



Compartment Review Presentation

Shingleton Forest Management Unit

Compartment 41084

Entry Year 2026

Acreage: 1,919

County: Schoolcraft

Management Area: Escanaba Lake and Till Plain

Stand Examiner: Steve Touvila

Legal Description:

T41N, R17W, Sections 23, 26 & 35

Identified Planning Goals:

This compartment is in the Garden Thompson Plains Management Areas. The main objectives for this area are timber management, wildlife habitat, protection of unique areas, species of special concern, and opportunities for forest recreation. This compartment is within the Thompson Plains, which is a large opening complex that is managed for wildlife.

Soil and topography:

In general, the soils are very well drained sandy soils. The terrain in the area is flat to slightly rolling. The main soil types are Rubicon Sand and Mancelona Sand.

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

The entire compartment is State land without any private fragmentation. The compartment is surrounded by State land on the north, east, and west boundaries. There is private land on the southern boundary. There are 2 major gas pipelines, a high energy transmission line, a railroad, and US-2 Highway bisecting the compartment.

Unique Natural Features:

No Unique Natural Features known.

Archeological, Historical, and Cultural Features:

There are known Archeological concerns within the compartment.

Special Management Designations or Considerations:

This compartment lies within what is called the Thompson plains and there are several compartments that make up this area. There are several large grass openings that are maintained through prescribed burning which provide critical habitat for a wide range of game and non-game species.

Watershed and Fisheries Considerations:

No waterbodies of management interest in this compartment.

Wildlife Habitat Considerations:

Wildlife featured species: Woodcock, ruffed grouse, deer and turkey.

Mineral Resource and Development Concerns and/or Restrictions

No known potential exists for commercial oil & gas production in this part of the state. Historically, Cleveland Cliffs drilled two exploration boreholes to test for iron ore four miles west of the compartment. Data from those test wells is not readily available, but there is no known potential for occurrences of commercial deposits of metallic or critical minerals in this area. Any potential iron ore beneath the compartment would be at such a depth that it would not be economical to produce. Many active aggregate mining operations exist in the region, generally on upland areas, producing sand & gravel from glacial drift and crushed stone from bedrock limestone/dolostone. The State-owned Roberts Pit is less than one mile northwest and is currently leased to the county road commission. There may be some potential for additional production of aggregate resources on upland areas within the compartment. Aside from the Roberts Pit, no other current leasing activity exists in the area involving State-owned mineral rights. The State does not own all the mineral rights within the compartment. Because the mineral estate is the dominant estate, the surface owner must provide the owner of the mineral rights reasonable access to the surface for mineral exploration and development.

Vehicle Access:

The vehicle access to the compartment is excellent. Highway US-2 runs through the southern part of the compartment. There are numerous trails and roads throughout the compartment that provide access to the interior stands. There is not a railroad crossing within the compartment. The crossing is east of the compartment boundary.

Survey Needs:

None needed.

Recreational Facilities and Opportunities:

Snowmobile trail #2 runs through the northern portion of the compartment. The numerous roads in the compartment provides good access for hunting.

Fire Protection:

Fire potential is high in the compartment given the grass and pine fuel types and the amount of recreational use of the area. The compartment is mainly upland and a fair network of roads and trails exist but there are 2 underground pipelines and one railroad that cross through the compartment that limit the access points to only a few approved crossings.

Additional Compartment Information:

The following reports from the Inventory are attached:

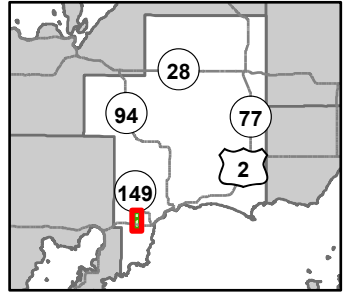
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

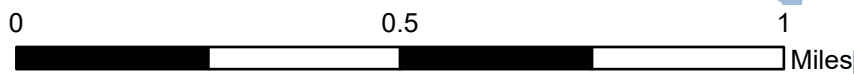
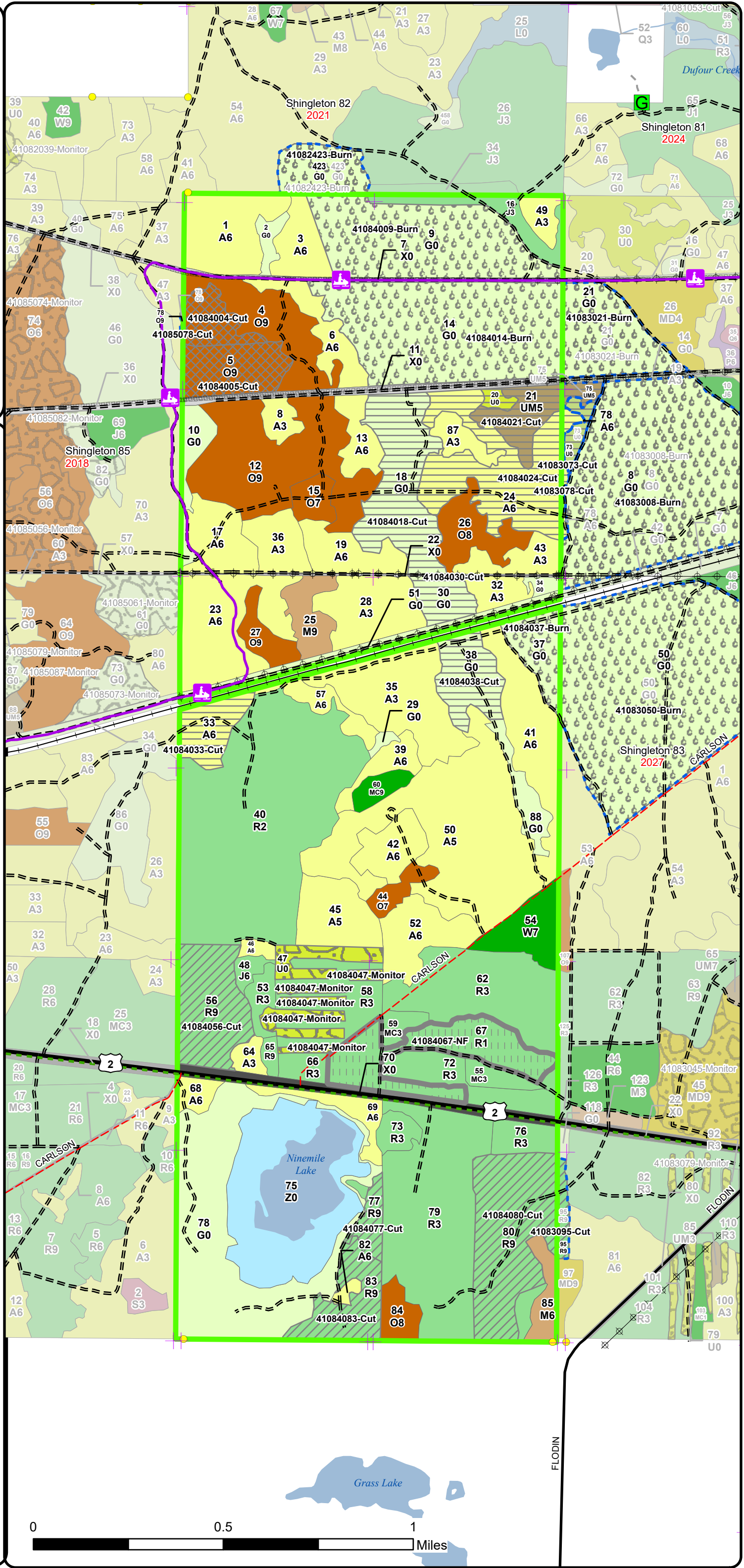
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

Compartment: 41084
 T41N, R17W, Sec. 23, 26, 35
 County: Schoolcraft
 Unit: Shingleton
 Mgmt Area: Escanaba Lake and Till Plain
 YOE: 2026
 Acres: 1919 GIS Calculated
 Examiner: Steve Touvila
 Map Revised: 08/13/2024
 Map Phase: Web Post

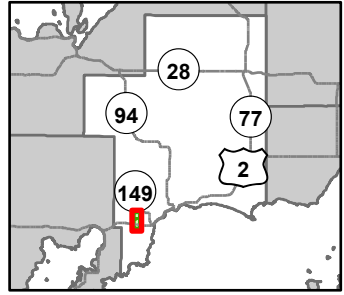


- Gate
- Survey Grade Corners
- Remonumented Section Corners
- Snowmobile Trails
- Designated Hiking Trails
- Designated Bicycle Trails
- Designated Snowmobile Trails
- DNR - Forest Access Route
- Federal / State Highway
- Federal / State / County - Paved Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- Active Railroads
- Island in Lake or River
- Lake/Pond
- Perennial River
- Pipeline
- Powerline
- Lakes and Rivers
- Compartment Boundary
- Treatments with Site Conditions
- Selection (Group, Single Tree)
- Clearcut (w/Reserves)
- Prescribed Burn
- Thinning (Crown, Low, Systematic)
- Regeneration Survey
- Opening Maintenance
- Selection (Group, Single Tree)
- Clearcut (w/Reserves)
- Prescribed Burn
- Thinning (Crown, Low, Systematic)
- 411 - Northern Hardwood
- 412 - Oak Types
- 413 - Aspen Types
- 421 - Planted Pines
- 422 - Natural Pines
- 430 - Upland Mixed Forest
- 110 - Low Intensity Urban
- 123 - Other High Intensity Urban
- 310 - Herbaceous Openland
- 330 - Low Density Trees
- 500 - Water
- 412 - Oak Types
- 413 - Aspen Types
- 421 - Planted Pines
- 430 - Upland Mixed Forest
- 310 - Herbaceous Openland
- 320 - Upland Shrub

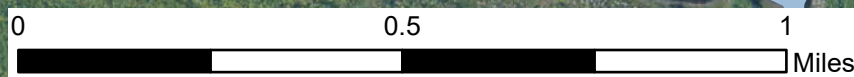
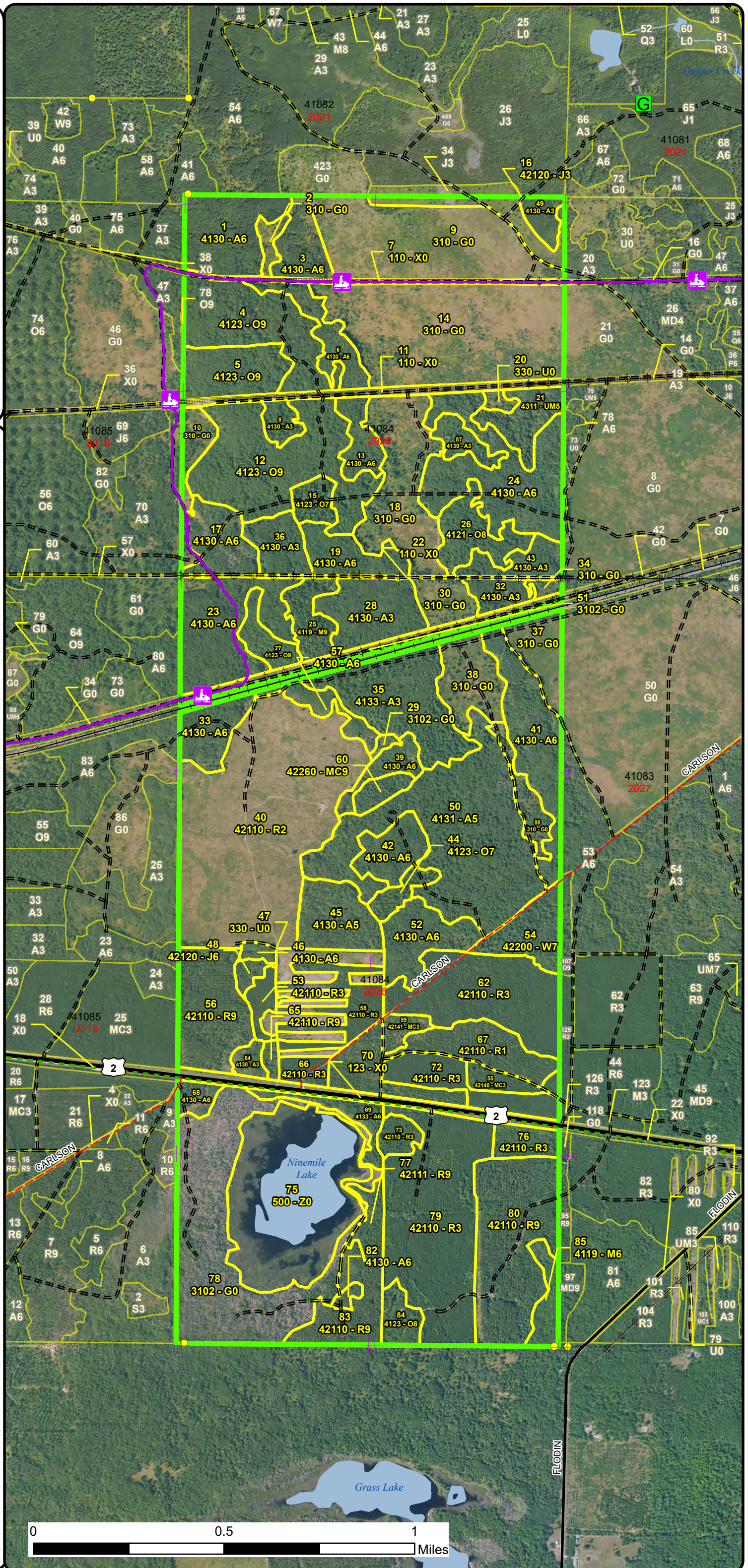


Stand Boundary Map

Compartment: 41084
 T41N, R17W, Sec. 23, 26, 35
 County: Schoolcraft
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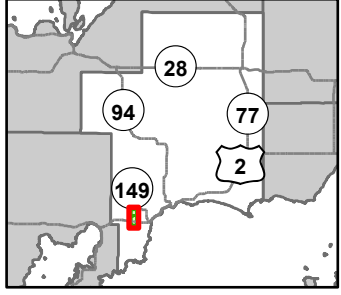


- Gate
- Survey Grade Corners
- + Remonumented Section Corners
- ↔ Snowmobile Trails
- - - Designated Hiking Trails
- - - Designated Bicycle Trails
- - - Designated Snowmobile Trails
- = = = DNR - Forest Access Route
- — — Federal / State Highway
- — — Federal / State / County - Paved Road
- - - County - Dirt Road (Seasonal)
- - - Private - Dirt / Gravel Road
- — — Active Railroads
- — — Island in Lake or River
- — — Lake/Pond
- — — Perennial River
- — — Pipeline
- — — Powerline
- Lakes and Rivers
- Compartment Boundary
- Stand Boundaries
- 411 - Northern Hardwood
- 412 - Oak Types
- 413 - Aspen Types
- 421 - Planted Pines
- 422 - Natural Pines
- 430 - Upland Mixed Forest
- 110 - Low Intensity Urban
- 123 - Other High Intensity Urban
- 310 - Herbaceous Openland
- 330 - Low Density Trees
- 500 - Water
- State Forests

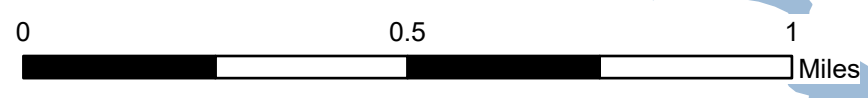
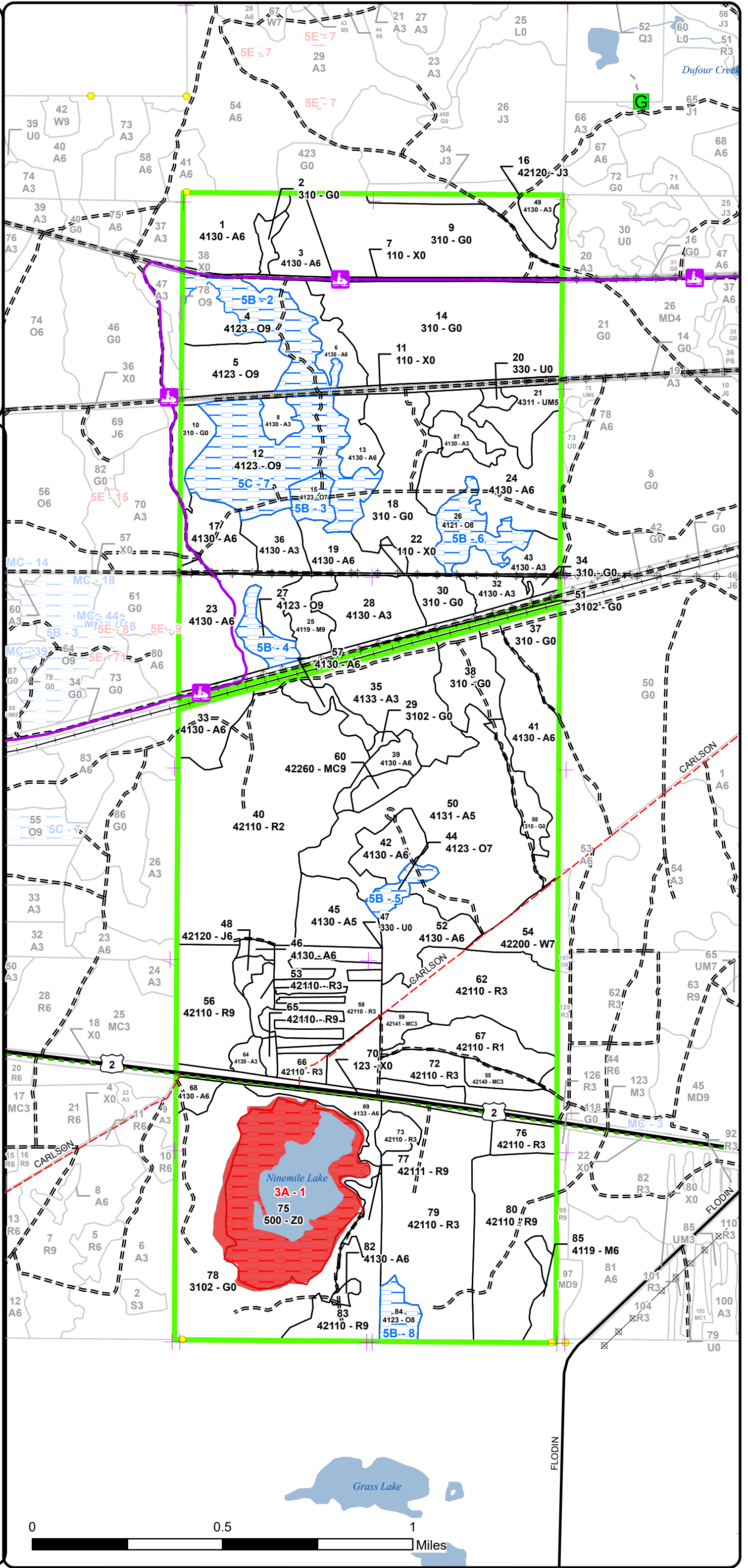


Special Conservation Areas & Site Conditions Map

Compartment: 41084
 T41N, R17W, Sec. 23, 26, 35
 County: Schoolcraft
 Unit: Shingleton
 Mgmt Area: Escanaba Lake and Till Plain
 YOE: 2026
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- Gate
 - Survey Grade Corners
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 - Designated Hiking Trails
 - Designated Bicycle Trails
 - Designated Snowmobile Trails
 - DNR - Forest Access Route
 - Federal / State Highway
 - Federal / State / County - Paved Road
 - County - Dirt Road (Seasonal)
 - Private - Dirt / Gravel Road
 - Active Railroads
 - Island in Lake or River
 - Lake/Pond
 - Perennial River
 - Pipeline
 - Powerline
 - Lakes and Rivers
 - Compartment Boundary
 - Available w/ Constraints
 - Unavailable
- 5B: Maintain for regeneration purposes



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
Aspen	0	0	64	85	12	413	0	0	0	0	0	0	0	0	0	0	0	0	574
Herbaceous Openland	394	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	394
Jack Pine	0	14	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	18
Low-Density Trees	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27
Natural Mixed Pines	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	6
Northern Hardwood	0	0	0	0	0	0	0	0	0	10	13	0	0	0	0	0	0	0	23
Oak	0	0	0	0	0	0	0	0	0	94	89	0	0	0	0	0	0	0	182
Planted Mixed Pines	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
Red Pine	0	145	56	173	20	0	0	31	97	0	0	0	0	0	0	0	0	0	519
Upland Mixed Forest	0	0	0	0	0	0	15	0	0	0	0	0	0	0	0	0	0	0	15
Urban	41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	41
Water	90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	90
White Pine	0	0	0	0	0	0	0	0	18	0	0	0	0	0	0	0	0	0	18
Total	552	159	132	258	32	417	15	31	115	110	102	0	0	0	0	0	0	0	1919



Report 2 – Treatment Summary

Shingleton Mgt. Unit

Year of Entry: 2026

Acres of Harvest

Compartment 84

Total Compartment Acres: 1,919

Commercial Harvest - 317
 Harvests with Site Condition - 0
 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
Aspen	67	0	0	0	0	0	0	0	0	67
Herbaceous Openland	76	0	0	0	0	0	0	0	0	76
Low-Density Trees	2	0	0	0	0	0	0	0	0	2
Oak	0	36	0	0	0	0	0	0	0	36
Red Pine	0	0	0	0	0	120	0	0	0	120
Upland Mixed Forest	15	0	0	0	0	0	0	0	0	15
Total	161	36	0	0	0	120	0	0	0	317

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	317	0	0	0	182	0	24	0	40	564
Next Step	0	152	91	0	0	76	486	0	40	845
Total	317	152	91	0	182	76	510	0	80	1409



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
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Proposed Treatments:

423	41082423- Burn	18.3	3102 - Grass	Nonstocked		Unspec ified	Burn	Opening	310 - Herbaceous Openland		No
<p><u>Prescription</u> Prescribe burn to set back trees and brush. <u>Specs:</u> <u>Next Step</u> Monitoring, Prescribed Burn <u>Treatments:</u> <u>Acceptable</u> <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> Proposed Start Date: 10/1 /2025</p>											
8	41083008- Burn	166.4	310 - Herbaceous Openland	Nonstocked		Unspec ified	Burn	Opening	310 - Herbaceous Openland		No
<p><u>Prescription</u> Prescribe burn to set back trees and brush. <u>Specs:</u> <u>Next Step</u> Monitoring, Prescribed Burn <u>Treatments:</u> <u>Acceptable</u> <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> Proposed Start Date: 10/1 /2025</p>											
21	41083021- Burn	34.5	310 - Herbaceous Openland	Nonstocked		Unspec ified	Burn	Opening	310 - Herbaceous Openland		No
<p><u>Prescription</u> Prescribe burn to set back trees and brush. <u>Specs:</u> <u>Next Step</u> Monitoring, Prescribed Burn <u>Treatments:</u> <u>Acceptable</u> <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> Proposed Start Date: 10/1 /2025</p>											



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
50 41083050-Burn	175.7	3102 - Grass	Nonstocked		Unspecified	Burn	Opening	310 - Herbaceous Openland		No
<p><u>Prescription</u> Prescribe burn to set back trees and brush. <u>Specs:</u> <u>Next Step</u> Monitoring, Prescribed Burn <u>Treatments:</u> <u>Acceptable Regen:</u> <u>Other Comment:</u> <u>Site Condition:</u> Proposed Start Date: 10/1 /2025</p>										
73 41083073-Cut	4.9	320 - Upland Shrub	Nonstocked	0	Unspecified	Harvest	Clearcut	330 - Low-Density Trees		No
<p><u>Prescription</u> Clearcut with retention per work instructions. Don't cut oak and hemlock if encountered. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable Regen:</u> any species on site <u>Other Comment:</u> <u>Site Condition:</u> Proposed Start Date: 10/1 /2016</p>										
75 41083075-Cut	3.2	4311 - Pine, Aspen Mix	Poletimber Medium	53	51-80	Harvest	Clearcut	4132 - Aspen, Jack Pine	Even-Aged	No
<p><u>Prescription</u> Clearcut all species to 2" DBH. Don't cut white pine, oak and hemlock if encountered. No retention due to small size. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory); Planting, Unfurrowed; Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr) <u>Treatments:</u> <u>Acceptable Regen:</u> any species on site <u>Other Comment:</u> <u>Site Condition:</u> Proposed Start Date: 10/1 /2016</p>										
78 41083078-Cut	3.6	4130 - Aspen	Poletimber Well	46	81-110	Harvest	Clearcut	413 - Aspen	Even-Aged	No
<p><u>Prescription</u> Clearcut all trees to 2" DBH with no retention due to small size. Don't cut oak or hemlock if encountered. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable Regen:</u> any species on site <u>Other Comment:</u> <u>Site Condition:</u> Proposed Start Date: 10/1 /2025</p>										



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Stand	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
95	41083095-Cut	4.8	42110 - Planted Red Pine	Sawtimber Well	70	111-140	Harvest	Crown Thinning	4211 - Planted Red Pine	Even-Aged	No
<p><u>Prescription</u> Thin stand to approximately 120. This will be a light thinning. Concentrate on thinning denser areas and look for previous harvest damaged trees also.</p> <p><u>Specs:</u></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>											
4	41084004-Cut	12.9	4123 - Red Oak	Sawtimber Well	92	81-110	Harvest	Group Selection	4123 - Red Oak	Uneven-Aged	No
<p><u>Prescription</u> 1/2 acre gap treatment following the new policy. Cut to 1" DBH within the gaps. Mark for operability between the gaps.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> red oak is preferred</p> <p><u>Regen:</u> red maple, aspen, white pine, red pine, paper birch is acceptable</p> <p><u>Other</u> A reference line shows an old skid trail that could be used to access the treatment from the north. It continuous to the south through the</p> <p><u>Comment:</u> middle of the treatment and exits in the SW corner of the stand.</p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>											
5	41084005-Cut	22.7	4123 - Red Oak	Sawtimber Well	92	81-110	Harvest	Group Selection	4123 - Red Oak	Uneven-Aged	No
<p><u>Prescription</u> 1/2 acre gap treatment following the new policy. Cut to 1" DBH within the gaps. Mark for operability between the gaps.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> oak is preferred</p> <p><u>Regen:</u> red maple, white pine, red pine, paper birch, and aspen is acceptable</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>											
9	41084009-Burn	69.2	310 - Herbaceous Openland	Nonstocked		Unspecified	Burn	Opening	310 - Herbaceous Openland		No
<p><u>Prescription</u> Prescribe burn to set back trees and brush.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Prescribed Burn</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>											



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Treatment ID	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
14	41084014-Burn	97.5	310 - Herbaceous Openland	Nonstocked		Unspecified	Burn	Opening	310 - Herbaceous Openland		No
<p><u>Prescription</u> Prescribe burn to set back trees and brush. <u>Specs:</u> <u>Next Step</u> Monitoring, Prescribed Burn <u>Treatments:</u> <u>Acceptable Regen:</u> <u>Other Comment:</u> <u>Site Condition:</u> Proposed Start Date: 10/1 /2025</p>											
18	41084018-Cut	44.4	310 - Herbaceous Openland	Nonstocked		Unspecified	Harvest	Clearcut	42110 - Planted Red Pine	Even-Aged	No
<p><u>Prescription</u> Clearcut all species to 1" DBH to prepare for conversion to planted red pine. <u>Specs:</u> No retention to facilitate cultivation/planting. <u>Next Step</u> SitePrep, Roller Chopping; SitePrep, Trenching; Pesticide, Aerial - Site Prep; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); <u>Treatments:</u> Monitoring, Artificial Regen(3yr) <u>Acceptable Regen:</u> red pine <u>Other Comment:</u> <u>Site Condition:</u> Proposed Start Date: 10/1 /2025</p>											
20	41084020-Cut	2.4	330 - Low-Density Trees	Nonstocked	0	Unspecified	Harvest	Clearcut	413 - Aspen	Even-Aged	No
<p><u>Prescription</u> Clearcut all trees to 2" DBH. Don't cut oak or hemlock if encountered. No retention due to small size. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable Regen:</u> any species on site <u>Other Comment:</u> <u>Site Condition:</u> Proposed Start Date: 10/1 /2025</p>											
21	41084021-Cut	15.4	4311 - Pine, Aspen Mix	Poletimber Medium	53	81-110	Harvest	Clearcut with Retention	4132 - Aspen, Jack Pine	Even-Aged	No
<p><u>Prescription</u> Clearcut all trees to 2" DBH. Don't cut white pine, oak, and hemlock if encountered. Leave retention per policy. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory); Planting, Unfurrowed; Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr) <u>Treatments:</u> <u>Acceptable Regen:</u> any species currently growing on site <u>Other Comment:</u> <u>Site Condition:</u> Proposed Start Date: 10/1 /2025</p>											



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
24 41084024-Cut	51.7	4130 - Aspen	Poletimber Well	46	81-110	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
<p><u>Prescription</u> Clearcut with retention all trees to 2" DBH. Don't cut oak and hemlock if encountered. Mark a few white pine as reserve. Leave retention area(s) per work instructions. Need drumming log specs.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Any species currently growing 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>										
30 41084030-Cut	10.7	310 - Herbaceous Openland	Nonstocked		Unspecified	Harvest	Clearcut	4211 - Planted Red Pine	Even-Aged	No
<p><u>Prescription</u> Clearcut all species to 1" DBH to prepare for conversion to planted red pine.</p> <p><u>Specs:</u> No retention to facilitate cultivation/planting.</p> <p><u>Next Step</u> SitePrep, Roller Chopping; SitePrep, Trenching; Pesticide, Aerial - Site Prep; Planting, Initial Plant; Monitoring, Artificial Regen(1yr);</p> <p><u>Treatments:</u> Monitoring, Artificial Regen(3yr)</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>										
33 41084033-Cut	15.7	4130 - Aspen	Poletimber Well	49	81-110	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
<p><u>Prescription</u> Clearcut with retention all trees to 2" DBH. Don't cut oak and hemlock if encountered. Mark a few white pine as reserve. Try to mark a few of the larger paper birch as reserve. Leave a retention area per work instructions. Need drumming log specs.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> any species 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>										
37 41084037-Burn	15.6	310 - Herbaceous Openland	Nonstocked		Unspecified	Burn	Opening	310 - Herbaceous Openland		No
<p><u>Prescription</u> Prescribe burn to set back trees and brush.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Prescribed Burn</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>										



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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38 41084038-Cut 20.9 310 - Herbaceous Nonstocked Unspec Harvest Clearcut 4211 - Planted Even-Aged No
Openland ified

Prescription Clearcut all species to 1" DBH to prepare for conversion to planted red pine.
Specs: No retention to facilitate cultivation/planting.

Next Step SitePrep, Roller Chopping; SitePrep, Trenching; Pesticide, Aerial - Site Prep; Planting, Initial Plant; Monitoring, Artificial Regen(1yr);
Treatments: Monitoring, Artificial Regen(3yr)

Acceptable red pine
Regen:

Other
Comment:

Site Condition:

Proposed Start Date: 10/1 /2025

47 41084047-Monitor 24.4 330 - Low-Density Nonstocked 0 Unspec Monitoring Artificial 4211 - Planted Even-Aged No
Trees ified Regen(3yr) Red Pine

Prescription artificial regeneration check
Specs:

Next Step
Treatments:

Acceptable red pine
Regen:

Other
Comment:

Site Condition:

Proposed Start Date: 10/1 /2026

56 41084056-Cut 34.7 42110 - Planted Sawtimber 78 141- Harvest Crown Thinning 4211 - Planted Even-Aged No
Red Pine Well 170 Red Pine

Prescription Thin to 120 BA. There are some lighter areas to work through from a previous blowdown event.
Specs:

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Site Condition:

Proposed Start Date: 10/1 /2025

77 41084077-Cut 7.5 42111 - Planted Sawtimber 69 111- Harvest Crown Thinning 4211 - Planted Even-Aged No
Red Pine, Mixed Well 140 Red Pine
Deciduous

Prescription Thin stand to approximately 120. This will be a light thinning. Concentrate on thinning denser areas and look for previous harvest damaged
Specs: trees also. The western finger is mostly aspen and can be cut when the stand is regenerated.

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Site Condition:

Proposed Start Date: 10/1 /2025



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
80 41084080-Cut	55.9	42110 - Planted Red Pine	Sawtimber Well	70	111-140	Harvest	Crown Thinning	4211 - Planted Red Pine	Even-Aged	No
<p><u>Prescription</u> Thin stand to approximately 120. This will be a light thinning. Concentrate on thinning denser areas and look for previous harvest damaged trees also.</p> <p><u>Specs:</u></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> SE 3.5 acres of the stand is natural white pine and will be excluded from the treatment.</p> <p><u>Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>										
83 41084083-Cut	22.2	42110 - Planted Red Pine	Sawtimber Well	69	111-140	Harvest	Crown Thinning	4211 - Planted Red Pine	Even-Aged	No
<p><u>Prescription</u> Thin stand to approximately 120. This will be a light thinning. Concentrate on thinning denser areas and look for previous harvest damaged trees also.</p> <p><u>Specs:</u></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>										
78 41085078-Cut	0.3	4123 - Red Oak	Sawtimber Well	92	81-110	Harvest	Group Selection	4123 - Red Oak	Uneven-Aged	No
<p><u>Prescription</u> 1/5 acre gap treatment following the new policy. Thin to 80 BA between the gaps.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> red oak is preferred</p> <p><u>Regen:</u> red maple, white pine, red pine, aspen, and paper birch would be acceptable</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>										

Approved Treatments:

67 41084067-NF	40.1	42110 - Planted Red Pine	Sapling Poor	18	Immature	NonForestMgt	Brush Cutting	4211 - Planted Red Pine	Even-Aged	No
<p><u>Prescription</u> Use a masticator to remove 2 rows and leave one. Within the leave row we will be leaving a red pine every 20 ft and mulching the other trees in that row. This will create a 20' x20' spacing of red pine for seed trees.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> NonForestMgt, Pruning</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u></p> <p><u>Regen:</u></p> <p><u>Other</u> This is being done to create a red pine seed orchard.</p> <p><u>Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/1 /2021</p>										



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Treatment
Name

Acres

Stand
CoverType

Size
Density

Stand
Age

BA
Range

Treatment
Type

Treatment
Method

Cover Type
Objective

Age
Structure

Habitat
Cut

Total Treatment
Acreage Proposed: 975.6

Report 4 – Site Conditions

Shingleton Mgt. Unit
Steve Touvila: Examiner

Compartment: 84
Year of Entry: 2026



Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	Acres		
		With Condition	Not Available		5B	5C	3A
574	574	0	0	Aspen	0		
394	394	0	0	Herbaceous Openland			
17	17	0	0	Jack Pine			
27	27	0	0	Low-Density Trees			
6	6	0	0	Natural Mixed Pines			
23	23	0	0	Northern Hardwood			
182	36	147	0	Oak	81	66	
12	12	0	0	Planted Mixed Pines			
521	521	0	0	Red Pine			
15	15	0	0	Upland Mixed Forest			
41	41	0	0	Urban			
90	0	0	90	Water			90
18	18	0	0	White Pine			
1,919	1,683	147	90	Total Forested Acres	81	66	90
	88%	8%	5%	Relative Percent			

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

Site No.	Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Unavailable	3A: Conservation Values incompatible with harvest at this time	90	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
2	Available	5B: Maintain for regeneration purposes	29	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Shingleton Mgt. Unit
Steve Touvila: Examiner

Compartment: 84
Year of Entry: 2026



3	Available	5B: Maintain for regeneration purposes	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
4	Available	5B: Maintain for regeneration purposes	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Available	5B: Maintain for regeneration purposes	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
6	Available	5B: Maintain for regeneration purposes	19	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
7	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	66	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
8	Available	5B: Maintain for regeneration purposes	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Mgt. Unit

Compartment: #Type!

Year of Entry:



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

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

SCA Name	SCA Category	Detail Type	Recommendation	Acres
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Comments



Report 6 – EXISTING SPECIAL CONSERVATION AREA DETAILS

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

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

Conservation Area	Type	Description
ERA	Ecological Reference Areas	Ecological Reference Areas (ERAs) are high quality examples of natural communities that have been identified as Element Occurrences (EOs) by the Michigan Natural Features Inventory (MNFI) within the context of their natural community classification system. Element Occurrences with viability ranks of A (Excellent) or B (Good) and a Global (G) or State (S) element (rarity) ranking of endangered (1), threatened (2), or rare (3) serve as an initial base of ERAs. They may be located upon any ownership in the State. The system is comprised of individual or associations of natural community types that are managed for restoration and maintenance of natural ecological processes and values. The public may submit recommendations for lands as ERAs using the DNR Conservation Area Recommendation Form.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																															
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4	4123 - Red Oak	Sawtimber Well	42.3	92	81-110	N/A	Stand was thinned in 1997. Red oak and aspen advanced regeneration is in the east half of the stand and the oak regeneration is growing in height along with the aspen.																																															
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5	4123 - Red Oak	Sawtimber Well	22.7	92	81-110	N/A	Stand was cut as part of the Thompson Plains R-O-Ws Sale #41-027-06-01. The sale was cut in the summer of 2010. TCR date 12/13/2010.																																															
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7	110 - Low Intensity Urban	Nonstocked	6.8		Unspecified	No	Enbridge Pipeline.																																															



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																										
8	4130 - Aspen	Sapling Well	6.0	14	1-50	N/A	Stand was cut as part of sale # 41-027-06-01 Thompson Plains R-O-Ws. The sale was cut in the summer of 2010. TCR date is 12/6/2010.																																										
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9	310 - Herbaceous Openland	Nonstocked	69.2		Unspecified	Managed Opening	Burned in 2019. Ready for another burn to knock back the shrubs or could wait a until 41083 entry next year.																																										
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11	110 - Low Intensity Urban	Nonstocked	12.8		Unspecified	No	Great Lakes Gas Pipeline.																																										
12	4123 - Red Oak	Sawtimber Well	65.7	88	81-110	N/A	Stand was thinned in 1980. A few acres in the central portion of the stand has dense aspen regenerating.																																										
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																													
15	4123 - Red Oak	Sawtimber Poor	7.7	90	1-50	N/A	Stand was cut as part of the sale 41-027-06-01 Thompson Plains R-O-W's. Sale was cut in the summer of 2010. TCR date is 12/6/2010. There is full aspen regeneration along with a low amount of oak regeneration.																																													
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16	42120 - Planted Jack Pine	Sapling Well	13.9	9	Immature	N/A	The stand was cut as part of the Danko South Sale #41-025-06-01. TCR date was 7/20/2009. The sale had some trespass issues in the spring of 2008 when the producer thought they were cutting their actual adjacent sale, Dufour Headwaters. Approximately 1.5 acres were cut. The sale had previously been on hold due to green-up; however, due to the trespass issue, it was determined the best thing was to go ahead and sell the sale prior to meeting the green-up requirement. The stand was scarified in the summer of 2010. a portion of this stand was trenched and planted, the remainder is aspen or was not trenched and is grass. planted portion passed 1 year check with 675 jack pine. Was planted in 2015 and 3,000 jack pine were planted in spring 2017. Stand passed overall check in fall 2018 and was a mixture of 1 and 3 year old trees.																																													
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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20	330 - Low-Density Trees	Nonstocked	2.4	0	Unspecified	No	New stand added with the surrounding aspen merged into adjacent stands.				
								Sub-Canopy Species	Density	Avg. Height	Size
								Bigtooth Aspen	Low	>20 feet	Pole
								Jack Pine	Low	>20 feet	Pole

21	4311 - Pine, Aspen Mix	Poletimber Medium	15.4	53	81-110	N/A	
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Oak	3	Pole/Log/Sap	8		Red Maple	Low	< 5 feet	Sapling
Bigtooth Aspen	40	Pole	9		Black Cherry	Low	5 - 10 feet	Sapling
White Pine	2	Log	14					
Black Cherry	5	Pole/Sapling	5					
Jack Pine	45	Pole	9	53				
Red Maple	5	Log/Pole	14					

22	110 - Low Intensity Urban	Nonstocked	3.6		Unspecified	No	Cloverland Powerline.
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23	4130 - Aspen	Poletimber Well	41.8	44	51-80	N/A	
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Oak	6	Log	14		Red Oak	Medium	< 5 feet	Seeding
Red Maple	2	Pole	6		Paper Birch	Trace	10 - 20 feet	Sapling
Paper Birch	2	Pole	5		Red Maple	Trace	10 - 20 feet	Sapling
Bigtooth Aspen	90	Pole	7	44				

24	4130 - Aspen	Poletimber Well	51.7	46	81-110	N/A	There's a good amount of log sized aspen and some areas of 111-140 BA.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine	2	Log/Pole	12		Red Oak	Low	< 5 feet	Sapling
Red Oak	2	Log	16		Red Maple	Low	< 5 feet	Sapling
Jack Pine	1	Pole	8					
Bigtooth Aspen	94	Pole/Log	9	46				
Red Pine	1	Log	16					

25	4119 - Mixed Northern Hardwoods	Sawtimber Well	13.1	90	51-80	N/A	Stand had heavy blow down damage from 1997 windstorm. The stand was cut as part of the Thompson Plains R-O-Ws. Sale was cut in the summer of 2010. TCR date is 12/6/2010.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch	25	Log/Pole	11		Red Oak	Low	Variable	Sapling
Red Oak	3	Log	14		Beech	Medium	5 - 10 feet	Sapling
White Pine	2	Log/Pole	16		Red Maple	Medium	>20 feet	Sapling
Red Maple	15	Log/Pole	10					
Beech	5	Pole/Log	9					
Sugar Maple	50	Log/Pole	10	90				



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
26	4121 - Oak, Aspen	Sawtimber Medium	18.7	87	51-80	N/A	Stand was cut in 1997-1998 with follow-up TSI.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Bigtooth Aspen		40	Sapling/Pole	3	26	Red Oak	
Red Oak		60	Log/Pole	14	87	Density	Avg. Height
						Medium	< 5 feet
							Size
							Sapling
27	4123 - Red Oak	Sawtimber Well	9.4	93	51-80	N/A	Stand was cut through in 1980 and salvaged in 1998 after a windstorm.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Red Oak		75	Log/Pole	12	93	Bigtooth Aspen	
Bigtooth Aspen		25	Pole/Sapling	5	26	Red Oak	
						Density	Avg. Height
						Low	>20 feet
						Medium	>20 feet
							Size
							Sapling
28	4130 - Aspen	Sapling Well	26.0	26	1-50	N/A	This stand was cut in 1998.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Bigtooth Aspen		95	Sapling/Pole	4	26	Red Maple	
Red Oak		5	Pole/Log/Sap	8		Density	Avg. Height
						Medium	< 5 feet
							Size
							Sapling
29	3102 - Grass	Nonstocked	1.5	0	Unspecified	No	New stand added.
						Sub-Canopy Species	
						Quaking Aspen	
						Density	Avg. Height
						Low	>20 feet
							Size
							Pole
30	310 - Herbaceous Openland	Nonstocked	10.7		Unspecified	Managed Opening	Burned in 2019. Ready for another burn to knock back the shrubs or could wait a until 41083 entry in the following year.
						Sub-Canopy Species	
						Jack Pine	
						Quaking Aspen	
						Black Cherry	
						Density	Avg. Height
						Low	>20 feet
						Low	5 - 10 feet
						Low	5 - 10 feet
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							Pole
							Sapling
							Sapling
32	4130 - Aspen	Sapling Well	7.8	26	1-50	N/A	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Red Oak		1	Log	14		Red Oak	
Bigtooth Aspen		93	Sapling/Pole	4	26	Density	Avg. Height
Red Oak		1	Sapling	4		Trace	< 5 feet
Red Maple		5	Sapling	4			Size
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33	4130 - Aspen	Poletimber Well	15.7	49	81-110	N/A	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Red Oak		2	Log	14		Red Oak	
Paper Birch		3	Pole/Sapling	8		Bigtooth Aspen	
Bigtooth Aspen		90	Pole/Log	9	49	White Pine	
Red Maple		2	Pole/Log	9		Density	Avg. Height
White Pine		3	Log/XLog	16		Low	Variable
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35	4133 - Aspen, Mixed Pine	Sapling Well	43.3	14	1-50	N/A	Stand was cut as part of the Thompson Plains R-O-W Sale # 41-027-06-01. Sale was cut in the summer of 2010. TCR Date 12/6/2010. FTP 1300, aspen TSI was completed as of 8/30/2011.																																			
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37	310 - Herbaceous Openland	Nonstocked	15.6		Unspecified	No	Burned in 2019.																																			
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38	310 - Herbaceous Openland	Nonstocked	20.9		Unspecified	Managed Opening	This stand was burned in 2019 and 1997. Ready for another burn to knock back the shrubs or could wait a until 41083 entry next year.																																			
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39	4130 - Aspen	Poletimber Well	9.1	45	51-80	N/A																																				
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																				
40	42110 - Planted Red Pine	Sapling Medium	144.8	8	Immature	N/A	Fully stocked red pine plantation, historical comments are below: About half of the stand is full of aspen. The edges are filling in rapidly. Stand was trenched in 2015 and sprayed in 2016 by helicopter. It was then roller chopped and re-trenched and planted with 126,000 red pine in spring 2017. PUER was done in spring 2017. Excellent effectiveness of herbicide. Combination was an accord/oust/arsenal spray conducted 6/27/2016. 1st year count in fall 2017. 862 red pine. 3rd year walkthrough check. - looks excellent, no competition, excellent stocking.																																				
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42	4130 - Aspen	Poletimber Well	15.1	43	81-110	N/A	The aspen is growing well on this site.																																				
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44	4123 - Red Oak	Sawtimber Poor	6.8	90	1-50	N/A	Stand was harvested as part of Sale # 41-027-06-01 Thompson Plains R-O-Ws. The sale was cut in the summer of 2010. TCR date 12/6/2010. Most of the regeneration is aspen.																																				
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45	4130 - Aspen	Poletimber Medium	22.3	43	51-80	N/A	Low quality aspen stand. BA varies with the highest being in the southwestern portion. Very little sub-canopy.																																															
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47	330 - Low-Density Trees	Nonstocked	24.4	0	Unspecified	4211 - Planted Red Pine	Stand was part of the 9 Mile Pine Sale # 009-06. TCR is 6/22/2010. The stand was thinned in the Spring of 2008. Some damage due to poor operator. Harvested in 2019 and 2018, Never Say Pine. Trenched in spring 2022. Sprayed in spring 2023. Planted in spring 2024																																															
48	42120 - Planted Jack Pine	Poletimber Well	3.5	47	81-110	N/A	Old furrows in the stand.																																															
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49	4130 - Aspen	Sapling Well	6.6	15	Immature	N/A	The stand was cut as part of the Danko South Sale #41-025-06-01. TCR date was 7/20/2009. The sale had some trespass issues in the spring of 2008 when the producer thought they were cutting their actual adjacent sale, Dufour Headwaters. Approximately 1.5 acres were cut. The sale had previously been on hold due to green-up; however, due to the trespass issue, it was determined the best thing was to go ahead and sell the sale prior to meeting the green-up requirement. The stand was scarified in the summer of 2010. a portion of this stand was trenched and planted, the remainder is aspen or was not trenched and is grass. planted portion passed 1 year check with 675 jack pine. 3,000 jack pine were planted in spring 2017. Stand passed overall check in fall 2018 and is currently a mixture of scarified jack pine, 1 and 3 year old planted jack pine, and aspen. Counts were 613 jack pine. Will get re-mapped next inventory cycle with aspen split out from planted area.																																															
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																				
50	4131 - Aspen, Oak	Poletimber Medium	98.9	40	51-80	N/A	Stand has had various treatments in the past.																																				
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51	3102 - Grass	Nonstocked	14.9	0	Unspecified	No																																					
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52	4130 - Aspen	Poletimber Well	21.9	27	51-80	N/A	Northwestern 5 acres was merged with this stand.																																				
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53	42110 - Planted Red Pine	Sapling Well	6.2	25	51-80	N/A	Walkthrough of this stand results in almost 100% red pine. Historical records are below: Stand was thinned in 1998. The Jack Pine strips were removed as part of a salvage sale in 1997 then replanted in 1998. The stand consists of only young red pine, residual red pine and separate stands. Regeneration survey (3/14/02) results show 833 red pine trees/acre and 450 volunteers per acre. Release work scheduled to be done under FTP #41-892. Completion report (1/6/2004) showed a total of 5 acres of release work done in 8/03.																																				
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54	42200 - Natural White Pine	Sawtimber Poor	17.7	79	1-50	N/A	Stand was cut as part of Thompson Plains ROWs Sale # 41-027-06-01. Sale was cut in the summer of 2010 and is closed.																																				
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55	42140 - Planted Mixed Pine	Sapling Well	6.3	18	Immature	N/A	Planted red pine that grew into a mix of red pine, jack pine, and aspen. This was originally part of stand 67. Stand 67 was converted to a red pine seed tree orchard in 2023.																																				
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56	42110 - Planted Red Pine	Sawtimber Well	34.7	78	141-170	N/A	Stand was cut in 2018 as part of the Never Say Pine Again 41-015-16.																																																							
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57	4130 - Aspen	Poletimber Well	9.6	43	81-110	N/A	New stand added. This area was too young and left out of the adjacent older treatment.																																																							
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58	42110 - Planted Red Pine	Sapling Well	23.1	28	51-80	N/A	Thinned in 1988. Jack Pine strips removed as salvage sale in 1997 and was replanted in 1998. The stand now consists of only young red pine. Residual red pine are in separate strips. Regeneration survey results from 3/14/2002 show 833 red pine trees/acre and 450 volunteers per acre. Five acres of release work (FTP 41-892) was completed in 8/03. FTP is now closed.																																																							
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59	42141 - Planted Mixed Pine, Mixed Deciduous	Sapling Well	5.5	18	1-50	N/A	Planted red pine that grew into a mix of red pine, jack pine, and aspen. This was originally part of stand 67. Stand 67 was converted to a red pine seed tree orchard in 2023.																																																							
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60	42260 - Natural Pine, Mixed Deciduous	Sawtimber Well	6.2	85	81-110	N/A																																																								
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments	
62	42110 - Planted Red Pine	Sapling Well	53.1	25	51-80	N/A	3/14/2002 Regeneration survey results: 771 red pine trees/acre and 470 volunteers per acre. Release work to be done under FTP #41-8051/6/2004 Received completion for 10 total acres of release work was completed in 8/2003. FTP is closed. There are some scattered aspen pockets in the stand.	
Canopy Species		% Cover	Size Class	DBH	Age			
Red Pine		60	Sapling/Pole	4	25			
Jack Pine		30	Sapling/Pole	4				
Bigtooth Aspen		10	Sapling/Pole	4				
64	4130 - Aspen	Sapling Well	4.4	25	1-50	N/A		
Canopy Species		% Cover	Size Class	DBH	Age			
Bigtooth Aspen		100	Sapling/Pole	3	25			
65	42110 - Planted Red Pine	Sawtimber Well	2.6	78	51-80	N/A	The stand was one a J6/R6. The Jack Pine was cut out and replanted to R3 resulting in a storied mosaic, which may not be the best from a sphaeropsis stand point. The stand was cut as part of the 9-Mile Pine Sale #41-009-06. The stand was cut in the Spring of 2008. TCR date 6/22/2010. Some damage occurred in the sale area due to a poor equipment operator.	
Canopy Species		% Cover	Size Class	DBH	Age			
Bigtooth Aspen		5	Pole	7				
Jack Pine		5	Pole	8				
Red Pine		90	Log	14	78			
			Sub-Canopy Species	Density	Avg. Height	Size		
			Bigtooth Aspen	Medium	Variable	Sapling		
			Red Oak	Low	Variable	Sapling		
66	42110 - Planted Red Pine	Sapling Well	6.1	25	51-80	N/A	Stand was thinned in 1988. The jack pine strips were removed as part of a salvage sale in 1997 and was replanted in 1998. The stand now consists of only young red pine. Residual red pine are in separate stands. 3/14/2002: Regeneration survey results showed 833 red pine trees/acre and 450 volunteers per acres. Release work to be done as part of FTP #41892 1/6/2004: Completion report for 5 acres of release work on 8/2003. FTP is now closed.	
Canopy Species		% Cover	Size Class	DBH	Age			
Red Pine		80	Sapling/Pole	4	25			
Jack Pine		20	Sapling/Pole	4				
67	42110 - Planted Red Pine	Sapling Poor	40.5	18	Immature	N/A	Failed red pine plantation that was changed to a red pine seed orchard in 2023.	
Canopy Species		% Cover	Size Class	DBH	Age			
Red Pine		100	Sapling	4	18			
			Sub-Canopy Species	Density	Avg. Height	Size		
			Quaking Aspen	Medium	< 5 feet	Sapling		
68	4130 - Aspen	Poletimber Well	5.5	45	51-80	N/A	Stand has a small amount of mortality from the high water table which has since receded.	
Canopy Species		% Cover	Size Class	DBH	Age			
White Pine		10	Log/Pole	12				
Bigtooth Aspen		84	Pole	7	45			
Jack Pine		3	Pole	9				
Red Oak		3	Pole	9				
			Sub-Canopy Species	Density	Avg. Height	Size		
			White Pine	Medium	Variable	Sapling		
69	4133 - Aspen, Mixed Pine	Poletimber Well	9.8	34	51-80	N/A		
Canopy Species		% Cover	Size Class	DBH	Age			
White Pine		14	Log	14				
Bigtooth Aspen		70	Pole/Sapling	5	34			
Red Pine		8	Log	15				
Red Oak		8	Log/Pole	14				
			Sub-Canopy Species	Density	Avg. Height	Size		
			White Pine	Low	5 - 10 feet	Sapling		
			Red Oak	Low	Variable	Sapling		



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																					
70	123 - Other High Intensity Urban	Nonstocked	17.4		Unspecified	No	Highway US-2.																																					
72	42110 - Planted Red Pine	Sapling Well	20.4	32	141-170	N/A	The stand was planted with red pine under FTP C41-517. The completion report was dated July 1991. BA now averages 154.																																					
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73	42110 - Planted Red Pine	Sapling Well	6.4	19	Immature	N/A	Stand was cut in the spring of 2004 as the Salvage Jack Pine Sale. The stand is being converted to red pine under FTP C41-1119. Stand was trenched in the summer of 2004 with the Wyman Nursery Staff. 6/1/06: Stand was planted in 2005. 2006 regeneration check results 247 red pine. The site may need herbicides. It will be replanted in the spring of 2007. 5/12/07: Stand was replanted. Check regeneration in 2008. 4/22/08: Spring 2008 regeneration check results; 400 red pine, 120 jack pine. Check regeneration again in 2010. 8/25/08: Inmates cut hardwood competition to release red pine. Keep monitoring for future release work. 3/22/10: 2010 regeneration check (3rd year) results: 350 red pine, 245 jack pine, 6 white pine. Site referred to TMS for additional regeneration work. 6/11/12: Stand was re-planted in 2013. Check regen in 2013. 5/13/13: 400 red pine, 257 jack pine. 4/23/18: No further release work needed and FTP 1625 is closed.																																					
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Jack Pine	30	Sapling	3																																									
Red Maple	2	Sapling	2																																									
Black Cherry	3	Sapling	2																																									
75	500 - Water	Nonstocked	89.5		Unspecified	No	9 Mile Lake																																					
76	42110 - Planted Red Pine	Sapling Well	9.0	19	Immature	N/A																																						
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77	42111 - Planted Red Pine, Mixed Deciduous	Sawtimber Well	8.3	69	111-140	N/A	This stand was last thinned in 2008 as part of 9 Mile Pine 41-009-06.																																					
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78	3102 - Grass	Nonstocked	91.5	0	Unspecified	No	Stands flooded out from 9 mile lake during a period of high water. It's standing dead white pine, jack pine, aspen, and red pine.																																					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																							
79	42110 - Planted Red Pine	Sapling Well	84.0	24	Immature	N/A	The stand was cut in 1997/98 and 77 acres were planted in 1999. 3/14/2002: Regeneration survey results: 896 red pine tree/acre and 93 volunteers per acre. Release work still needs to be done under FTP#41-766 5/22/2006: A small portion of the stand was planted with inmates. 1 acre – 1000 red pine. 11/8/2006: 2007 regeneration check on a small planted piece: 466 red pine, 33 jack pine, 33 white pine. 4/24/2009: Release work done and not needed anymore. CLOSE FTP C41-766																																							
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Jack Pine	28	Sapling	4																																											
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80	42110 - Planted Red Pine	Sawtimber Well	59.5	70	111-140	N/A	This stand was thinned in 2018 as part of Never Say Pine Again 41-015-16.																																							
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82	4130 - Aspen	Poletimber Well	1.9	34	51-80	N/A																																								
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83	42110 - Planted Red Pine	Sawtimber Well	22.2	69	111-140	N/A	This stand was thinned as part of Never Say Pine Again 41-015-16.																																							
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84	4123 - Red Oak	Sawtimber Medium	8.8	87	1-50	N/A	Stand was cut in '18 as part of Never Say Pine Again 41-015-16. Red pine, white pine, and some oak was cut. A large portion of the oak regeneration is less than 5' tall although there are some areas of 20+' tall regeneration. There are pockets of 20+' aspen regeneration in the center of the stand. Think about entering in the next cycle of two in order to cut out the aspen regeneration when some of it reaches merchantability and then look at opening up more oak. Stand was planted through with red pine about 50 years ago but the red pine was stunted due to shade.																																							
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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85 4119 - Mixed Northern Hardwoods Poletimber Well 9.6 87 81-110 N/A This stand had blowdown damage from 1997, which was salvaged.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	5	Pole/Log	9		Ironwood	Medium	Variable	Sapling
White Pine	8	Log	12		White Pine	Trace	Variable	Sapling
Paper Birch	1	Pole	8		Sugar Maple	Medium	>20 feet	Sapling
Bigtooth Aspen	5	Pole/Log	9					
Beech	2	Pole	8					
Red Oak	20	Log	14					
Sugar Maple	59	Log	10	87				

87 4130 - Aspen Sapling Well 8.0 14 Immature N/A Stand was cut in 2010 as part of Thompson Plains R-O-W 41-027-06.

Canopy Species	% Cover	Size Class	DBH	Age
Black Cherry	3	Sapling	3	
Bigtooth Aspen	92	Sapling	3	14
White Pine	2	Log	16	
Red Pine	3	Log	16	

88 310 - Herbaceous Openland Nonstocked 9.9 Unspecified Managed Opening This finger was excluded from adjacent stand 38 and was not burned.

Sub-Canopy Species	Density	Avg. Height	Size
Red Oak	Low		Pole
Bigtooth Aspen	Low		Pole
Black Cherry	Low		Sapling
Red Pine	Low		Pole
White Pine	Low		Pole