

Compartment Review Presentation

Newberry Forest Management Unit

Compartment 42012

Entry Year: 2026

Acreage: 2,005

County: Luce

Management Area: Grand Marais Moraine Complex

Stand Examiner: Matt Payment

Legal Description:

T49N, R11W, Sec. 7-9; T49N, R12W, Sec. 12

Identified Planning Goals:

Enhance age class diversity and forest health within the jack pine and red pine/white pine types through proper management, while providing for wildlife habitat and recreational opportunities.

Soil and topography:

The majority of the compartment is comprised of Rubicon sand, with a dabbling of Croswell sand and Croswell-Au Gres sands on outwash plains. The little bit of poorly drained ground is comprised Kinross-Au Gres complex; Dawson, Greenwood, and Loxley soils; and Spot peat on depressions and bogs. The topography is flat to rolling with steep east-west escarpments. The southwestern portion of the compartment has the most relief including many steep slopes, gullies and depressions.

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

With the exception of a private 40 on the eastern edge of Section 9 and another directly to the east in Section 10 of neighboring Compartment 17, Compartment 12 lies within a large block of state-owned land. It is situated between Muskallonge Lake and the Blind Sucker Flooding, and the north boundary of the compartment is one mile south of Lake Superior.

Unique Natural Features:

No Unique Natural Features known.

Archeological, Historical, and Cultural Features:

No Archeological, Historical, or Cultural Features known.

Special Management Designations or Considerations:

None noted.

Watershed and Fisheries Considerations:

This compartment contains Ready, Schaaf, and Snowplow lakes. Ready Lake has become primarily a car-topper/carry-in fishery that is limited to a few yellow perch. Site conditions for BMPs have been applied to the area around the lakes. No treatments are near any of the listed lakes in this compartment, so Fisheries has no concerns.

Wildlife Habitat Considerations:

Compartment 12 lies in the far northern portion of Luce county and is in the Grand Marais Moraine Complex Management Area. The vegetation is primarily red and jack pine with some mixed deciduous and aspen scattered throughout the compartment. Overall, pre-settlement vegetation patterns appear to have been similar to the current landscape of this compartment. In a predominantly pine forested ecosystem, maintaining a variety of age and size classes and maintaining as much structural and species diversity as possible in managed stands will be important to achieving wildlife objectives. For example, retaining soft and hard mast producing species and mixed pine species pine will provide food sources, nest and den trees, and improve stand diversity. Wildlife species potentially using this compartment include white-tailed deer, black bear, marten, spruce grouse, and snowshoe hare.

Mineral Resource and Development Concerns and/or Restrictions

No known potential exists for commercial oil & gas production in this part of the state, and there is no known potential for occurrences of commercial deposits of metallic or critical minerals in this area. The nearest known active sand/gravel pit is nearly five miles southeast. There may be some potential for sand (and perhaps limited amounts of gravel) within the compartment on the uplands, but the compartment might be too far from populated areas (commercial markets) for any aggregate resources present to have much economic value beyond limited use by the county road commission, logging companies, or DNR for local road maintenance. No current State mineral leasing activity exists in the area.

Vehicle Access:

Vehicle access is good throughout the compartment. County Road 410 borders the western edge. County Road 407 is less than a mile to the north. An east-west fire lane borders the northern edge. Seven Mile Fire Land borders the southern edge, while County Road 410 is a mile to the south. Many two-tracks and old fire lanes criss-cross the area. The old north-south fire lanes are best accessed from either end and avoiding the escarpment climbs. Travelling from south to north is doable.

Survey Needs:

None at this time.

Recreational Facilities and Opportunities:

While there are no developed camping facilities available within the compartment, the area receives considerable use. In addition to hunting and fishing opportunities, Pine Ridge ORV Trail, which connects to the Two Heart ORV Trail, cuts across the eastern and western portions of the compartment, and the firelines are used by off-roaders wanting to take a break from the trail. Other uses are hiking, berry picking, wildlife viewing and snowmobiling. Developed camping areas found in nearby compartments include: Muskallonge Lake State Park, Lake Superior State Forest Campground, and the two Blind Sucker State Forest Campgrounds.

Fire Protection:

Mixture of conifer and hardwood types reduces the potential for very large fire runs. The intermixed lowland areas may complicate fire fighting efforts in those areas. Trail road network provides for decent access for fire suppression.

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: 42012
T49N, R11W, Sec: 7-9
County: Luce
Unit: Newberry
Mgmt. Area: Grand Marais Moraine Complex
YOE: 2026
Acres: 2,005 GIS Calculated
Examiner: Matt Payment
Date Exported: 6/24/2025
Map Phase: Post Review



0 0.5 1 Miles

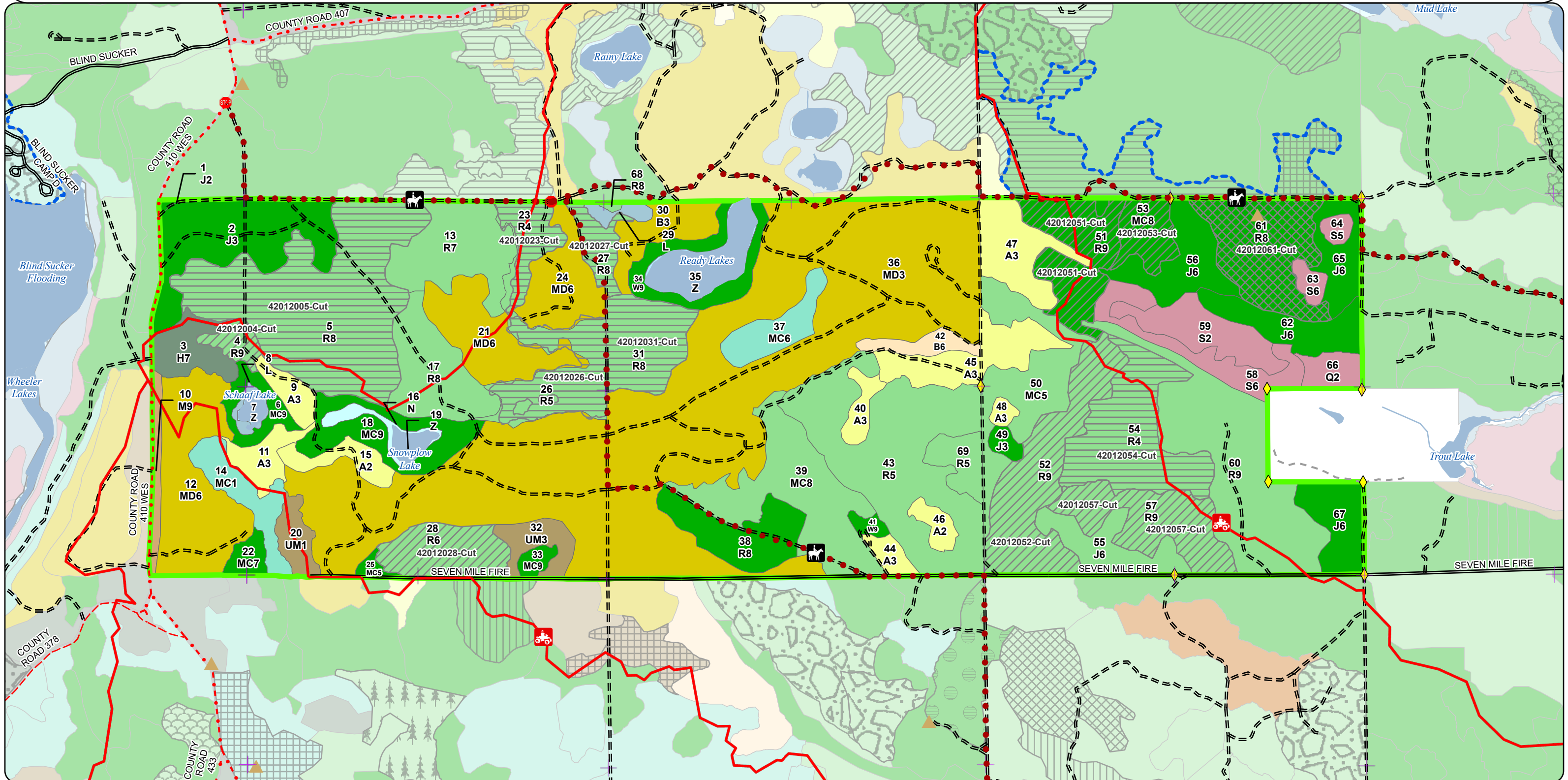
- Remonumented Section Corners
- Survey Grade Corners
- Berms
- Sign
- Designated Equestrian Trails
- Designated ATV Trails

- DNR - Secondary Forest Road
- DNR - Forest Access Route
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- Perennial River
- Lakes and Rivers

- Counties
- Compartment Boundary
- Clearcut
- Selection
- Thinning
- Treatments with Site Conditions
- 411 - Northern Hardwood

- 413 - Aspen
- 414 - Other Upland Deciduous
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers

- 430 - Upland Mixed Forest
- 500 - Water
- 612 - Lowland Coniferous Forest
- 622 - Lowland Shrub
- 623 - Emergent Wetland



Stand Boundary Map

Compartment: 42012
T49N, R11W, Sec: 7-9
County: Luce
Unit: Newberry
Mgmt. Area: Grand Marais Moraine Complex
YOE: 2026
Acres: 2,005 GIS Calculated
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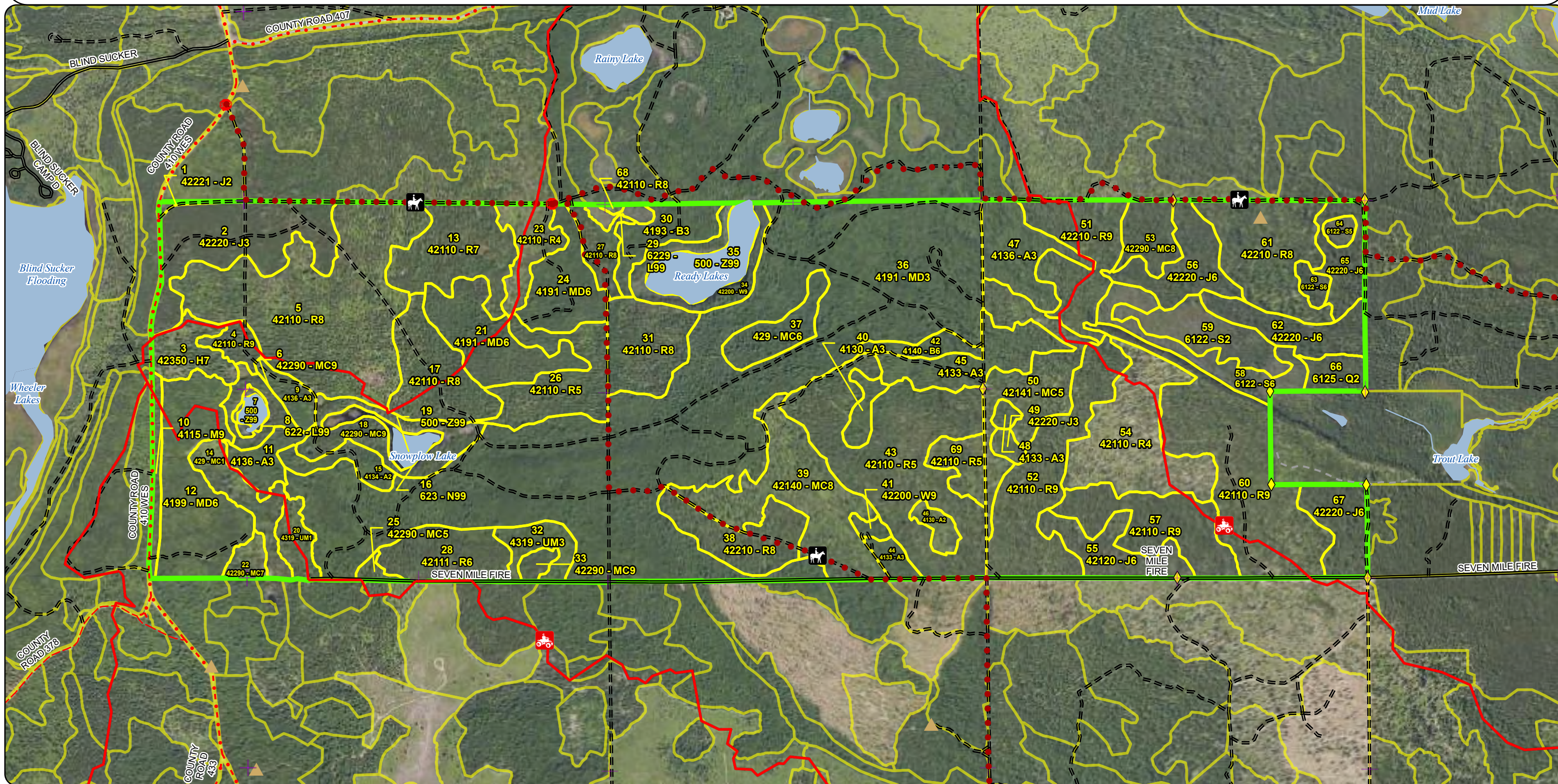
0 0.5 1 Miles

- Remonumented Section Corners
- Survey Grade Corners
- Berms
- Sign
- Designated Equestrian Trails
- Designated ATV Trails
- DNR - Secondary Forest Road

- DNR - Forest Access Route
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- Perennial River
- Lakes and Rivers
- Counties

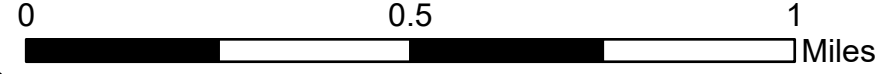
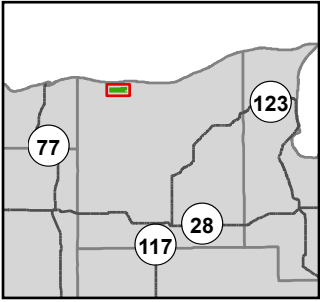
- Compartment Boundary
- 411 - Northern Hardwood
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- 422 - Natural Pines

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- 612 - Lowland Coniferous Forest
- 622 - Lowland Shrub
- 623 - Emergent Wetland

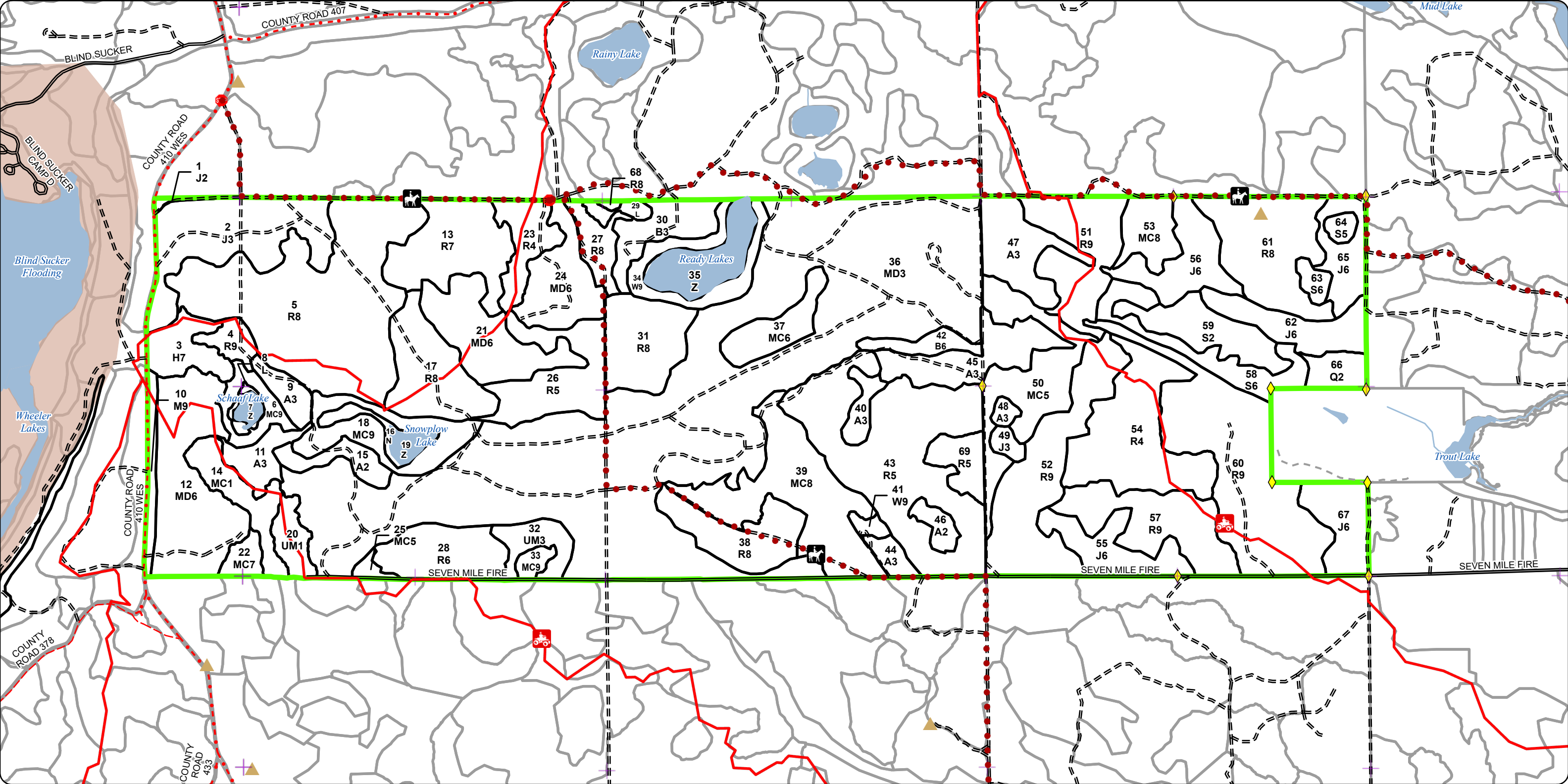


**Special Conservation Areas
& Site Conditions Map**

Compartment: 42012
T49N, R11W, Sec: 7-9
County: Luce
Unit: Newberry
Mgmt. Area: Grand Marais Moraine
Complex
YOE: 2026
Acres: 2,005 GIS Calculated
Examiner: Matt Payment
Date Exported: 6/24/2025
Map Phase: Post Review



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|---|------------------------------|-------|-------------------------------|------------------|-------------------------|
| + | Remonumented Section Corners | — | DNR - Secondary Forest Road | ⬜ | Counties |
| ◆ | Survey Grade Corners | == | DNR - Forest Access Route | ▬ | Compartment Boundary |
| ▲ | Berms | -.-.- | County - Gravel Road | ▭ | Stand Boundaries |
| ⬮ | Sign | -.-.- | County - Dirt Road (Seasonal) | ▨ | SCA |
| ● | Designated Equestrian Trails | -.-.- | Private - Dirt / Gravel Road | — | Cold Water Streams |
| — | Designated ATV Trails | — | Perennial River | ■ | Wildlife Research Areas |
| | | | ■ | Lakes and Rivers | |



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	28	0	80	0	0	0	0	0	0	0	0	0	0	0	0	0	108
Hemlock	0	0	0	0	0	0	0	0	0	17	0	0	0	0	0	0	0	0	17
Jack Pine	0	0	1	54	4	64	46	0	0	0	0	0	0	0	0	0	0	0	169
Lowland Conifers	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	9
Lowland Shrub	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	0	9	49	0	0	0	0	0	0	0	58
Marsh	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Mixed Upland Deciduous	0	0	0	0	0	467	58	0	0	0	0	0	0	0	0	0	0	0	525
Natural Mixed Pines	0	0	0	0	0	0	0	0	3	4	60	0	0	0	0	0	0	0	67
Northern Hardwood	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	8
Paper Birch	0	0	0	0	19	0	0	0	0	8	0	0	0	0	0	0	0	0	27
Planted Mixed Pines	0	0	0	0	0	0	0	0	101	0	0	0	0	0	0	0	0	0	101
Red Pine	0	0	0	0	0	0	0	0	237	432	85	0	39	0	0	0	0	0	793
Upland Conifers	0	19	0	0	0	17	0	0	0	0	0	0	0	0	0	0	0	0	36
Upland Mixed Forest	0	10	0	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23
Water	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27
White Pine	0	0	0	0	0	0	0	0	0	0	23	0	0	0	0	0	0	0	23
Total	42	29	29	67	103	548	104	0	341	470	234	0	39	0	0	0	0	0	2005

Report 2 – Treatment Summary

Newberry Mgt. Unit
Year of Entry: 2026

Acres of Harvest

Compartment 12
Total Compartment Acres: 2,005

Commercial Harvest - 506
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	Overshoot Removal	Salvage	Other	Total Acres
Natural Mixed Pines		0	0	0	0	0	16	0	0	0	16
Red Pine		269	48	0	0	0	170	0	0	0	487
	Total	269	48	0	0	0	186	0	0	0	503

Proposed and Next Step Treatments by Method

		Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current		503	0	0	0	0	0	0	0	0	503
	Total	503	0	0	0	0	0	0	0	0	503

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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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Approved Treatments:

61	42012061-Cut	47.7	42210 - Natural Red Pine	8	88	51-80	Harvest	Selection	42210 - Natural Red Pine	Cutting Record	No
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Prescription Single tree selection 60BA to promote natural red pine within the stand. Remove all aspen, balsam fir, and aspen. Avoid the old road for logging due to the high red pine regeneration present. Follow Natural Red Pine Guidance.

Next Step
Treatments:

Acceptable Red pine with minor white pine and mixed deciduous.
Regen:

Other
Comment:

Site Condition:

Proposed Start Date: 10/01/2025

57	42012057-Cut	39.6	42110 - Planted Red Pine	9	75	111-140	Harvest	Thinning	4211 - Planted Red Pine	Planting Record	No
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Prescription Thin stand to 100BA focusing on removal of trees from the dominant and codominant crown classes. Leave all oak.
Specs: ORV trail runs through stand., normal standard protections.

Next Step
Treatments:

Acceptable red pine
Regen:

Other
Comment:

Site Condition:

Proposed Start Date: 10/01/2025

54	42012054-Cut	55.9	42110 - Planted Red Pine	4	84	1-50	Harvest	Clearcut	42110 - Planted Red Pine	Planting Record	No
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Prescription Clearcut w/ retention leaving 3-5% retention pockets to facilitate reforestation and cultivation operations. Leave oak in retention pockets and
Specs: in the red line where possible. Trench and plant to red pine. Long term objective of planted red pine.

ORV trail runs through the stand.

Next Step
Treatments:

Acceptable planted red pine.
Regen:

Other
Comment:

Site Condition:

Proposed Start Date: 10/01/2025

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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
53 42012053-Cut	15.6	42290 - Natural Mixed Pine	8	96	81-110	Harvest	Thinning	42290 - Natural Mixed Pine	Planting Record	No
<u>Prescription</u> Crown Thin stand 70-90BA, removing trees from dominant and codominant crown classes. <u>Specs:</u> Remove all jack pine. Leave all aspen and birch for diversity within the stand. <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> mixed natural pine. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2025										
52 42012052-Cut	57.5	42110 - Planted Red Pine	9	75	111-140	Harvest	Thinning	4211 - Planted Red Pine	Planting Record	No
<u>Prescription</u> Thin stand 80-100BA focusing on removal of trees from the dominant and codominant crown classes. <u>Specs:</u> <u>Next Step</u> <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> 10/01/2025										
51 42012051-Cut	37.9	42210 - Natural Red Pine	9	111	81-110	Harvest	Thinning	42210 - Natural Red Pine	Cutting Record	No
<u>Prescription</u> Crown Thin stand 60-80BA focusing on removal of trees from the dominant and codominant crown classes. Leave all birch. <u>Specs:</u> <u>Next Step</u> <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> 10/01/2025										
31 42012031-Cut	31.7	42110 - Planted Red Pine	8	85	1-50	Harvest	Clearcut	4211 - Planted Red Pine	Planting Record	No
<u>Prescription</u> Clearcut w/ retention. Remove all species present. Leave 3-5% retention in pockets. Leave diversity in the red line where possible. <u>Specs:</u> Trench, plant, spray to restart the red pine plantation. Long term objective of planted red pine. <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> 10/01/2025										

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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
28 42012028-Cut	27.6	42111 - Planted Red Pine, Mixed Deciduous	6	75	111-140	Harvest	Thinning	4211 - Planted Red Pine	Planting Record	No
<u>Prescription</u> Thin stand 80-100BA. Remove all jack pine, aspen, and balsam fir. Leave all hemlock. <u>Specs:</u> <u>Next Step</u> <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> 10/01/2025										
27 42012027-Cut	11.5	42110 - Planted Red Pine	8	85	1-50	Harvest	Clearcut	4211 - Planted Red Pine	Planting Record	No
<u>Prescription</u> Clearcut stand removing all trees, producing a fully exposed microclimate for the development of a new age class of Red pine. Trench, plant, site prep & release sprays when needed. Retention Pockets have been built into the treatment. <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> 10/01/2025										
5 42012005-Cut	121.2	42110 - Planted Red Pine	8	88	51-80	Harvest	Clearcut	42110 - Planted Red Pine	Planting Record	No
<u>Prescription</u> Clearcut with retention along the road where the stand is denser. <u>Specs:</u> <u>Next Step</u> <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> 10/01/2025										

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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
4 42012004-Cut	7.6	42110 - Planted Red Pine	9	84	81-110	Harvest	Thinning	4211 - Planted Red Pine	Cutting Record	No
<u>Prescription</u> Thin stand 60-80BA. Remove all aspen, balsam fir, red maple, and jack pine. <u>Specs:</u> Long term objective of planted RP ORV trail run through the stand. <u>Next Step</u> <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> 10/01/2025										
26 42012026-Cut	33.4	42110 - Planted Red Pine	5	88	51-80	Harvest	Clearcut	4211 - Planted Red Pine	Cutting Record	No
<u>Prescription</u> Clearcut w/ retention leaving 3-5% retention pockets to facilitate reforestation and cultivation operations. Trench and plant to red pine. <u>Specs:</u> Acreage may change after prep. <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> planted red pine. trench and plant to red pine. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2024										
23 42012023-Cut	15.6	42110 - Planted Red Pine	4	88	1-50	Harvest	Clearcut	4211 - Planted Red Pine	Planting Record	No
<u>Prescription</u> Clearcut w/ retention leaving 3-5% retention pockets to facilitate reforestation and cultivation operations. Leave non red pine in the red line. <u>Specs:</u> Trench and plant to red pine. ORV trail runs through the stand. <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> planted red pine, trench and plant to red pine. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2024										

Total Treatment 502.8
Acreage Proposed:



Availability for Management

Total	Acres	Acres Avail	Acres	Dominant Site Conditions							
Acres	Available	With Condition	Not Available		5B	5C	2F	2G	3J	5D	5E
108	108	0	0	Aspen							
17	17	0	0	Hemlock							
168	168	0	0	Jack Pine							
9	0	9	0	Lowland Conifers		9					
6	7	0	0	Lowland Shrub							
57	0	0	57	Lowland Spruce/Fir				30		27	
8	8	0	0	Marsh							
525	525	0	0	Mixed Upland Deciduous							
53	29	0	24	Natural Mixed Pines					24		
8	0	8	0	Northern Hardwood		8					
28	19	0	8	Paper Birch			8				
101	101	0	0	Planted Mixed Pines							
776	661	105	10	Red Pine	28	77	8				2
19	17	0	2	Upland Conifers							2
23	23	0	0	Upland Mixed Forest							
27	27	0	0	Water							
23	3	0	20	White Pine					20		
1,958	1,713	123	122	Total Forested Acres	28	95	17	30	44	27	4
	87%	6%	6%	Relative Percent							

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

Site No.	Dominant Site Cond	Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Available		5C: Delay treatment for age/size class diversity or exceptional site quality	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments:								
2	Unavailable		2F: Too steep	8	5E: Long-Term Retention	Unspecified	Unspecified	Unspecified
Comments: Steep bluff. Good to leave for diversity.								

Report 4 – Site Conditions

Newberry Mgt. Unit
Matt Payment: Examiner

Compartment: 12
Year of Entry: 2026



3	Available	5B: Maintain for regeneration purposes	28	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
4	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	20	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
6	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
7	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	25	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
8	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Newberry Mgt. Unit
Matt Payment: Examiner

Compartment: 12
Year of Entry: 2026



9	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
10	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
11	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	77	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
12	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
13	Unavailable	2F: Too steep	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
14	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
15	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Newberry Mgt. Unit
Matt Payment: Examiner

Compartment: 12
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16	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
41	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	15	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
42	Unavailable	5D: Unproductive forest land	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
43	Unavailable	5D: Unproductive forest land	24	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	42221 - Natural Jack Pine, Mixed Deciduous	Sapling Medium	1.1	19	Immature	N/A	Larger part of stand is in compartment to the north. Stand was harvested and scarified in 2006 (sale #007-05-01).																																																							
<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>60</td><td>Log</td><td>1</td><td>19</td></tr><tr><td>Red Pine</td><td>10</td><td>Seedling</td><td>8</td><td></td></tr><tr><td>Red Maple</td><td>20</td><td>Log</td><td>1</td><td></td></tr><tr><td>Paper Birch</td><td>10</td><td>Seedling</td><td>8</td><td></td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Jack Pine	60	Log	1	19	Red Pine	10	Seedling	8		Red Maple	20	Log	1		Paper Birch	10	Seedling	8																															
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2	42220 - Natural Jack Pine	Sapling Well	53.5	25	Immature	N/A	Patches of residual RP. Overall thick JP reproduction. Cut in 1998 (Snow Plow Lake #002-96), scarified Nov 1998 (FTP 42-463).																																																							
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3	42350 - Upland Hemlock	Sawtimber Poor	16.8	81	1-50	N/A	10/17/23 - Regen coming up in places throughout the stand. Aspen, white pine, maple, fir, and some hemlock.																																																							
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4	42110 - Planted Red Pine	Sawtimber Well	7.6	84	81-110	N/A	Variable regen. Still high stocked RP/WP. Some areas with no to little regen. Original planting of 2-0 R, J, W, in spring 1941. Part of "Schaaf Lake Birch" sale # 18-89 -- cut 1991. ORV trail runs through edge of stand.																																																							
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Stand	Level 4 Cover Type	Size Density		Acres	Stand Age	BA Range	Managed Site	General Comments			
5	42110 - Planted Red Pine	Sawtimber Medium		121.2	88	51-80	N/A	2023 - RM stump sprouts and A from cut. Some JP, RP & WP seeded in from cut, but also RP & WP older saps present. Lots of old WP stumps. N 1/2 of stand planted with 2-0 RP & JP in spring 1937; S 1/2 of stand planted with 2-0 RP, JP and WP in spring of 1937; Western portion planted with 2-0 RP, JP & WP in spring 1941. Pockets of advanced aspen regeneration. Long term objective of planted RP ORV trail skirts south portion of stand. Stand was final harvested in 2006-08 (Schaaf Lake Pine #022-06-01). Scarified in Aug 2009. Regeneration check conducted in 2014 - average trees/ac = 2083 (JP-451, RP-223, RM-759, WP-302, A-245 trees/acre); average residual BA = 60 (range 30 - 110). Regen 2013: white pine 665 TPA, red pine 391 TPA, jack pine 274 TPA.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species			Density	Avg. Height	Size
Red Pine		90		12	88	Balsam Fir			Low	Variable	Variable
White Pine		10		12		Red Pine			Medium	< 5 feet	< 5 feet
						Red Maple			Medium	5 - 10 feet	5 - 10 feet
						Bigtooth Aspen			Medium	5 - 10 feet	5 - 10 feet
						White Pine			Medium	Variable	Variable
						Jack Pine			Medium	< 5 feet	< 5 feet
6	42290 - Natural Mixed Pine	Sawtimber Well		10.9	96	51-80	N/A	Buffer around Schaaf Lake. Includes some steep slopes.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species			Density	Avg. Height	Size
White Pine		40		16	96	Balsam Fir			Medium	Variable	Variable
Red Pine		35		16							
Red Maple		3	Seedling	8							
Paper Birch		15	Seedling	8							
Bigtooth Aspen		2	Seedling	9							
Hemlock		5		10							
7	500 - Water	Unspecifed		2.9		Unspecified	No	Schaaf Lake			
8	622 - Lowland Shrub	Unspecified		2.4		Unspecified	No	Marsh around Schaaf Lake			
9	4136 - Aspen, Mixed Conifer	Sapling Well		8.6	33	1-50	N/A	Part of "Schaaf Bluff Birch" sale # 18-89; shelterwood cut completed 1991 - left oak, red and white pine, hemlock.			
Canopy Species		% Cover	Size Class	DBH	Age						
Balsam Fir		12	Pole	4							
Hemlock		2		12							
Red Pine		6		14							
Red Pine		2	Log	2							
White Pine		7		14							
White Pine		6	Log	3							
Red Maple		22	Pole	4							
Bigtooth Aspen		43	Pole	4	33						

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Stand	Level 4 Cover Type	Size Density			Acres	Stand Age	BA Range	Managed Site	General Comments																																																																
15	4134 - Aspen, Spruce/Fir	Sapling Medium			10.9	33	Immature	N/A	Part of "Schaaf Bluff Birch" sale # 18-89, cut in 1991.																																																																
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16	623 - Emergent Wetland	Unspecified			7.7		Unspecified	No	Marshland around Snowplow Lake																																																																
17	42110 - Planted Red Pine	Sawtimber Medium			35.4	85	81-110	N/A	RP over aspen/pine mix. Mostly fully stocked saps. Residual pine from 1937 & 1940 plantings; "Aspen Mixed Well" sale #35-96, cut Nov/Dec, 1997. Long term objective of planted RP																																																																
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18	42290 - Natural Mixed Pine	Sawtimber Well			27.4	96	81-110	N/A	Buffer around Snowplow Lake. Eastern part of stand may have been planted (2-0 R, J, W) spring 1940.																																																																
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20	4319 - Mixed Upland Forest	Sapling Poor		10.2	8	1-50	N/A	12/18: Harvested via Clearcut w/ Reserves in 2017 as part of Hill and Dale, #019-16. TCR 12/19/17. Red pine, white pine, hemlock and beech residual (~20-30 BA). Occasional beech and hemlock, RP & WP. ORV trail through middle of stand.																																																					
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21	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well		36.0	45	51-80	N/A	On the edge between sapling and pole size. Some residual RP/WP. Area cut over for aspen/birch in 1979-80; original planting of 2-0 JP, RP & WP in spring of 1937.																																																					
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22	42290 - Natural Mixed Pine	Sawtimber Poor		6.2	96	1-50	N/A	2023 - Decent white pine, balsam, and maple regen coming up. Red pine is sparse throughout the stand. 12/18: Harvested via Clearcut w/ Reserves in 2017 as part of Hill and Dale, #019-16. TCR 12/19/17. Red pine, white pine and hemlock residual (~40-50 BA).																																																					
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23	42110 - Planted Red Pine	Poletimber Poor		17.5	88	1-50	N/A	2023- Regeneration is scattered throughout the stand. Mainly white pine, and maple. 11-13-18 - Stand was cut as part of Rainy Lake Pine. Residual BA 40-60 of Red pine. Stand was to be scarified in 2018 but wasn't completed. Will be rolled forward to POW 2019 scarification. ORV trail through stand.																																																					
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24	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	27.8	45	51-80	N/A	On edge between sapling and pole size. Some residual RP/WP from 1937 planting. Stand was cut over in the late 80's based on aerial imagery.																																																																		
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25	42290 - Natural Mixed Pine	Poletimber Medium	2.8	75	1-50	N/A	Varying densities of residual and regen. Occassional hemlock. "Birch Ridge" sale #35-96 (Unit 2); regen started -- no scarification (FTP 42-471 cancelled). Smaller stand due to high BA of RP.																																																																		
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26	42110 - Planted Red Pine	Poletimber Medium	34.3	88	51-80	N/A	Variable BA residual. Variable regen. Stand harvested as "W. Ready Lake Pine", sale #023-06-01. Complete 6/19/08. FTP 42-676 for scarification, but no record of it being done. Regeneration check in summer 2012: JP = 90 WP = 270 RP = 180 Aspen = 108 BF = 180 TPA = 829.																																																																		
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27	42110 - Planted Red Pine	Sawtimber Medium	11.5	85	1-50	N/A	Variable RP residual BA. Good regen. "Ready Lake JP" Sale #2-98; FTP 42-493, scarified 8/2001. Original planting in Fall of 1940 with 2-0 R, W & J.																																																																		
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Stand	Level 4 Cover Type	Size Density			Acres	Stand Age	BA Range	Managed Site	General Comments		
28	42111 - Planted Red Pine, Mixed Deciduous	Poletimber Well			27.6	75	111-140	N/A	Pockets and scattered pole size A/WB. Planted in 1950 (2-0 RP & JP), some JP in portions of the stand picked out in sale #32-96 (cut in 1997). Occassional hemlock.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density		Avg. Height	Size
White Pine		7		9		Red Maple		Low		Variable	Variable
Jack Pine		8		9		White Pine		Low		Variable	Variable
Red Maple		2	Seedling	7		Balsam Fir		Medium		Variable	Variable
Paper Birch		8	Seedling	8							
Bigtooth Aspen		15		9							
Red Pine		60		10	75						
29	6229 - Mixed Lowland Shrub	Unspecifed			4.1	0	Unspecified	No	Low boggy pocket of JP/T/WP.		
30	4193 - Birch, Aspen	Sapling Well			19.2	38	1-50	N/A	Variable stand. Sale #54-85 Ready Lake Birch.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	
Balsam Fir		3	Pole	3		Balsam Fir		High	Variable	Variable	
White Spruce		4	Pole	3		Striped Maple		Low	10 - 20 feet	10 - 20 feet	
White Pine		6	Pole	3							
Jack Pine		2	Log	3							
Red Maple		15	Pole	4							
Paper Birch		40	Pole	4	38						
Bigtooth Aspen		30	Pole	4							
31	42110 - Planted Red Pine	Sawtimber Medium			31.7	85	1-50	N/A	RP/WP over A/JP. Occassional hemlock. "Ready Lake JP" Sale #2-98; FTP 42-493 -- Scarification completed 8/2001. Planted 1930s.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	
White Pine		30		9		Red Pine		Low	5 - 10 feet	5 - 10 feet	
Red Pine		70		13	85	Red Maple		Medium	Variable	Variable	
						Quaking Aspen		Medium	Variable	Variable	
						Jack Pine		Medium	Variable	Variable	
32	4319 - Mixed Upland Forest	Sapling Well			12.9	24	1-50	N/A	Sale # 32-96 cut Nov 2000. Very good red pine seeding (or planting?) in back half of stand. Scattered WP/RP residual (<10 BA).		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	
Red Maple		25	Log	1	24	Striped Maple		Low	5 - 10 feet	5 - 10 feet	
Balsam Fir		13	Log	1							
Red Pine		3		14							
Red Pine		30	Log	1	24						
Beech		15	Log	1							
Hemlock		2	Seedling	8							
White Pine		3		14							
White Pine		7	Log	1							
Jack Pine		2	Log	1							

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																																															
33	42290 - Natural Mixed Pine	Sawtimber Well	4.0	88	81-110	N/A	Mixed pine stand, small acreage. Jack pine is getting old and starting to die out of the canopy.																																																																															
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34	42200 - Natural White Pine	Sawtimber Well	19.9	91	81-110	N/A	Buffer around Ready Lake.																																																																															
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35	500 - Water	Unspecifed	22.2		Unspecified	No	Ready Lake. Several trees were dropped into the lake for fish habitat in 2005 (FTP42-598).																																																																															
36	4191 - Mixed Upland Deciduous with Conifer	Sapling Well	403.4	42	51-80	N/A	Large stand cut over several years (1980-83) on timber sale #12-71A. On edge between sapling and pole size. Residual WP, RP and H scattered. Very diverse stand. Inclusion of stand on far eastern end that was cut through in 1986 (#42-85 Aspine #2). Not all species were cut resulting in pole size residual in areas.																																																																															
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Balsam Fir</td><td>3</td><td>Pole</td><td>4</td><td></td></tr><tr><td>Beech</td><td>15</td><td>Pole</td><td>4</td><td></td></tr><tr><td>White Spruce</td><td>2</td><td>Pole</td><td>4</td><td></td></tr><tr><td>Hemlock</td><td>5</td><td></td><td>6</td><td></td></tr><tr><td>Red Pine</td><td>5</td><td></td><td>14</td><td></td></tr><tr><td>Red Pine</td><td>3</td><td>Log</td><td>4</td><td></td></tr><tr><td>Red Maple</td><td>13</td><td>Pole</td><td>4</td><td></td></tr><tr><td>Paper Birch</td><td>30</td><td>Sapling</td><td>5</td><td>42</td></tr><tr><td>Bigtooth Aspen</td><td>12</td><td>Sapling</td><td>5</td><td></td></tr><tr><td>White Pine</td><td>5</td><td></td><td>14</td><td></td></tr><tr><td>White Pine</td><td>5</td><td>Log</td><td>4</td><td></td></tr></table>			Canopy Species	% Cover	Size Class	DBH	Age	Balsam Fir	3	Pole	4		Beech	15	Pole	4		White Spruce	2	Pole	4		Hemlock	5		6		Red Pine	5		14		Red Pine	3	Log	4		Red Maple	13	Pole	4		Paper Birch	30	Sapling	5	42	Bigtooth Aspen	12	Sapling	5		White Pine	5		14		White Pine	5	Log	4		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Striped Maple</td><td>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Balsam Fir</td><td>Medium</td><td>Variable</td><td>Variable</td></tr><tr><td>Hemlock</td><td>Low</td><td>Variable</td><td>Variable</td></tr><tr><td>Red Maple</td><td>Low</td><td>Variable</td><td>Variable</td></tr></table>				Sub-Canopy Species	Density	Avg. Height	Size	Striped Maple	Medium	10 - 20 feet	10 - 20 feet	Balsam Fir	Medium	Variable	Variable	Hemlock	Low	Variable	Variable	Red Maple	Low	Variable	Variable
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																							
37	429 - Mixed Upland Conifers	Poletimber Well	17.2	45	51-80	N/A	Heavier to softwood than surrounding stand. Cut in early '80's on timber sale #12-71A. On edge between sapling and pole size. Scattered remnant WP, RP and H.																																																							
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38	42210 - Natural Red Pine	Sawtimber Medium	28.4	88	81-110	N/A	Thinned in 2019 as part of Ridgeline Pine, #014-16. Sparse red pine regen coming in. White pine, balsam, and red maple coming in.																																																							
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39	42140 - Planted Mixed Pine	Sawtimber Medium	60.1	75	51-80	N/A	2023 - Sparse red pine regen. White pine, red maple, spruce coming in. Occasional beech, but dying (BBD). RP & WP planted in 1950. 11/2019: harvested via shelterwood in spring 2019 as part of Ridgeline Pine, #014-16. FTP C42-904 for scarification. Too thick of residual to scarify properly. Scarification dropped. Re-evaluate at next inventory.																																																							
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Paper Birch	5		8		Balsam Fir	High	Variable	Variable																																																						
40	4130 - Aspen	Sapling Well	7.2	17	Immature	N/A	Stand harvested as "7 Mile Mix", sale #42-026-06-01. Completed 6/6/08.																																																							
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White Pine	3		12																																																											
41	42200 - Natural White Pine	Sawtimber Well	3.0	96	111-140	N/A	Small stand very similar to stand 43 just slightly more white pine. Old INV - Sale # 45-91																																																							
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments						
42	4140 - Other Upland Deciduous	Poletimber Well	8.4	87	81-110	N/A	Steep escarpment. Occassional beech, with beech scale present. Good to leave for diversity.						
Canopy Species				% Cover	Size Class	DBH		Age	Sub-Canopy Species		Density	Avg. Height	Size
Balsam Fir				10	Seedling	8			Hemlock		Low	Variable	Variable
White Pine				5		14			Balsam Fir		Full	Variable	Variable
Red Maple				20	Seedling	8							
Paper Birch				60		8		87					
White Spruce				3		10							
Hemlock				2	Seedling	8							
43	42110 - Planted Red Pine	Poletimber Medium	99.6	75	81-110	N/A	Variable density residual. Aspen repro in areas. Portion of stand planted with 2-0 R,J in 1950. Stand thinned as "7 Mile Mix", sale #42-026-06-01. Completed 6/6/08.Regen 2013: red pine 217 TPA, white pine 375 TPA in scarified area.						
Canopy Species				% Cover	Size Class	DBH		Age	Sub-Canopy Species		Density	Avg. Height	Size
Red Pine				80		10		75	Red Maple		Low	5 - 10 feet	5 - 10 feet
Red Oak				3		9			Bigtooth Aspen		Medium	5 - 10 feet	5 - 10 feet
White Pine				15		9			White Pine		Medium	Variable	Variable
Paper Birch				2	Seedling	8			Jack Pine		Low	< 5 feet	< 5 feet
44	4133 - Aspen, Mixed Pine	Sapling Well	5.8	34	1-50	N/A	Most overstory pine removed from the stand. Aspen is now the dominant canopy species coming in. Sale # 45-91						
Canopy Species				% Cover	Size Class	DBH		Age	Sub-Canopy Species		Density	Avg. Height	Size
Red Pine				15		8		75	White Pine		Medium	Variable	Variable
White Pine				15		8							
Red Maple				5	Log	2							
Bigtooth Aspen				65	Pole	3		34					
45	4133 - Aspen, Mixed Pine	Sapling Well	28.4	39	1-50	N/A	"Ready Lake Aspen" sale # 43-85. Occassional oak.						
Canopy Species				% Cover	Size Class	DBH		Age					
Balsam Fir				10	Pole	3							
Red Pine				2	Log	2							
White Pine				15	Log	3							
Jack Pine				3	Log	2							
Red Maple				10	Log	3							
Paper Birch				8	Seedling	6							
Bigtooth Aspen				45	Pole	4		39					
Beech				2	Pole	4							
White Spruce				5	Pole	3							

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																
46	4130 - Aspen	Sapling Medium	6.1	16	1-50	N/A	Adequate regeneration, but mainly aspen 8-12' tall. Variable density. Some residual RP and WP. Stand size shrunk from original FTP due to high BA.																																																
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47	4136 - Aspen, Mixed Conifer	Sapling Well	26.4	39	1-50	N/A	Cut in 1986 Aspine #1 (#41-85).																																																
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48	4133 - Aspen, Mixed Pine	Sapling Well	2.7	17	1-50	N/A	Two storied small stand. RP/WP over aspen. Nice thick aspen regen 10-20' tall. Stand harvested as "7 Mile Mix", sale #42-026-06-01. Completed 6/6/08.																																																
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49	42220 - Natural Jack Pine	Sapling Well	3.7	32	Immature	N/A	Occasional RM or WB sprout. Sale #37-92 (3.2 acres) cut Summer '92 -- No FTP.																																																
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50	42141 - Planted Mixed Pine, Mixed Deciduous	Poletimber Medium	41.2	75	51-80	N/A	11/2019: harvested via shelterwood in spring 2019 as part of Ridgeline Pine, #014-16. FTP C42-904 for scarification. Too thick of residual to scarify properly. Scarification dropped. Re-evaluate at next inventory.																																																
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							Good variety of sizes - old logs, but mostly poles, and saps too. Occasional oak and birch. Pockets of aspen with pine. Some dead JP. Open understory. Pockets heavier to RP and pockets heavier to JP. 2-0 R, J planted spring 1950.																																																

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																															
51	42210 - Natural Red Pine	Sawtimber Well	38.8	111	81-110	N/A	Timber sale #53-85 - 1986 thinning. Thinned again in 2009 (Darrell's Red Pine #028-06-01). Regeneration survey conducted in 2014 - average trees/acre = 1928; average residual BA = 92 (range 60 - 130 BA). Part of stand not cut in 2009. ORV trail along 2 track for a bit, then too narrow for regular vehicle travel. Regen 2014: White pine 433 TPA, red pine 162 TPA.																																															
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Pine</td><td>89</td><td></td><td>14</td><td>111</td></tr><tr><td>White Pine</td><td>5</td><td></td><td>14</td><td></td></tr><tr><td>Balsam Fir</td><td>2</td><td>Sapling</td><td>5</td><td></td></tr><tr><td>Red Maple</td><td>2</td><td>Sapling</td><td>7</td><td></td></tr><tr><td>Paper Birch</td><td>2</td><td>Seedling</td><td>8</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Red Pine	89		14	111	White Pine	5		14		Balsam Fir	2	Sapling	5		Red Maple	2	Sapling	7		Paper Birch	2	Seedling	8		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Black Spruce</td><td>Low</td><td>Variable</td><td>Variable</td></tr><tr><td>Red Pine</td><td>Low</td><td>Variable</td><td>Variable</td></tr><tr><td>Red Maple</td><td>Medium</td><td>Variable</td><td>Variable</td></tr><tr><td>White Pine</td><td>Medium</td><td>Variable</td><td>Variable</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Black Spruce	Low	Variable	Variable	Red Pine	Low	Variable	Variable	Red Maple	Medium	Variable	Variable	White Pine	Medium	Variable	Variable
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52	42110 - Planted Red Pine	Sawtimber Well	57.5	75	111-140	N/A	Advanced WP regen of various sizes (6-15' and 15-25'). Areas of advanced RP regen (20' tall). JP seeding in spots on road. ORV trail runs thru north part of stand. Stand thinned as "Pudding Pine", sale #027-06-01. Completed 11/06/08.																																															
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Pine</td><td>95</td><td></td><td>12</td><td>75</td></tr><tr><td>White Pine</td><td>5</td><td></td><td>12</td><td>96</td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Red Pine	95		12	75	White Pine	5		12	96	<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>White Pine</td><td>Medium</td><td>Variable</td><td>Variable</td></tr><tr><td>Red Pine</td><td>Low</td><td>Variable</td><td>Variable</td></tr><tr><td>Red Maple</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Bigtooth Aspen</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	White Pine	Medium	Variable	Variable	Red Pine	Low	Variable	Variable	Red Maple	Low	5 - 10 feet	5 - 10 feet	Bigtooth Aspen	Low	5 - 10 feet	5 - 10 feet															
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53	42290 - Natural Mixed Pine	Sawtimber Medium	15.6	96	81-110	N/A	Mainly large dbh RP/WP with sapling sized regen. Part of 1978 timber sale (3-78A).																																															
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54	42110 - Planted Red Pine	Poletimber Poor	55.9	84	1-50	N/A	Planted in 1941. Sparse red pine regen coming in. White pine, maple, fir, and spruce coming back. Cut 2019, scarified 2019 (part of Ridgeline Pine, #014-16). Red and white pine with oak were left. FTP C42-904. Old Inv: RP of various sizes (4-16"). Old WP stumps evident. Old RR grade thru stand. Patches of heavier to JP, to mix of JP/RP. 2-0 R, J planted in 1950 - stand variable as to density and species.																																															
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55	42120 - Planted Jack Pine	Poletimber Well	22.9	53	111-140	N/A	2-0 JP planted fall, 1972. Some older JP scattered within.																																															
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56	42220 - Natural Jack Pine	Poletimber Well	26.0	42	111-140	N/A	Some areas of thicker regeneration than others. Residual RP and WP. On edge between sapling and pole size.																																															
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
57	42110 - Planted Red Pine	Sawtimber Well	39.6	75	111-140	N/A	Very variable dbh on RP. Some nice remnants, nice logs to sapling size. Old WP stumps evident. Variable densities with small semi-open areas. 2-0 RP & JP planted spring of 1950.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Paper Birch	2		10		White Pine	Low		Variable	Variable
Red Oak	8		12		Red Pine	Low		Variable	Variable
Red Pine	75		14	75	Red Maple	Low		Variable	Variable
White Pine	10		16		Red Oak	Low		< 5 feet	< 5 feet
Jack Pine	5		10						
58	6122 - Black Spruce	Poletimber Well	23.9	95	81-110	N/A	Pocket of WP logs included within stand. Stand is located at the bottom of a very steep bluff.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Red Pine	2	Seedling	7		Black Spruce	Medium		Variable	Variable
Black Spruce	85	Sapling	6	95					
White Pine	5		14						
Jack Pine	3	Seedling	6						
Tamarack	5	Seedling	6						
59	6122 - Black Spruce	Sapling Medium	25.2	91	51-80	N/A	Black spruce/tamarack lowland.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Tamarack	40	Log	3		White Pine	Low		10 - 20 feet	10 - 20 feet
Black Spruce	50	Log	4	91					
Red Pine	2	Seedling	7						
White Pine	8	Seedling	7						
60	42110 - Planted Red Pine	Sawtimber Well	85.1	96	81-110	N/A	Older RP/WP with 2-0 RP, JP planted in spring 1950. 11/2019: thinned in 2017-18 as part of Ridgeline Pine, #014-16.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
White Pine	10		14	75	Red Pine	Low		5 - 10 feet	5 - 10 feet
Jack Pine	2		10		Red Maple	Low		Variable	Variable
Paper Birch	2	Seedling	8		Red Oak	Low		< 5 feet	< 5 feet
Red Pine	78		14	96	White Pine	Medium		5 - 10 feet	5 - 10 feet
Red Oak	8		10						
61	42210 - Natural Red Pine	Sawtimber Medium	47.7	88	51-80	N/A	Stand thinned in 1978 (#3-78A). Shelterwood cut in 2009 (Darrell's Red Pine #028-06-01). Regeneration check conducted in 2014 - average trees/acre = 1071; average residual BA = 77 (range from 50 - 110 BA). Occasional WB. Regen 2014: White pine 509 TPA, red pine 176 TPA.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
White Pine	10		14		White Pine	Medium		Variable	Variable
Balsam Fir	2	Seedling	6		Red Pine	Medium		Variable	Variable
Paper Birch	2	Seedling	8		Black Spruce	Medium		Variable	Variable
Quaking Aspen	2	Seedling	8						
Red Pine	84		14	88					

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																								
62	42220 - Natural Jack Pine	Poletimber Well	22.9	55	81-110	N/A	JP/S stand.																																								
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63	6122 - Black Spruce	Poletimber Well	4.6	89	51-80	N/A	Low pocket of spruce.																																								
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65	42220 - Natural Jack Pine	Poletimber Well	17.1	45	81-110	N/A	Mixed pine stand. Younger jack pine coming in under older larger white and red pine.																																								
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66	6125 - Lowland Black Spruce, Jack Pine	Sapling Medium	9.4	91	Unspecified	N/A	Black spruce/tamarack with scattered pine on slight ridges.																																								
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
67	42220 - Natural Jack Pine	Poletimber Well	20.9	45	1-50	N/A	Residual RP and WP as well as occassional oak.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple		5	Log	3		White Pine	Low	5 - 10 feet	5 - 10 feet
Red Pine		5		14	87	Red Maple	Low	5 - 10 feet	5 - 10 feet
Red Pine		2	Log	2		Red Pine	Low	5 - 10 feet	5 - 10 feet
White Pine		5		14					
White Pine		3	Log	2					
Jack Pine		80	Sapling	5	45				
68	42110 - Planted Red Pine	Sawtimber Medium	0.8	85	1-50	N/A	Variable RP residual BA. Good regen. "Ready Lake JP" Sale #2-98; FTP 42-493, scarified 8/2001. Original planting in Fall of 1940 with 2-0 R, W & J.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine		10		10		Red Pine	Medium	5 - 10 feet	5 - 10 feet
Red Pine		90		13	85	Balsam Fir	Low	5 - 10 feet	5 - 10 feet
						White Pine	Medium	10 - 20 feet	10 - 20 feet
						Jack Pine	Medium	10 - 20 feet	10 - 20 feet
						White Spruce	Low	5 - 10 feet	5 - 10 feet
						Red Maple	Medium	10 - 20 feet	10 - 20 feet
						Bigtooth Aspen	Medium	10 - 20 feet	10 - 20 feet
69	42110 - Planted Red Pine	Poletimber Medium	12.0	75	51-80	N/A	Stand was part of stand 43 but is slightly more open with more advanced regeneration present.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine		15		9		Red Maple	Low	5 - 10 feet	5 - 10 feet
Paper Birch		2	Seedling	8		Bigtooth Aspen	Medium	5 - 10 feet	5 - 10 feet
Red Oak		3		9		White Pine	Medium	Variable	Variable
Red Pine		80		10	75	Jack Pine	Low	< 5 feet	< 5 feet
							Regen 2013: red pine 217 TPA, white pine 375 TPA in scarified area.		