

Compartment Review Presentation

Newberry Forest Management Unit

Compartment 42013

Entry Year: 2027

Acreage: 1,899

County: Luce

Management Area: Grand Marais Moraine Complex

Stand Examiner: Amy Livermore

Legal Description:

T49N R12W Section 13 and T49N R11W Section(s) 16-18

Identified Planning Goals:

To maintain and enhance forest health and diversity while incorporating recreational, wildlife, fire, and any additional special concerns.

Soil and topography:

Rolling uplands of Rubicon sand with steep hills on the west end, and another ridgeline angling across the middle of section(s) 16, 17.

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

State-owned lands surround the compartment.

Unique Natural Features:

MNFI has identified the potential for goshawk, red-shouldered hawk, eagle, and osprey. Potential for moose and wolf. Potential for pine drops or false violet in pines. Auricled twayblade to NW. American dune wild-rye to NE. Black crowberry to N.

Archeological, Historical, and Cultural Features:

None known at this time, although old logging grade remnants can be found throughout area.

Special Management Designations or Considerations:

Watershed and Fisheries Considerations:

Fisheries Values: None

Fisheries Concerns: This compartment contains no lakes or streams that would contain any fish communities.

Wildlife Habitat Considerations:

Compartment 13 lies in the far northern portion of Luce county and is in the Grand Marais Moraine Complex Management Area. The vegetation is primarily red, white, and jack pine with a few stands of aspen, birch and oak scattered throughout the compartment. Stands have decent diversity of tree species. In a predominantly pine forested ecosystem, maintaining 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. For example, retaining soft and hard mast producing species will provide food sources, nest and den trees, and improve stand diversity. Maintaining habitat connectivity between stands of mature timber will be important for marten and other species. Wildlife species potentially using this compartment include white-tailed deer, black bear, spruce grouse, ruffed grouse, snowshoe hare, gray wolves, coyote and fox. 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

Sections 16 – 18 & 21, T49N-R11W, Luce County.

Surface sediments consist of lacustrine sand and gravel. There is insufficient data to determine the glacial drift thickness.

The Cambrian Munising Group and Precambrian Jacobsville Sandstone subcrop below the glacial drift. The Jacobsville has been used as a building stone in the past. Gravel pits are not located in the area, but there may be some potential. There is no economic oil and gas production in the UP.

Vehicle Access:

From Newberry, follow M-123 north to Co Rd 407. Follow Co Rd 407 ~ 19 miles north to Co Rd 410. Go west on Co Rd 410 for ~ 3.5 miles to N/S fire lane which will lead you into the SE corner of the compartment. Interior compartment roads are mainly poor sand two-tracks.

Survey Needs:

None

Recreational Facilities and Opportunities:

The Pine Ridge ORV trail runs throughout the compartment. Blueberry picking in the late summer, deer hunting.

Fire Protection:

Fire lane road breaks are in place along section lines. The compartment is a part of the Two Hearted Zone Dispatch area. Very large fire runs are not expected because of the many stands of different conifer species, age classes and densities. Mostly dry sandy soils over much of the area should allow normal fire suppression efforts to be successful.

Additional Compartment Information:

None

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: 42013
T49N R11W Sec. 16-18
T49N R12W Sec. 13
County: Luce
Unit: Newberry
Mgmt. Area: Grand Marais Moraine Complex
YOE: 2027
Acres: 1,899 GIS Calculated
Examiner: Amy Livermore
Date Exported: 08/19/2025
Map Phase: Web Post



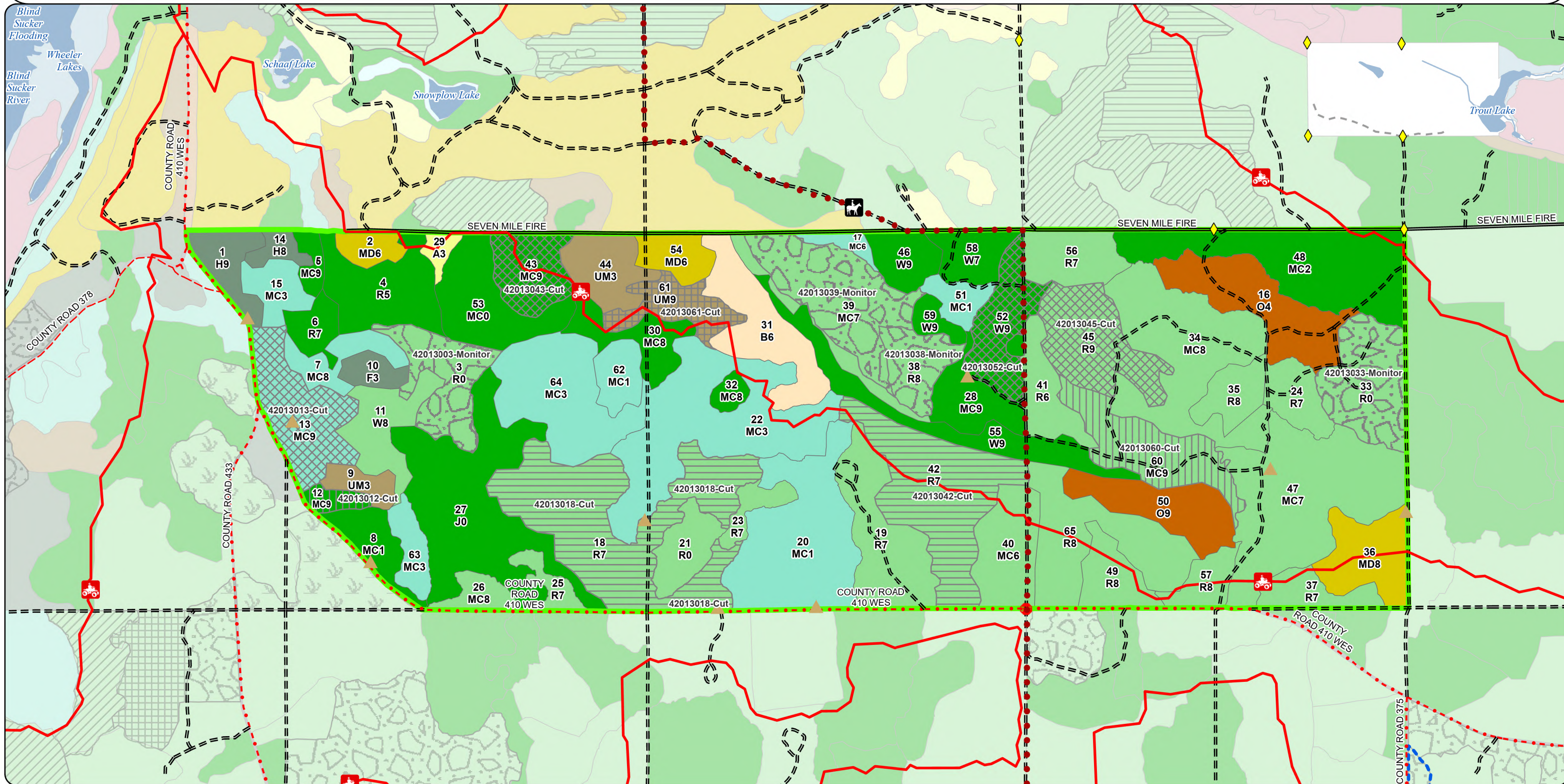
0 0.5 1 Miles

- 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
- Seed Tree
- Shelterwood
- Monitoring - Regeneration
- Treatments with Site Conditions
- 412 - Oak Types
- 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



Stand Boundary Map

Compartment: 42013
T49N R11W Sec. 16-18
T49N R12W Sec. 13
County: Luce
Unit: Newberry
Mgmt. Area: Grand Marais Moraine Complex
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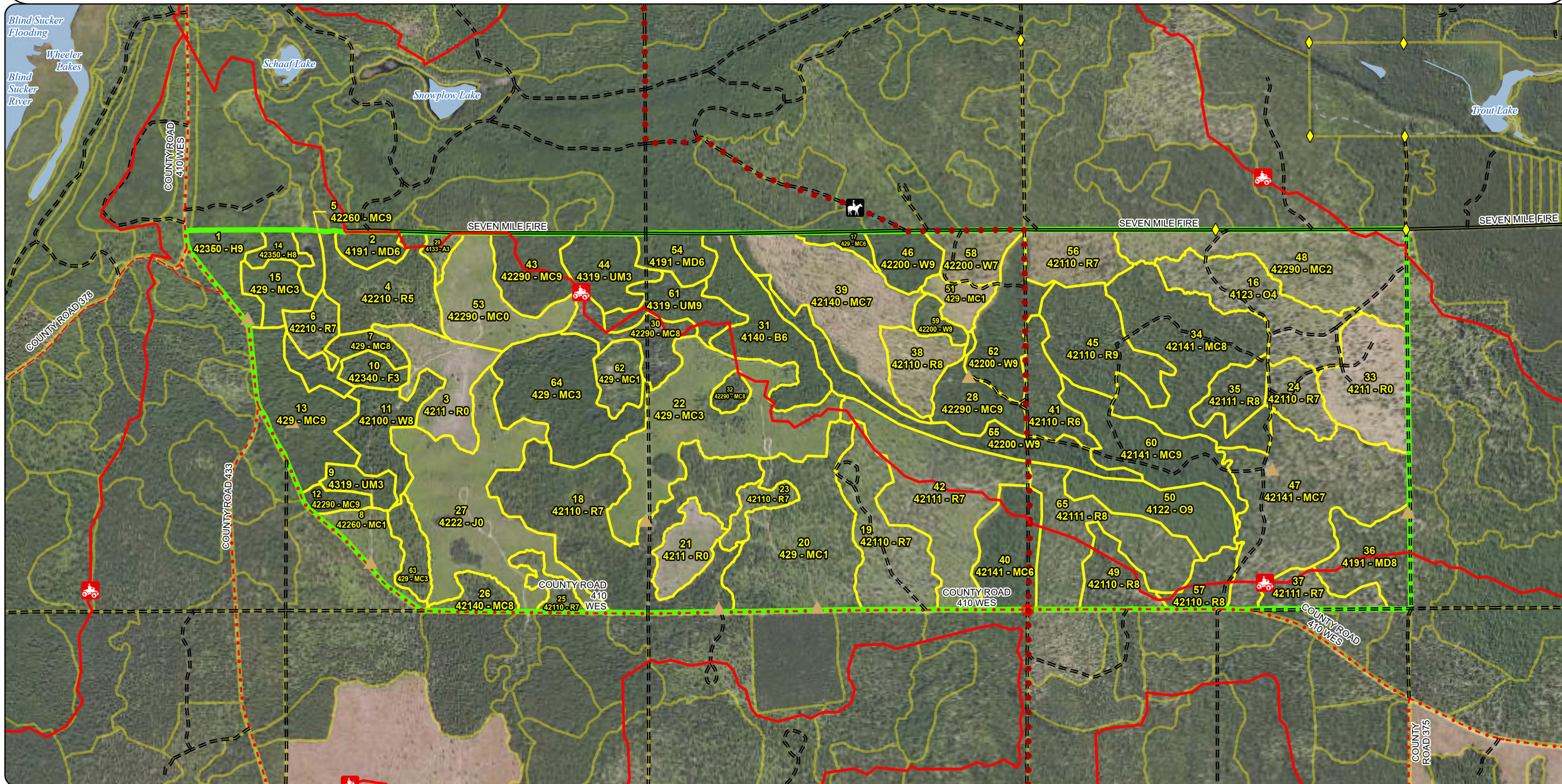


0 0.5 1 Miles

- Survey Grade Corners
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- Designated Equestrian Trails
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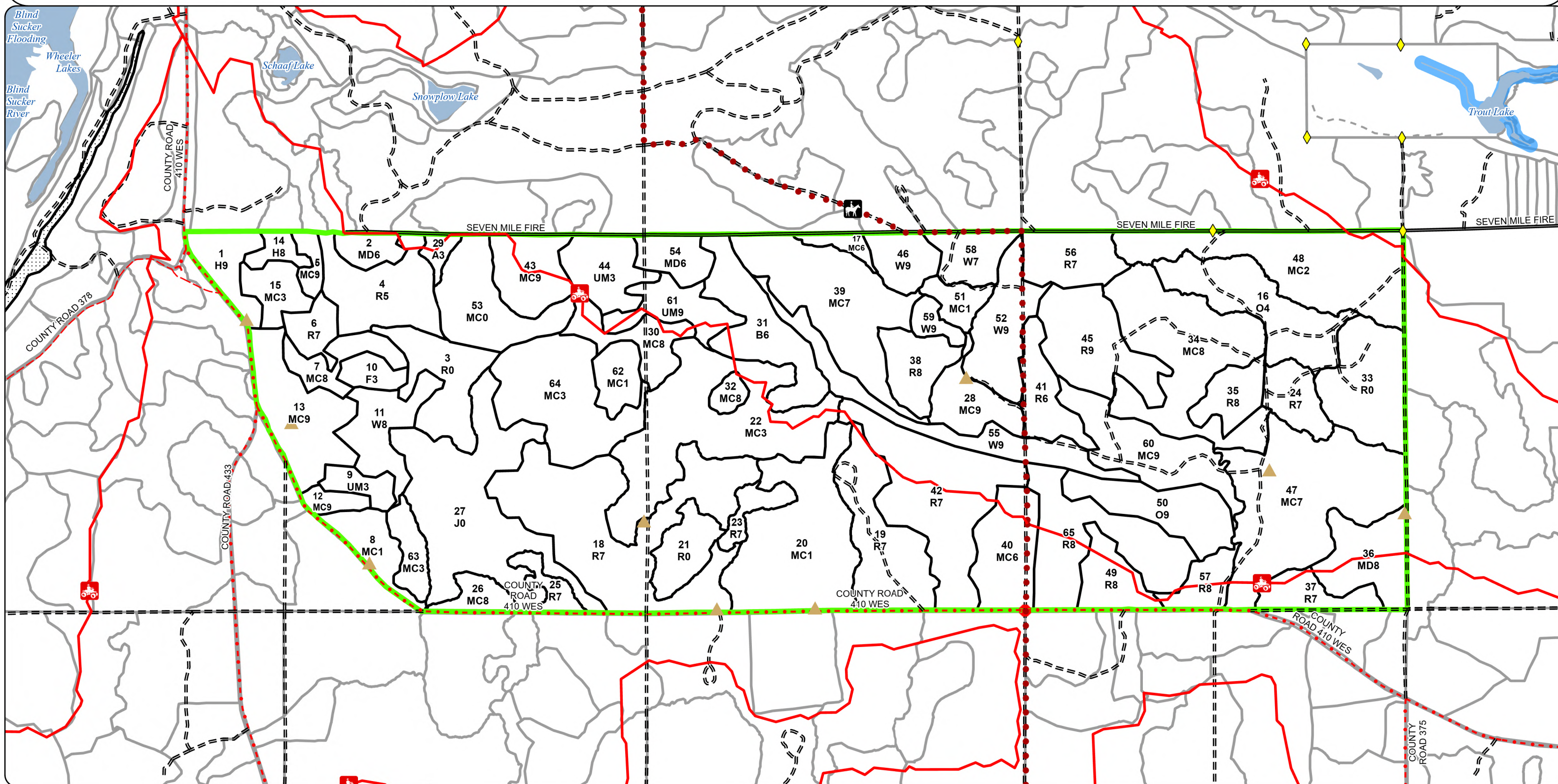
- 421 - Planted Pines
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest



0 0.5 1 Map Phase: Web Post Miles



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|---|------------------------------|---|-------------------------------|---|-----------------------------------|
|  | Survey Grade Corners |  | DNR - Forest Access Route |  | Counties |
|  | Berms |  | County - Gravel Road |  | Compartment Boundary |
|  | Sign |  | County - Dirt Road (Seasonal) |  | Stand Boundaries |
|  | Designated Equestrian Trails |  | Private - Dirt / Gravel Road |  | SCA |
|  | Designated ATV Trails |  | Perennial River |  | Cold Water Streams |
|  | DNR - Secondary Forest Road |  | Lakes and Rivers |  | High Priority Trout Stream Buffer |



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	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Hemlock	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	0	23
Jack Pine	87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	87
Mixed Upland Deciduous	0	0	0	0	0	9	14	0	0	0	30	0	0	0	0	0	0	0	53
Natural Mixed Pines	36	84	0	0	0	5	0	0	0	39	31	6	0	0	0	0	0	0	200
Oak	0	0	0	0	0	0	0	0	44	0	31	0	0	0	0	0	0	0	75
Paper Birch	0	0	0	0	0	39	0	0	0	0	0	0	0	0	0	0	0	0	39
Planted Mixed Pines	0	0	0	0	0	0	0	0	0	10	295	0	0	0	0	0	0	0	305
Red Pine	90	0	0	0	0	0	0	0	0	111	379	0	0	0	0	0	0	23	603
Upland Conifers	0	107	73	0	27	5	54	0	0	41	16	0	0	0	0	0	0	0	322
Upland Mixed Forest	0	0	0	9	0	0	23	0	0	0	20	0	0	0	0	0	0	0	52
Upland Spruce/Fir	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
White Pine	0	0	0	0	0	0	0	0	0	25	0	53	50	0	0	0	0	0	128
Total	213	196	73	17	27	58	91	0	44	226	802	59	50	0	0	0	24	23	1900

Report 2 – Treatment Summary

Newberry Mgt. Unit
Year of Entry: 2027

Acres of Harvest

Compartment 13
Total Compartment Acres: 1,899

Commercial Harvest - 2720
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	24	0	0	6	0	0	0	0	30
Planted Mixed Pines	0	0	0	0	39	0	0	0	0	39
Red Pine	171	41	0	0	0	0	0	0	0	212
Upland Conifers	0	41	0	0	0	0	0	0	0	41
Upland Mixed Forest	0	0	0	20	0	0	0	0	0	20
White Pine	0	29	0	0	0	0	0	0	0	29
Total	171	135	0	20	45	0	0	0	0	371

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	371	0	0	0	0	0	144	0	0	515
Next Step	0	442	514	0	0	725	574	0	0	2426
Total	371	442	514	0	0	725	718	0	0	2941

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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:

12	42013012-Cut	6.1	42290 - Natural Mixed Pine	9	100	111-140	Harvest	Shelterwood	42290 - Natural Mixed Pine	Cutting Record	No
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Prescription Thin to 60 BA. Cut all merchantable jack pine. Retain oak and a component of paper birch. Leave high quality red and white pine for a seed source. Make sure to space out leave trees to allow for scarification post harvest.

Next Step SitePrep, Scarification; Monitoring, Natural Regen (Intermediate)

Acceptable red pine, white pine, jack pine

Other
Comment:

Site Condition:

Proposed Start Date: 10/01/2026

13	42013013-Cut	40.5	429 - Mixed Upland Conifers	9	81	81-110	Harvest	Selection	6131 - Hemlock, White Pine, Maple, Birch	Current	No
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Prescription Retain 50-60 ft2 basal area of white pine, hemlock and quality red maple. Retain hemlock unless needed for maneuverability. Leave 1 to 2 large birch per acre. Harvest spruce, balsam and beech.

Next Step SitePrep, Scarification; Monitoring, Natural Regen (Re-Inventory)

Acceptable hemlock, white pine, red maple, paper birch

Other
Comment:

Site Condition:

Proposed Start Date: 10/01/2026

18	42013018-Cut	102.1	42110 - Planted Red Pine	7	88	51-80	Harvest	Clearcut	4211 - Planted Red Pine	Planting Record	No
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Prescription Harvest all species present. Pocket retention 3-5% strategically placed to facilitate cultivation operations. Leave non-red pine in the red line for wildlife benefit.

Next Step SitePrep, Roller Chopping; SitePrep, Trenching; Pesticide, Skidder - Site Prep; Pesticide, Aerial - Site Prep; Planting, Trenched Plant; Treatments: Planting, Unfurrowed; Monitoring, Artificial Regen; Monitoring, Artificial Regen; Planting, Interplant

Acceptable Planted red pine

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
42 42013042-Cut	69.1	42111 - Planted Red Pine, Mixed Deciduous	7	94	1-50	Harvest	Clearcut	4211 - Planted Red Pine	Planting Record	No
<u>Prescription</u> Harvest all species present. Pocket retention 3-5% strategically placed for cultivation operations. Leave non-red pine in the boundary to benefit wildlife. <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> Planted red pine <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										
43 42013043-Cut	24.3	42290 - Natural Mixed Pine	9	95	111-140	Harvest	Selection	42290 - Natural Mixed Pine	Planting Record	No
<u>Prescription</u> Harvest all jack pine and aspen. Harvest birch but leave 1 mature birch per acre and retain a component of white pine over 20 inches. Target <u>Specs:</u> red and white pine for harvest. Target residual basal area range is 40 - 80, average of 60. <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory); SitePrep, Scarification <u>Treatments:</u> <u>Acceptable</u> red pine, white pine, jack pine, aspen, birch, red maple <u>Regen:</u> <u>Other</u> Natural pine guidance: expanding gap variant. <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										
45 42013045-Cut	40.9	42110 - Planted Red Pine	9	94	81-110	Harvest	Selection	4211 - Planted Red Pine	Planting Record	No
<u>Prescription</u> Thin stand to 60-70 BA. Leave 1 log sized oak per 2 acres where possible. Open up 1 tree length around large oak, even if the BA falls <u>Specs:</u> below 60. Cut all other oak to promote regeneration and mitigate the impending threat of oak wilt. Retain a component <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> red pine, white pine, red oak <u>Regen:</u> <u>Other</u> Long term objective of natural pine. <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										
52 42013052-Cut	28.9	42200 - Natural White Pine	9	109	51-80	Harvest	Selection	4220 - Natural White Pine	Cutting Record	No
<u>Prescription</u> Cut 1 gap every two acres (approx. 15 gaps). Gaps should vary in size from 50-100' diameter. Gaps should be placed to release advanced <u>Specs:</u> regeneration and allow new seedlings to sprout. Retain white pine greater than 24 inches and all oak. Target residual ba <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory); SitePrep, Scarification <u>Treatments:</u> <u>Acceptable</u> red pine, white pine <u>Regen:</u> <u>Other</u> Take care not to damage advanced regeneration when possible. Wildlife to monitor old hawk nest within stand for activity (see 3L <u>Comment:</u> SC).Natural pine guidance: Continuous Cover <u>Site Condition:</u> <u>Proposed Start Date:</u> 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
60 42013060-Cut	39.0	42141 - Planted Mixed Pine, Mixed Deciduous	9	94	51-80	Harvest	Shelterwood	42141 - Planted Mixed Pine, Mixed Deciduous	Cutting Record	No
<u>Prescription</u> Cut all jack pine. Cut all deciduous species. Leave 20-30 BA of a combination of white pine, red pine and red oak. Be sure to leave large, mast producing oak as residuals. Open up at least one tree length around residual oak, even if the BA drops below 20 <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> red pine, white pine, jack pine, paper birch, red oak <u>Regen:</u> <u>Other</u> Long term overtype objective: Natural white pine <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										
61 42013061-Cut	20.2	4319 - Mixed Upland Forest	9	95	81-110	Harvest	Seed Tree	4319 - Mixed Upland Forest	Planting Record	No
<u>Prescription</u> Cut all merchantable red maple, aspen, paper birch, spruce and jack pine. Thin the rest to 10-20. Do not cut hemlock. Leave one birch per acre. Leave white pine greater than 24 inches. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> paper birch, white pine, red pine, jack pine, red maple, hemlock, aspen, spruce <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										

Approved Treatments:

3 42013003-Monitor	31.3	4211 - Planted Red Pine	0	3	Immature	Monitoring	Monitoring - Regeneration	4211 - Planted Red Pine		No
<u>Prescription</u> <u>Specs:</u> <u>Next Step</u> ; Monitoring, Artificial Regen <u>Treatments:</u> <u>Acceptable</u> RP <u>Regen:</u> <u>Other</u> Percent to Treat = 100% <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2024										

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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
33 42013033-Monitor	40.5	4211 - Planted Red Pine	0	2	Immature	Monitoring	Monitoring - Regeneration	42110 - Planted Red Pine	Planting Record	No
<u>Prescription</u> <u>Specs:</u> <u>Next Step</u> Pesticide, Skidder - Release <u>Treatments:</u> <u>Acceptable</u> red pine with a mix of jack pine and deciduous <u>Regen:</u> <u>Other</u> Percent to Treat = 100% <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2025										
38 42013038-Monitor	20.0	42110 - Planted Red Pine	8	94	1-50	Monitoring	Monitoring - Regeneration	42290 - Natural Mixed Pine	Cutting Record	No
<u>Prescription</u> monitor for success of scarification. <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> mixed red and jack pine <u>Regen:</u> <u>Other</u> Percent to Treat = 100% <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										
39 42013039-Monitor	52.5	42140 - Planted Mixed Pine	7	94	1-50	Monitoring	Monitoring - Regeneration	42260 - Natural Pine, Mixed Deciduous	Cutting Record	No
<u>Prescription</u> Monitor for scarification success. <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> any mix of red and jack pine if natural regen falls plant to red pine <u>Regen:</u> <u>Other</u> Percent to Treat = 100% <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										

Total Treatment 515.4
Acreage Proposed:



Availability for Management

Total	Acres	Acres Avail	Acres	Dominant Site Conditions		
Acres	Available	With Condition	Not Available	5C	2F	3L
5	5	0	0	Aspen		
19	17	0	2	Hemlock	2	
87	87	0	0	Jack Pine		
52	53	0	0	Mixed Upland Deciduous		
201	195	0	6	Natural Mixed Pines	6	
75	44	31	0	Oak	31	
39	39	0	0	Paper Birch		
251	241	0	10	Planted Mixed Pines		10
602	602	0	0	Red Pine		
322	322	0	0	Upland Conifers		
52	52	0	0	Upland Mixed Forest		
8	8	0	0	Upland Spruce/Fir		
116	93	0	23	White Pine	23	
1,830	1,758	31	40	Total Forested Acres	31	10
	96%	2%	2%	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		2F: Too steep	23	Unspecified	Unspecified	Unspecified	Unspecified
Comments:								
2	Unavailable		2F: Too steep	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments:								

Report 4 – Site Conditions

Newberry Mgt. Unit
Amy Livermore: Examiner

Compartment: 13
Year of Entry: 2027



3	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	31	Unspecified	Unspecified	Unspecified	Unspecified
Comments: 2027 YOE treatment proposed and rejected at that time.							
9	Unavailable	5E: Long-Term Retention	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments: stand harvested last rotation, stand in the process of regenerating							
12	Unavailable	3L: Other wildlife concerns	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Hawk Nest with buffer found in 2010							
16	Unavailable	3L: Other wildlife concerns	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments: reserved for travel corridor and habitat connectivity							
25	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
31	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
32	Unavailable	5E: Long-Term Retention	3	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	42350 - Upland Hemlock	Sawtimber Well	17.4	188	1-50	N/A	stand cut at part of "Seven Mile Birch 012-89" sale regenerating well to a mixed stand mostly RM and BF																																																				
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Hemlock</td><td>80</td><td></td><td>14</td><td>188</td></tr><tr><td>White Pine</td><td>20</td><td></td><td>18</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Hemlock	80		14	188	White Pine	20		18		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Paper Birch</td><td>Low</td><td>Variable</td><td>Variable</td></tr><tr><td>Balsam Fir</td><td>Medium</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>Red Maple</td><td>High</td><td>Variable</td><td>Variable</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Paper Birch	Low	Variable	Variable	Balsam Fir	Medium	Variable	Variable	White Pine	Low	Variable	Variable	Red Maple	High	Variable	Variable																				
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White Pine	Low	Variable	Variable																																																								
Red Maple	High	Variable	Variable																																																								
2	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	9.0	47	1-50	N/A	Stand Cut in 1987 regenerated to a mixed stand mostly RM, BF, and PB																																																				
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Yellow Birch</td><td>2</td><td>Log</td><td>3</td><td></td></tr><tr><td>Balsam Fir</td><td>30</td><td>Sapling</td><td>6</td><td></td></tr><tr><td>White Pine</td><td>5</td><td></td><td>12</td><td>98</td></tr><tr><td>Hemlock</td><td>1</td><td>Seedling</td><td>5</td><td></td></tr><tr><td>Beech</td><td>1</td><td>Log</td><td>2</td><td></td></tr><tr><td>Paper Birch</td><td>20</td><td>Sapling</td><td>6</td><td></td></tr><tr><td>Red Maple</td><td>33</td><td>Pole</td><td>4</td><td>47</td></tr><tr><td>Black Spruce</td><td>2</td><td>Pole</td><td>4</td><td></td></tr><tr><td>Quaking Aspen</td><td>4</td><td>Sapling</td><td>6</td><td></td></tr><tr><td>Red Pine</td><td>2</td><td>Seedling</td><td>8</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Yellow Birch	2	Log	3		Balsam Fir	30	Sapling	6		White Pine	5		12	98	Hemlock	1	Seedling	5		Beech	1	Log	2		Paper Birch	20	Sapling	6		Red Maple	33	Pole	4	47	Black Spruce	2	Pole	4		Quaking Aspen	4	Sapling	6		Red Pine	2	Seedling	8			
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3	4211 - Planted Red Pine	Unspecified	31.3	3	Immature		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Red Pine</td><td>High</td><td>< 5 feet</td><td>< 5 feet</td></tr></table>	Sub-Canopy Species	Density	Avg. Height	Size	Red Pine	High	< 5 feet	< 5 feet																																												
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Red Pine	High	< 5 feet	< 5 feet																																																								
						5/17/2025 Replant 223 trees per acre779 total trees per acre, nice site wide trenches.2024 Artificial Regen Linear Survey Report:Forest Resource Services SPP: RPPlanted TPA: 799Survived TPA: 608% mortality: 24Height: 1.3 Notes: high mortality- replantScheduled for replant. First year regeneration survey: RP 767 TPA at 98% FTG.Site planted with 791 TPA red pine on 5/10/2022.Trenched in summer 2019. Site prep sprayed on 8/31/21. To be planted to red pine in spring 2021. FTP 42-928.2019: Clearcut in 2018 as part of Mini Godzilla, #010-17. One tree/acre left as retention. Regen 2014: Red pine 46 TPA, jack pine 28 TPA, white pine 356 TPA.Regen 2013: Red pine 685 TPA, aspen 201 TPA, white pine 604 TPA, jack pine 201 TPA. Not stocked in unit 3.																																																					
4	42210 - Natural Red Pine	Poletimber Medium	37.1	93	51-80		N/A	cut as part of "Section 18 Pine 034-07"Regen 2014: Red pine 46 TPA, jack pine 28 TPA, white pine 356 TPA.Regen 2013: Red pine 685 TPA, aspen 201 TPA, white pine 604 TPA, jack pine 201 TPA. Fully stocked in units 1 and 2.																																																			
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5	42260 - Natural Pine, Mixed Deciduous	Sawtimber Well	6.2	94	111-140	N/A	steep slope not harvested when adjacent stand were harvested																																																				

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
6	42210 - Natural Red Pine	Sawtimber Poor	10.9	93	1-50	N/A	cut as part of "Section 18 Pine 034-07"
<div><div>Canopy Species</div><div>% Cover</div><div>Size Class</div><div>DBH</div><div>Age</div></div>			<div><div>Sub-Canopy Species</div><div>Density</div><div>Avg. Height</div><div>Size</div></div>				Regen 2014: Red pine 46 TPA, jack pine 28 TPA, white pine 356 TPA. Regen 2013: Red pine 685 TPA, aspen 201 TPA, white pine 604 TPA, jack pine 201 TPA. Fully stocked in units 1 and 2.
<div>Red Pine</div> <div>100</div> <div></div> <div>12</div> <div>93</div>			<div>White Pine</div> <div>Low</div> <div>Variable</div> <div>Variable</div>				
			<div>Balsam Fir</div> <div>Low</div> <div>Variable</div> <div>Variable</div>				
			<div>Black Spruce</div> <div>Medium</div> <div>Variable</div> <div>Variable</div>				
7	429 - Mixed Upland Conifers	Sawtimber Medium	15.6	93	81-110	N/A	
<div><div>Canopy Species</div><div>% Cover</div><div>Size Class</div><div>DBH</div><div>Age</div></div>			<div><div>Sub-Canopy Species</div><div>Density</div><div>Avg. Height</div><div>Size</div></div>				
<div>Black Spruce</div> <div>5</div> <div>Seedling</div> <div>7</div> <div></div>			<div>Red Maple</div> <div>Medium</div> <div>Variable</div> <div>Variable</div>				
<div>Hemlock</div> <div>40</div> <div></div> <div>10</div> <div></div>			<div>Balsam Fir</div> <div>High</div> <div>Variable</div> <div>Variable</div>				
<div>White Pine</div> <div>50</div> <div></div> <div>13</div> <div>93</div>			<div>Hemlock</div> <div>Low</div> <div>Variable</div> <div>Variable</div>				
<div>Red Pine</div> <div>5</div> <div></div> <div>12</div> <div></div>			<div>White Pine</div> <div>Low</div> <div>Variable</div> <div>Variable</div>				
8	42260 - Natural Pine, Mixed Deciduous	Sapling Poor	16.3	6	1-50	N/A	Stand can be considered regenerated. Good mix of multiple ages and sizes of red pine regen and recruits; 6 inches to 7+ ft. tall. Stand is mixed with maple stump sprouts and single stem regen, some JP and good white pine. Residual red pine overstory of 10-20 BA.Overstory removal harvest in 2018 as part of Mini Godzilla, #010-17, to release advanced regeneration. 10 RP/ac left as well as oak.Stand was originally planted in 1940.
<div><div>Canopy Species</div><div>% Cover</div><div>Size Class</div><div>DBH</div><div>Age</div></div>							
<div>White Pine</div> <div>30</div> <div>Log</div> <div>2</div> <div></div>							
<div>Red Pine</div> <div>30</div> <div>Pole</div> <div>4</div> <div></div>							
<div>Jack Pine</div> <div>10</div> <div>Log</div> <div>2</div> <div></div>							
<div>Red Maple</div> <div>30</div> <div>Log</div> <div>4</div> <div>6</div>							
9	4319 - Mixed Upland Forest	Sapling Well	8.8	24	Immature	N/A	Stand regenerating to good mix, cut as part of "The Casper Sale 029-97"
<div><div>Canopy Species</div><div>% Cover</div><div>Size Class</div><div>DBH</div><div>Age</div></div>							
<div>Paper Birch</div> <div>3</div> <div>Log</div> <div>3</div> <div></div>							
<div>White Pine</div> <div>3</div> <div>Log</div> <div>2</div> <div></div>							
<div>Red Maple</div> <div>40</div> <div>Log</div> <div>4</div> <div>24</div>							
<div>White Spruce</div> <div>2</div> <div>Log</div> <div>3</div> <div></div>							
<div>Balsam Fir</div> <div>10</div> <div>Pole</div> <div>4</div> <div></div>							
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<div>Jack Pine</div> <div>2</div> <div>Log</div> <div>4</div> <div></div>							
10	42340 - Upland Spruce/Fir	Sapling Well	8.4	23	Immature	N/A	Casper Sale 029-97
<div><div>Canopy Species</div><div>% Cover</div><div>Size Class</div><div>DBH</div><div>Age</div></div>							
<div>Balsam Fir</div> <div>50</div> <div>Log</div> <div>2</div> <div>23</div>							
<div>Black Spruce</div> <div>10</div> <div>Log</div> <div>2</div> <div></div>							
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<div>White Pine</div> <div>10</div> <div></div> <div>16</div> <div></div>							
<div>Red Maple</div> <div>10</div> <div>Log</div> <div>2</div> <div></div>							
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																							
11	42100 - Planted White Pine	Sawtimber Medium	24.8	85	51-80	N/A	Casper Sale 029-97																																																							
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12	42290 - Natural Mixed Pine	Sawtimber Well	6.1	100	111-140	N/A																																																								
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14	42350 - Upland Hemlock	Sawtimber Medium	6.5	188		N/A																																																								
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15	429 - Mixed Upland Conifers	Sapling Well	13.8	34	Immature	N/A	Sale cut as part of "Seven Mile Birch 012-89"																																																							
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Stand	Level 4 Cover Type	Size Density		Acres	Stand Age	BA Range	Managed Site	General Comments																																																		
16	4123 - Red Oak	Poletimber Poor		43.5	73	1-50	N/A	Stand harvested in 2020 via Overstory removal: East Side Pine - 42-014-17. Stand harvested as part of "Big Corner JP 044-97" Previous inventory planting date on red pine was 1931.																																																		
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Red Maple	Trace	Variable	Variable																																																							
17	429 - Mixed Upland Conifers	Poletimber Well		5.4	47	1-50	N/A	Small stand just coming into pole size. Large log white pine scattered on middle and west side.																																																		
<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>2</td><td>Pole</td><td>3</td><td></td></tr><tr><td>White Pine</td><td>4</td><td>Pole</td><td>4</td><td></td></tr><tr><td>Yellow Birch</td><td>1</td><td>Log</td><td>4</td><td></td></tr><tr><td>Balsam Fir</td><td>35</td><td>Seedling</td><td>6</td><td>47</td></tr><tr><td>White Pine</td><td>5</td><td></td><td>14</td><td></td></tr><tr><td>Red Maple</td><td>3</td><td>Log</td><td>3</td><td></td></tr><tr><td>Hemlock</td><td>20</td><td>Pole</td><td>4</td><td></td></tr><tr><td>Paper Birch</td><td>15</td><td>Seedling</td><td>6</td><td></td></tr><tr><td>Quaking Aspen</td><td>15</td><td>Sapling</td><td>6</td><td></td></tr></table>				Canopy Species	% Cover	Size Class	DBH		Age	Red Pine	2	Pole	3		White Pine	4	Pole	4		Yellow Birch	1	Log	4		Balsam Fir	35	Seedling	6	47	White Pine	5		14		Red Maple	3	Log	3		Hemlock	20	Pole	4		Paper Birch	15	Seedling	6		Quaking Aspen	15	Sapling	6					
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18	42110 - Planted Red Pine	Sawtimber Poor		102.1	88	51-80	N/A	Regen 2013: Red pine 570 TPA. Landing had tons of regen.Regen 2014: Jack pine 45 TPA, white pine 456 TPA, red pine 45 TPA.Logging Grade Pine 047-07																																																		
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19	42110 - Planted Red Pine	Sawtimber Poor		43.8	94	1-50	N/A	Overstory removal cut in 2018 as part of South Bluff Pine, #012-17. Advanced regeneration present. Left approx. 10 BA of red pine and all oak. Excellent red pine regen																																																		
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Paper Birch</td><td>1</td><td>Seedling</td><td>6</td><td></td></tr><tr><td>Red Oak</td><td>5</td><td></td><td>8</td><td></td></tr><tr><td>Red Pine</td><td>94</td><td></td><td>12</td><td>94</td></tr></table>				Canopy Species	% Cover	Size Class	DBH		Age	Paper Birch	1	Seedling	6		Red Oak	5		8		Red Pine	94		12	94	<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Jack Pine</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Red Pine</td><td>Medium</td><td>< 5 feet</td><td>< 5 feet</td></tr></table>				Sub-Canopy Species	Density	Avg. Height	Size	Jack Pine	Medium	5 - 10 feet	5 - 10 feet	Red Pine	Medium	< 5 feet	< 5 feet																		
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																		
20	429 - Mixed Upland Conifers	Sapling Poor	72.7	17	1-50	N/A	Regen 2013: Jack pine 776 TPA. Fully stocked.Regen 2014: Jack pine 292 TPA and white pine 127 TPA.Logging Grade Jack Pine 046-07																																																		
<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>45</td><td>Log</td><td>1</td><td>17</td></tr><tr><td>Red Pine</td><td>10</td><td></td><td>11</td><td>94</td></tr><tr><td>Quaking Aspen</td><td>11</td><td>Log</td><td>1</td><td></td></tr><tr><td>Red Maple</td><td>1</td><td>Log</td><td>1</td><td></td></tr><tr><td>White Pine</td><td>1</td><td>Log</td><td>1</td><td></td></tr><tr><td>Bigtooth Aspen</td><td>25</td><td>Log</td><td>2</td><td></td></tr><tr><td>Black Spruce</td><td>5</td><td>Log</td><td>1</td><td></td></tr><tr><td>Paper Birch</td><td>2</td><td>Pole</td><td>3</td><td></td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Jack Pine	45	Log	1	17	Red Pine	10		11	94	Quaking Aspen	11	Log	1		Red Maple	1	Log	1		White Pine	1	Log	1		Bigtooth Aspen	25	Log	2		Black Spruce	5	Log	1		Paper Birch	2	Pole	3						
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21	4211 - Planted Red Pine	Unspecified	17.7	3	Immature		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Red Pine</td><td>High</td><td>< 5 feet</td><td>< 5 feet</td></tr></table>	Sub-Canopy Species	Density	Avg. Height	Size	Red Pine	High	< 5 feet	< 5 feet																																										
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22	429 - Mixed Upland Conifers	Sapling Well	85.1	7	Immature	N/A	2024 Artificial Regen Linear Survey Report:Forest Resource Services SPP: RPPlanted TPA: 823Survived TPA: 667% mortality: 19% free to grow: 89Height: 1.1Notes: high mortality-replantFirst year regeneration survey: RP 7301 TPA at 97% FTG.Site planted with 771 TPA of red pine on 5/9/2022.Site prep sprayed 8/17/21.10/2019: Trenched in summer 2019. To be planted to RP in spring 2021.Final harvested in 2018, Kissing Cousins (#011-17), leaving approx. 1 tree/acre. FTP 42-930 for trench and plant to red pine.Regen 2014: Jack pine 45 TPA, white pine 456 TPA, red pine 45 TPA.Thinned with Logging Grade Pine 047-07																																																		
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Canopy Species	% Cover	Size Class	DBH	Age																																																					
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23	42110 - Planted Red Pine	Sawtimber Poor	8.9	94	1-50	N/A	Seed Tree harvested in 2018, Kissing Cousins (#011-17). FTP 42-929 for scarification to promote mixed pine where aspen isn't dominate. Regen 2014: Jack pine 45 TPA, red pine 45 TPA, white pine 456 TPA																																																		
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
24	42110 - Planted Red Pine	Sawtimber Poor	15.9	94	1-50	N/A	Stand harvested in 2020 via Overstory removal: East Side Pine - 42-014-17.Stand harvested as part of "Big Corner JP 044-97"		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
White Pine	10		13		Jack Pine	High		Variable	Variable
Red Pine	85		14	94	Red Oak	Low		Variable	Variable
Red Oak	5		11		White Pine	Low		Variable	Variable
					Red Pine	Medium		Variable	Variable
25	42110 - Planted Red Pine	Sawtimber Poor	8.5	89	1-50	N/A	Seed tree harvested in 2018 as part of Mini Godzilla, #010-17. 10-20 BA of pine retained. To be scarified in 2019 under FTP 42-927.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	
Red Pine	90		13	89	Red Maple	Full	5 - 10 feet	5 - 10 feet	
White Pine	10		11		Aspen (spp.)	Low	5 - 10 feet	5 - 10 feet	
					White Pine	Trace	>20 feet	>20 feet	
					Red Pine	Trace	>20 feet	>20 feet	
					Balsam Fir	Low	5 - 10 feet	5 - 10 feet	
26	42140 - Planted Mixed Pine	Sawtimber Medium	9.5	89	51-80	N/A	Seed tree harvested in 2018 as part of Mini Godzilla, #010-17. 10-20 BA of pine retained. To be scarified in 2019 under FTP 42-927.+ 2019 Scarified		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	
Hemlock	10	Sapling	7		White Pine	Low	Variable	Variable	
Paper Birch	5	Seedling	7		Red Pine	Trace	>20 feet	>20 feet	
White Pine	55		12	89	Bigtooth Aspen	Low	Variable	Variable	
Red Pine	30		14		Balsam Fir	High	Variable	Variable	
27	4222 - Natural Jack Pine	Unspecified	86.9	7	Immature		Clearcut in 2018 as part of Mini Godzilla, #010-17. To be scarified in 2019 under FTP 42-927.		
					Sub-Canopy Species	Density	Avg. Height	Size	
					Jack Pine	Medium	5 - 10 feet	5 - 10 feet	
					Black Spruce	Low	5 - 10 feet	5 - 10 feet	
					Balsam Fir	Low	5 - 10 feet	5 - 10 feet	
					Red Maple	High	5 - 10 feet	5 - 10 feet	
28	42290 - Natural Mixed Pine	Sawtimber Well	19.9	81	81-110	N/A	Split from stand 51. This is un treated southern portion.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	
Red Pine	55		8	81	White Pine	High	>20 feet	>20 feet	
Red Oak	10		9		Paper Birch	Low	>20 feet	>20 feet	
Paper Birch	5	Sapling	7		Red Oak	Low	< 5 feet	< 5 feet	
White Pine	30		12						

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																		
29	4133 - Aspen, Mixed Pine	Sapling Well	4.8	7	1-50	N/A	Seed tree harvested in 2018 as part of Mini Godzilla, #010-17. To be scarified in 2019 under FTP 42-927.																																		
<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>5</td><td></td><td>13</td><td></td></tr><tr><td>Red Maple</td><td>25</td><td>Log</td><td>2</td><td></td></tr><tr><td>White Pine</td><td>10</td><td>Log</td><td>2</td><td></td></tr><tr><td>Red Pine</td><td>20</td><td></td><td>12</td><td>81</td></tr><tr><td>Quaking Aspen</td><td>40</td><td>Log</td><td>2</td><td>7</td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	White Pine	5		13		Red Maple	25	Log	2		White Pine	10	Log	2		Red Pine	20		12	81	Quaking Aspen	40	Log	2	7				
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Red Pine	20		12	81																																					
Quaking Aspen	40	Log	2	7																																					
30	42290 - Natural Mixed Pine	Sawtimber Medium	19.3	80	1-50	N/A	mixed stand more red pine to east, white pine to south appears to have been harvested, regen coming in under over story pine																																		
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31	4140 - Other Upland Deciduous	Poletimber Well	39.2	47	1-50	N/A																																			
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32	42290 - Natural Mixed Pine	Sawtimber Medium	4.9	49	1-50	N/A																																			
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
33	4211 - Planted Red Pine	Unspecified	40.5	2	Immature		2024 Artificial Regen Linear Survey Report:Forest Resource Services SPP: RPPlanted TPA: 832Survived TPA: 798% mortality: 4% free to grow: 96Height: .5Notes: site is nuked, some oak regenStand planted to red pine via initial plant on 5/2/24 to 934 TPA. Average spacing of 8.6 feet. Site was site prep sprayed via Skidder on 8/31/2023. Site was trenched in summer of 2022.Stand harvested in 2020 via Clearcut with Retention: East Side Pine - 42-014-17.Post compartment review change approved: This portion of the site after harvest of the previously larger stand will keep the original management objective of planted red pine along with the currently prescribed next step treatments. It is being proposed that skidder and aerial spraying for site prep and release be added to the list of potential next steps for this stand.Stand has been harvested as part of sale "Big Corner JP 044-97" and as part of "Big Corner Pine Revisit 036-07". Do regen checkRegen 2015: Jack pine 33 TPA, Red pine 123 TPA, white pine 132 TPA, oak 1155 TPA. Surveyed with stand 34 and 35.
34	42141 - Planted Mixed Pine, Mixed Deciduous	Sawtimber Medium	72.8	94	51-80	N/A	stand harvested as part of "Big Corner Pine Revisit 036-07"Regen 2015: Jack pine 33 TPA, Red pine 123 TPA, white pine 132 TPA, oak 1155 TPA. Surveyed with stand 33 and 35.
35	42111 - Planted Red Pine, Mixed Deciduous	Sawtimber Medium	15.3	94	51-80	N/A	Regen 2015: Jack pine 33 TPA, Red pine 123 TPA, white pine 132 TPA, oak 1155 TPA. Surveyed with stand 33 and 34.Cut as part of Big Corner Pine Revisit 42-07 in 2010
36	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Medium	29.6	95	1-50	N/A	Cut as part of Cement Monument Jack Pine 35-07Stand originally planted in 1930

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																													
37	42111 - Planted Red Pine, Mixed Deciduous	Sawtimber Poor	15.0	95	1-50	N/A	Regeneration Check: 10/18/2019 - Planted JP 750 TPA, Volunteer JP 75 TPA. Passed. Some diversity in regeneration w/ association of RO and RM. Regen Survey: Fall of 2021 - 436 TPA Jack Pine. 6/9/19 Stocking = Planted 1339 trees/ac. 1117 trees/ac plot data, 952 trees/ac linear data. Total cost = \$259.55/ac Majority of stand (11.2 acres) were trenched on 6/13/18. Trenched around residual standing trees. Planting to jack pine to be completed next spring. FTP C42-913. Stand updated to 2 aged stand with MO of planted JP.																																													
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38	42110 - Planted Red Pine	Sawtimber Medium	20.0	94	1-50	N/A	Scarify completed 8/2024 Stand harvested 2019 SOS Pine 013-17 Stand harvested as part of sale "Compartment 13 Mix 037-07" Regen 2015: Red pine 25 TPA, jack pine 25 TPA, white pine 126 TPA, beech 152 TPA. Surveyed with stand 59.																																													
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Paper Birch</td><td>5</td><td>Seedling</td><td>6</td><td></td></tr><tr><td>Red Pine</td><td>95</td><td></td><td>14</td><td>94</td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age	Paper Birch	5	Seedling	6		Red Pine	95		14	94	<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Balsam Fir</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></table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Low	Variable	Variable	White Pine	Low	Variable	Variable																						
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39	42140 - Planted Mixed Pine	Sawtimber Poor	62.9	94	1-50	N/A	Scarify completed 8/2024 Stand was harvested in late fall 2021 as part of SOS Pine (42-013-22). Red and white pine was thinned to 20BA, all oak and hemlock was left for seed, retention, and wildlife.																																													
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40	42141 - Planted Mixed Pine, Mixed Deciduous	Poletimber Well	30.7	94	1-50	N/A																																														
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41	42110 - Planted Red Pine	Poletimber Well	20.1	94	51-80	N/A	Stand harvested as part of sale " Nest Tree Pine 033-07" Regen 2014: Red pine 61 TPA, white pine 611 TPA.																																													
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42	42111 - Planted Red Pine, Mixed Deciduous	Sawtimber Poor		69.1	94	1-50	N/A	Scarified 2019Seed tree harvested in 2018 as part of South Bluff Pine, #012-17. FTP 42-931. Approx. 20 BA RP and 25 BA oak left as residual, with some WP.Great oak regeneration.																																																				
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43	42290 - Natural Mixed Pine	Sawtimber Well		24.3	95	111-140	N/A																																																					
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44	4319 - Mixed Upland Forest	Sapling Well		23.1	50	1-50	N/A																																																					
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45	42110 - Planted Red Pine	Sawtimber Well		40.9	94	81-110	N/A	Long term covertime objective is natural (red) pine after subsequent treatments phase out the planted pine within the stand.																																																				
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46	42200 - Natural White Pine	Sawtimber Well		15.5	110	51-80	N/A	cut as part of "Seven Mile Airport 045-91"																																																				
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47	42141 - Planted Mixed Pine, Mixed Deciduous	Sawtimber Poor	88.9	94	1-50	N/A	Stand harvested via Seed tree with Retention: East Side Pine - 42-014-17. Stand was scarified to promote natural pine and oak regen in summer of 2020.																																													
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White Pine	High	Variable	Variable																																																	
48	42290 - Natural Mixed Pine	Sapling Medium	68.3	5	1-50	N/A	Stand harvested in 2020 via Overstory Removal: East Side Pine - 42-014-17. Stand harvested as part of "Big Corner JP 044-97" Old railroad grade present bisecting the site. ORV trail crosses the stand. Many patches of thick rp regen 5-15'																																													
<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>15</td><td>Log</td><td>2</td><td></td></tr><tr><td>White Pine</td><td>10</td><td>Log</td><td>2</td><td></td></tr><tr><td>Red Oak</td><td>5</td><td>Log</td><td>1</td><td></td></tr><tr><td>Red Oak</td><td>5</td><td></td><td>12</td><td></td></tr><tr><td>Red Maple</td><td>5</td><td>Log</td><td>2</td><td></td></tr><tr><td>Jack Pine</td><td>40</td><td>Log</td><td>2</td><td>5</td></tr><tr><td>Red Pine</td><td>20</td><td></td><td>14</td><td>94</td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Red Pine	15	Log	2		White Pine	10	Log	2		Red Oak	5	Log	1		Red Oak	5		12		Red Maple	5	Log	2		Jack Pine	40	Log	2	5	Red Pine	20		14	94										
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49	42110 - Planted Red Pine	Sawtimber Medium	18.4	94	1-50	N/A	Cement Monument Jack Pine 035-07, completed 2010.																																													
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50	4122 - Oak, Pine	Sawtimber Well	31.4	91	81-110	N/A																																														
<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>23</td><td></td><td>9</td><td></td></tr><tr><td>Paper Birch</td><td>5</td><td>Seedling</td><td>7</td><td></td></tr><tr><td>Jack Pine</td><td>5</td><td></td><td>12</td><td></td></tr><tr><td>Red Oak</td><td>60</td><td></td><td>10</td><td>91</td></tr><tr><td>White Pine</td><td>7</td><td></td><td>11</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Red Pine	23		9		Paper Birch	5	Seedling	7		Jack Pine	5		12		Red Oak	60		10	91	White Pine	7		11		<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>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>White Pine</td><td>High</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Beech</td><td>High</td><td>Variable</td><td>Variable</td></tr></table>				Sub-Canopy Species	Density	Avg. Height	Size	Black Spruce	Low	5 - 10 feet	5 - 10 feet	White Pine	High	5 - 10 feet	5 - 10 feet	Beech	High	Variable	Variable
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51	429 - Mixed Upland Conifers	Sapling Poor	9.8	8	Immature	N/A	SOS Pine (42-013-17) completed fall 2021. All trees greater than 6" were harvested.																																													
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																	
52	42200 - Natural White Pine	Sawtimber Well	30.3	109	51-80	N/A	Stand harvested as part of sale "Nest Tree Pine 033-07"Regen 2014: Red pine 61 TPA, white pine 611 TPA.																																																	
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53	42290 - Natural Mixed Pine	Unspecified	36.0	6	Immature		Clearcut in 2018 as part of Mini Godzilla, #010-17. To be scarified in 2019 under FTP 42-927.																																																	
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54	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	13.9	50	1-50	N/A																																																		
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56	42110 - Planted Red Pine	Sawtimber Poor	22.9	110	1-50	N/A	Stand was harvested as part of SOS Pine (42-013-17). Harvesting completed late fall 2021. Stand was thinned to release regeneration.																																																														
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57	42110 - Planted Red Pine	Sawtimber Medium	12.7	94	51-80	N/A	Cement Monument Jack Pine 035-07, completed 2010regen check done 500 trees / ac of mixed wp, oak ,and jp in 2015 not acceptable stocking level, manage over story																																																														
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58	42200 - Natural White Pine	Sawtimber Poor	16.1	109	1-50	N/A	Stand was harvested as part of SOS Pine (42-013-17). Harvesting was complete late fall 2021. Stand was marked to thin and remove poor quality large diameter trees. Stand harvested as part of 47-79A and again as part of 45-91 to advance understory that was present.																																																														
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59	42200 - Natural White Pine	Sawtimber Well	6.6	109	51-80	N/A	Stand harvested as part of sale " Nest Tree Pine 033-07"Regen 2014: Red pine 61 TPA, white pine 611 TPA.																																																														
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60	42141 - Planted Mixed Pine, Mixed Deciduous	Sawtimber Well	39.0	94	51-80	N/A																																																															
<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>10</td><td></td><td>8</td><td></td></tr><tr><td>Red Pine</td><td>25</td><td></td><td>11</td><td></td></tr><tr><td>Paper Birch</td><td>5</td><td>Seedling</td><td>6</td><td></td></tr><tr><td>White Pine</td><td>25</td><td></td><td>14</td><td>94</td></tr><tr><td>White Pine</td><td>15</td><td>Seedling</td><td>9</td><td>45</td></tr><tr><td>Red Oak</td><td>20</td><td></td><td>11</td><td></td></tr></table>			Canopy Species	% Cover	Size Class	DBH	Age	Jack Pine	10		8		Red Pine	25		11		Paper Birch	5	Seedling	6		White Pine	25		14	94	White Pine	15	Seedling	9	45	Red Oak	20		11		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Beech</td><td>Medium</td><td>Variable</td><td>Variable</td></tr><tr><td>Black Spruce</td><td>Medium</td><td>Variable</td><td>Variable</td></tr><tr><td>Red Maple</td><td>Low</td><td>< 5 feet</td><td>< 5 feet</td></tr><tr><td>Red Oak</td><td>Low</td><td>< 5 feet</td><td>< 5 feet</td></tr><tr><td>White Pine</td><td>High</td><td>Variable</td><td>Variable</td></tr><tr><td>Red Pine</td><td>Low</td><td>Variable</td><td>Variable</td></tr></table>			Sub-Canopy Species	Density	Avg. Height	Size	Beech	Medium	Variable	Variable	Black Spruce	Medium	Variable	Variable	Red Maple	Low	< 5 feet	< 5 feet	Red Oak	Low	< 5 feet	< 5 feet	White Pine	High	Variable	Variable	Red Pine	Low	Variable	Variable	
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																												
61	4319 - Mixed Upland Forest	Sawtimber Well	20.2	95	81-110	N/A	Uncut portion of stand 22.																																																												
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62	429 - Mixed Upland Conifers	Sapling Poor	13.0	35	1-50	N/A	stand burnt in 1991 regeneration looks good																																																												
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63	429 - Mixed Upland Conifers	Sapling Well	11.8	7	1-50	N/A	Overstory removal harvest in 2018 as part of Mini Godzilla, #42-010-17, to release advanced regeneration. 10 pine/acre left standing.																																																												
<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>30</td><td>Pole</td><td>4</td><td>7</td></tr><tr><td>White Pine</td><td>15</td><td>Log</td><td>4</td><td></td></tr><tr><td>Red Pine</td><td>2</td><td>Log</td><td>3</td><td></td></tr><tr><td>Hemlock</td><td>8</td><td>Log</td><td>4</td><td></td></tr><tr><td>Red Maple</td><td>20</td><td>Log</td><td>4</td><td></td></tr><tr><td>Red Pine</td><td>20</td><td></td><td>11</td><td>69</td></tr><tr><td>Paper Birch</td><td>5</td><td>Log</td><td>4</td><td></td></tr></table>			Canopy Species	% Cover	Size Class	DBH	Age	Balsam Fir	30	Pole	4	7	White Pine	15	Log	4		Red Pine	2	Log	3		Hemlock	8	Log	4		Red Maple	20	Log	4		Red Pine	20		11	69	Paper Birch	5	Log	4																										
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65	42111 - Planted Red Pine, Mixed Deciduous		Sawtimber Medium		50.5	94	1-50	N/A	2025 - Split off from stand to west due to higher BA.Scarified 2019Seed tree harvested in 2018 as part of South Bluff Pine, #012-17. FTP 42-931. Approx. 20 BA RP and 25 BA oak left as residual, with some WP.Great oak regeneration.																									
<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>5</td><td></td><td>9</td><td></td></tr><tr><td>Red Pine</td><td>60</td><td></td><td>13</td><td>94</td></tr></table>			Canopy Species	% Cover	Size Class	DBH	Age	White Pine		5		9		Red Pine	60		13	94	<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Red Oak</td><td>High</td><td>Variable</td><td>Variable</td></tr><tr><td>Red Pine</td><td>Medium</td><td>Variable</td><td>Variable</td></tr></table>				Sub-Canopy Species	Density	Avg. Height	Size	Red Oak	High	Variable	Variable	Red Pine	Medium	Variable	Variable
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