0	0	0	0	0	0	287
Next Step	0	0	0	0	0	0	287	0	0	287
Total	287	0	0	0	0	0	287	0	0	575



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

<p>11 41164011-Cut 21.5 4112 - Maple, Beech, Cherry Association Sawtimber Well 110 111-140 Harvest Single Tree Selection 411 - Northern Hardwood Uneven-Aged No</p> <p><u>Prescription</u> Select cut to target BA of 60-70 outside of regeneration gaps. Don't cut hemlock, white pine, and cedar. Create some canopy gaps around the hemlock to encourage hemlock regeneration. In some areas cut small groups of black cherry and the other trees to open the canopy to promote cherry stump sprout regeneration.</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> black cherry, red maple, sugar maple, balsam fir, white spruce, hemlock, white pine, beech, paper birch, yellow birch</p> <p><u>Other Comment:</u> Refresh the paint and mark more trees as needed, especially to promote black cherry. Sale boundary line needs to be added on south end of the stand.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>
<p>12 41164012-Cut 16.4 4113 - R.Maple, Conifer Sawtimber Well 90 111-140 Harvest Single Tree Selection 411 - Northern Hardwood Uneven-Aged No</p> <p><u>Prescription</u> Select harvest to an average 80 BA outside of regen gaps following current marking guidelines. Don't cut hemlock and cedar. Release around the drip edges of hemlock where appropriate. Try to promote black cherry by removing competition around existing black cherry and cutting some black cherry while creating canopy gaps to encourage stump sprouting. Cut all merchantable balsam fir.</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> red maple, sugar maple, black cherry, paper birch, yellow birch, beech, white spruce, balsam fir, white pine, cedar</p> <p><u>Other Comment:</u> Refresh the paint from the uncut sale and mark more trees as needed. If cut during the summer timber mats, or other form of trail hardening, would be needed on the existing skid trail though stand 10.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>
<p>21 41164021-Cut 50.1 4115 - Y.Birch, Hemlock NH Sawtimber Well 110 111-140 Harvest Group Selection 4115 - Y.Birch, Hemlock NH Two-Aged No</p> <p><u>Prescription</u> Cut all merchantable maple and balsam fir. Don't cut yellow birch unless necessary for operations. In addition, don't cut hemlock, cedar, and white pine. Winter cut only due to difficult access. Access from the east with the other proposed treatments. If entering from the west a department bridge would be required to cross Stoner Creek.</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> maple, birch, hemlock, white pine, cedar, balsam fir, beech, white spruce</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
28 41164028-Cut	61.6	4112 - Maple, Beech, Cherry Association	Sawtimber Well	110	111-140	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven-Aged	No
<p><u>Prescription</u> Remark trees from old sale and mark additional trees as needed. Don't cut hemlock or cedar. Create or enhance regeneration gaps with a target 60-70 BA outside the gaps to enhance the existing regeneration. Cutting some of the larger trees can help accomplish the goal. Cut all merchantable balsam fir.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Intermediate)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> maple, birch, beech, hemlock, aspen, cedar, white pine, white spruce, balsam fir</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>										
32 41164032-Cut	11.5	4115 - Y.Birch, Hemlock NH	Sawtimber Well	110	111-140	Harvest	Clearcut with Retention	411 - Northern Hardwood	Even-Aged	No
<p><u>Prescription</u> Clearcut all merchantable trees and leave a retention area. Don't cut hemlock and cedar. Winter cut only due to difficult access.</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, hemlock, birch, white spruce, balsam fir, hemlock, white pine, black cherry, aspen, balsam fir</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u> No Markets</p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>										
33 41164033-Cut	8.6	6128 - Lowland Coniferous, Mixed Deciduous	Sawtimber Well	142	81-110	Harvest	Seed Tree with Retention	612 - Lowland Coniferous Forest	Even-Aged	No
<p><u>Prescription</u> Clearcut all merchantable trees. Leave a chain wide strip running north and south on the west side as a seed source and retention.</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> hemlock, white pine, maple, birch, aspen, beech, balsam fir, white spruce</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>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
38 41164038-Cut	16.9	6113 - Lowland Maple	Sawtimber Well	110	81-110	Harvest	Clearcut with Retention	611 - Lowland Deciduous Forest	Even-Aged	No
<p><u>Prescription</u> Clearcut all merchantable trees. Don't cut hemlock, cedar and white pine. Retention will be within the 3J site condition. Winter cut only due to difficult access.</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, birch, black cherry, white spruce, balsam fir, hemlock, white pine, cedar, beech</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u> No Markets</p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>										
40 41164040-Cut	23.7	6119 - Mixed Lowland Deciduous Forest	Poletimber Well	85	51-80	Harvest	Clearcut with Retention	611 - Lowland Deciduous Forest	Even-Aged	No
<p><u>Prescription</u> Clearcut all merchantable trees. Don't cut white pine, cedar, and hemlock. Leave a retention area, a good spot for this could be the southwestern edge in the pattern fen site condition. Winter cut only due to difficult access.</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, birch, black cherry, beech, black spruce, balsam fir, hemlock, white spruce, white pine</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u> No Markets</p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>										
47 41164047-Cut	21.4	4112 - Maple, Beech, Cherry Association	Sawtimber Well	90	111-140	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven-Aged	No
<p><u>Prescription</u> Create regeneration gaps per guidelines and mark to a target 80 BA outside of the regeneration gaps. Try to enhance the black cherry, yellow birch, and hemlock regeneration.</p> <p><u>Specs:</u> Don't cut cedar or hemlock. Cut all merchantable balsam fir.</p> <p><u>Next Step</u> Monitoring, Natural Regen (Intermediate)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> red maple, sugar maple, beech, black cherry, paper birch, yellow birch, balsam fir, white spruce, hemlock</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>										

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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
51 41164051-Cut	9.8	6117 - Lowland Deciduous, Mixed Coniferous	Poletimber Well	89	81-110	Harvest	Clearcut with Retention	611 - Lowland Deciduous Forest	Even-Aged	No
<p><u>Prescription</u> Clearcut all merchantable trees. Don't cut white pine, hemlock, and cedar. Leave a retention area. Winter cut only due to difficult access.</p> <p><u>Specs:</u> Leave retention in linear north/south strip 1 chain wide on the west side of the stand.</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> maple, birch, black cherry, aspen, balsam fir, white pine, hemlock, cedar, white spruce</p> <p><u>Regen:</u></p> <p><u>Other</u> Cut any alder for operability for regeneration purposes.</p> <p><u>Comment:</u></p> <p><u>Site Condition</u> No Markets</p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>										
62 41164062-Cut	32.9	6122 - Black Spruce	Poletimber Well	108	111-140	Harvest	Clearcut with Retention	6122 - Black Spruce	Even-Aged	No
<p><u>Prescription</u> Cut all merchantable species and leave retention pocket per policy. Don't cut cedar and white pine, or any hemlock encountered. Winter cut</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> black spruce, tamarack, cedar, balsam fir, white pine, hemlock, red maple, paper birch, white pine,</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>										
72 41164072-Cut	13.0	6113 - Lowland Maple	Sawtimber Well	120	111-140	Harvest	Clearcut with Retention	611 - Lowland Deciduous Forest	Even-Aged	No
<p><u>Prescription</u> Clearcut with retention merchantable trees. Don't cut hemlock or cedar. Leave retention per guidelines. Winter cut only due to access.</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, balsam fir, white spruce, birch, aspen, beech, hemlock, white pine</p> <p><u>Regen:</u></p> <p><u>Other</u> Road work may be needed to the northeast in stand 30 even though this will be a winter cut.</p> <p><u>Comment:</u></p> <p><u>Site Condition</u> No Markets</p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>										

Total Treatment 287.4
Acres Proposed:

Report 4 – Site Conditions

Shingleton Mgt. Unit
Steve Touvila : Examiner

Compartment: 164
Year of Entry: 2025

Availability for Management

Total Acres	Acres Available	Acres Avail		Acres Not Available	Dominant Site Conditions												
		With Condition			2D	4A	5B	1C	2H	3A	3J	3L	5D				
6	6	0		0	Bog	0											
153	0	0		153	Cedar										153		
12	0	12		0	Hemlock	12											
1232	204	577		451	Lowland Conifers	148	164	265				2		450			
397	278	84		35	Lowland Deciduous	14	70	0			10	6		18			
132	130	0		2	Lowland Mixed Forest							2					
315	158	0		156	Lowland Shrub			0			155	1					
76	42	14		20	Lowland Spruce/Fir		14							20			
803	502	296		6	Northern Hardwood	234	62	0	5			1					
14	0	0		14	Paper Birch					14							
3	0	0		3	Treed Bog												3
11	0	11		0	Upland Conifers	11											
15	0	15		0	Upland Spruce/Fir			15									
4	1	0		3	Water						3						
3,172	1,320	1,009		843	Total Forested Acres	419	310	280	5	14	169	11	641	3			
	42%	32%		27%	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	2D: Portable Bridge Needed (Dept. bridge will be adequate)	419	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
2	Available	4A: No Markets Available for these Forest Products	155	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Basal area is too low averaging around 50.							

Report 4 – Site Conditions

Shingleton Mgt. Unit
Steve Touvila : Examiner

Compartment: 164
Year of Entry: 2025

3	Unavailable	3L: Other wildlife concerns	22	4A: No Markets Available for these Forest Products	Unspecified	Unspecified	Unspecified
Comments:							
4	Available	5B: Maintain for regeneration purposes	15	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	14	2B: Unknown if access through adjacent landowner(s) is possible	Unspecified	Unspecified	Unspecified
Comments: Blocked by patterned fen.							
6	Available	5B: Maintain for regeneration purposes	60	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
7	Available	5B: Maintain for regeneration purposes	152	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
8	Unavailable	3L: Other wildlife concerns	130	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Shingleton Mgt. Unit
Steve Touvila : Examiner

Compartment: 164
Year of Entry: 2025

9	Available	4A: No Markets Available for these Forest Products	14	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
10	Unavailable	3L: Other wildlife concerns	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Purchased land.							
11	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Creek buffer.							
12	Available	4A: No Markets Available for these Forest Products	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
13	Unavailable	3L: Other wildlife concerns	267	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Purchased land.							
14	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Creek buffer.							

Report 4 – Site Conditions

Shingleton Mgt. Unit
Steve Touvila : Examiner

Compartment: 164
Year of Entry: 2025

15	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Stoner Creek buffer.							
16	Unavailable	3L: Other wildlife concerns	18	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Purchased land.							
17	Unavailable	5D: Unproductive Forest Land	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Walters research project.							
18	Unavailable	3L: Other wildlife concerns	124	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Purchased land and 30% cedar 25% hemlock.							
19	Unavailable	1C: Other dept or div proc/practices	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Walters Research Project: Long-term beech regeneration monitoring, up to 20 years (through 2039)							
20	Unavailable	3A: Conservation Values incompatible with harvest at this time	56	Unspecified	Unspecified	Unspecified	Unspecified
Comments: ERA							

Report 4 – Site Conditions

Shingleton Mgt. Unit
Steve Touvila : Examiner

Compartment: 164
Year of Entry: 2025

21	Unavailable	3A: Conservation Values incompatible with harvest at this time	113	Unspecified	Unspecified	Unspecified	Unspecified
Comments: ERA							
22	Unavailable	3L: Other wildlife concerns	71	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Purchased land with 45% cedar and 20% hemlock.							
23	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Stoner Creek buffer.							
24	Available	5B: Maintain for regeneration purposes	53	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
25	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Stoner Creek buffer.							
26	Available	4A: No Markets Available for these Forest Products	50	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Shingleton Mgt. Unit
Steve Touvila : Examiner

Compartment: 164
Year of Entry: 2025

27	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: 100' stream buffer.							
28	Available	4A: No Markets Available for these Forest Products	84	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Mgt. Unit

Compartment: #Type!

Year of Entry:



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

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

SCA Name	SCA Category	Detail Type	Recommendation	Acres
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Comments



Report 6 – EXISTING SPECIAL CONSERVATION AREA DETAILS

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

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

Conservation Area	Type	Description
SCA	Cold Water Lake	A coldwater lake has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species to persist from year to year. Suitable conditions for coldwater fishes may occur in Michigan lakes if they are relatively deep, have substantial groundwater inflows, or are located in colder (northern) areas of the state. Such lakes are established by Director's action and designated as trout resources by Fisheries Order 200.
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species (e.g., slimy sculpin) to persist from year to year. Coldwater streams in Michigan typically provide these conditions due to substantial contributions of groundwater to their stream flows. Such streams are established by Director's action and designated as trout resources by Fisheries Order 210.
SCA	Habitat Area	An area that provide some specific need for the life cycle of wildlife species, including State Wildlife Areas and Waterfowl Production Areas, deer wintering complexes in lowland conifer communities, grassland openings and savannas. Habitat areas are distinct from critical habitat designated for recovery of endangered or threatened species (such as Kirtland's warbler or piping plover areas) in that they are more general in nature, are not primarily associated with threatened or endangered species, and are not covered by species recovery plans that are developed in cooperation with Federal agencies.
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
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1	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Poor	17.7	60	1-50	N/A	Cut in 1962. The regeneration is growing into pole size. The southern 2.8 acres was an uncut unit from 164 Spruce. The tamarack has since died.
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Canopy Species	% Cover	Size Class	DBH	Age
Tamarack	33	Sapling/Pole	4	
Red Maple	10	Sapling/Pole	4	
Paper Birch	10	Pole/Sapling	5	
Northern White Cedar	2	Sapling	2	
Balsam Fir	5	Sapling/Pole	4	
Black Spruce	40	Pole/Sapling	5	60

Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	Medium	>20 feet	Sapling
Tag Alder	Medium	Variable	Tall Shrub
Paper Birch	Low	>20 feet	Sapling
Tamarack	Medium	>20 feet	Sapling

2	6122 - Black Spruce	Sawtimber Poor	13.7	126	1-50	N/A	This stand was part of 164 Spruce and wasn't cut. Most of the tamarack has since died. Black spruce growth rings show fast growth on this site.
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Canopy Species	% Cover	Size Class	DBH	Age
Paper Birch	2	Pole	6	
Black Spruce	85	Pole/Log	9	126
Northern White Cedar	5	Pole	8	
Red Maple	2	Pole	8	
Tamarack	3	Log	16	
White Pine	3	Log	14	

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Low	10 - 20 feet	Sapling
Tag Alder	Medium	5 - 10 feet	Tall Shrub
Northern White Cedar	Trace	5 - 10 feet	Sapling
Balsam Fir	Low	5 - 10 feet	Sapling
Black Spruce	Low	Variable	Sapling
Paper Birch	Low	10 - 20 feet	Sapling

3	6127 - Lowland Pine	Sawtimber Medium	60.4	142	51-80	N/A	Evenly distributed large white pine. There's evidence of mature black spruce that has broken up in the stand. A mix of younger trees are regenerating and will gradually fill the open canopy space. The balsam fir doesn't appear to do well here or live long.
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Canopy Species	% Cover	Size Class	DBH	Age
Hemlock	2	Log	16	
Balsam Fir	5	Sapling/Pole	4	
Northern White Cedar	5	Log/Pole	12	
Red Maple	2	Pole/Sapling	7	
White Pine	65	XLog/Log/Pole	20	142
Black Spruce	21	Pole/Sapling	6	

Sub-Canopy Species	Density	Avg. Height	Size
Tag Alder	Medium	Variable	Tall Shrub
Balsam Fir	Medium	10 - 20 feet	Sapling
Black Spruce	Medium	>20 feet	Sapling
Red Maple	Medium	10 - 20 feet	Sapling
Northern White Cedar	Low	Variable	Sapling
White Pine	Medium	Variable	Sapling

4	6124 - Lowland Spruce-Fir	Poletimber Medium	155.4	105	1-50	N/A	Thirty-seven acres of this stand was part of 164 Spruce treatment from the 2013 inventory, in which the entire sale was turned back and closed in 2019. Stand breakup was noted in the previous inventory and has continued with the BA averaging around 50. Natural regeneration is occurring throughout this stand.
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Canopy Species	% Cover	Size Class	DBH	Age
Balsam Fir	14	Pole	6	
Paper Birch	2	Pole	7	
Red Maple	5	Pole	7	
Northern White Cedar	34	Log/Pole	10	
Black Spruce	42	Pole	8	105
Tamarack	3	Log/Pole	10	

Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	Low	Variable	Sapling
Balsam Fir	Medium	Variable	Sapling
Red Maple	Low	Variable	Sapling
Tag Alder	High	Variable	Tall Shrub
Northern White Cedar	Medium	Variable	Sapling

5	6220 - Alder/willow	Nonstocked	8.1		Unspecified	No	Tag alder with scattered black spruce.
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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6	6115 - Lowland Ash	Sapling Well	18.8	61	1-50	N/A	Black ash with widely scattered cedar.																																										
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7	6128 - Lowland Coniferous, Mixed Deciduous	Sapling Medium	108.2	31	1-50	N/A	Sapling stand with scattered mature trees.																																																									
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8	6220 - Alder/willow	Nonstocked	9.9		Unspecified	No	Lowland brush along Stoner Creek with a few scattered trees.
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9	6115 - Lowland Ash	Sapling Well	161.7	41	1-50	N/A	Wet ground with black ash being the dominate species. There are scattered mature black spruce, balsam fir, cedar, and red maple. Imagery shows that black ash becomes more dominate when traveling south through the stand.																																												
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10	6129 - Mixed Coniferous Lowland Forest	Sawtimber Well	71.2	142	81-110	N/A	There are many open canopy areas that have advanced cedar regeneration.																																																							
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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11	4112 - Maple, Beech, Cherry Association	Sawtimber Well	21.5	110	111-140	N/A	Block 2 on wolf Lake 41-025-15-01 was not cut in 2016 and the sale was closed. Consider treatment now to begin black cherry regeneration. The black cherry is healthy at this point. A future treatment could focus on enhancing the anticipated black cherry regeneration from this proposed treatment.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Yellow Birch	1	Log/Pole	16		Beech	Low	5 - 10 feet	Sapling
Sugar Maple	20	Pole/Log	8		Red Maple	Medium	Variable	Sapling
Balsam Fir	1	Pole	8		White Pine	Trace	5 - 10 feet	Sapling
White Pine	1	XLog/Log	18		Hemlock	Low	Variable	Sapling
White Spruce	1	Log/Pole	10		Black Cherry	Trace	5 - 10 feet	Sapling
Black Cherry	37	Log/Pole	11	110	Yellow Birch	Trace	>20 feet	Sapling
Hemlock	5	Log	16		Balsam Fir	Medium	5 - 10 feet	Sapling
Red Maple	34	Log/Pole	12		Sugar Maple	Medium	Variable	Sapling

12	4113 - R.Maple, Conifer	Sawtimber Well	16.4	90	111-140	N/A	Block 2 on wolf Lake 41-025-15-01 sale was not cut and closed. The perimeter contains advanced hemlock regeneration.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch	1	Pole	9		Beech	Trace	Variable	Sapling
Northern White Cedar	1	Log	10		Balsam Fir	Medium	Variable	Sapling
Black Cherry	10	Pole/Log	9		Red Maple	Low	Variable	Sapling
Red Maple	55	Pole/Log	9	90	Sugar Maple	High	Variable	Sapling
Hemlock	15	Log/XLog/Pole	16		Northern White Cedar	Trace	5 - 10 feet	Sapling
Sugar Maple	5	Pole	8		White Spruce	Low	Variable	Sapling
White Spruce	13	Log/Pole/XLog	10		Hemlock	Medium	Variable	Sapling

13	6120 - Lowland Cedar	Poletimber Medium	14.3	121	51-80	N/A	Cedar and black spruce are regenerating in the canopy openings.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine	5	Log	14		Balsam Fir	Low	Variable	Sapling
Black Spruce	35	Pole	8		Northern White Cedar	High	Variable	Sapling
Tamarack	5	Pole	7		Black Spruce	Medium	Variable	Sapling
Northern White Cedar	55	Pole	9	121	Tag Alder	Medium	Variable	Tall Shrub

14	6128 - Lowland Coniferous, Mixed Deciduous	Sawtimber Well	35.6	71	81-110	N/A	The hemlock and hemlock saplings are in the south end of the stand.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Northern White Cedar	10	Pole/Log	9		Tag Alder	Low	5 - 10 feet	Tall Shrub
Black Spruce	30	Pole	8		Hemlock	Trace	Variable	Sapling
Hemlock	2	Log	16		Beech	Trace	5 - 10 feet	Sapling
Red Maple	32	Pole/Sapling	7	71	Black Spruce	Medium	Variable	Sapling
White Pine	26	Log/XLog	16		Red Maple	Medium	>20 feet	Sapling
					White Pine	Low	5 - 10 feet	Sapling
					Balsam Fir	Medium	>20 feet	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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15 6220 - Alder/willow Nonstocked 13.1 Unspecified No Lowland brush along Stoner Creek with some scattered black ash and tamarack.

Sub-Canopy Species	Density	Avg. Height	Size
Tag Alder	Full		Tall Shrub

16 6139 - Mixed Lowland Forest Poletimber Medium 69.5 51 51-80 N/A Stand is a mix of poles and saplings with scattered mature black spruce and cedar.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	30	Pole/Sapling	5	51	Red Maple	Medium	>20 feet	Sapling
Balsam Fir	23	Pole/Sapling	5		Black Spruce	Medium	Variable	Sapling
Paper Birch	2	Pole	6		Tag Alder	Medium	Variable	Tall Shrub
White Pine	2	Log	14		Yellow Birch	Low	>20 feet	Sapling
Black Ash	10	Pole/Sapling	5		Northern White Cedar	Low	Variable	Sapling
Black Spruce	23	Pole/Sapling	5		Balsam Fir	Medium	Variable	Sapling
Northern White Cedar	10	Pole	8					

17 6120 - Lowland Cedar Poletimber Well 7.9 142 81-110 N/A

18 6124 - Lowland Spruce-Fir Poletimber Medium 250.2 142 1-50 N/A BA is low with scattered mature trees and sapling subcanopy.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	25	Pole	7		Tag Alder	Full	Variable	Tall Shrub
Balsam Fir	25	Pole	6		Balsam Fir	Medium	Variable	Sapling
Black Ash	10	Pole/Sapling	5		Red Maple	Low	10 - 20 feet	Sapling
Paper Birch	5	Pole	7		Northern White Cedar	Medium	5 - 10 feet	Sapling
Red Maple	5	Pole	7		Black Ash	Full	>20 feet	Sapling
Northern White Cedar	30	Pole/Log	8	142				

19 4112 - Maple, Beech, Cherry Association Sawtimber Well 12.1 110 81-110 N/A Block 2 on wolf Lake 41-025-15-01. Only unit 6 was cut in 2019.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	2	Pole	7		Red Maple	Medium	10 - 20 feet	Sapling
Yellow Birch	2	Log/Pole	10		Yellow Birch	Medium	>20 feet	Sapling
Red Maple	30	Log/Pole	12		Sugar Maple	Medium	10 - 20 feet	Sapling
Sugar Maple	60	Log/Pole	12	110	Balsam Fir	Medium	>20 feet	Sapling
Beech	1	Log/Pole	11		Beech	Medium	Variable	Sapling
Hemlock	1	Log	16					
Black Cherry	4	Log/Pole	11					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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20 6129 - Mixed Coniferous Lowland Forest Sawtimber Medium 154.5 142 51-80 N/A

Stand is currently dominated by mature hemlock. A younger subcanopy of mixed species is mostly in the sapling stage but starting to recruit into the canopy. The northern 12-acre square of this stand has mature red maple and hemlock.

Canopy Species				% Cover	Size Class	DBH	Age	Sub-Canopy Species			Density	Avg. Height	Size
Northern White Cedar				5	Log/Pole	10		Red Maple			High	>20 feet	Sapling
Paper Birch				6	Pole/Sapling	6		Northern White Cedar			Low	Variable	Sapling
Black Spruce				2	Pole/Sapling	5		Paper Birch			Low	>20 feet	Sapling
Red Maple				7	Sapling/Pole	4		Yellow Birch			Trace	>20 feet	Sapling
Hemlock				70	Log/XLog/Pole	16	142	Balsam Fir			Medium	>20 feet	Sapling
White Pine				10	XLog/Log	20		Black Spruce			Low	>20 feet	Sapling

21 4115 - Y.Birch, Hemlock NH Sawtimber Well 50.9 110 111-140 N/A

Canopy Species				% Cover	Size Class	DBH	Age	Sub-Canopy Species			Density	Avg. Height	Size
Sugar Maple				10	Pole	7		Beech			Low	Variable	Sapling
Balsam Fir				5	Pole	6		Balsam Fir			Low	Variable	Sapling
White Pine				2	Log/XLog/Pole	15		Red Maple			Medium	Variable	Sapling
Hemlock				5	Log/XLog	16		Tag Alder			Low	Variable	Tall Shrub
Red Maple				60	Log/Pole/XLog	11	110	Sugar Maple			Medium	Variable	Sapling
Northern White Cedar				3	Log/Pole	10							
Yellow Birch				15	Pole/Log/Sap	6							

22 6122 - Black Spruce Poletimber Well 20.2 105 111-140 N/A

Canopy Species				% Cover	Size Class	DBH	Age	Sub-Canopy Species			Density	Avg. Height	Size
Paper Birch				10	Pole	7		Black Spruce			Low	Variable	Sapling
Tamarack				10	Pole	9		Hemlock			Low	Variable	Sapling
Red Maple				3	Log/Pole	11		Northern White Cedar			Low	Variable	Sapling
Northern White Cedar				15	Log/Pole	12		Red Maple			Low	Variable	Sapling
Balsam Fir				3	Pole	6		Balsam Fir			High	Variable	Sapling
Hemlock				2	Log/Pole	10							
White Pine				5	Log/XLog	16							
Black Spruce				52	Pole	9	105						

23 4112 - Maple, Beech, Cherry Association Poletimber Well 2.1 110 111-140 N/A

Black cherry is dying back.

Canopy Species				% Cover	Size Class	DBH	Age	Sub-Canopy Species			Density	Avg. Height	Size
Black Cherry				5	Log/Pole	10		Sugar Maple			Medium	>20 feet	Sapling
White Spruce				3	Log	12		Black Cherry			Trace	Variable	Sapling
Balsam Fir				2	Pole	8		Balsam Fir			Medium	Variable	Sapling
Red Maple				64	Log/Pole/XLog	11	110	Red Maple			Medium	>20 feet	Sapling
Hemlock				5	Log	12		Hemlock			Trace	Variable	Sapling
Northern White Cedar				1	Pole	9							
Sugar Maple				20	Log/Pole	11							



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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24 500 - Water Nonstocked 1.0 Unspecified No

25 6224 - Treed Bog Nonstocked 3.2 Unspecified No

Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	Medium		Sapling
Tamarack	Low		Sapling
Northern White Cedar	Low		Pole

26 6128 - Lowland Coniferous, Mixed Deciduous Poletimber Well 125.5 70 51-80 N/A Evenly distributed cedar regeneration in the 5-10' range.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Yellow Birch	1	Pole/Sapling	7		Yellow Birch	Trace	10 - 20 feet	Sapling
White Pine	1	XLog	20		Hemlock	Low	Variable	Sapling
Balsam Fir	20	Pole/Sapling	6		Balsam Fir	Medium	Variable	Sapling
White Spruce	8	Pole/Log	9		Black Ash	Medium	10 - 20 feet	Sapling
Northern White Cedar	20	Pole	8		Northern White Cedar	Medium	5 - 10 feet	Sapling
Hemlock	10	Log/XLog	16		Tag Alder	Low	Variable	Tall Shrub
Black Ash	8	Pole/Sapling	5		Red Maple	Medium	>20 feet	Sapling
Black Spruce	5	Pole	7					
Red Maple	5	Pole	7					
Paper Birch	22	Pole	7	70				

27 6220 - Alder/willow Nonstocked 18.6 Unspecified No

28 4112 - Maple, Beech, Cherry Association Sawtimber Well 61.8 110 111-140 N/A Block 2 on wolf Lake 41-025-15-01. Only unit 6 was cut in 2019.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	38	Log/Pole	12		Yellow Birch	Medium	>20 feet	Sapling
Black Cherry	4	Log/Pole	11		Sugar Maple	Medium	10 - 20 feet	Sapling
Red Maple	50	Log/Pole/XLog	14	110	Balsam Fir	Medium	>20 feet	Sapling
Balsam Fir	4	Pole	7		Beech	Medium	Variable	Sapling
Hemlock	1	Log	16		Black Cherry	Low	10 - 20 feet	Sapling
Yellow Birch	2	Log/Pole	10		Red Maple	Medium	10 - 20 feet	Sapling
Beech	1	Log/Pole	11					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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29 6119 - Mixed Lowland Deciduous Forest Sapling Well 11.8 10 1-50 N/A Cut under contract TS# 41-028-10-01 in March 2013. Regeneration is fully stocked.

Canopy Species	% Cover	Size Class	DBH	Age
Hemlock	3	Sapling	1	
Hemlock	7	Log	14	
Yellow Birch	5	Sapling/Pole	3	
Black Cherry	30	Sapling	3	
Balsam Fir	5	Sapling/Pole	3	
Red Maple	50	Sapling	2	10

30 6220 - Alder/willow Nonstocked 30.4 Unspecified No

31 6220 - Alder/willow Nonstocked 12.0 Unspecified No

32 4115 - Y.Birch, Hemlock NH Sawtimber Well 11.5 110 111-140 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Cherry	1	Pole	9		Hemlock	Low	Variable	Sapling
Hemlock	15	Log/XLog/Pole	16		Yellow Birch	Low	>20 feet	Sapling
Paper Birch	2	Pole	8		Beech	Low	5 - 10 feet	Sapling
Northern White Cedar	1	Log	14		Red Maple	Medium	>20 feet	Sapling
Balsam Fir	2	Pole	6		Sugar Maple	Low	Variable	Sapling
White Spruce	2	Log	12					
Yellow Birch	5	Log	16					
Red Maple	72	Log/Pole/XLog	14	110				

33 6128 - Lowland Coniferous, Mixed Deciduous Sawtimber Well 8.6 142 81-110 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Hemlock	60	Log/Pole/XLog	16	142	Red Maple	Medium	Variable	Sapling
White Pine	15	Log/XLog	16		Balsam Fir	Medium	Variable	Sapling
Quaking Aspen	2	Log	12		Beech	Low	5 - 10 feet	Sapling
Balsam Fir	5	Pole	7		Hemlock	Low	Variable	Sapling
Red Maple	13	Pole/Log	8					
Paper Birch	5	Pole	8					

34 6130 - Fir, Aspen, Maple Poletimber Well 21.2 60 111-140 N/A TS# 41-028-10-01, Sale given back, never cut.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	50	Pole/Sapling	6	60	Balsam Fir	High	>20 feet	Sapling
Paper Birch	5	Pole	6		Red Maple	High	>20 feet	Sapling
Balsam Fir	40	Pole/Sapling	6					
White Spruce	5	Pole	8					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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35 4112 - Maple, Beech, Cherry Association Sawtimber Well 115.1 110 81-110 N/A Unevenaged northern hardwoods - selection cut was completed in early 2008, then beech salvage cut in late 2012. BA averages 90.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Yellow Birch	1	Log	14		Sugar Maple	Medium	10 - 20 feet	Sapling
White Spruce	1	Log	14		Red Maple	Medium	10 - 20 feet	Sapling
Red Maple	40	Log/Pole	14		Beech	Full	10 - 20 feet	Sapling
White Pine	2	XLog	18		Black Cherry	Medium	10 - 20 feet	Sapling
Sugar Maple	50	Log/Pole	14	110	Balsam Fir	Trace	Variable	Sapling
Black Cherry	6	Log	14					

36 4112 - Maple, Beech, Cherry Association Poletimber Well 176.5 80 51-80 N/A Thinned in the 1990's.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	34	Pole/Sap/Log	8		Yellow Birch	Low	>20 feet	Sapling
Beech	1	Log/Pole	10		Black Cherry	Medium	>20 feet	Sapling
Balsam Fir	3	Pole	6		Sugar Maple	Medium	>20 feet	Sapling
Sugar Maple	50	Pole/Sap/Log	8	80	Red Maple	High	>20 feet	Sapling
Hemlock	5	Log	14		Balsam Fir	Low	Variable	Sapling
White Pine	2	Log/XLog/Pole	16		Hemlock	Low	Variable	Sapling
Black Cherry	5	Pole/Sapling	6					

37 6220 - Alder/willow Nonstocked 120.3 Unspecified No

38 6113 - Lowland Maple Sawtimber Well 23.1 110 81-110 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Spruce	5	Log/Pole	12		Balsam Fir	Low	Variable	Sapling
Red Maple	85	Log/Pole	12	110	Red Maple	Medium	Variable	Sapling
Hemlock	1	Log	14		Beech	Medium	Variable	Sapling
Northern White Cedar	3	Log/Pole	11					
White Pine	1	Log	16					
Black Cherry	5	Log/Pole	10					

39 6120 - Lowland Cedar Sawtimber Poor 130.4 142 1-50 N/A The cedar mature cedar is dying off.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Yellow Birch	2	Log/Pole	10		Red Maple	Low	10 - 20 feet	Sapling
Northern White Cedar	50	Log/Pole	11	142	Northern White Cedar	Low	< 5 feet	Sapling
Tamarack	2	Log/Pole	10		Black Spruce	Low	5 - 10 feet	Sapling
White Pine	5	XLog/Log	20		Black Ash	Full	10 - 20 feet	Sapling
Paper Birch	5	Pole	8		Balsam Fir	Medium	Variable	Sapling
Black Spruce	13	Pole	7		Tag Alder	Medium	5 - 10 feet	Tall Shrub
Balsam Fir	18	Pole	6					
Red Maple	5	Pole	7					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																																													
40	6119 - Mixed Lowland Deciduous Forest	Poletimber Well	24.5	85	51-80	N/A	7/24/23- Paper birch is dying. This is a good time to treat to try to regenerate paper birch. TS# 41-028-10-01, Sale given back never cut.																																																																													
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41	6129 - Mixed Coniferous Lowland Forest	Sawtimber Well	53.2	145	81-110	N/A	The northwest tip of the stand contains log size red maple and yellow birch. The hemlock is mostly concentrated in the south end of the stand. The BA varies and drops to 51-80 in some areas.																																																																													
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43	42330 - Upland Fir	Poletimber Well	15.1	40	51-80	N/A																																																																														
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44	6128 - Lowland Coniferous, Mixed Deciduous	Sapling Medium	42.1	13	Immature	N/A	Cut was completed in winter 2010-2011. Regen survey done summer 2015, fully stocked stand.																																																																													
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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46 4112 - Maple, Beech, Cherry Association Sapling Well 9.3 25 Immature N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Cherry	10	Sapling/Pole	4		Balsam Fir	Low	5 - 10 feet	Sapling
White Pine	3	Log/Pole	14		Hemlock	Trace	< 5 feet	Sapling
Red Maple	45	Sapling	3	25				
Paper Birch	2	Pole/Sapling	5					
Beech	25	Sapling	3					
Yellow Birch	5	Sapling/Pole	4					
Hemlock	5	Log	16					
Balsam Fir	5	Pole/Sapling	5					

47 4112 - Maple, Beech, Cherry Association Sawtimber Well 21.4 90 111-140 N/A The majority of the beech is located in the northwest corner of the stand.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Yellow Birch	2	Log/Pole	10		Yellow Birch	Trace	>20 feet	Sapling
Black Cherry	3	Pole/Log	8		Black Cherry	Low	5 - 10 feet	Sapling
Beech	5	Pole/Log	9		Balsam Fir	Medium	Variable	Sapling
Balsam Fir	2	Pole	8		Sugar Maple	Low	Variable	Sapling
Sugar Maple	27	Log/Pole	10		Red Maple	Medium	Variable	Sapling
White Pine	1	Log	16		Hemlock	Low	5 - 10 feet	Sapling
Red Maple	55	Log/Pole	10	90	Beech	Full	5 - 10 feet	Sapling
Hemlock	5	Log	14					

48 4112 - Maple, Beech, Cherry Association Sawtimber Well 53.5 90 81-110 N/A Thinned in the 1990's. The BA will be dropping to the lower range of this class as the beech continues to die.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	35	Log/Pole	11	90	Balsam Fir	Low	Variable	Sapling
White Pine	3	Log/XLog	16		Red Maple	Medium	Variable	Sapling
Balsam Fir	3	Pole	6		Hemlock	Low	5 - 10 feet	Sapling
White Spruce	2	Pole	9		Sugar Maple	Medium	Variable	Sapling
Hemlock	5	Log	14					
Beech	25	Pole/Log	9					
Red Maple	27	Log/Pole	11					

49 6113 - Lowland Maple Poletimber Well 1.2 111 81-110 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	70	Log/Pole	10	111	Balsam Fir	Medium	Variable	Sapling
Balsam Fir	5	Pole	7		Red Maple	Medium	Variable	Sapling
Black Spruce	10	Pole	8					
Paper Birch	15	Pole/Log	9					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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50 6129 - Mixed Coniferous Lowland Forest Poletimber Well 37.1 95 111-140 N/A BA is variable in places and there are areas of this stand where white pine is the major component.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	1	Pole	7		Black Spruce	Low	>20 feet	Sapling
Paper Birch	1	Pole	6		Tag Alder	Low	5 - 10 feet	Tall Shrub
Northern White Cedar	1	Pole	7					
White Pine	32	Pole/Log	9					
Hemlock	1	Log	13					
Black Spruce	49	Pole	9	95				
Tamarack	15	Pole	9					

51 6117 - Lowland Deciduous, Mixed Coniferous Poletimber Well 9.8 89 81-110 N/A 7/24/23- Paper birch is dying; this is a good time to try to regenerate paper birch. With the birch dying some of the BA is dropping into 51-80 range.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	48	Pole	8	89	Balsam Fir	Medium	Variable	Sapling
Paper Birch	30	Pole/Log	9		Red Maple	Medium	Variable	Sapling
Balsam Fir	10	Pole	6					
Hemlock	1	Log	16					
Quaking Aspen	1	Log	13					

TS# 41-028-10-01, given back sale never cut.

52 6116 - Lowland Birch Poletimber Well 13.6 96 81-110 N/A Paper birch is health but old and mature. In nearby stands the paper birch is dying. This is a good time to treat and regenerate birch.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	10	Pole	7		Balsam Fir	Medium	10 - 20 feet	Sapling
Red Maple	15	Pole	8					
Hemlock	1	Pole	7					
Paper Birch	74	Pole/Log	9	96				

TS# 41-028-10-01 - was not cut.

53 4112 - Maple, Beech, Cherry Association Sawtimber Medium 85.5 142 51-80 N/A Last treated in 2004. High beech component has died off leaving a lower BA.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine	2	Log	14		Balsam Fir	Low	Variable	Sapling
Hemlock	3	Log	14		White Pine	Trace	Variable	Sapling
Yellow Birch	2	Log/Pole	14		Sugar Maple	Low	Variable	Sapling
Beech	4	Pole/Log	9		Beech	High	10 - 20 feet	Sapling
Black Cherry	2	Pole/Log	9		Red Maple	Medium	10 - 20 feet	Sapling
Red Maple	70	Log/Pole	13	142	Black Cherry	Low	10 - 20 feet	Sapling
White Spruce	2	Log/Pole	11		Hemlock	Trace	Variable	Sapling
Sugar Maple	15	Pole	8					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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54 6129 - Mixed Coniferous Lowland Forest Poletimber Well 32.2 70 51-80 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine	18	Pole	8		Yellow Birch	Low	>20 feet	Sapling
Hemlock	3	Pole	7		Black Spruce	Medium	Variable	Sapling
Red Maple	15	Pole	7		Hemlock	Medium	Variable	Sapling
Black Spruce	35	Pole	7	70				
Balsam Fir	2	Pole	7					
Northern White Cedar	25	Pole	9					
Paper Birch	2	Pole	7					

55 6225 - Bog Nonstocked 5.8 Unspecified No Boggy wetlands adjacent to Worchester Lake.

56 42350 - Upland Hemlock Sawtimber Well 12.0 142 111-140 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	10	Pole/Log	9		Beech	Low	5 - 10 feet	Sapling
Yellow Birch	5	Log/Pole	12		Hemlock	High	Variable	Sapling
Hemlock	65	Log/XLog/Pole	14	142				
White Pine	20	XLog/Log	18					

57 6128 - Lowland Coniferous, Mixed Deciduous Sawtimber Well 49.0 142 111-140 N/A Disturbances are allowing for hemlock regeneration.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Northern White Cedar	2	Pole/Log	9		Sugar Maple	Medium	Variable	Sapling
White Pine	10	Log/XLog/Pole	14		Beech	Low	Variable	Sapling
Red Maple	20	Pole/Log	8		Hemlock	High	Variable	Sapling
Yellow Birch	6	Log/Pole	10		Red Maple	Medium	Variable	Sapling
Beech	2	Log/Pole	9		Balsam Fir	Medium	Variable	Sapling
Sugar Maple	6	Pole/Log	10					
Hemlock	50	Log/Pole	12	142				
Balsam Fir	2	Pole	7					
Black Spruce	2	Log/Pole	10					

58 4112 - Maple, Beech, Cherry Association Sawtimber Medium 95.5 111 51-80 N/A Beech component has died back leaving a low BA.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Beech	10	Pole/Log	8		Red Maple	High	10 - 20 feet	Sapling
Hemlock	2	Log	14		Sugar Maple	Medium	Variable	Sapling
Black Cherry	2	Pole/Log	9		Beech	High	10 - 20 feet	Sapling
Sugar Maple	31	Log/Pole	11		Balsam Fir	Low	Variable	Sapling
Red Maple	53	Log/Pole	13	111				
Yellow Birch	2	Log	12					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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59 6128 - Lowland Coniferous, Mixed Deciduous Sawtimber Well 6.3 130 81-110 N/A

Canopy Species	% Cover	Size Class	DBH	Age
Beech	5	Log/Pole	13	
Paper Birch	2	Pole/Log	8	
Black Spruce	4	Pole	8	
Yellow Birch	3	Log/Pole	12	
Hemlock	64	Log/Pole	12	130
White Pine	10	Log/XLog	16	
Red Maple	10	Log/Pole	10	
Balsam Fir	2	Pole	6	

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

60 4112 - Maple, Beech, Cherry Association Sawtimber Well 53.0 111 81-110 N/A

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	12	Log/Pole	12	
Beech	30	Log/Pole	14	
Hemlock	4	Log	14	
Black Cherry	2	Log/Pole	10	
Yellow Birch	2	Log/Pole/XLog	12	
Sugar Maple	50	Log/Pole	12	111

Sub-Canopy Species	Density	Avg. Height	Size
Beech	High	Variable	Sapling
Yellow Birch	Trace	>20 feet	Sapling
Balsam Fir	Low	Variable	Sapling
White Pine	Trace	Variable	Sapling
Sugar Maple	Low	Variable	Sapling
Red Maple	Medium	Variable	Sapling
Black Cherry	Trace	10 - 20 feet	Sapling

61 6129 - Mixed Coniferous Lowland Forest Sawtimber Well 3.2 111 111-140 N/A

Good mix of log and pole sized hemlock with high amount of hemlock regeneration.

Canopy Species	% Cover	Size Class	DBH	Age
Beech	3	Log/Pole	12	
White Spruce	4	Pole/Log	9	
Balsam Fir	4	Pole	6	
Hemlock	65	Log/Pole	13	111
Yellow Birch	2	Log/Pole	12	
White Pine	10	Log/XLog/Pole	16	
Red Maple	10	Pole/Log	9	
Sugar Maple	2	Pole	8	

Sub-Canopy Species	Density	Avg. Height	Size
Hemlock	High	Variable	Sapling

62 6122 - Black Spruce Poletimber Well 32.9 108 111-140 N/A

Good ground for a winter treatment. Should treat now as the stand to the west broke up significantly in the last ten years.

Canopy Species	% Cover	Size Class	DBH	Age
Black Spruce	80	Pole	8	108
White Pine	1	XLog/Log	18	
Northern White Cedar	5	Pole	8	
Red Maple	2	Pole/Log	8	
Tamarack	10	Pole	8	
Paper Birch	2	Pole	7	

Sub-Canopy Species	Density	Avg. Height	Size
Tamarack	Low	>20 feet	Sapling
Tag Alder	Low	10 - 20 feet	Tall Shrub
Northern White Cedar	Medium	Variable	Sapling
Red Maple	Low	Variable	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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63 4112 - Maple, Beech, Cherry Association Sawtimber Well 16.8 110 51-80 N/A

Canopy Species	% Cover	Size Class	DBH	Age
White Spruce	3	Pole/Log	9	
White Pine	2	XLog/Log	18	
Red Maple	30	Log/Pole	12	
Black Cherry	2	Log/Pole	10	
Hemlock	3	Log	16	
Sugar Maple	60	Log/Pole	11	110

Sub-Canopy Species	Density	Avg. Height	Size
White Spruce	Trace	< 5 feet	Sapling
Hemlock	Trace	5 - 10 feet	Sapling
White Pine	Trace	5 - 10 feet	Sapling
Sugar Maple	Medium	Variable	Sapling
Black Cherry	Trace	5 - 10 feet	Sapling
Balsam Fir	Medium	Variable	Sapling
Red Maple	Medium	Variable	Sapling
Beech	Medium	Variable	Sapling

Block 2 on wolf Lake 41-025-15-01 cut in 2016. Black cherry stump sprout saplings have grown well since the treatment. Only the south half was treated and BA here averages around 80. For this entry the stand was split due to current composition differences and a new treatment proposed for the north half that wasn't cut. After treatment the stands could be merged together.

65 6132 - Mixed Lowland Forest with Cedar Poletimber Well 40.9 70 81-110 N/A

Canopy Species	% Cover	Size Class	DBH	Age
Northern White Cedar	20	Pole	9	
White Pine	7	Log/XLog/Pole	16	
Hemlock	8	Log/Pole	11	
Paper Birch	8	Pole	8	
Red Maple	25	Pole/Sapling	7	70
Balsam Fir	2	Pole	7	
Black Spruce	10	Pole	7	
Yellow Birch	20	Pole/Sapling	7	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Low	Variable	Sapling
Hemlock	Low	5 - 10 feet	Sapling
Black Spruce	Low	Variable	Sapling
Tag Alder	Low	5 - 10 feet	Tall Shrub
Red Maple	Medium	>20 feet	Sapling
Yellow Birch	Medium	>20 feet	Sapling
Northern White Cedar	Low	Variable	Sapling

66 6122 - Black Spruce Poletimber Well 8.9 75 81-110 N/A

Part of a lowland sale that wasn't cut and returned, TS# 41-028-10-01.

Canopy Species	% Cover	Size Class	DBH	Age
Paper Birch	5	Pole/Sapling	7	
White Pine	5	Log/Pole	14	
Hemlock	5	Pole/Log	8	
Black Spruce	85	Pole/Sapling	7	75

Sub-Canopy Species	Density	Avg. Height	Size
Hemlock	Low	5 - 10 feet	Sapling
Red Maple	Low	>20 feet	Sapling
Black Spruce	Low	>20 feet	Sapling

67 6129 - Mixed Coniferous Lowland Forest Poletimber Medium 21.9 70 1-50 N/A

Wet stand with evenly distributed advanced cedar regeneration.

Canopy Species	% Cover	Size Class	DBH	Age
Tamarack	10	Pole	8	
Northern White Cedar	15	Log/Pole	12	
Black Spruce	44	Pole/Sapling	7	70
Hemlock	1	Log	13	
White Pine	30	Pole/Log	9	

Sub-Canopy Species	Density	Avg. Height	Size
Northern White Cedar	Medium	10 - 20 feet	Sapling
Tag Alder	Low	5 - 10 feet	Tall Shrub
Hemlock	Trace	5 - 10 feet	Sapling
Black Spruce	Medium	>20 feet	Sapling
Red Maple	Medium	>20 feet	Sapling

68 6220 - Alder/willow Nonstocked 12.2 Unspecified No



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																								
69	6113 - Lowland Maple	Poletimber Well	6.8	80	81-110	N/A	Transition ground between upland hardwoods and lowland black spruce and cedar. Part of a lowland sale that wasn't cut and returned, TS# 41-028-10-01.																																																								
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70	6117 - Lowland Deciduous, Mixed Coniferous	Poletimber Medium	13.7	50	1-50	N/A																																																									
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71	42390 - Mixed Non-Pine Upland Conifers	Sawtimber Well	11.5	112	81-110	N/A																																																									
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72	6113 - Lowland Maple	Sawtimber Well	13.0	120	111-140	N/A	TS# 41-028-10-01, Sale given back, never cut.																																																								
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73	6220 - Alder/willow	Nonstocked	15.0		Unspecified	No																																																									



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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74 6115 - Lowland Ash Sapling Well 97.7 30 Immature N/A

Canopy Species	% Cover	Size Class	DBH	Age
White Pine	3	Log	16	
Black Ash	89	Sapling	3	30
Paper Birch	5	Sapling	3	
Northern White Cedar	3	Log	14	

75 6220 - Alder/willow Nonstocked 74.9 Unspecified No

76 6113 - Lowland Maple Poletimber Well 14.5 60 81-110 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	85	Pole	6	60	Balsam Fir	High	10 - 20 feet	Sapling
Black Spruce	10	Pole	8		Red Maple	Medium	>20 feet	Sapling
Balsam Fir	5	Pole	6					