



Compartment Review Presentation

Shingleton Forest Management Unit

Compartment 41144

Entry Year 2026

Acreage: 3,151

County Schoolcraft

Management Area: Grand Marais Moraine Complex

Stand Examiner: Scott Kentner

Legal Description:

T47N R15W Sections 3, 4, 9-11, 13-15

Identified Planning Goals:

The Kingston Plains and the Danaher Plains are large openings that are managed for a suite of open-land species including sharp-tailed grouse, merlin and upland sandpiper. Vegetative management in the Danaher Kingston Outwash management area will emphasize maintaining these large opening complexes; providing timber products; protecting unique areas and threatened, endangered and special concern species; and providing for forest based recreational uses. Wildlife habitat management objectives include enhancing the large opening complexes and providing opportunities for hunting and other wildlife related recreation. Timber management objectives include improving the age-class distribution of jack pine and red pine; and consolidating smaller plantations and openings into larger stands to better suit management objectives. Expected issues in this 10-year planning period include illegal use of off-road vehicles, introduced pests and diseases such as jack pine budworm and beech bark disease, and introduction and spread of invasive species.

Soil and topography:

Soils throughout most of the compartment are Rubicon Sand, with ridges of Wallace fine sand and low areas of Spaulding and Greenwood Peat near Stanley Lake. Terrain is flat to rolling with sandy ridges.

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

The entire compartment is state owned land. The land to the west and north of the compartment is Commercial forest. The compartment lies within the Grand Marais Sandy End Moraine and Outwash Sub-subsection (VIII.2.2).

Unique Natural Features:

This compartment has large areas of grass with good habitat for sharp tail grouse. The Fox River and Stanley Lake also border the compartment.

Archeological, Historical, and Cultural Features:

No Archeological, Historical, or Cultural Features known.

Special Management Designations or Considerations:

None

Watershed and Fisheries Considerations:

This compartment contains the Little Fox River and Stanley Lake. The Little Fox River is a designated Type 1 trout stream less than 50-ft wide with a predicted mean July water temperature of 60.6 °F (cold stream). A 300-foot buffer is recommended for the Little Fox River in riparian areas susceptible to Aspen regeneration. For areas not susceptible to Aspen regeneration, a minimum 200-foot, plus 5 feet per 1% increase in slope, buffer is recommended to protect these areas as part of the Natural Rivers Program and in accordance with Best Management Practices. For stands in this compartment that border Stanley Lake, a minimum 200-foot, plus 5 feet per 1% increase in slope, buffer is recommended to protect riparian areas as part of the Natural Rivers Program and in accordance with Best Management Practices.

Wildlife Habitat Considerations:

This compartment is bounded on the east by Stanley Lake and the Little Fox River and lies on the northwest edge of a large opening complex corridor. General Land Office notes indicate that the first surveyors found uplands dominated by hemlock, white pine, balsam fir, yellow birch, red maple, and red pine. Lowlands contained black spruce, tamarack, hemlock and white pine.

Current vegetation is substantially altered from pre-settlement days. The northern portion of the compartment contains several hundred acres of red pine plantations. The southern portion of the compartment is dominated grassy openings and jack pine.

Wildlife habitat objectives include eliminating scotch pine from the landscape, maintaining large grassy openings,

protecting the Little Fox River corridor, and promoting age, species and structural diversity with northern hardwood stands.

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of glacial outwash sand and gravel and postglacial alluvium. There is insufficient data to determine the glacial drift thickness. The Ordovician Black River Group and Prairie du Chien Formation subcrop below the glacial drift. These rocks are used for stone/dolomite. There are not any gravel pits in the area and potential appears limited. There is no commercial oil and gas production in the UP.

Vehicle Access:

There are a number of two track roads throughout the compartment.

Survey Needs:

T47N, R15W Sec. 3 NWSE. Corners needed for north edge of stand 15.

Recreational Facilities and Opportunities:

There are no DNR recreational facilities within the compartment; but camping and fishing are common along the west side of Stanley Lake, and along the Little Fox River. This is also a favorite area for blueberry picking.

Fire Protection:

The compartment is mainly upland and access good but a mix of grass and pine fuel types give the compartment fair potential for large fire occurrence. Public use of Stanley lake and the Little Fox River increase the potential for human caused fire starts.

Additional Compartment Information:

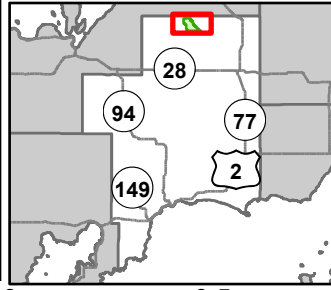
The following reports from the Inventory are attached:

- 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**

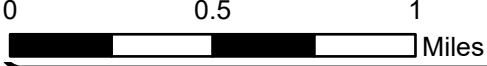
The following information is displayed, where pertinent, on the attached compartment maps:

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

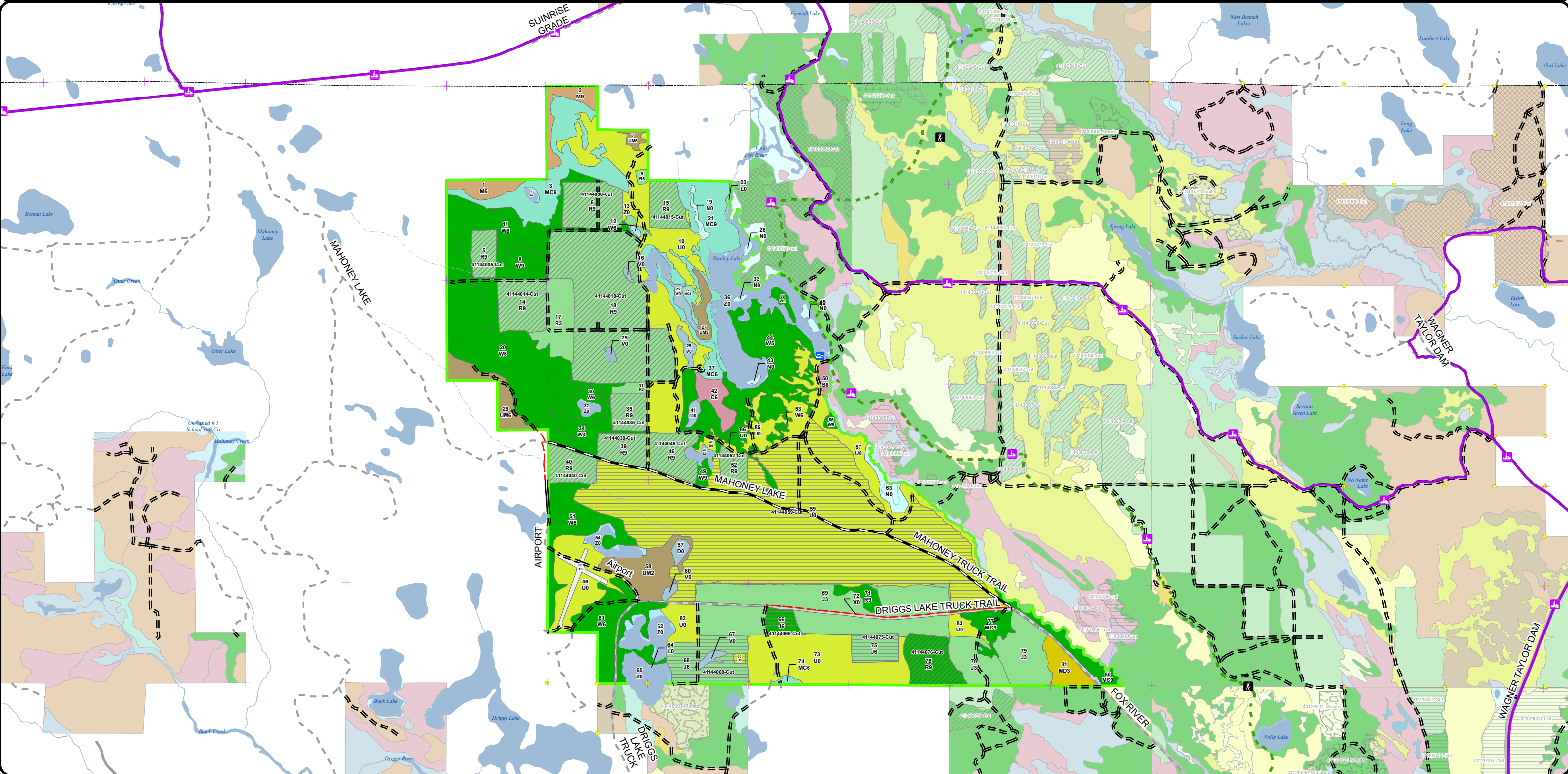
Cover Type & Treatments Map



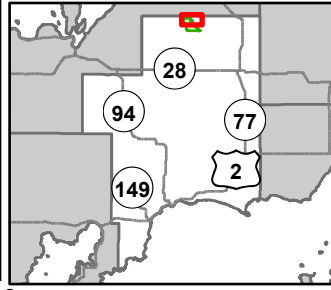
Compartment: 41144
 T47N, R15W, Sec. 2-4, 9-11,
 13-15
 County: Schoolcraft
 Unit: Shingleton
 Mgmt Area: Grand Marais
 Moraine Complex
 YOE: 2026
 Acres: 3151.3 GIS Calculated
 Examiner: Scott Kentner
 Map Revised: 08/05/2024
 Map Phase: Web Post



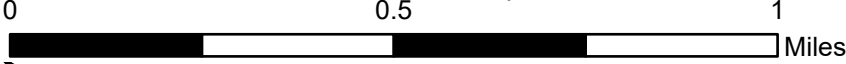
- | | | | | |
|------------------------------|-------------------------------|-----------------------------------|------------------------------|---------------------------------|
| Boating Access Site | DNR - Primary Forest Road | Lake/Pond | 419 - Mixed Upland Deciduous | 330 - Low Density Trees |
| Bridges | DNR - Secondary Forest Road | Perennial River | 421 - Planted Pines | 500 - Water |
| Survey Grade Corners | DNR - Forest Access Route | Unspecified | 422 - Natural Pines | 622 - Lowland Shrub |
| Remonumented Section Corners | County - Dirt Road (Seasonal) | Lakes and Rivers | 429 - Mixed Upland Conifers | 623 - Emergent Wetland |
| Hiking Trails | Private - Paved Road | Compartment Boundary | 430 - Upland Mixed Forest | 612 - Lowland Coniferous Forest |
| Snowmobile Trails | Private - Dirt / Gravel Road | Clearcut (w/Reserves) | 610 - Low Intensity Urban | 121 - Airport |
| Designated Hiking Pathways | Intermittent Stream | Thinning (Crown, Low, Systematic) | | |
| Designated Snowmobile Trails | Island in Lake or River | 411 - Northern Hardwood | | |



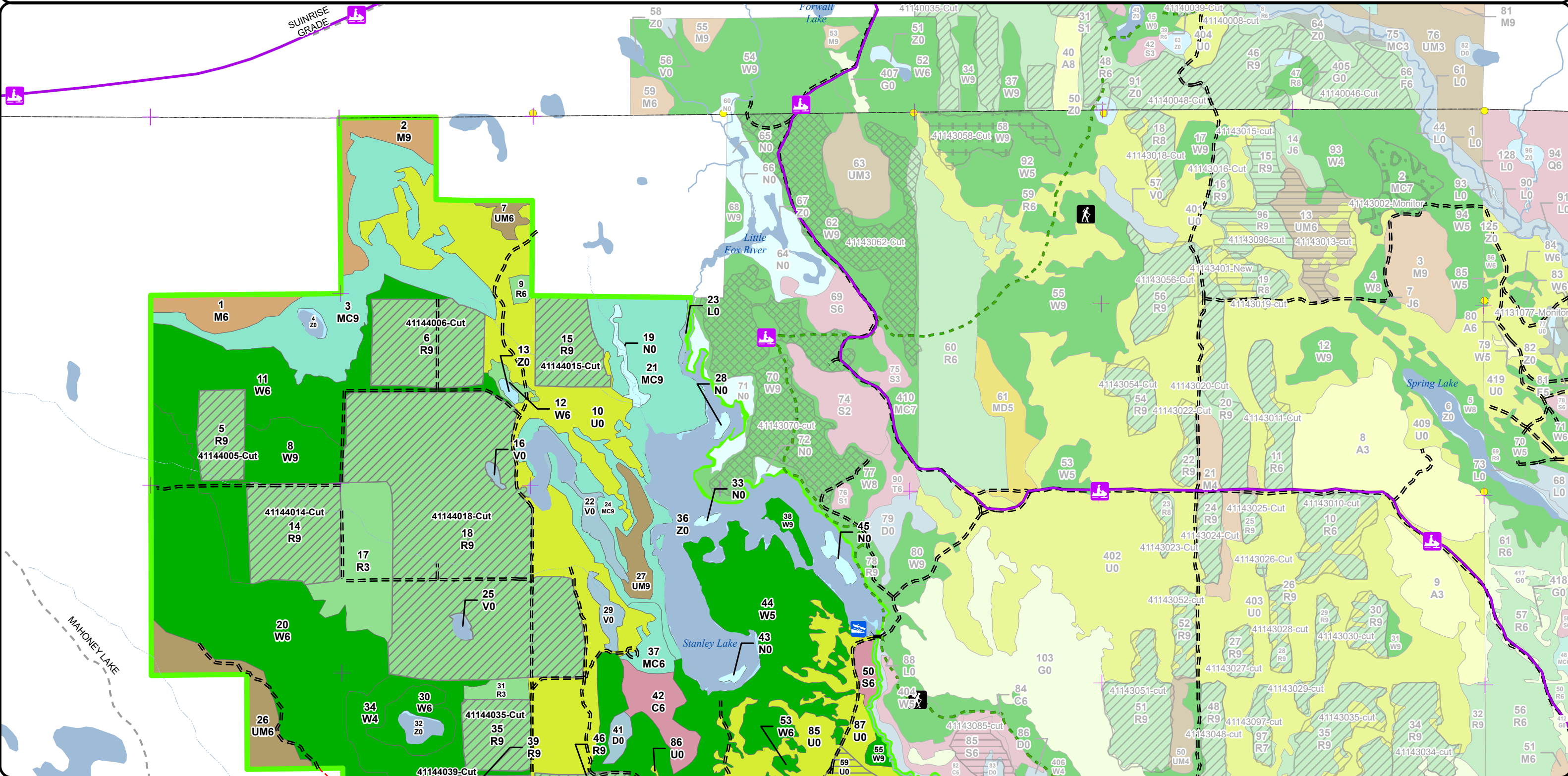
Cover Type & Treatments Map



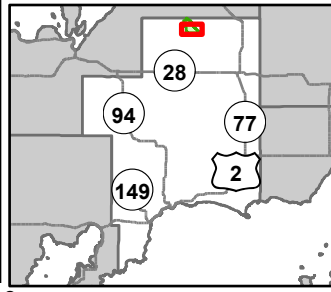
Compartment: 41144
 T47N, R15W, Sec. 2-4, 9-11,
 13-15
 County: Schoolcraft
 Unit: Shingleton
 Mgmt Area: Grand Marais
 Moraine Complex
 YOE: 2026
 Acres: 3151.3 GIS Calculated
 Examiner: Scott Kentner
 Map Revised: 08/05/2024
 Map Phase: Web Post



- | | | | |
|------------------------------|-------------------------------|-----------------------------------|---------------------------------|
| Boating Access Site | Designated Snowmobile Trails | Lakes and Rivers | 430 - Upland Mixed Forest |
| Bridges | DNR - Forest Access Route | Compartment Boundary | 612 - Lowland Coniferous Forest |
| Survey Grade Corners | County - Dirt Road (Seasonal) | Clearcut (w/Reserves) | 330 - Low Density Trees |
| Remonumented Section Corners | Private - Dirt / Gravel Road | Thinning (Crown, Low, Systematic) | 500 - Water |
| Hiking Trails | Intermittent Stream | 411 - Northern Hardwood | 622 - Lowland Shrub |
| Snowmobile Trails | Island in Lake or River | 421 - Planted Pines | 623 - Emergent Wetland |
| Designated Hiking Pathways | Lake/Pond | 422 - Natural Pines | |
| | Perennial River | 429 - Mixed Upland Conifers | |



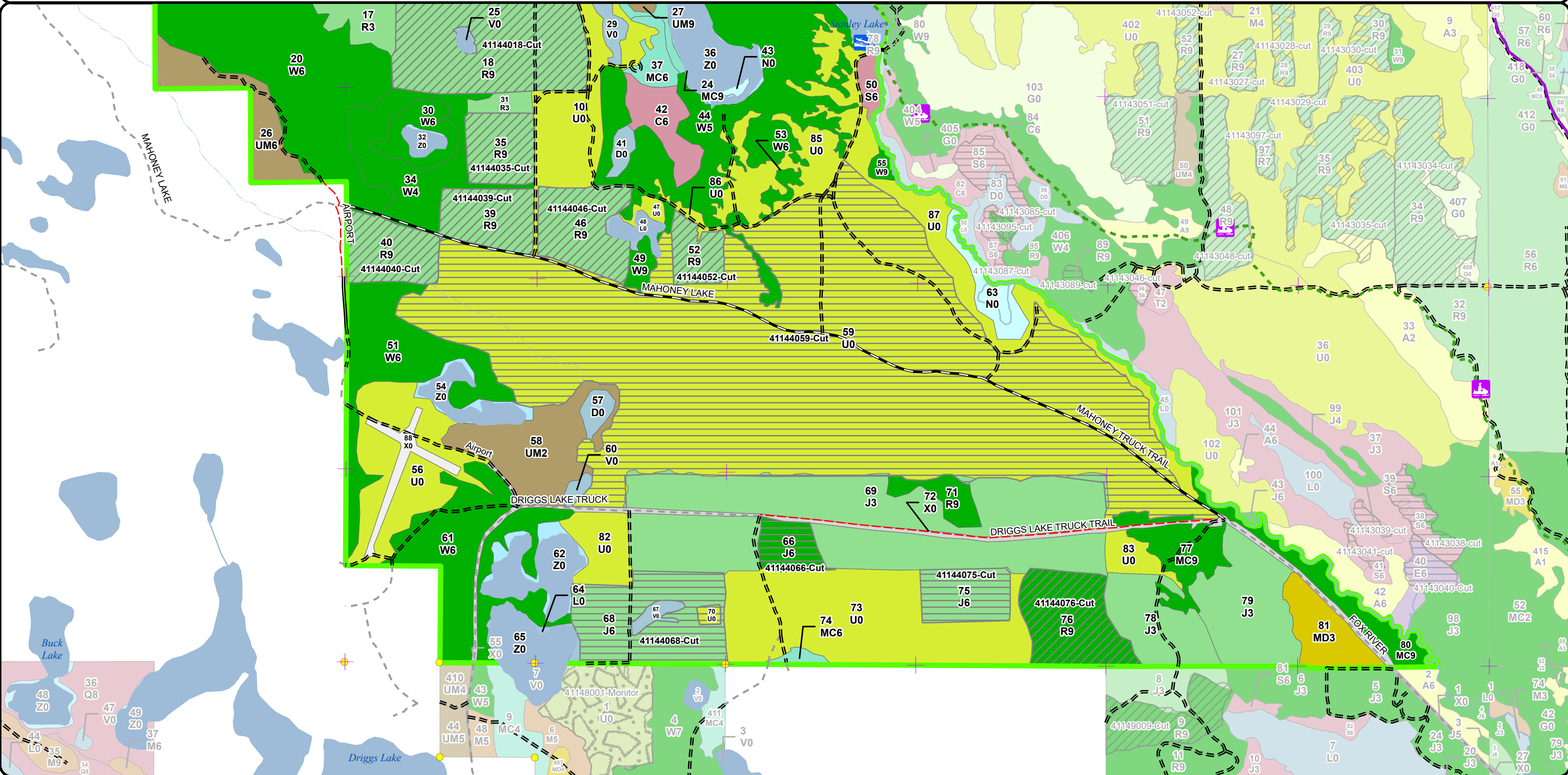
Cover Type & Treatments Map



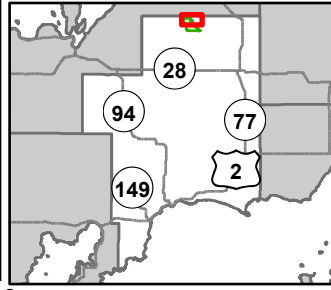
Compartment: 41144
 T47N, R15W, Sec. 2-4, 9-11, 13-15
 County: Schoolcraft
 Unit: Shingleton
 Mgmt Area: Grand Marais
 Moraine Complex
 YOE: 2026
 Acres: 3151.3 GIS Calculated
 Examiner: Scott Kentner
 Map Revised: 08/05/2024
 Map Phase: Web Post

- | | | | | |
|------------------------------|-------------------------------|-------------------------|-----------------------------------|---------------------------|
| Boating Access Site | Designated Hiking Pathways | Intermittent Stream | Thinning (Crown, Low, Systematic) | 110 - Low Intensity Urban |
| Bridges | Designated Snowmobile Trails | Island in Lake or River | 419 - Mixed Upland Deciduous | 121 - Airport |
| Survey Grade Corners | DNR - Primary Forest Road | Lake/Pond | 421 - Planted Pines | 330 - Low Density Trees |
| Remonumented Section Corners | DNR - Secondary Forest Road | Perennial River | 422 - Natural Pines | 500 - Water |
| Hiking Trails | DNR - Forest Access Route | Lakes and Rivers | 429 - Mixed Upland Conifers | 622 - Lowland Shrub |
| Snowmobile Trails | County - Dirt Road (Seasonal) | Compartment Boundary | 430 - Upland Mixed Forest | 623 - Emergent Wetland |
| | Private - Dirt / Gravel Road | Clearcut (w/Reserves) | 612 - Lowland Coniferous Forest | |

0 0.5 1 Miles



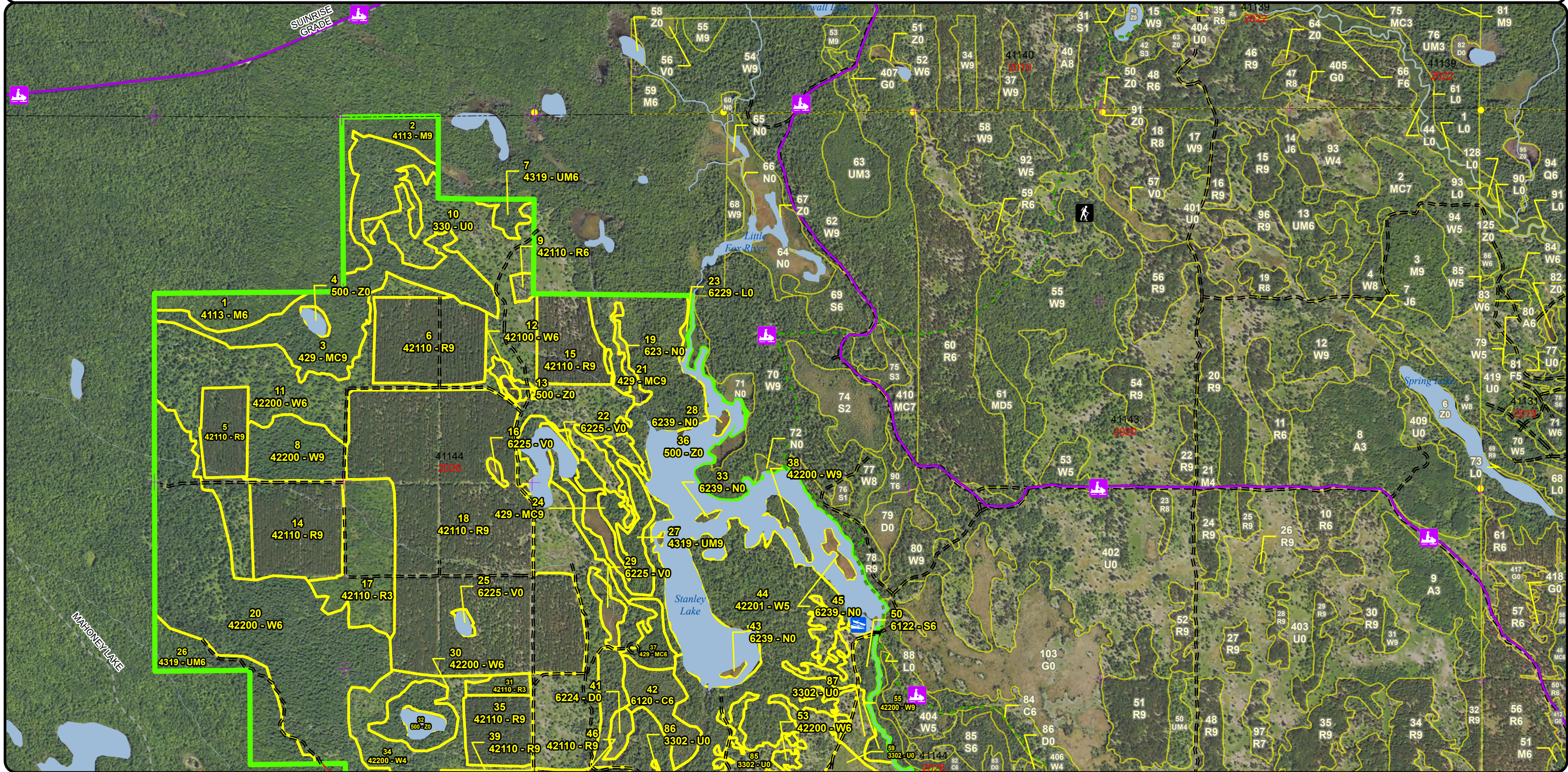
Stand Boundary Map



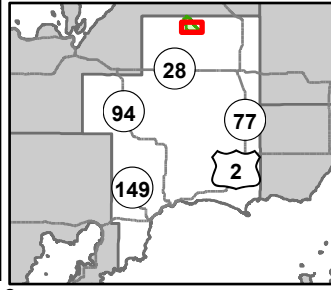
Compartment: 41144
 T47N, R15W, Sec. 2-4, 9-11,
 13-15
 County: Schoolcraft
 Unit: Shingleton
 Mgmt Area: Grand Marais
 Moraine Complex
 YOE: 2026
 Acres: 3151.3 GIS Calculated
 Examiner: Scott Kentner
 Map Revised: 08/05/2024
 Map Phase: Web Post

0 0.5 1 Miles

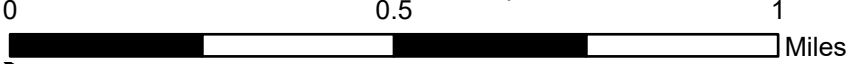
- | | | | |
|------------------------------|-------------------------------|-------------------------|---------------------------------|
| Boating Access Site | Designated Snowmobile Trails | Perennial River | 429 - Mixed Upland Conifers |
| Bridges | DNR - Forest Access Route | Lakes and Rivers | 430 - Upland Mixed Forest |
| Survey Grade Corners | County - Dirt Road (Seasonal) | Compartment Boundary | 612 - Lowland Coniferous Forest |
| Remonumented Section Corners | Private - Dirt / Gravel Road | Stand Boundaries | 330 - Low Density Trees |
| Hiking Trails | Intermittent Stream | 411 - Northern Hardwood | 500 - Water |
| Snowmobile Trails | Island in Lake or River | 421 - Planted Pines | 622 - Lowland Shrub |
| Designated Hiking Pathways | Lake/Pond | 422 - Natural Pines | 623 - Emergent Wetland |



Stand Boundary Map

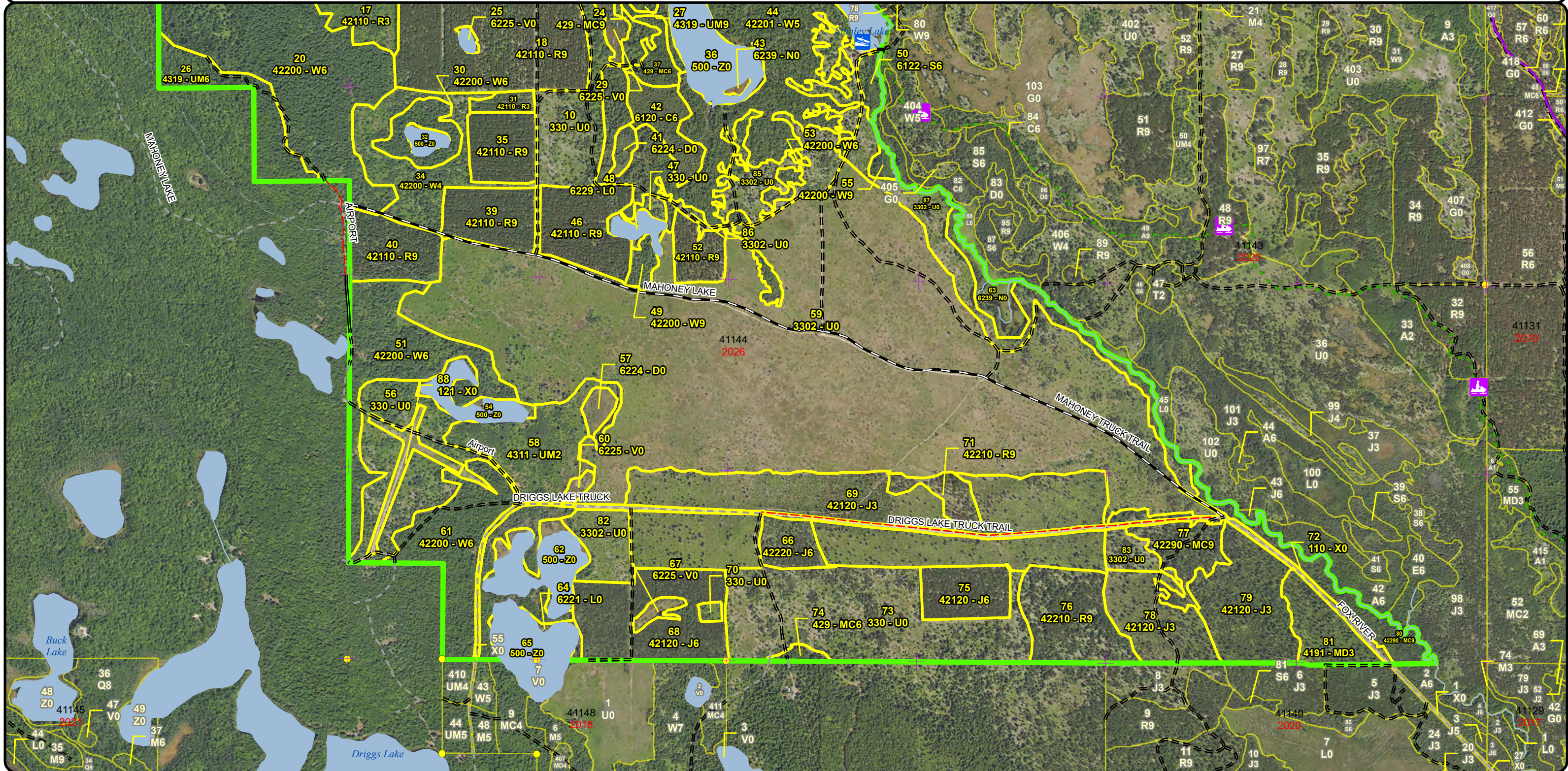


Compartment: 41144
 T47N, R15W, Sec. 2-4, 9-11,
 13-15
 County: Schoolcraft
 Unit: Shingleton
 Mgmt Area: Grand Marais
 Moraine Complex
 YOE: 2026
 Acres: 3151.3 GIS Calculated
 Examiner: Scott Kentner
 Map Revised: 08/05/2024
 Map Phase: Web Post

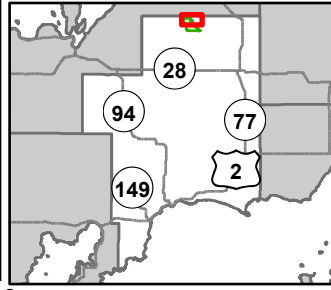


- Boating Access Site
- Bridges
- Survey Grade Corners
- Remonumented Section Corners
- Hiking Trails
- Snowmobile Trails
- Designated Hiking Pathways
- Designated Snowmobile Trails
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- Intermittent Stream
- Island in Lake or River
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Compartment Boundary
- Stand Boundaries

- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 612 - Lowland Coniferous Forest
- 110 - Low Intensity Urban
- 121 - Airport
- 330 - Low Density Trees
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland



Special Conservation Areas & Site Conditions Map

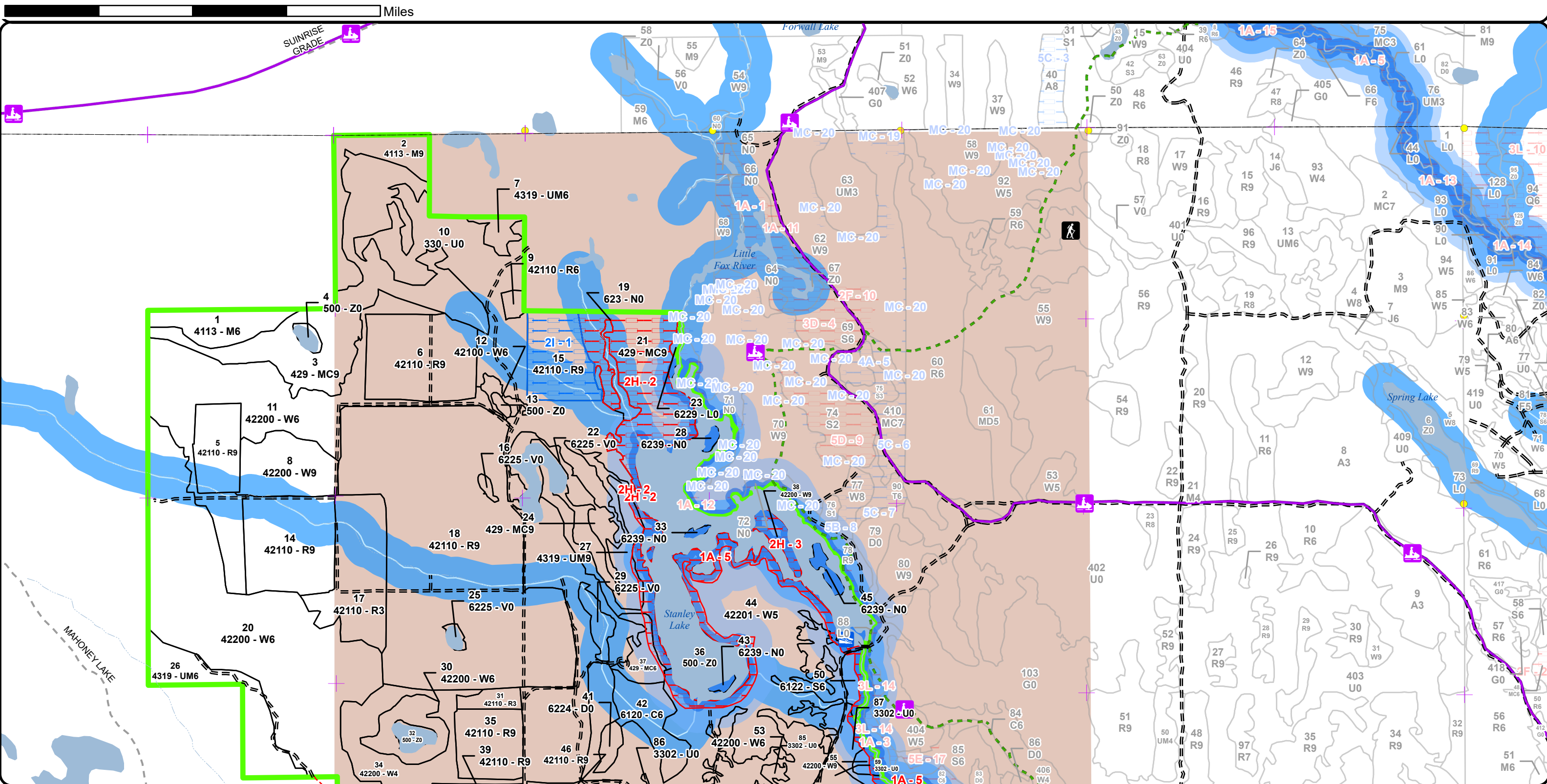


Compartment: 41144
 T47N, R15W, Sec. 2-4, 9-11,
 13-15
 County: Schoolcraft
 Unit: Shingleton
 Mgmt Area: Grand Marais
 Moraine Complex
 YOE: 2026
 Acres: 3151.3 GIS Calculated
 Examiner: Scott Kentner
 Map Revised: 08/05/2024
 Map Phase: Web Post

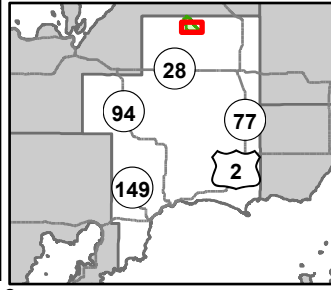
- Boating Access Site
- Bridges
- Survey Grade Corners
- Remonumented Section Corners
- Hiking Trails
- Snowmobile Trails
- Designated Hiking Pathways
- Designated Snowmobile Trails
- DNR - Forest Access Route
- County - Dirt Road (Seasonal)

- Private - Dirt / Gravel Road
- Intermittent Stream
- Island in Lake or River
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Compartment Boundary
- Available w/ Constraints
- Unavailable
- 2I: Survey needed

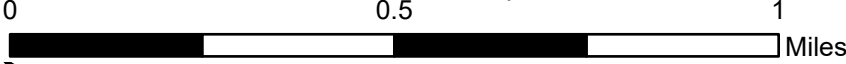
- 1A: Federal/State/Local Law
- 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
- Stand Boundaries
- Natural Rivers Vegetative Buffer
- Natural Rivers Zoning District
- Cold Water Streams
- High Priority Trout Stream Buffer
- Wildlife Research Areas



Special Conservation Areas & Site Conditions Map



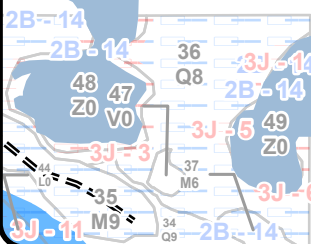
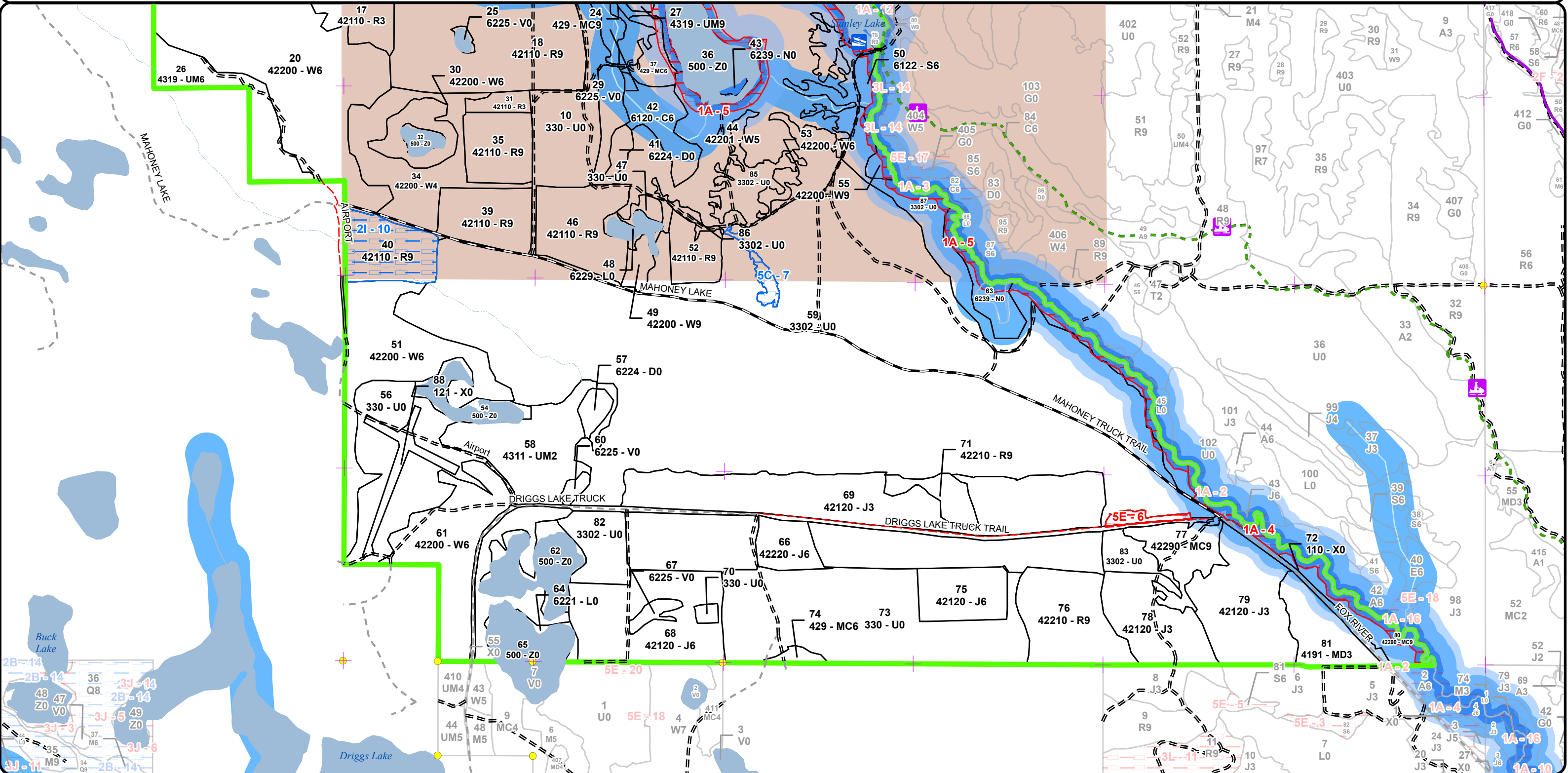
Compartment: 41144
 T47N, R15W, Sec. 2-4, 9-11, 13-15
 County: Schoolcraft
 Unit: Shingleton
 Mgmt Area: Grand Marais
 Moraine Complex
 YOE: 2026
 Acres: 3151.3 GIS Calculated
 Examiner: Scott Kentner
 Map Revised: 08/05/2024
 Map Phase: Web Post



- Boating Access Site
- Bridges
- Survey Grade Corners
- Remonumented Section Corners
- Hiking Trails
- Snowmobile Trails
- Designated Hiking Pathways
- Designated Snowmobile Trails
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- DNR - Forest Access Route

- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- Intermittent Stream
- Island in Lake or River
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Compartment Boundary
- Available w/ Constraints
- Unavailable
- 2I: Survey needed

- 5C: Delay treatment for age/size class diversity or exceptional site quality
- 1A: Federal/State/Local Law
- 5E: Long-Term Retention
- Stand Boundaries
- Natural Rivers Vegetative Buffer
- Natural Rivers Zoning District
- Cold Water Streams
- High Priority Trout Stream Buffer
- Wildlife Research Areas



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+	Uneven-Aged	Total
Bog	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28
Cedar	0	0	0	0	0	0	0	0	0	0	17	0	0	0	0	0	0	0	17
Jack Pine	0	0	201	45	0	0	86	0	0	0	0	0	0	0	0	0	0	0	332
Low-Density Trees	1035	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1035
Lowland Shrub	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13
Lowland Spruce/Fir	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	6
Marsh	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24
Mixed Upland Deciduous	0	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21
Natural Mixed Pines	0	0	0	0	0	0	23	23	0	0	0	0	0	0	0	0	0	0	46
Northern Hardwood	0	0	0	0	0	0	0	0	37	0	0	0	0	0	0	0	0	0	37
Red Pine	0	0	0	38	5	3	0	239	255	0	0	0	0	0	0	0	0	0	538
Treed Bog	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
Upland Conifers	0	0	0	0	0	9	3	33	83	0	0	49	0	0	0	0	0	0	177
Upland Mixed Forest	0	0	43	0	0	0	0	12	33	0	0	0	0	0	0	0	0	0	88
Urban	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32
Water	153	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	153
White Pine	0	0	0	0	40	0	62	268	227	0	0	0	0	0	0	0	0	0	596
Total	1294	21	244	83	45	12	174	581	635	0	17	49	0	0	0	0	0	0	3152



Report 2 – Treatment Summary

Shingleton Mgt. Unit
Year of Entry: 2026

Acres of Harvest

Compartment 144
Total Compartment Acres: 3,151

Commercial Harvest - 1134
Harvests with Site Condition - 50
Next Step Harvest - 0
Habitat Cut - 0

Cover Type by Harvest Method

	Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Overstory Removal	Salvage	Other	Total Acres
Jack Pine	86	0	0	0	0	0	0	0	0	86
Low-Density Trees	615	0	0	0	0	0	0	0	0	615
Red Pine	0	0	0	0	0	483	0	0	0	483
Total	701	0	0	0	0	483	0	0	0	1184

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	1184	0	0	0	0	0	0	0	0	1184
Next Step	0	176	88	0	613	292	190	73	0	1432
Total	1184	176	88	0	613	292	190	73	0	2616



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
----------------	-------	-----------------	--------------	-----------	----------	----------------	------------------	----------------------	---------------	-------------

Proposed Treatments:

5	41144005-Cut	18.3	42110 - Planted Red Pine	Sawtimber Well	62	111- 140	Harvest	Systematic Thinning	4211 - Planted Red Pine	Even-Aged	No
<p><u>Prescription</u> Thinning: 2nd entry plantation thinning, in areas that were "3rd Row-thinned" mark within residual rows to remove cull trees and get BA to</p> <p><u>Specs:</u> 100-110. In "Free-thinned" areas mark for access by marking every 3rd row.</p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u></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 /2025</p>											
6	41144006-Cut	42.1	42110 - Planted Red Pine	Sawtimber Well	62	111- 140	Harvest	Systematic Thinning	4211 - Planted Red Pine	Even-Aged	No
<p><u>Prescription</u> Thinning: 2nd entry plantation thinning, in areas that were "3rd Row-thinned" mark within residual rows to remove cull trees and get BA to</p> <p><u>Specs:</u> 100-110. In "Free-thinned" areas mark for access by marking every 3rd row.</p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u></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 /2025</p>											
14	41144014-Cut	39.7	42110 - Planted Red Pine	Sawtimber Well	61	201+	Harvest	Systematic Thinning	4211 - Planted Red Pine	Even-Aged	No
<p><u>Prescription</u> Thinning: 2nd entry plantation thinning, in areas that were "3rd Row-thinned" mark within residual rows to remove cull trees and get BA to</p> <p><u>Specs:</u> 100-110. In "Free-thinned" areas mark for access by marking every 3rd row.</p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u></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 /2025</p>											
15	41144015-Cut	25.0	42110 - Planted Red Pine	Sawtimber Well	62	111- 140	Harvest	Systematic Thinning	4211 - Planted Red Pine	Even-Aged	No
<p><u>Prescription</u> Thinning: 2nd entry plantation thinning, in areas that were "3rd Row-thinned" mark within residual rows to remove cull trees and get BA to</p> <p><u>Specs:</u> 100-110. In "Free-thinned" areas mark for access by marking every 3rd row.</p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u></p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u> Survey Needed</p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>											



S
t
a
n
d

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

18	41144018-Cut	206.2	42110 - Planted Red Pine	Sawtimber Well	71	111-140	Harvest	Systematic Thinning	4211 - Planted Red Pine	Even-Aged	No
----	--------------	-------	--------------------------	----------------	----	---------	---------	---------------------	-------------------------	-----------	----

Prescription Thinning: 2nd entry plantation thinning, in areas that were "3rd Row-thinned" mark within residual rows to remove cull trees and get BA to
Specs: 100-110. In "Free-thinned" areas mark for access by marking every 3rd row.

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Site Condition

Proposed Start Date: 10/1 /2025

35	41144035-Cut	21.2	42110 - Planted Red Pine	Sawtimber Well	62	111-140	Harvest	Systematic Thinning	4211 - Planted Red Pine	Even-Aged	No
----	--------------	------	--------------------------	----------------	----	---------	---------	---------------------	-------------------------	-----------	----

Prescription Thinning: 2nd entry plantation thinning, in areas that were "3rd Row-thinned" mark within residual rows to remove cull trees and get BA to
Specs: 100-110. In "Free-thinned" areas mark for access by marking every 3rd row.

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Site Condition

Proposed Start Date: 10/1 /2025

39	41144039-Cut	23.9	42110 - Planted Red Pine	Sawtimber Well	62	111-140	Harvest	Systematic Thinning	4211 - Planted Red Pine	Even-Aged	No
----	--------------	------	--------------------------	----------------	----	---------	---------	---------------------	-------------------------	-----------	----

Prescription Thinning: 2nd entry plantation thinning, in areas that were "3rd Row-thinned" mark within residual rows to remove cull trees and get BA to
Specs: 100-110. In "Free-thinned" areas mark for access by marking every 3rd row.

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Site Condition

Proposed Start Date: 10/1 /2025

40	41144040-Cut	24.7	42110 - Planted Red Pine	Sawtimber Well	62	81-110	Harvest	Systematic Thinning	4211 - Planted Red Pine	Even-Aged	No
----	--------------	------	--------------------------	----------------	----	--------	---------	---------------------	-------------------------	-----------	----

Prescription Thinning: 2nd entry plantation thinning, in areas that were "3rd Row-thinned" mark within residual rows to remove cull trees and get BA to
Specs: 100-110. In "Free-thinned" areas mark for access by marking every 3rd row.

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Site Condition Survey Needed

Proposed Start Date: 10/1 /2025



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
46 41144046-Cut	31.0	42110 - Planted Red Pine	Sawtimber Well	62	111-140	Harvest	Systematic Thinning	4211 - Planted Red Pine	Even-Aged	No
<p><u>Prescription</u> Thinning: 2nd entry plantation thinning, in areas that were "3rd Row-thinned" mark within residual rows to remove cull trees and get BA to</p> <p><u>Specs:</u> 100-110. In "Free-thinned" areas mark for access by marking every 3rd row.</p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u></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 /2025</p>										
52 41144052-Cut	13.3	42110 - Planted Red Pine	Sawtimber Well	62	111-140	Harvest	Systematic Thinning	4211 - Planted Red Pine	Even-Aged	No
<p><u>Prescription</u> Thinning: 2nd entry plantation thinning, in areas that were "3rd Row-thinned" mark within residual rows to remove cull trees and get BA to</p> <p><u>Specs:</u> 100-110. In "Free-thinned" areas mark for access by marking every 3rd row.</p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u></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 /2025</p>										
59 41144059-Cut	612.7	3302 - Low Density Conifer Trees	Nonstocked		Unspecified	Harvest	Clearcut	3102 - Grass		No
<p><u>Prescription</u> Clearcut: Remove all trees to prepare site for Rx Burn. No retention due to wildlife habitat considerations/ Wildlife objective.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Burn, Opening</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Non-invasive grass and shrub species.</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 /2025</p>										
66 41144066-Cut	12.8	42220 - Natural Jack Pine	Poletimber Well	55	81-110	Harvest	Clearcut with Retention	4222 - Natural Jack Pine	Even-Aged	No
<p><u>Prescription</u> Clearcut with Retention: Remove all trees that are 2" or more in diameter. Leave retention in pocket along stands edge.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> SitePrep, Scarification; Monitoring, Natural Regen (Intermediate); SitePrep, Trenching; Planting, Initial Plant; Monitoring, Artificial</p> <p><u>Treatments:</u> Regen(1yr); Monitoring, Artificial Regen(3yr)</p> <p><u>Acceptable</u> Jack pine or any other species currently on site.</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 /2025</p>										



S
t
a
n
d

	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
68	41144068-Cut	52.3	42120 - Planted Jack Pine	Poletimber Well	56	111-140	Harvest	Clearcut with Retention	4211 - Planted Red Pine	Even-Aged	No
<p><u>Prescription</u> Clearcut with Retention: Remove all trees that are 2" or more in diameter. Retention should be left along northwest edge of stand in area that will act as buffer to pond/bog area.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> SitePrep, Trenching; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr); SitePrep, Roller</p> <p><u>Treatments:</u> Chopping; Pesticide, Skidder - Site Prep; Pesticide, Aerial - Site Prep; Other, Pre-Commercial Thinning - Ha</p> <p><u>Acceptable</u> Red 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 /2025</p>											
70	41144070-Cut	1.9	330 - Low-Density Trees	Nonstocked		Immature	Harvest	Clearcut	4222 - Natural Jack Pine	Even-Aged	No
<p><u>Prescription</u> Clear cut: Remove all trees that are 2" or more in diameter in size. Leave no retention due to small size. This stand will become incorporated with the larger stand surrounding it.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> SitePrep, Scarification; Monitoring, Natural Regen (Intermediate); SitePrep, Trenching; Planting, Initial Plant; Monitoring, Artificial</p> <p><u>Treatments:</u> Regen(1yr); Monitoring, Artificial Regen(3yr)</p> <p><u>Acceptable</u> Jack Pine or any other species currently on site.</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 /2025</p>											
75	41144075-Cut	20.8	42120 - Planted Jack Pine	Poletimber Well	56	81-110	Harvest	Clearcut with Retention	4211 - Planted Red Pine	Even-Aged	No
<p><u>Prescription</u> Clearcut with retention: Remove all trees that are 2" or greater in size. Retention should be left along stands edge in pocket.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> SitePrep, Trenching; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr); SitePrep, Roller</p> <p><u>Treatments:</u> Chopping; Pesticide, Skidder - Site Prep; Pesticide, Skidder - Release; Pesticide, Aerial - Site Prep; Pes</p> <p><u>Acceptable</u> red 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 /2025</p>											
76	41144076-Cut	38.0	42210 - Natural Red Pine	Sawtimber Well	75	81-110	Harvest	Crown Thinning	42290 - Natural Mixed Pine	Uneven-Aged	No
<p><u>Prescription</u> Thinning/variable density thinning: Harvest all merchantable all Jack pine, mark remaining Red and White pine. Mark trees that are large and will grow out of product class within the next 10 to 15 years, while releasing future crop trees. Target BA is 70-90.</p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Any species currently on site.</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 /2025</p>											



S
t
a
n
d

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

Total Treatment
Acreage Proposed: 1183.9



Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	Dominant Site Conditions				
		With Condition	Not Available		2I	5C	1A	2H	5E
28	28	0	0	Bog					
17	17	0	0	Cedar					
332	332	0	0	Jack Pine					
1034	1021	0	14	Low-Density Trees			14	0	
13	13	0	0	Lowland Shrub					
5	3	0	2	Lowland Spruce/Fir			2		
24	20	0	4	Marsh			4	0	
21	21	0	0	Mixed Upland Deciduous					
46	29	0	16	Natural Mixed Pines			13		3
37	37	0	0	Northern Hardwood					
539	490	50	0	Red Pine	50				
9	9	0	0	Treed Bog					
177	118	0	59	Upland Conifers			10	49	
87	86	0	1	Upland Mixed Forest			1		
33	33	0	0	Urban			0		
153	153	0	0	Water			0	0	
595	564	4	28	White Pine		4	22	6	
3,151	2,973	54	125	Total Forested Acres	50	4	67	55	3
	94%	2%	4%	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	Dominant Site Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Available	2I: Survey needed	25	Unspecified	Unspecified	Unspecified	Unspecified	Unspecified
Comments:								
2	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	49	2E: Road needed	3J: Water quality / BMPs (stream, river, or lake)	2D: Portable Bridge Needed (Dept. bridge will be adequate)	1C: Other dept or div proc/practices	
Comments:								

Report 4 – Site Conditions

Shingleton Mgt. Unit
 Scott Kentner : Examiner

Compartment: 144
 Year of Entry: 2026



3	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	6	2E: Road needed	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified
Comments:							
4	Unavailable	1A: Federal/State/Local Law	13	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments: Fox River natural river 100' zone							
5	Unavailable	1A: Federal/State/Local Law	54	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments:							
6	Unavailable	5E: Long-Term Retention	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
7	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
10	Available	2I: Survey needed	25	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Mgt. Unit

Compartment: #Type!

Year of Entry:



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

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

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

Comments



Report 6 – EXISTING SPECIAL CONSERVATION AREA DETAILS

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

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	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.
HCVA	Natural Rivers	There are two Natural Rivers datasets which are derived from spatial buffers set from an established and approved distance from the river centerlines. The Natural Rivers Zoning District is a 400 foot buffer for most Natural Rivers. The Vegetative Buffer ranges from 25 to 100 feet.



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

1	4113 - R.Maple, Conifer	Poletimber Well	17.0	77	81-110	N/A	This is a poor hardwood site when the site is cut evenage management should be considered.
---	-------------------------	-----------------	------	----	--------	-----	--

Canopy Species					% Cover	Size Class	DBH	Age	Sub-Canopy Species				Density	Avg. Height	Size
Hemlock					5	Log	10		Beech			Low	< 5 feet	Sapling	
Red Maple					70	Pole/Log	8	77	Balsam Fir			High	< 5 feet	Sapling	
Yellow Birch					5	Log	12		White Spruce			Low	5 - 10 feet	Sapling	
White Pine					5	Log	12		White Pine			Low	< 5 feet	Sapling	
Balsam Fir					5	Pole	9		Yellow Birch			Low	< 5 feet	Sapling	
Beech					5	Log	12		Red Maple			Medium	< 5 feet	Sapling	
White Spruce					5	Log	12								

2	4113 - R.Maple, Conifer	Sawtimber Well	19.6	77	81-110	N/A	This is a poor hardwood site. There is a small creek along the south edge of the stand.
---	-------------------------	----------------	------	----	--------	-----	---

Canopy Species					% Cover	Size Class	DBH	Age	Sub-Canopy Species				Density	Avg. Height	Size
Hemlock					5	Log	10		Red Maple			Medium	5 - 10 feet	Sapling	
Black Spruce					5	Log	10		Yellow Birch			Low	5 - 10 feet	Sapling	
Balsam Fir					5	Log	10		Beech			Low	5 - 10 feet	Sapling	
Beech					5	Log	12		Black Spruce			Medium	5 - 10 feet	Sapling	
Red Maple					70	Pole/Log	8	77	White Pine			Low	5 - 10 feet	Sapling	
White Pine					5	Log	12		Balsam Fir			High	5 - 10 feet	Sapling	
Yellow Birch					5	Log	12								

3	429 - Mixed Upland Conifers	Sawtimber Well	83.0	77	81-110	N/A	This stand is an all age mix of trees filling in openings,
---	-----------------------------	----------------	------	----	--------	-----	--

Canopy Species					% Cover	Size Class	DBH	Age	Sub-Canopy Species				Density	Avg. Height	Size
White Pine					55	Log	10	77	Red Maple			Medium	5 - 10 feet	Sapling	
Quaking Aspen					2	Pole/Sap/Log	8		White Pine			High	5 - 10 feet	Sapling	
Red Maple					25	Pole/Sap/Log	8		Balsam Fir			High	5 - 10 feet	Sapling	
Red Pine					3	Pole/Sap/Log	8								
Black Cherry					5	Pole/Sap/Log	8								
Balsam Fir					10	Pole/Sap/Log	7								

4	500 - Water	Nonstocked	2.5			No	
---	-------------	------------	-----	--	--	----	--

5	42110 - Planted Red Pine	Sawtimber Well	18.3	62	111-140	N/A	Octo-piney unit 1. TS:41-027-16-01 TCR: 8/28/2018
---	--------------------------	----------------	------	----	---------	-----	---

Canopy Species					% Cover	Size Class	DBH	Age	Sub-Canopy Species				Density	Avg. Height	Size
Red Pine					90	Log	12	62	Red Maple			Low	5 - 10 feet	Sapling	
Black Cherry					3	Pole	7		Beech			Low	5 - 10 feet	Sapling	
White Pine					7	Log/XLog/Pole	14		White Pine			Low	5 - 10 feet	Sapling	
									Black Cherry			Low	5 - 10 feet	Sapling	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																					
6	42110 - Planted Red Pine	Sawtimber Well	42.1	62	111-140	N/A	This stand was third row thinned in 2006 (sale #41-023-06-01 Stanley RP Rows) residual was 120 sq. ft. of red pine. Evaluate for further treatment next entry period.																																																					
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Pine</td> <td>100</td> <td>Log</td> <td>12</td> <td>62</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Pine	100	Log	12	62	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	White Pine	Low	5 - 10 feet	Sapling	Red Maple	Low	5 - 10 feet	Sapling																																			
Canopy Species	% Cover	Size Class	DBH	Age																																																								
Red Pine	100	Log	12	62																																																								
Sub-Canopy Species	Density	Avg. Height	Size																																																									
White Pine	Low	5 - 10 feet	Sapling																																																									
Red Maple	Low	5 - 10 feet	Sapling																																																									
7	4319 - Mixed Upland Forest	Poletimber Well	5.0	77	81-110	N/A	This is a poor hardwood site.																																																					
<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>5</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>3</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> <tr> <td>Black Spruce</td> <td>15</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> <tr> <td>Jack Pine</td> <td>3</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> <tr> <td>Hemlock</td> <td>5</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>39</td> <td>Pole/Log</td> <td>9</td> <td>77</td> </tr> <tr> <td>White Pine</td> <td>15</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> <tr> <td>Sugar Maple</td> <td>15</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	5	Pole/Log	9		Balsam Fir	3	Pole/Log	9		Black Spruce	15	Pole/Log	9		Jack Pine	3	Pole/Log	9		Hemlock	5	Pole/Log	9		Red Maple	39	Pole/Log	9	77	White Pine	15	Pole/Log	9		Sugar Maple	15	Pole/Log	9		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Medium	5 - 10 feet	Sapling	Balsam Fir	Medium	5 - 10 feet	Sapling
Canopy Species	% Cover	Size Class	DBH	Age																																																								
Quaking Aspen	5	Pole/Log	9																																																									
Balsam Fir	3	Pole/Log	9																																																									
Black Spruce	15	Pole/Log	9																																																									
Jack Pine	3	Pole/Log	9																																																									
Hemlock	5	Pole/Log	9																																																									
Red Maple	39	Pole/Log	9	77																																																								
White Pine	15	Pole/Log	9																																																									
Sugar Maple	15	Pole/Log	9																																																									
Sub-Canopy Species	Density	Avg. Height	Size																																																									
Red Maple	Medium	5 - 10 feet	Sapling																																																									
Balsam Fir	Medium	5 - 10 feet	Sapling																																																									
8	42200 - Natural White Pine	Sawtimber Well	24.9	63	81-110	N/A	This stand was thinned under sale # 41-059-97-01 in 1997.																																																					
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>White Spruce</td> <td>10</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>White Pine</td> <td>87</td> <td>Log/Pole</td> <td>10</td> <td>63</td> </tr> <tr> <td>Red Maple</td> <td>3</td> <td>Pole</td> <td>8</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	White Spruce	10	Pole	8		White Pine	87	Log/Pole	10	63	Red Maple	3	Pole	8		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Beech</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>White Spruce</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Medium	5 - 10 feet	Sapling	Beech	Low	5 - 10 feet	Sapling	White Spruce	Medium	5 - 10 feet	Sapling	Balsam Fir	Medium	5 - 10 feet	Sapling																	
Canopy Species	% Cover	Size Class	DBH	Age																																																								
White Spruce	10	Pole	8																																																									
White Pine	87	Log/Pole	10	63																																																								
Red Maple	3	Pole	8																																																									
Sub-Canopy Species	Density	Avg. Height	Size																																																									
Red Maple	Medium	5 - 10 feet	Sapling																																																									
Beech	Low	5 - 10 feet	Sapling																																																									
White Spruce	Medium	5 - 10 feet	Sapling																																																									
Balsam Fir	Medium	5 - 10 feet	Sapling																																																									
9	42110 - Planted Red Pine	Poletimber Well	2.5	43	51-80	N/A	This is a poor hardwood site when the site is cut even age management should be considered.																																																					
<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>Jack Pine</td> <td>5</td> <td>Pole</td> <td>5</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>90</td> <td>Pole</td> <td>5</td> <td>43</td> </tr> <tr> <td>White Pine</td> <td>5</td> <td>Pole</td> <td>5</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Jack Pine	5	Pole	5		Red Pine	90	Pole	5	43	White Pine	5	Pole	5		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Pine</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Low	5 - 10 feet	Sapling	Red Pine	Low	5 - 10 feet	Sapling																									
Canopy Species	% Cover	Size Class	DBH	Age																																																								
Jack Pine	5	Pole	5																																																									
Red Pine	90	Pole	5	43																																																								
White Pine	5	Pole	5																																																									
Sub-Canopy Species	Density	Avg. Height	Size																																																									
Red Maple	Low	5 - 10 feet	Sapling																																																									
Red Pine	Low	5 - 10 feet	Sapling																																																									
10	330 - Low-Density Trees	Nonstocked	152.4		Immature	No	stand is growing in with mainly white pine, parts of stand will grow into forested stand by next entry																																																					
		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>Medium</td> <td>>20 feet</td> <td>Pole</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	White Pine	Medium	>20 feet	Pole																																																	
Sub-Canopy Species	Density	Avg. Height	Size																																																									
White Pine	Medium	>20 feet	Pole																																																									
11	42200 - Natural White Pine	Poletimber Well	85.9	64	51-80	N/A	White pine filling in a grass opening this stand was coded as grass 10 years ago. A variety of sizes and ages compose the stand.																																																					
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black Cherry</td> <td>25</td> <td>Pole/Sap/Log</td> <td>6</td> <td></td> </tr> <tr> <td>White Pine</td> <td>75</td> <td>Pole</td> <td>7</td> <td>64</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black Cherry	25	Pole/Sap/Log	6		White Pine	75	Pole	7	64																																												
Canopy Species	% Cover	Size Class	DBH	Age																																																								
Black Cherry	25	Pole/Sap/Log	6																																																									
White Pine	75	Pole	7	64																																																								



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																			
12	42100 - Planted White Pine	Poletimber Well	3.1	78	51-80	N/A	Small stand Surrounding bog, leave for BMPs.																																																			
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>70</td> <td>Pole/Log</td> <td>9</td> <td>78</td> </tr> <tr> <td>Black Cherry</td> <td>3</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>2</td> <td>Pole/Sap/Log</td> <td>6</td> <td></td> </tr> <tr> <td>Tamarack</td> <td>10</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Black Spruce</td> <td>13</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>2</td> <td>Pole/Sapling</td> <td>7</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	White Pine	70	Pole/Log	9	78	Black Cherry	3	Pole/Sapling	6		Quaking Aspen	2	Pole/Sap/Log	6		Tamarack	10	Pole/Log	8		Black Spruce	13	Pole	8		Red Maple	2	Pole/Sapling	7		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>White Spruce</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Tamarack</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Quaking Aspen	Low	5 - 10 feet	Sapling	White Spruce	Low	5 - 10 feet	Sapling	White Pine	Low	5 - 10 feet	Sapling	Tamarack	Low	5 - 10 feet	Sapling
Canopy Species	% Cover	Size Class	DBH	Age																																																						
White Pine	70	Pole/Log	9	78																																																						
Black Cherry	3	Pole/Sapling	6																																																							
Quaking Aspen	2	Pole/Sap/Log	6																																																							
Tamarack	10	Pole/Log	8																																																							
Black Spruce	13	Pole	8																																																							
Red Maple	2	Pole/Sapling	7																																																							
Sub-Canopy Species	Density	Avg. Height	Size																																																							
Quaking Aspen	Low	5 - 10 feet	Sapling																																																							
White Spruce	Low	5 - 10 feet	Sapling																																																							
White Pine	Low	5 - 10 feet	Sapling																																																							
Tamarack	Low	5 - 10 feet	Sapling																																																							
13	500 - Water	Nonstocked	1.1			No																																																				
14	42110 - Planted Red Pine	Sawtimber Well	39.7	61	201+	N/A	Octo-piney unit 1. TS:41-027-16-01 TCR: 8/28/2018																																																			
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Pine</td> <td>90</td> <td>Log</td> <td>12</td> <td>61</td> </tr> <tr> <td>Black Cherry</td> <td>2</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>White Pine</td> <td>8</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Pine	90	Log	12	61	Black Cherry	2	Pole	8		White Pine	8	Log/Pole	12		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Black Cherry</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Medium	5 - 10 feet	Sapling	Black Cherry	Medium	5 - 10 feet	Sapling	White Pine	Medium	5 - 10 feet	Sapling	Red Maple	Medium	5 - 10 feet	Sapling															
Canopy Species	% Cover	Size Class	DBH	Age																																																						
Red Pine	90	Log	12	61																																																						
Black Cherry	2	Pole	8																																																							
White Pine	8	Log/Pole	12																																																							
Sub-Canopy Species	Density	Avg. Height	Size																																																							
Balsam Fir	Medium	5 - 10 feet	Sapling																																																							
Black Cherry	Medium	5 - 10 feet	Sapling																																																							
White Pine	Medium	5 - 10 feet	Sapling																																																							
Red Maple	Medium	5 - 10 feet	Sapling																																																							
15	42110 - Planted Red Pine	Sawtimber Well	25.0	62	111-140	N/A	This stand was third row thinned in 2006 (sale #41-023-06-01 Stanley RP Rows) residual was 120 sq. ft. of red pine. Evaluate for further treatment next entry period. Road work was done to access this site at that time including culverts and weirs. There is an intermittent stream within the stand that was dealt with at that time as well.																																																			
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Pine</td> <td>100</td> <td>Log</td> <td>12</td> <td>62</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Pine	100	Log	12	62	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Black Cherry</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Low	5 - 10 feet	Sapling	Black Cherry	Low	5 - 10 feet	Sapling																																	
Canopy Species	% Cover	Size Class	DBH	Age																																																						
Red Pine	100	Log	12	62																																																						
Sub-Canopy Species	Density	Avg. Height	Size																																																							
Red Maple	Low	5 - 10 feet	Sapling																																																							
Black Cherry	Low	5 - 10 feet	Sapling																																																							
16	6225 - Bog	Nonstocked	1.2			No																																																				
17	42110 - Planted Red Pine	Sapling Well	37.9	20	1-50	N/A	Planted in 2006 under c41-865 passed counts in 2007 and 2011 FTP was closed in 2011. Currently stocking is ok, pat he's of good regen and other spots trees are gaped.																																																			
<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>2</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>3</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>White Pine</td> <td>10</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>85</td> <td>Sapling</td> <td>3</td> <td>20</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	2	Sapling	1		Red Maple	3	Sapling	3		White Pine	10	Pole/Sapling	5		Red Pine	85	Sapling	3	20																																
Canopy Species	% Cover	Size Class	DBH	Age																																																						
Quaking Aspen	2	Sapling	1																																																							
Red Maple	3	Sapling	3																																																							
White Pine	10	Pole/Sapling	5																																																							
Red Pine	85	Sapling	3	20																																																						
18	42110 - Planted Red Pine	Sawtimber Well	206.2	71	111-140	N/A	This stand was third row thinned in 2006 (sales #41-007-06-01 Mahoney Red Pine, #41-023-06-01 Stanley RP Rows) residual was 102 sq. ft. of red pine.																																																			
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Pine</td> <td>100</td> <td>Log</td> <td>12</td> <td>71</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Pine	100	Log	12	71	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>Medium</td> <td>< 5 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	White Pine	Medium	< 5 feet	Sapling																																					
Canopy Species	% Cover	Size Class	DBH	Age																																																						
Red Pine	100	Log	12	71																																																						
Sub-Canopy Species	Density	Avg. Height	Size																																																							
White Pine	Medium	< 5 feet	Sapling																																																							
19	623 - Emergent Wetland	Nonstocked	3.9			No																																																				



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

20	42200 - Natural White Pine	Poletimber Well	148.4	79	51-80	N/A	Stand was thinned in 41-059-97-01. There is some variability in size and age. The stand is also expanding into surrounding grass stand which helps contribute to the diversity of the stand.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Hemlock		5	Pole/Sap/Log	7		White Spruce		Medium	10 - 20 feet	Sapling
Balsam Fir		10	Pole/Sap/Log	6		Red Maple		Medium	10 - 20 feet	Sapling
White Spruce		5	Pole/Sap/Log	7		Beech		Low	10 - 20 feet	Sapling
White Pine		80	Pole/Log	9	79	White Pine		Medium	10 - 20 feet	Sapling
						Balsam Fir		Medium	10 - 20 feet	Sapling

21	429 - Mixed Upland Conifers	Sawtimber Well	49.3	100	81-110	N/A	Stand has difficult access with creek crossings, steep slopes, small drains and bogs in the stand.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Red Pine		3	Log	10		Red Maple		Medium	10 - 20 feet	Sapling
Red Maple		22	Log	10		Balsam Fir		Low	10 - 20 feet	Sapling
White Pine		55	Pole/Log/Sap	9	100	White Pine		Medium	10 - 20 feet	Sapling
Paper Birch		5	Log	10						
Balsam Fir		5	Pole	8						
Black Spruce		10	Pole/Log	9						

22	6225 - Bog	Nonstocked	13.8				No
-----------	------------	------------	------	--	--	--	----

23	6229 - Mixed lowland shrub	Nonstocked	1.8				No
-----------	----------------------------	------------	-----	--	--	--	----

24	429 - Mixed Upland Conifers	Sawtimber Well	33.2	60	51-80	N/A	merge with 37			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Paper Birch		10	Log	10		Balsam Fir		High	5 - 10 feet	Sapling
White Pine		45	Log	10	60	White Pine		Low	5 - 10 feet	Sapling
Hemlock		30	Pole/Log	8		Hemlock		Medium	5 - 10 feet	Sapling
Red Oak		5	Pole	5		Red Oak		Low	5 - 10 feet	Sapling
Red Maple		10	Pole/Log	8						

25	6225 - Bog	Nonstocked	1.6				No
-----------	------------	------------	-----	--	--	--	----



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																																
26	4319 - Mixed Upland Forest	Poletimber Well	27.9	79	81-110	N/A	Thinned in 41-059-97-01																																																																
<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>Yellow Birch</td><td>3</td><td>Pole</td><td>8</td><td></td></tr> <tr><td>White Pine</td><td>25</td><td>Pole</td><td>9</td><td>79</td></tr> <tr><td>Balsam Fir</td><td>5</td><td>Pole</td><td>8</td><td></td></tr> <tr><td>White Spruce</td><td>5</td><td>Pole</td><td>9</td><td></td></tr> <tr><td>Red Maple</td><td>50</td><td>Pole</td><td>9</td><td>79</td></tr> <tr><td>Beech</td><td>2</td><td>Log</td><td>12</td><td></td></tr> <tr><td>Hemlock</td><td>10</td><td>Log</td><td>12</td><td></td></tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Yellow Birch	3	Pole	8		White Pine	25	Pole	9	79	Balsam Fir	5	Pole	8		White Spruce	5	Pole	9		Red Maple	50	Pole	9	79	Beech	2	Log	12		Hemlock	10	Log	12		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr><td>Beech</td><td>Low</td><td>5 - 10 feet</td><td>Sapling</td></tr> <tr><td>Hemlock</td><td>Low</td><td>5 - 10 feet</td><td>Sapling</td></tr> <tr><td>Balsam Fir</td><td>Medium</td><td>5 - 10 feet</td><td>Sapling</td></tr> <tr><td>White Spruce</td><td>Low</td><td>5 - 10 feet</td><td>Sapling</td></tr> <tr><td>White Pine</td><td>Medium</td><td>5 - 10 feet</td><td>Sapling</td></tr> <tr><td>Red Maple</td><td>Medium</td><td>5 - 10 feet</td><td>Sapling</td></tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Beech	Low	5 - 10 feet	Sapling	Hemlock	Low	5 - 10 feet	Sapling	Balsam Fir	Medium	5 - 10 feet	Sapling	White Spruce	Low	5 - 10 feet	Sapling	White Pine	Medium	5 - 10 feet	Sapling	Red Maple	Medium	5 - 10 feet	Sapling
Canopy Species	% Cover	Size Class	DBH	Age																																																																			
Yellow Birch	3	Pole	8																																																																				
White Pine	25	Pole	9	79																																																																			
Balsam Fir	5	Pole	8																																																																				
White Spruce	5	Pole	9																																																																				
Red Maple	50	Pole	9	79																																																																			
Beech	2	Log	12																																																																				
Hemlock	10	Log	12																																																																				
Sub-Canopy Species	Density	Avg. Height	Size																																																																				
Beech	Low	5 - 10 feet	Sapling																																																																				
Hemlock	Low	5 - 10 feet	Sapling																																																																				
Balsam Fir	Medium	5 - 10 feet	Sapling																																																																				
White Spruce	Low	5 - 10 feet	Sapling																																																																				
White Pine	Medium	5 - 10 feet	Sapling																																																																				
Red Maple	Medium	5 - 10 feet	Sapling																																																																				
27	4319 - Mixed Upland Forest	Sawtimber Well	11.5	60	81-110	N/A	merge with 37																																																																
<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>Balsam Fir</td><td>15</td><td>Pole</td><td>7</td><td></td></tr> <tr><td>White Pine</td><td>5</td><td>Pole/Log</td><td>9</td><td>60</td></tr> <tr><td>Hemlock</td><td>17</td><td>Log</td><td>10</td><td></td></tr> <tr><td>Red Maple</td><td>55</td><td>Pole/Log</td><td>9</td><td>60</td></tr> <tr><td>White Spruce</td><td>5</td><td>Pole</td><td>7</td><td></td></tr> <tr><td>Red Oak</td><td>3</td><td>Log</td><td>10</td><td></td></tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Balsam Fir	15	Pole	7		White Pine	5	Pole/Log	9	60	Hemlock	17	Log	10		Red Maple	55	Pole/Log	9	60	White Spruce	5	Pole	7		Red Oak	3	Log	10		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr><td>Hemlock</td><td>High</td><td>5 - 10 feet</td><td>Sapling</td></tr> <tr><td>White Pine</td><td>Medium</td><td>5 - 10 feet</td><td>Sapling</td></tr> <tr><td>Red Oak</td><td>Medium</td><td>5 - 10 feet</td><td>Sapling</td></tr> <tr><td>Red Maple</td><td>Medium</td><td>5 - 10 feet</td><td>Sapling</td></tr> <tr><td>Balsam Fir</td><td>Medium</td><td>5 - 10 feet</td><td>Sapling</td></tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Hemlock	High	5 - 10 feet	Sapling	White Pine	Medium	5 - 10 feet	Sapling	Red Oak	Medium	5 - 10 feet	Sapling	Red Maple	Medium	5 - 10 feet	Sapling	Balsam Fir	Medium	5 - 10 feet	Sapling									
Canopy Species	% Cover	Size Class	DBH	Age																																																																			
Balsam Fir	15	Pole	7																																																																				
White Pine	5	Pole/Log	9	60																																																																			
Hemlock	17	Log	10																																																																				
Red Maple	55	Pole/Log	9	60																																																																			
White Spruce	5	Pole	7																																																																				
Red Oak	3	Log	10																																																																				
Sub-Canopy Species	Density	Avg. Height	Size																																																																				
Hemlock	High	5 - 10 feet	Sapling																																																																				
White Pine	Medium	5 - 10 feet	Sapling																																																																				
Red Oak	Medium	5 - 10 feet	Sapling																																																																				
Red Maple	Medium	5 - 10 feet	Sapling																																																																				
Balsam Fir	Medium	5 - 10 feet	Sapling																																																																				
28	6239 - Mixed Emergent Wetland	Nonstocked	1.5			No																																																																	
29	6225 - Bog	Nonstocked	5.6			No																																																																	
30	42200 - Natural White Pine	Poletimber Well	14.1	69	1-50	N/A	This stand was cut in 1997, and surrounds a pond when stand is entered again buffer the pond.																																																																
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr><td>White Pine</td><td>75</td><td>Pole</td><td>8</td><td>69</td></tr> <tr><td>Red Pine</td><td>25</td><td>Pole</td><td>8</td><td></td></tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	White Pine	75	Pole	8	69	Red Pine	25	Pole	8		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr><td>Red Maple</td><td>Low</td><td>5 - 10 feet</td><td>Sapling</td></tr> <tr><td>White Pine</td><td>Low</td><td>5 - 10 feet</td><td>Sapling</td></tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Low	5 - 10 feet	Sapling	White Pine	Low	5 - 10 feet	Sapling																																									
Canopy Species	% Cover	Size Class	DBH	Age																																																																			
White Pine	75	Pole	8	69																																																																			
Red Pine	25	Pole	8																																																																				
Sub-Canopy Species	Density	Avg. Height	Size																																																																				
Red Maple	Low	5 - 10 feet	Sapling																																																																				
White Pine	Low	5 - 10 feet	Sapling																																																																				
31	42110 - Planted Red Pine	Sapling Well	5.3	38	1-50	N/A	Part of an experimental planting for grub control. Treatments were affective, although drought impacts complicated results somewhat. Unfortunately, none of the pesticides we used are available today.																																																																
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr><td>Black Cherry</td><td>3</td><td>Sapling</td><td>1</td><td></td></tr> <tr><td>Red Maple</td><td>3</td><td>Sapling</td><td>1</td><td></td></tr> <tr><td>Red Pine</td><td>91</td><td>Sapling</td><td>4</td><td>38</td></tr> <tr><td>White Pine</td><td>3</td><td>Sapling</td><td>3</td><td></td></tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black Cherry	3	Sapling	1		Red Maple	3	Sapling	1		Red Pine	91	Sapling	4	38	White Pine	3	Sapling	3																																														
Canopy Species	% Cover	Size Class	DBH	Age																																																																			
Black Cherry	3	Sapling	1																																																																				
Red Maple	3	Sapling	1																																																																				
Red Pine	91	Sapling	4	38																																																																			
White Pine	3	Sapling	3																																																																				
32	500 - Water	Nonstocked	3.8			No																																																																	
33	6239 - Mixed Emergent Wetland	Nonstocked	1.0			No																																																																	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
34	42200 - Natural White Pine	Poletimber Poor	39.8	30	1-50	N/A	opening that has filled in with scattered wp and cherry.		
Canopy Species		% Cover	Size Class	DBH	Age				
Black Cherry		20	Sapling	4					
White Pine		80	Pole	6	30				
35	42110 - Planted Red Pine	Sawtimber Well	21.2	62	111-140	N/A	This stand was third row thinned in 2006 (sale #41-007-06-01 Mahoney Red Pine) residual was 102 sq. ft. of red pine. Evaluate for further treatment next entry period.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Pine		100	Log	12	62	Red Maple	Low	5 - 10 feet	Sapling
						White Pine	Low	5 - 10 feet	Sapling
36	500 - Water	Nonstocked	97.4			No	Stanley Lake		
37	429 - Mixed Upland Conifers	Poletimber Well	8.8	48	51-80	N/A	Primarily a fir stand on a steep hill with Stanley Lake on one side and bogs on the other.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir		50	Pole/Sap/Log	6	48	Balsam Fir	High	Variable	Sapling
Red Maple		20	Pole/Sap/Log	7	60				
Paper Birch		15	Pole/Sap/Log	6					
White Pine		10	Pole/Log	9					
Hemlock		5	Pole/Sap/Log	9					
38	42200 - Natural White Pine	Sawtimber Well	5.7	78	81-110	N/A	Stand is an island on Stanley Lake as a result it is factor limited.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Pine		5	Log	12		White Pine	Low	10 - 20 feet	Sapling
White Pine		95	Log	14	78	Red Maple	Low	10 - 20 feet	Sapling
						Black Cherry	Low	10 - 20 feet	Sapling
39	42110 - Planted Red Pine	Sawtimber Well	23.9	62	111-140	N/A	This stand was third row thinned in 2006 (sales #41-007-06-01 Mahoney Red Pine) residual was 102 sq. ft.		
Canopy Species		% Cover	Size Class	DBH	Age				
White Pine		2	Pole	8					
Red Pine		98	Log	12	62				
40	42110 - Planted Red Pine	Sawtimber Well	24.7	62	81-110	N/A	This stand was third row thinned in 2006 (sale #41-007-06-01 Mahoney Red Pine) residual was 97 sq. ft. of red pine.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine		2	Log	10		Balsam Fir	Medium	5 - 10 feet	Sapling
Red Pine		98	Log	12	62	White Pine	Medium	5 - 10 feet	Sapling
						Red Maple	Low	5 - 10 feet	Sapling
41	6224 - Treed Bog	Nonstocked	3.9			No			



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																								
42	6120 - Lowland Cedar	Poletimber Well	17.2	91	51-80	N/A	There is a small creek flowing toward Stanly Lake within the stand.																																								
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>10</td> <td>Log</td> <td>12</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>15</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Black Spruce</td> <td>15</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>60</td> <td>Pole</td> <td>8</td> <td>91</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	White Pine	10	Log	12		Balsam Fir	15	Pole	7		Black Spruce	15	Pole	7		Northern White Cedar	60	Pole	8	91	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Black Spruce</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	White Pine	Medium	5 - 10 feet	Sapling	Red Maple	Medium	5 - 10 feet	Sapling	Black Spruce	Medium	5 - 10 feet	Sapling			
Canopy Species	% Cover	Size Class	DBH	Age																																											
White Pine	10	Log	12																																												
Balsam Fir	15	Pole	7																																												
Black Spruce	15	Pole	7																																												
Northern White Cedar	60	Pole	8	91																																											
Sub-Canopy Species	Density	Avg. Height	Size																																												
White Pine	Medium	5 - 10 feet	Sapling																																												
Red Maple	Medium	5 - 10 feet	Sapling																																												
Black Spruce	Medium	5 - 10 feet	Sapling																																												
43	6239 - Mixed Emergent Wetland	Nonstocked	1.1			No																																									
44	42201 - Natural White Pine, Mixed Deciduous	Poletimber Medium	135.9	60	51-80	N/A	White pine stand surrounding the southwest shore of Stanley Lake. The stand was thinned 20 years ago. The area is an informal camping area and access site for Stanley Lake. There are 3 to 5 sites currently in use by the public in this stand.																																								
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Northern Pin Oak</td> <td>5</td> <td>Pole/Sap/Log</td> <td>9</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>20</td> <td>Pole/Sap/Log</td> <td>6</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>10</td> <td>Pole/Log/Sap</td> <td>9</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Northern Pin Oak	5	Pole/Sap/Log	9		Red Maple	20	Pole/Sap/Log	6		Quaking Aspen	10	Pole/Log/Sap	9		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>Full</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Pine</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	White Pine	Full	5 - 10 feet	Sapling	Red Pine	Medium	5 - 10 feet	Sapling												
Canopy Species	% Cover	Size Class	DBH	Age																																											
Northern Pin Oak	5	Pole/Sap/Log	9																																												
Red Maple	20	Pole/Sap/Log	6																																												
Quaking Aspen	10	Pole/Log/Sap	9																																												
Sub-Canopy Species	Density	Avg. Height	Size																																												
White Pine	Full	5 - 10 feet	Sapling																																												
Red Pine	Medium	5 - 10 feet	Sapling																																												
45	6239 - Mixed Emergent Wetland	Nonstocked	3.2			No																																									
46	42110 - Planted Red Pine	Sawtimber Well	31.0	62	111-140	N/A	This stand was third row thinned in 2006 (sale #41-007-06-01 Mahoney Red Pine) residual was 102 sq. ft. of red pine. Evaluate for further treatment next entry period.																																								
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Pine</td> <td>98</td> <td>Log</td> <td>12</td> <td>62</td> </tr> <tr> <td>White Pine</td> <td>2</td> <td>Log</td> <td>10</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Pine	98	Log	12	62	White Pine	2	Log	10		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	White Pine	Low	5 - 10 feet	Sapling	Red Maple	Low	5 - 10 feet	Sapling																	
Canopy Species	% Cover	Size Class	DBH	Age																																											
Red Pine	98	Log	12	62																																											
White Pine	2	Log	10																																												
Sub-Canopy Species	Density	Avg. Height	Size																																												
White Pine	Low	5 - 10 feet	Sapling																																												
Red Maple	Low	5 - 10 feet	Sapling																																												
47	330 - Low-Density Trees	Nonstocked	2.8			No																																									
48	6229 - Mixed lowland shrub	Nonstocked	5.5			No																																									
49	42200 - Natural White Pine	Sawtimber Well	5.2	59	81-110	N/A	White pine filling in a grass opening this stand was coded as grass 20 years ago. A variety of sizes and ages compose the stand.																																								
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>2</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>White Pine</td> <td>94</td> <td>Log</td> <td>10</td> <td>59</td> </tr> <tr> <td>Red Pine</td> <td>4</td> <td>Log</td> <td>10</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	2	Pole	6		White Pine	94	Log	10	59	Red Pine	4	Log	10		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Medium	10 - 20 feet	Sapling	White Pine	Medium	10 - 20 feet	Sapling												
Canopy Species	% Cover	Size Class	DBH	Age																																											
Red Maple	2	Pole	6																																												
White Pine	94	Log	10	59																																											
Red Pine	4	Log	10																																												
Sub-Canopy Species	Density	Avg. Height	Size																																												
Red Maple	Medium	10 - 20 feet	Sapling																																												
White Pine	Medium	10 - 20 feet	Sapling																																												



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments	
50	6122 - Black Spruce	Poletimber Well	5.5	60	51-80	N/A	This stand is in the Fox River corridor. It should be factor limited as a result.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Jack Pine		5	Pole	5		Tamarack		
Red Maple		10	Pole	5		White Pine		
Black Spruce		50	Pole	9	60	Black Spruce		
Tamarack		20	Pole/Log	9		Density		
White Pine		15	Log	12		Avg. Height		
						Size		
51	42200 - Natural White Pine	Poletimber Well	56.3	52	81-110	N/A	Mix of species along the edge of airport opening stand is expanding out into surrounding opening and as a result has a mix of ages.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Jack Pine		5	Pole	7		Beech		
White Pine		90	Pole	8	52	Balsam Fir		
Red Maple		5	Pole/Sapling	5		White Spruce		
						White Pine		
						Black Cherry		
						Hemlock		
52	42110 - Planted Red Pine	Sawtimber Well	13.3	62	111-140	N/A	This stand was third row thinned in 2006 (sale #41-007-06-01 Mahoney Red Pine) residual was 100 sq. ft. of red pine.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Red Pine		98	Log	12	62	White Pine		
White Pine		2	Log	12		Density		
						Avg. Height		
						Size		
53	42200 - Natural White Pine	Poletimber Well	3.7	60	51-80	N/A	White pine filling in a grass opening this stand was coded as grass 20 years ago. A variety of sizes and ages compose the stand.	
Canopy Species		% Cover	Size Class	DBH	Age			
Red Maple		2	Pole	7				
Red Oak		4	Pole	7				
Paper Birch		2	Pole	7				
Quaking Aspen		4	Pole	7				
White Pine		86	Pole/Log	9	60			
Red Pine		2	Pole	7				
54	500 - Water	Nonstocked	13.1			No		
55	42200 - Natural White Pine	Sawtimber Well	2.9	60	81-110	N/A	This stand is in the Fox River corridor. It should be factor limited as a result.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Red Maple		2	Pole	7		Red Maple		
Tamarack		10	Log	10		Black Spruce		
Black Spruce		5	Pole	8		White Pine		
White Pine		83	Log	12	60	Density		
						Avg. Height		
						Size		



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																				
66	42220 - Natural Jack Pine	Poletimber Well	12.8	55	81-110	N/A																																					
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Pine</td> <td>5</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>Black Cherry</td> <td>2</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Jack Pine</td> <td>90</td> <td>Pole</td> <td>8</td> <td>55</td> </tr> <tr> <td>White Pine</td> <td>3</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Pine	5	Log/Pole	12		Black Cherry	2	Pole	6		Jack Pine	90	Pole	8	55	White Pine	3	Log/Pole	12																		
Canopy Species	% Cover	Size Class	DBH	Age																																							
Red Pine	5	Log/Pole	12																																								
Black Cherry	2	Pole	6																																								
Jack Pine	90	Pole	8	55																																							
White Pine	3	Log/Pole	12																																								
67	6225 - Bog	Nonstocked	3.7			No																																					
68	42120 - Planted Jack Pine	Poletimber Well	52.3	56	111-140	N/A																																					
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Pine</td> <td>2</td> <td>Log</td> <td>10</td> <td></td> </tr> <tr> <td>Jack Pine</td> <td>94</td> <td>Pole</td> <td>8</td> <td>56</td> </tr> <tr> <td>White Pine</td> <td>2</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>2</td> <td>Pole</td> <td>8</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Pine	2	Log	10		Jack Pine	94	Pole	8	56	White Pine	2	Log/Pole	10		Red Maple	2	Pole	8		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Low	5 - 10 feet	Sapling	White Pine	Low	5 - 10 feet	Sapling			
Canopy Species	% Cover	Size Class	DBH	Age																																							
Red Pine	2	Log	10																																								
Jack Pine	94	Pole	8	56																																							
White Pine	2	Log/Pole	10																																								
Red Maple	2	Pole	8																																								
Sub-Canopy Species	Density	Avg. Height	Size																																								
Red Maple	Low	5 - 10 feet	Sapling																																								
White Pine	Low	5 - 10 feet	Sapling																																								
69	42120 - Planted Jack Pine	Sapling Well	169.6	14	Immature	N/A	This stand is a combination of 6 stands that all had jack pine budworm in 2003. They were salvage harvested in 2006 and 2005 in two sales (Wardles Pine sale #41-011-06-01 and 450 JP Salvage Sale #41-029-04-01). Some stands were trenched and seeded in 2005, subsequent regeneration checks failed stand was added to the planting list in 2008. Stands were trenched and planted in 2010 under 2 FTPs (C41-1193, C41-1280).																																				
<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>Jack Pine</td> <td>84</td> <td>Sapling</td> <td>2</td> <td>14</td> </tr> <tr> <td>White Pine</td> <td>2</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>10</td> <td>Pole/Sap/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>2</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Red Oak</td> <td>2</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Jack Pine	84	Sapling	2	14	White Pine	2	Log/Pole	10		Red Pine	10	Pole/Sap/Log	8		Quaking Aspen	2	Sapling	1		Red Oak	2	Log/Pole	10													
Canopy Species	% Cover	Size Class	DBH	Age																																							
Jack Pine	84	Sapling	2	14																																							
White Pine	2	Log/Pole	10																																								
Red Pine	10	Pole/Sap/Log	8																																								
Quaking Aspen	2	Sapling	1																																								
Red Oak	2	Log/Pole	10																																								
70	330 - Low-Density Trees	Nonstocked	1.9		Immature	No																																					
71	42210 - Natural Red Pine	Sawtimber Well	10.3	75	51-80	N/A	ridge of rp left as retention for adjacent stand.																																				
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Oak</td> <td>5</td> <td>Log</td> <td>12</td> <td></td> </tr> <tr> <td>Jack Pine</td> <td>3</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>92</td> <td>Log/XLog</td> <td>14</td> <td>75</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Oak	5	Log	12		Jack Pine	3	Pole	8		Red Pine	92	Log/XLog	14	75	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Oak</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Oak	Low	5 - 10 feet	Sapling	White Pine	Low	5 - 10 feet	Sapling								
Canopy Species	% Cover	Size Class	DBH	Age																																							
Red Oak	5	Log	12																																								
Jack Pine	3	Pole	8																																								
Red Pine	92	Log/XLog	14	75																																							
Sub-Canopy Species	Density	Avg. Height	Size																																								
Red Oak	Low	5 - 10 feet	Sapling																																								
White Pine	Low	5 - 10 feet	Sapling																																								
72	110 - Low Intensity Urban	Nonstocked	23.2		Unspecified	No	Fox River Road, Schoolcraft County Road 450.																																				
73	330 - Low-Density Trees	Nonstocked	102.7			Managed Opening																																					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments	
74	429 - Mixed Upland Conifers	Poletimber Well	3.0	55	81-110	N/A	White pine filling in a grass opening. A variety of sizes and ages compose the stand.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
White Pine		55	Pole/Sap/Log	8	55	Balsam Fir		Medium
Red Maple		20	Pole/Sap/Log	8		White Pine		Medium
White Spruce		15	Pole/Log/Sap	8				
Quaking Aspen		10	Pole/Log/Sap	8				
75	42120 - Planted Jack Pine	Poletimber Well	20.8	56	81-110	N/A		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
White Pine		5	Sapling/Pole	4		White Pine		Low
Jack Pine		92	Pole/Log	9	56	Northern White Cedar		Low
Red Pine		3	Sapling/Pole	4				
76	42210 - Natural Red Pine	Sawtimber Well	38.0	75	81-110	N/A		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Jack Pine		25	Pole	8	75	White Pine		High
Paper Birch		5	Pole/Log	8		Jack Pine		Low
White Pine		10	Log	14		Red Pine		Low
Red Pine		60	Log	12	75			
77	42290 - Natural Mixed Pine	Sawtimber Well	22.9	54	51-80	N/A	This stand is a mix of ages and species there is lots of jack pine filling in the north side of the stand.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Paper Birch		5	Pole	6		Jack Pine		Medium
Red Pine		30	Log	10				
Jack Pine		40	Pole/Sap/Log	6	54			
Black Cherry		5	Pole	6				
White Pine		20	Log	10				
78	42120 - Planted Jack Pine	Sapling Well	31.8	14	Immature	N/A	This was a Scotch pine stand that was clear cut, jack pine was planted under FTP c41-1277 the stand was planted in 2010 at a cost of \$114.38 per ac. The first year regeneration check was in 2012 with 383 T/A. The third year check was 573 T/A and 123 V/A FTP will be closed as the stand meets minimum stocking requirements with the volunteers included.	
Canopy Species		% Cover	Size Class	DBH	Age			
Jack Pine		85	Sapling	2	14			
Red Pine		5	Pole	8				
White Pine		10	Log/Pole	10				
79	42120 - Planted Jack Pine	Sapling Well	45.0	21	Immature	N/A	Stand was clearcut approximately 20 years ago and planted in 2003 Ftp closed. fully stocked.	
Canopy Species		% Cover	Size Class	DBH	Age			
White Pine		10	Log/Pole	12	75			
Black Spruce		10	Sapling	1	21			
Red Pine		15	Log	14	75			
Jack Pine		65	Sapling	4	21			



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																							
80	42290 - Natural Mixed Pine	Sawtimber Well	22.9	62	81-110	N/A																																								
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Pine</td> <td>10</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>Jack Pine</td> <td>25</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> <tr> <td>White Pine</td> <td>50</td> <td>Log</td> <td>12</td> <td>62</td> </tr> <tr> <td>Black Spruce</td> <td>15</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Pine	10	Log/Pole	12		Jack Pine	25	Pole/Log	9		White Pine	50	Log	12	62	Black Spruce	15	Pole/Log	9		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Beech</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>High</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Beech	Low	5 - 10 feet	Sapling	White Pine	Medium	5 - 10 feet	Sapling	Red Maple	High	5 - 10 feet	Sapling		
Canopy Species	% Cover	Size Class	DBH	Age																																										
Red Pine	10	Log/Pole	12																																											
Jack Pine	25	Pole/Log	9																																											
White Pine	50	Log	12	62																																										
Black Spruce	15	Pole/Log	9																																											
Sub-Canopy Species	Density	Avg. Height	Size																																											
Beech	Low	5 - 10 feet	Sapling																																											
White Pine	Medium	5 - 10 feet	Sapling																																											
Red Maple	High	5 - 10 feet	Sapling																																											
81	4191 - Mixed Upland Deciduous with Conifer	Sapling Well	21.3	6	Immature	N/A	Octo-piney unit 3. TS:41-027-16-01 TCR: 8/28/2018 regeneration of deciduous trees full under white seed trees.																																							
<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>30</td> <td>Sapling</td> <td>2</td> <td>6</td> </tr> <tr> <td>Jack Pine</td> <td>2</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>Black Cherry</td> <td>20</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>3</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>White Pine</td> <td>15</td> <td>Log</td> <td>16</td> <td>78</td> </tr> <tr> <td>Red Maple</td> <td>30</td> <td>Sapling</td> <td>2</td> <td>6</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	30	Sapling	2	6	Jack Pine	2	Sapling	3		Black Cherry	20	Sapling	2		Balsam Fir	3	Sapling	3		White Pine	15	Log	16	78	Red Maple	30	Sapling	2	6										
Canopy Species	% Cover	Size Class	DBH	Age																																										
Quaking Aspen	30	Sapling	2	6																																										
Jack Pine	2	Sapling	3																																											
Black Cherry	20	Sapling	2																																											
Balsam Fir	3	Sapling	3																																											
White Pine	15	Log	16	78																																										
Red Maple	30	Sapling	2	6																																										
82	3302 - Low Density Conifer Trees	Nonstocked	17.4		Unspecified	No	Site was burned for Sharp tail habitat in 2014. Burn was effective at killing encroaching vegetation.																																							
83	3302 - Low Density Conifer Trees	Nonstocked	8.8		Unspecified	No	Site was burned for Sharp tail habitat in 2014. Burn was effective at killing encroaching vegetation.																																							
85	3302 - Low Density Conifer Trees	Nonstocked	44.0			Managed Opening	area is transition between white pine stand and stanley lake burn area. stand is on the fringe of being forested, probably next entry stand will grow into being a forested stand.																																							
		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>High</td> <td>Variable</td> <td>Pole</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	White Pine	High	Variable	Pole																																			
Sub-Canopy Species	Density	Avg. Height	Size																																											
White Pine	High	Variable	Pole																																											
86	3302 - Low Density Conifer Trees	Nonstocked	2.7			No																																								
87	3302 - Low Density Conifer Trees	Nonstocked	41.1			No																																								
88	121 - Airport	Nonstocked	9.4				landing strip from the 1950s opening that is growing into white pine stand.																																							
		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	White Pine	Medium	5 - 10 feet	Sapling																																			
Sub-Canopy Species	Density	Avg. Height	Size																																											
White Pine	Medium	5 - 10 feet	Sapling																																											