

Compartment Review Presentation

Newberry Forest Management Unit

Compartment 42094

Entry Year: 2027

Acreage: 2,367

County: Luce

Management Area: Grand Marais Moraine Complex

Stand Examiner: Konner Russell

Legal Description:

T47N R12W Sections 18, 19, 30 and 31

Identified Planning Goals:

Timber management, wildlife habitat and recreation. Maintain the existing mixtures of forest cover types and enhance age class diversity through continued timber harvest and cultivation treatments.

Soil and topography:

Level to rolling sandy outwash plains (Danaher Plains).

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

The compartment is a solid block of state owned land surrounded by state owned land on the west, south and east.

Corporate and non-industrial private lands border the compartment to the north.

The compartment has primarily been managed for timber production, wildlife and recreation. The area is heavily used for blueberry picking.

Unique Natural Features:

Archeological, Historical, and Cultural Features:

None known at this time.

Special Management Designations or Considerations:

None.

Watershed and Fisheries Considerations:

Fisheries Values: None

Fisheries Concerns: A small drainage in the southeast corner of the compartment is labeled as a High Priority Trout stream. After investigating with the stand examiner it was determined that this section of High Priority Trout stream is marked in error and not a stream channel at all. Even under the highest of levels of runoff and water levels, this area would not experience flowing surface water. The stand examiner is working to have this error corrected to show accuracy in the layer. No other waterbodies exist in this compartment so Fisheries has no concerns at this time.

Wildlife Habitat Considerations:

Compartment 94 lies in central Luce county and is in the Grand Marais Moraine Complex Management Area. Currently, the area is predominately upland mixed deciduous sands, herbaceous openings and jack and red pine. Aspen is present in the northern part of the compartment. Stand diversity is fairly low overall. In this pine dominated landscape, retaining a variety of age and size classes and maintaining as much structural diversity as possible in managed stands will be important to achieving wildlife objectives. Retaining soft and hard mast producing species and uncommon species in harvests will provide food sources, nest and den trees, suitable raptor nest trees, and improve stand diversity. Large opening complexes will be maintained for the benefit of those species which use them. Wildlife species potentially using this compartment include white-tailed deer, ruffed grouse, black bear, coyote, sharp-tailed grouse and Kirtland's warbler. Featured species include Blackburnian warbler, black throated blue warbler, American marten, Kirtland's warbler, red crossbill, spruce grouse, ruffed grouse and white-tailed deer.

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 Collingwood and Utica shales and the Trenton and Black River formations subcrop below the glacial drift. The Trenton and Black River are quarried for limestone/dolomite in the UP. There are no gravel pits in the area, but there may be some potential. There is no economic oil and gas production in the UP.

Vehicle Access:

Primary access to the compartment is County Road 421 and/or County Road 422. They are routinely maintained by Luce

County Road Commission during the summer months. The Danaher Plains Road is another way to access the compartment from the west. There are several sandy tow tracks throughout the compartment.

Survey Needs:

none

Recreational Facilities and Opportunities:

Recreational facilities include snowmobile and ORV trails. Hunting, wildlife viewing, camping and blueberry picking opportunities also exist within the compartment.

Fire Protection:

The compartment has a good road system for suppression activities. Large fire potential is high in this area because of the jack pine fuel type. Scattered large openings may assist in suppression, but still allow fires to have very high rates of spread. Response time to this area is moderate to high. Private property surrounding the compartment could be at risk to damage from a wildfire. There has been prescribed burns in and near this compartment.

Additional Compartment Information:

The following reports from the Inventory are attached:

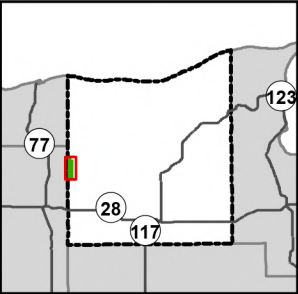
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

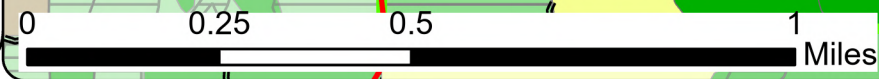
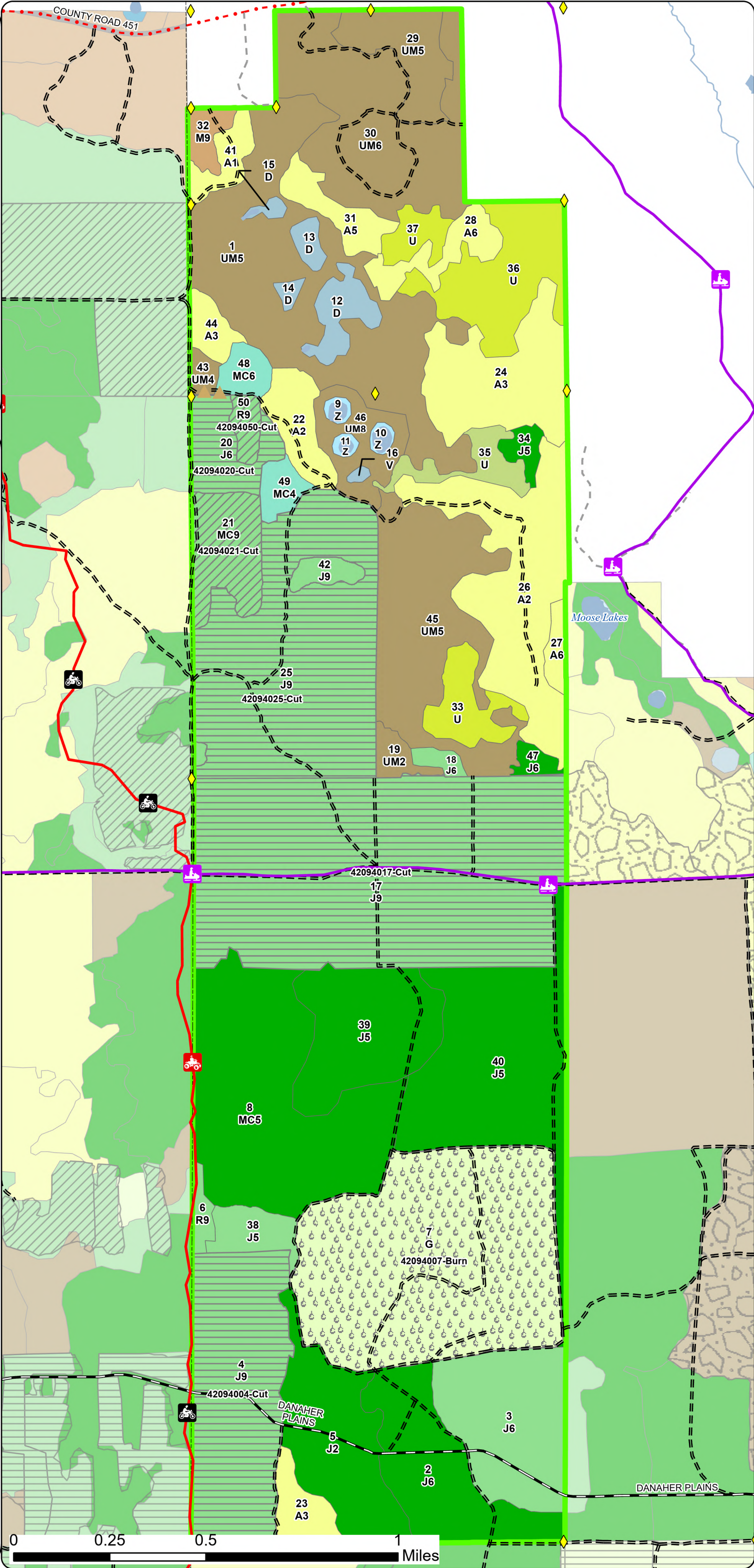
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

Compartment: 42094
T47N R12W 18, 19, 30, 31
County: Luce
Unit: Newberry
Mgmt. Area: Grand Marais Moraine Complex
YOE: 2027
Acres: 2,366.76 GIS Calculated
Examiner: Konner Russell
Date Exported: 08/19/2025
Map Phase: Web Post

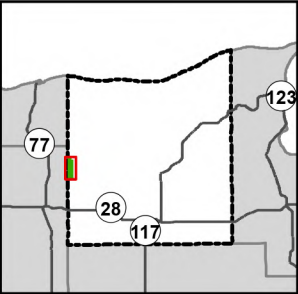


- Survey Grade Corners
- Berms
- Designated Snowmobile Trails
- Designated ATV Trails
- DNR - Primary Forest Road
- DNR - Forest Access Route
- County - Gravel Road
- Private - Dirt / Gravel Road
- Perennial River
- Lakes and Rivers
- Counties
- Compartment Boundary
- Clearcut
- Thinning
- Prescribed Burn
- Clearcut
- Thinning
- Monitoring - Regeneration
- 411 - Northern Hardwood
- 413 - Aspen
- 421 - Planted Pines
- 422 - Natural Pines
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 500 - Water
- 310 - Herbaceous Openland
- 320 - Upland Shrub
- 330 - Low Density Trees
- 622 - Lowland Shrub

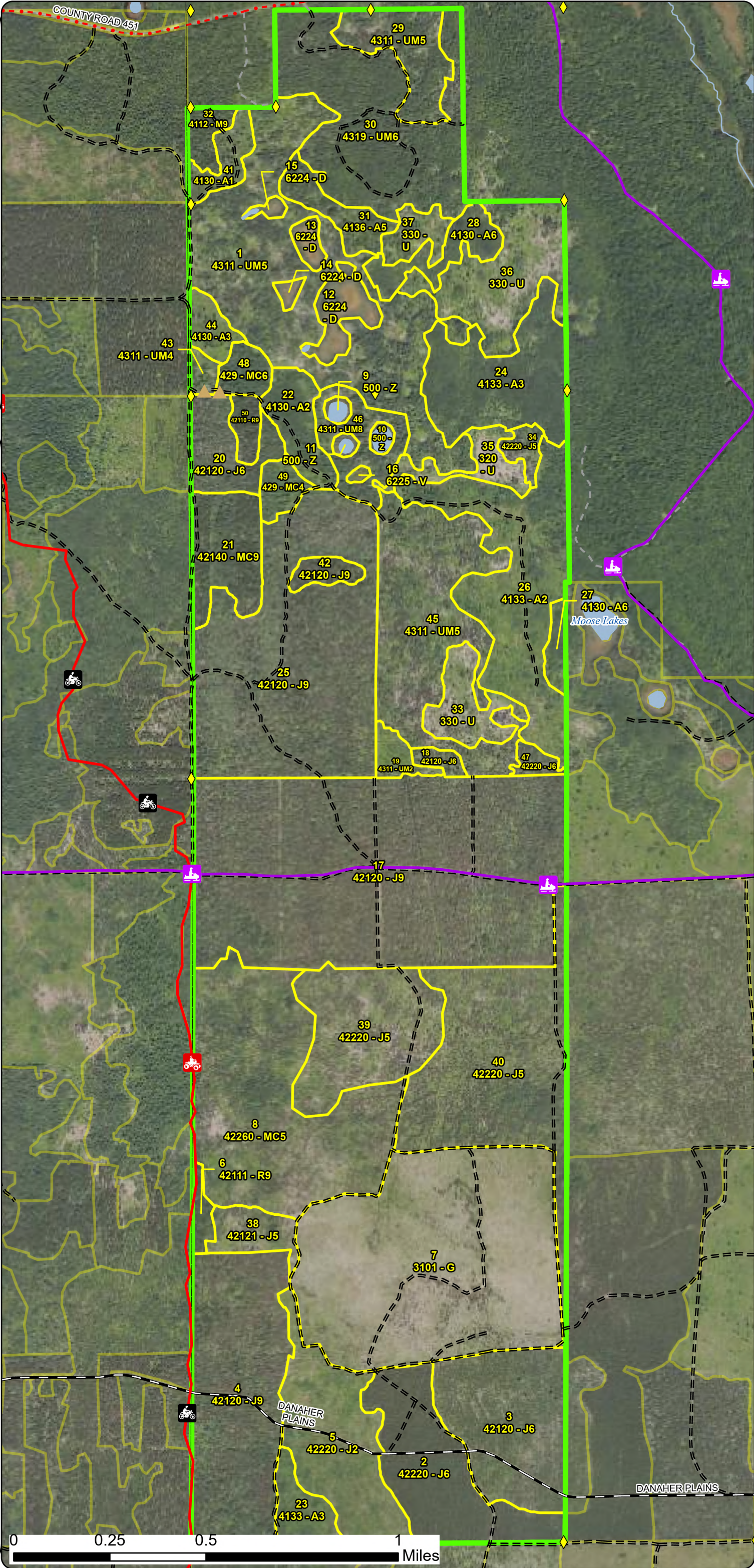


Stand Boundary
Map

Compartment: 42094
T47N R12W 18, 19, 30, 31
County: Luce
Unit: Newberry
Mgmt. Area: Grand Marais Moraine
Complex
YOE: 2027
Acres: 2,366.76 GIS Calculated
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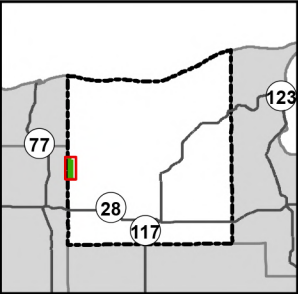


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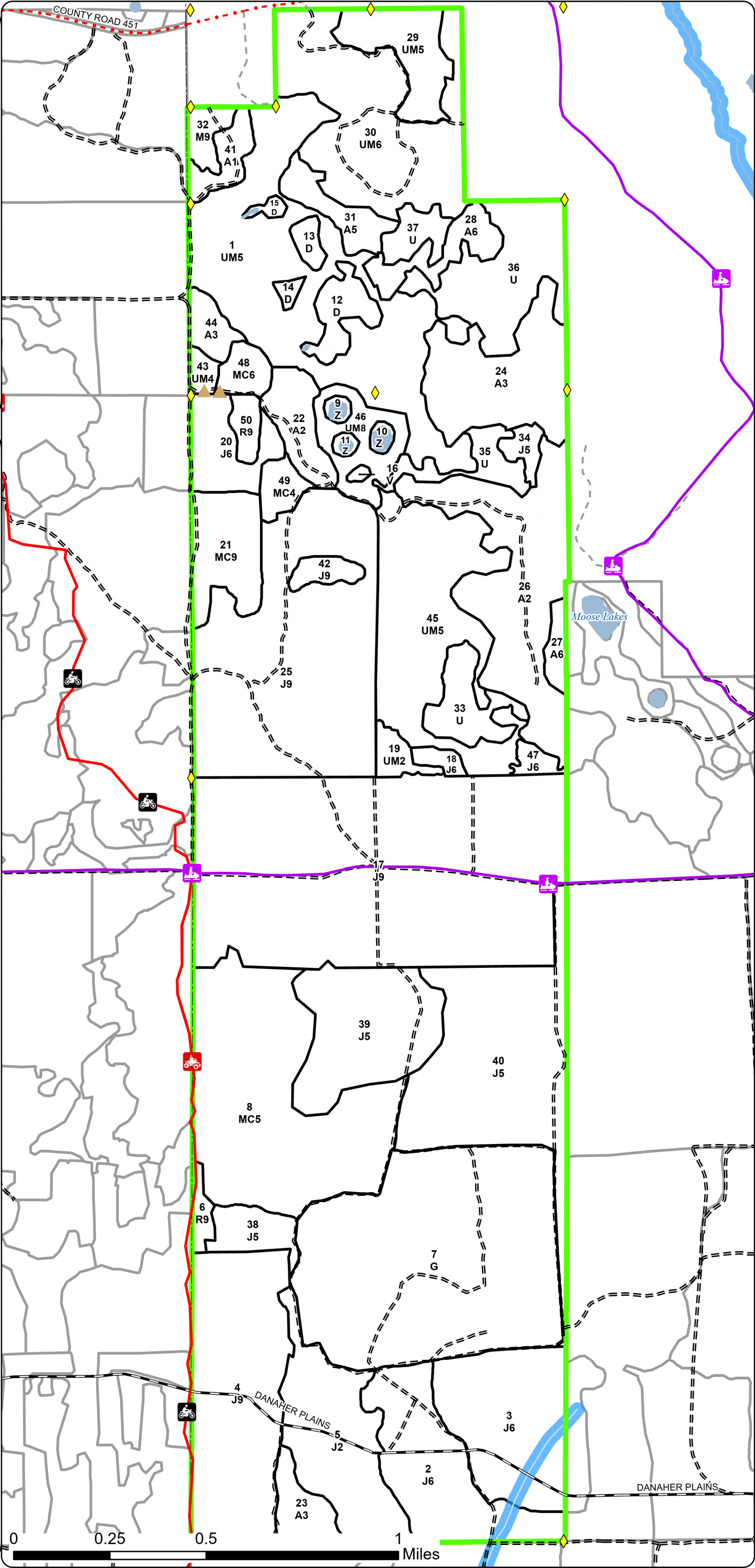


Special Conservation Areas
& Site Conditions Map

Compartment: 42094
T47N R12W 18, 19, 30, 31
County: Luce
Unit: Newberry
Mgmt. Area: Grand Marais Moraine
Complex
YOE: 2027
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- Survey Grade Corners
- Berms
- Designated Snowmobile Trails
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- DNR - Primary Forest Road
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- County - Gravel Road
- Private - Dirt / Gravel Road
- Perennial River
- Lakes and Rivers
- Counties
- Compartment Boundary
- Stand Boundaries
- Cold Water Streams
- High Priority Trout Stream Buffer



Report 1 – Total Acres by Cover Type and Age Class

Compartment 94 Year of Entry 2027

	Age Class																		Total
	Non-Forest	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150+	Unseen-Aged	
Aspen	0	24	136	83	7	0	18	0	0	0	0	0	0	0	0	0	0	0	266
Bog	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Herbaceous Openland	217	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	217
Jack Pine	0	0	70	76	266	0	644	21	0	0	0	0	0	0	0	0	0	0	1077
Low-Density Trees	90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	90
Natural Mixed Pines	0	0	0	0	153	0	0	0	0	0	0	0	0	0	0	0	0	0	153
Northern Hardwood	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	9
Planted Mixed Pines	0	0	0	0	0	0	0	0	35	0	0	0	0	0	0	0	0	0	35
Red Pine	0	0	0	0	0	0	0	6	8	0	0	0	0	0	0	0	0	0	14
Treed Bog	26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26
Upland Conifers	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	10	20
Upland Mixed Forest	0	0	8	0	0	143	101	0	0	24	0	0	0	0	0	0	0	159	435
Upland Shrub	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
Water	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
Total	357	24	214	159	426	153	763	27	43	24	0	0	0	0	0	0	0	178	2366

Report 2 – Treatment Summary

Newberry Mgt. Unit
Year of Entry: 2027

Acres of Harvest

Compartment 94
Total Compartment Acres: 2,367

Commercial Harvest - 5964
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	Oversory Removal	Salvage	Other	Total Acres
Jack Pine	628	0	0	0	0	0	0	0	0	628
Planted Mixed Pines	0	0	0	0	0	35	0	0	0	35
Red Pine	0	0	0	0	0	8	0	0	0	8
Total	628	0	0	0	0	43	0	0	0	671

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	671	0	0	0	217	0	0	0	0	887
Next Step	0	1105	1631	0	0	1019	1579	0	0	5513
Total	671	1105	1631	0	217	1019	1579	0	0	6400

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

4	42094004-Cut	115.4	42120 - Planted Jack Pine	9	54	81-110	Harvest	Clearcut	4212 - Planted Jack Pine	Cutting Record	No
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Prescription Clearcut with Retention. Remove all species. Leave 1-2 Red or white pine per acre where present in the stand. Leave all oak if present.
Specs: Plant stand for Jack pine. Leave all aspen 12-inches or larger.

Next Step Monitoring, Natural Regen (Intermediate); SitePrep, Trenching; Planting, Trenched Plant; Planting, Unfurrowed; Monitoring, Artificial
Treatments: Regen; Monitoring, Artificial Regen; Planting, Trenched Supplemental Plant; Planting, Interplant

Acceptable Jack Pine
Regen:

Other Stand showing signs of mortality in the jack pine.
Comment:

Site Condition:

Proposed Start Date: 10/01/2026

7	42094007-Burn	216.7	3101 - Poverty Grass, Cladonia	99		Unspecified	Burn	Prescribed Burn	310 - Herbaceous Openland	Previous Inventory	No
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Prescription Maintain opening with prescribed fire to enhance berry production and prevent opening from filling in for Sharp Tailed Grouse. Site identified
Specs: by MNFI. May have potential funding. Site was previously burned in the 90's.

Next Step Monitoring, Natural Regen (Re-Inventory)
Treatments:

Acceptable
Regen:

Other
Comment:

Site Condition:

Proposed Start Date: 10/01/2026

17	42094017-Cut	302.9	42120 - Planted Jack Pine	9	56	1-50	Harvest	Clearcut	4212 - Planted Jack Pine	Planting Record	No
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Prescription Clearcut all species and keep 3-5% retention in pockets with red and white pine with if possible. Keep retention around edge where possible
Specs: for reforestation activities to occur. Leave 1-2 non pine species per acre and large aspen as they exist.

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

Acceptable Planted Jack Pine
Regen:

Other
Comment:

Site Condition:

Proposed Start Date: 10/01/2026

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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
18 42094018-Cut	4.6	42120 - Planted Jack Pine	6	61	81-110	Harvest	Clearcut	4319 - Mixed Upland Forest	Planting Record	No
<u>Prescription</u> Clearcut all species, no retention due to small acreage. <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> Planted red pine <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										
20 42094020-Cut	26.1	42120 - Planted Jack Pine	6	58	111-140	Harvest	Clearcut	4211 - Planted Red Pine	Planting Record	No
<u>Prescription</u> Clearcut with retention. Pocket retention east of stand 50 to include white pine, aspen and non-pine species. <u>Specs:</u> <u>Next Step</u> SitePrep, Scarification; Monitoring, Natural Regen (Intermediate); Monitoring, Natural Regen (Intermediate); Planting, Interplant <u>Treatments:</u> <u>Acceptable</u> red pine <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										
21 42094021-Cut	34.9	42140 - Planted Mixed Pine	9	71	141-170	Harvest	Thinning	4211 - Planted Red Pine	Planting Record	No
<u>Prescription</u> Cut all jack pine. Thin the remainder of the stand to 90-100 BA. Try to promote nicer log-sized red pine. leave large white pine larger than 24 inches. <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> Planted red pine <u>Regen:</u> <u>Other</u> Jack pine starting to deteriorate. East and west side of the stand have mostly red pine. <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										
25 42094025-Cut	179.0	42120 - Planted Jack Pine	9	56	81-110	Harvest	Clearcut	4211 - Planted Red Pine	Planting Record	No
<u>Prescription</u> Clearcut with retention. Leave 1-2 red pine per acre where present. 1 retention pockets delineated within the treatment. Leave aspen, oak and white pine in the red line. <u>Specs:</u> <u>Next Step</u> SitePrep, Roller Chopping; SitePrep, Trenching; Pesticide, Skidder - Site Prep; Pesticide, Aerial - Site Prep; Planting, Trenched Plant; <u>Treatments:</u> Planting, Unfurrowed; Monitoring, Artificial Regen; Monitoring, Artificial Regen; Planting, Interplant <u>Acceptable</u> Red pine, jack pine, white pine <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										

Standard

Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
50 42094050-Cut	7.6	42110 - Planted Red Pine	9	71	111-140	Harvest	Thinning	42110 - Planted Red Pine	Planting Record	No
<u>Prescription</u> Thin down to 90 to 110 BA. Cut all Jack pine. Focus on red maple, aspen, doubles, triples, and suppressed trees.										
<u>Specs:</u>										
<u>Next Step</u>										
<u>Treatments:</u>										
<u>Acceptable</u> red pine										
<u>Regen:</u>										
<u>Other</u> Jack pine is deteriorating.										
<u>Comment:</u>										
<u>Site Condition:</u>										
<u>Proposed Start Date:</u> 10/01/2026										

Total Treatment 887.2
Acreage Proposed:



Availability for Management

Total Acres Acres Available Acres With Condition Acres Not Available

Dominant Site Conditions
5C

266	266	0	0	Aspen	
1	1	0	0	Bog	
217	217	0	0	Herbaceous Openland	
1078	1061	16	0	Jack Pine	16
90	90	0	0	Low-Density Trees	
153	153	0	0	Natural Mixed Pines	
9	9	0	0	Northern Hardwood	
35	35	0	0	Planted Mixed Pines	
14	8	6	0	Red Pine	6
26	26	0	0	Treed Bog	
20	20	0	0	Upland Conifers	
434	410	24	0	Upland Mixed Forest	24
16	16	0	0	Upland Shrub	
7	7	0	0	Water	
2,367	2,320	47		Total Forested Acres	47
	98%	2%	0%	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	5C: Delay treatment for age/size class diversity or exceptional site quality	6	Unspecified	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Treat with adjacent stand to the south.								
2	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	16	Unspecified	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Sparsely stocked. Harvest next entry with adjacent stand.								

Report 4 – Site Conditions



3	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	24	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Harvest when doing adjacent stands.							
4	Unavailable	5E: Long-Term Retention	1	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

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																																				
1	4311 - Pine, Aspen Mix	Poletimber Medium	154.3	65	51-80	N/A	Rolling terrain. Variable species composition and density, with open areas throughout.																																																																				
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>White Pine</td><td>20</td><td></td><td>9</td><td>65</td></tr><tr><td>Red Maple</td><td>15</td><td></td><td>8</td><td></td></tr><tr><td>Red Pine</td><td>5</td><td></td><td>10</td><td></td></tr><tr><td>Quaking Aspen</td><td>15</td><td>Sapling</td><td>7</td><td></td></tr><tr><td>Jack Pine</td><td>20</td><td>Sapling</td><td>7</td><td></td></tr><tr><td>White Spruce</td><td>10</td><td></td><td>8</td><td></td></tr><tr><td>Paper Birch</td><td>5</td><td></td><td>8</td><td></td></tr><tr><td>Bigtooth Aspen</td><td>10</td><td></td><td>8</td><td></td></tr></table>			Canopy Species	% Cover	Size Class	DBH	Age	White Pine	20		9	65	Red Maple	15		8		Red Pine	5		10		Quaking Aspen	15	Sapling	7		Jack Pine	20	Sapling	7		White Spruce	10		8		Paper Birch	5		8		Bigtooth Aspen	10		8		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Pin Cherry</td><td>Low</td><td>Variable</td><td>Variable</td></tr><tr><td>White Pine</td><td>Low</td><td>Variable</td><td>Variable</td></tr><tr><td>Quaking Aspen</td><td>Low</td><td>Variable</td><td>Variable</td></tr><tr><td>Serviceberry (Juneberry)</td><td>Low</td><td>Variable</td><td>Variable</td></tr><tr><td>Jack Pine</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>				Sub-Canopy Species	Density	Avg. Height	Size	Pin Cherry	Low	Variable	Variable	White Pine	Low	Variable	Variable	Quaking Aspen	Low	Variable	Variable	Serviceberry (Juneberry)	Low	Variable	Variable	Jack Pine	Low	5 - 10 feet	5 - 10 feet
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Jack Pine	Low	5 - 10 feet	5 - 10 feet																																																																								
2	42220 - Natural Jack Pine	Poletimber Well	70.3	32	81-110	N/A	(2024) Dense JP. Mostly pole sized now with quite a few sapling sized mixed in.																																																																				
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Jack Pine</td><td>98</td><td>Sapling</td><td>5</td><td>32</td></tr><tr><td>Black Cherry</td><td>2</td><td>Log</td><td>4</td><td></td></tr></table>			Canopy Species	% Cover	Size Class	DBH	Age	Jack Pine	98	Sapling	5	32	Black Cherry	2	Log	4		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Blueberry/Bilberry/Cranberry</td><td>High</td><td>< 5 feet</td><td>< 5 feet</td></tr></table>				Sub-Canopy Species	Density	Avg. Height	Size	Blueberry/Bilberry/Cranberry	High	< 5 feet	< 5 feet	(Old Comments)Dense JP. Scarified in 1993. TS#42-030-91-01.																																													
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Blueberry/Bilberry/Cranberry	High	< 5 feet	< 5 feet																																																																								
3	42120 - Planted Jack Pine	Poletimber Well	76.3	23	51-80	N/A	(2024) Scattered openings throughout.																																																																				
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4	42120 - Planted Jack Pine	Sawtimber Well	115.4	54	81-110	N/A	JP was planted in 1971-73 into the RP planted in 1956. Scattered WP, aspen and red maple. Jack pine is showing signs of mortality throughout stand.																																																																				
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5	42220 - Natural Jack Pine	Sapling Medium	70.0	16	Immature	N/A	(2024) Large WP scattered.																																																																				
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Stand	Level 4 Cover Type	Size	Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																															
6	42111 - Planted Red Pine, Mixed Deciduous	Sawtimber Well	6.4	69	81-110	N/A	Variable BA (70-150).	ORV trail is within the stand.																																															
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7	3101 - Poverty Grass, Cladonia	None	216.7	Unspecified	Yes	(2024) Cherry scattered and low density ground cover.																																																	
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8	42260 - Natural Pine, Mixed Deciduous	Poletimber Medium	153.4	34	1-50	N/A	Harvested in 1990 (TS#011-89) and roller chopped in 1991 (FTP #W42-270). ORV trail on west edge of stand. Aspen clones scattered throughout. Rolling terrain.																																																
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9	500 - Water	None	2.5	Unspecified	No	pothole pond																																																	
10	500 - Water	None	2.7	Unspecified	No	pothole pond																																																	
11	500 - Water	None	2.1	Unspecified	No	pothole pond and surrounding bog																																																	
12	6224 - Treed Bog	None	16.0	Unspecified	No	Pothole bog with spruce around the edges. Surrounded by upland.																																																	
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13	6224 - Treed Bog	None	5.2	Unspecified	No	Pothole bog with spruce around the edges. Surrounded by upland.																																																	
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
14	6224 - Treed Bog	None	2.4	Unspecified	No		Pothole bog with spruce around the edges. Surrounded by upland.
15	6224 - Treed Bog	None	2.4	Unspecified	No		Pothole bog with spruce around the edges. Surrounded by upland.
16	6225 - Bog	None	1.2	Unspecified	No		Small bog surrounded by upland.
17	42120 - Planted Jack Pine	Sawtimber Well	302.9	56	1-50	N/A	(2024) Stand split off of 25. Jack pine is starting to deteriorate and needs to be treated. BA would have been much higher without die off. Some nice Red pine scattered from the previous planting. (Old comments) Mostly JP planted in 1969-1971, with some RP planted in 1956.
18	42120 - Planted Jack Pine	Poletimber Well	4.6	61	81-110	N/A	Some larger JP dying. Young growth is sparse.
19	4311 - Pine, Aspen Mix	Sapling Medium	8.1	16	Immature	N/A	(2024) Openings with smaller conifers filling in. (Old comments) Tsale #001-07-01, completed in 2009. Now fully stocked.

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																				
20	42120 - Planted Jack Pine	Poletimber Well	26.1	58	111-140	N/A	Quite a few dead tops to the jack pine, showing deterioration. Log sized red pine in good shape. Planted jack pine with areas of planted red pine.																																																				
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Jack Pine</td><td>80</td><td></td><td>9</td><td>58</td></tr><tr><td>Red Pine</td><td>10</td><td></td><td>12</td><td></td></tr><tr><td>White Pine</td><td>5</td><td>Sapling</td><td>5</td><td></td></tr><tr><td>Quaking Aspen</td><td>5</td><td>Seedling</td><td>6</td><td></td></tr></table>			Canopy Species	% Cover	Size Class	DBH		Age	Jack Pine	80		9	58	Red Pine	10		12		White Pine	5	Sapling	5		Quaking Aspen	5	Seedling	6		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Beech</td><td>Low</td><td>< 5 feet</td><td>< 5 feet</td></tr><tr><td>Balsam Fir</td><td>Trace</td><td>< 5 feet</td><td>< 5 feet</td></tr><tr><td>White Pine</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Red Maple</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Black Cherry</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Red Pine</td><td>Trace</td><td>< 5 feet</td><td>< 5 feet</td></tr></table>			Sub-Canopy Species	Density	Avg. Height	Size	Beech	Low	< 5 feet	< 5 feet	Balsam Fir	Trace	< 5 feet	< 5 feet	White Pine	Low	5 - 10 feet	5 - 10 feet	Red Maple	Low	5 - 10 feet	5 - 10 feet	Black Cherry	Low	5 - 10 feet	5 - 10 feet	Red Pine	Trace	< 5 feet	< 5 feet
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21	42140 - Planted Mixed Pine	Sawtimber Well	34.9	71	141-170	N/A	Red pine planted in 1956, with some jack pine planted in 1969. Patches of aspen and white pine.																																																				
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22	4130 - Aspen	Sapling Medium	21.6	16	Immature	N/A	(2024) Stands 48 and 49 separated from 22. Young aspen regen with residual WP. (Old Comments) Cut in 2009 with tsale #002-07-01. Residual whit pine and red pine, especially in the northwest.																																																				
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23	4133 - Aspen, Mixed Pine	Sapling Well	16.6	16	Immature	N/A	Scattered log/pole WP. TS#42-003-07-01 complete in 10/15/09. Fully regenerated to aspen with other species mixed in.																																																				
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																																		
24	4133 - Aspen, Mixed Pine	Sapling Well	63.3	27	Immature	N/A	(2024) Well mixed with various sizes.																																																																		
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26	4133 - Aspen, Mixed Pine	Sapling Medium	97.7	16	Immature	N/A	(2024) Scattered L and XL WP. Pocket of L JP and Aspen.(Old Comments) Harvested in 2009 (TS#001-07-01). Scattered residual trees.																																																																		
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27	4130 - Aspen	Poletimber Well	7.0	33	81-110	N/A	Cut with tsale #008-92.																																																																		
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28	4130 - Aspen	Poletimber Well	19.2	25	1-50	N/A	Cut in 2000 (TS#420359701).																																																																																																												
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29	4311 - Pine, Aspen Mix	Poletimber Medium	31.5	45	1-50	N/A	XL WP scattered.																																																																																																												
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30	4319 - Mixed Upland Forest	Poletimber Well	110.9	47	81-110	N/A	XL WP scattered. Dense Canopy quite a bit of non-merchantable trees.																																																																																																												
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
36	330 - Low-Density Trees	None	56.0		Unspecified	No	(2024) Clumps of trees; Scattered trees in openings(Old Comments) Open area slowly filling in with scattered clumps of trees.
37	330 - Low-Density Trees	None	11.8			No	Old open area that is filling in with trees. Old pine stumps.
38	42121 - Planted Jack Pine, Mixed Deciduous	Poletimber Medium	16.2	69	1-50	N/A	Trees growing in clumps with open areas between.
39	42220 - Natural Jack Pine	Poletimber Medium	70.2	37	1-50	N/A	(2024) Variable sized JP. (Old comments) Open areas scattered throughout. Old pine stumps.

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments						
40	42220 - Natural Jack Pine	Poletimber Medium	125.9	34	51-80	N/A	(2024) Many openings; poorly stocked understory.						
<div>(Old comment) Harvested in 1989 (TS#030-88) and roller chopped in 1991.</div>													
								Canopy Species	% Cover	Size Class	DBH	Age	
								Red Maple	5	Log	4		
								Quaking Aspen	10	Pole	4		
								White Pine	5	Seedling	8		
								Jack Pine	70	Pole	4	34	
Red Pine	10	Log	3										
41	4130 - Aspen	Sapling Poor	12.9	7	Immature	N/A	(2024) Acceptable regeneration with few open pockets. Fully stocked.						
<div>(Old notes) Hilly. Clearcut in 2018 as part of Windward Painter, #032-17. White pine >18" left standing, as well as hemlock or oak (if present).</div>													
								Canopy Species	% Cover	Size Class	DBH	Age	
								Balsam Fir	6	Log	3		
								Red Pine	2	Log	2		
								Quaking Aspen	75	Log	2	7	
								White Spruce	2	Log	3		
								Black Cherry	7	Log	2		
								White Pine	4	Log	2		
								Red Maple	4	Log	2		
42	42120 - Planted Jack Pine	Sawtimber Well	7.6	56	81-110	N/A	(2024) Jack pine is starting to deteriorate and should be treated. Red pine is scattered from old planting and in good shape. (Old comments) Mostly JP planted in 1969-1971, with some RP planted in 1956.						
<div></div>					Sub-Canopy Species	Density	Avg. Height	Size					
					Jack Pine	70		9	56	Beech	Low	Variable	Variable
					Bigtooth Aspen	5		12		Black Cherry	Trace	Variable	Variable
					Red Pine	20		13		Jack Pine	Trace	< 5 feet	< 5 feet
					White Pine	5		8		Balsam Fir	Trace	Variable	Variable
										Red Pine	Trace	< 5 feet	< 5 feet
										White Pine	Low	Variable	Variable
					43	4311 - Pine, Aspen Mix	Poletimber Poor	4.9	47	1-50	N/A	Larger scattered Red Maple; Mostly WP; Many small openings-great for WLD use	
<div></div>													
								Canopy Species	% Cover	Size Class	DBH	Age	
								Red Maple	15		10		
								Black Cherry	10	Seedling	8		
								Jack Pine	5	Seedling	8		
								Quaking Aspen	20	Seedling	8		
White Pine	50		12	47									

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments				
44	4130 - Aspen	Sapling Well	10.5	7	Immature	N/A	(2024) Great regeneration with few open spots. Fully stocked.				
Canopy Species		% Cover	Size Class	DBH	Age	(Old comments) Clearcut in 2018 as part of Windward Painter, #032-17. White pine >24" left standing.					
White Pine		5		20							
Jack Pine		2	Log	2							
Black Cherry		10	Log	2							
Red Maple		5	Log	2							
Red Pine		3	Log	3							
Balsam Fir		5	Log	2							
Quaking Aspen		70	Log	2	7						
45	4311 - Pine, Aspen Mix	Poletimber Medium	100.7	55	1-50	N/A	(2024) Fairly low BA. Sub-canopy coming up nicely.				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	(Old comments) Areas of JP and areas of aspen interspersed with small openings. Aspen clones of varying ages. Some JP patches are in planted rows, though much is natural.	
Jack Pine		30		8	55	Red Maple	Low	5 - 10 feet	5 - 10 feet		
White Pine		25		12		Quaking Aspen	Low	5 - 10 feet	5 - 10 feet		
Quaking Aspen		10		7		Black Cherry	Low	Variable	Variable		
Black Cherry		5		7		Jack Pine	Low	5 - 10 feet	5 - 10 feet		
Bigtooth Aspen		25		8		Bigtooth Aspen	Medium	5 - 10 feet	5 - 10 feet		
Paper Birch		2	Seedling	8		Beech	Trace	< 5 feet	< 5 feet		
Red Maple		3		7		White Pine	Medium	Variable	Variable		
46	4311 - Pine, Aspen Mix	Sawtimber Medium	24.0	85	51-80	N/A	The stand slopes down to the small bog/pothole lakes. Mix of tree species with variable density.				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size		
Quaking Aspen		15		8		Black Cherry	Low	>20 feet	>20 feet		
Jack Pine		5		8		Quaking Aspen	Medium	10 - 20 feet	10 - 20 feet		
Paper Birch		10		8		White Pine	Medium	Variable	Variable		
Red Maple		15		7		Red Maple	Low	Variable	Variable		
White Pine		40		10	85	Serviceberry (Juneberry)	Medium	>20 feet	>20 feet		
White Spruce		5	Sapling	6							
Bigtooth Aspen		10		8							
47	42220 - Natural Jack Pine	Poletimber Well	5.1	59	51-80	N/A	(2024) Some JP dying				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	(Old comments) Variable density. Contains both planted and natural JP.	
Jack Pine		80		8	59	Black Cherry	Low	5 - 10 feet	5 - 10 feet		
Red Pine		5		9		Bigtooth Aspen	Low	< 5 feet	< 5 feet		
Red Maple		5		10		Jack Pine	Low	5 - 10 feet	5 - 10 feet		
Quaking Aspen		5	Sapling	6		White Pine	Trace	5 - 10 feet	5 - 10 feet		
Bigtooth Aspen		5		12							

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																									
48	429 - Mixed Upland Conifers	Poletimber Well	10.1	90	51-80	N/A	Many L and XL WP scattered. Sub canopy is coming in nicely.																																																									
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49	429 - Mixed Upland Conifers	Poletimber Poor	9.7	42	1-50	N/A	(2024) New stand off of stand 22. Small openings scattered with patches of WP and aspen.																																																									
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50	42110 - Planted Red Pine	Sawtimber Well	7.6	71	111-140	N/A	Most of the red pine is planted. Healthy log and large pole size RP. Most of the jack pine is ok, but some are dying.																																																									
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