



Compartment Review Presentation

Grayling Forest Management Unit

Compartment 72240

Entry Year 2026

Acreage: 1,806

County: Crawford

Management Area: Camp Grayling

Stand Examiner: Scott McClarren

Legal Description:

T27N, R3W, SEC. 1,12,13

Identified Planning Goals:

The primary goal is to provide for military training while maintaining for health, productivity, species and structural diversity, and sustainability throughout the compartment. Management should facilitate military training while providing for multiple use opportunities for the public where it does not conflict with military training needs.

Soil and topography:

The majority of this compartment is comprised of Grayling sands, 0 – 10% slopes. The East half of sections 12 and 13 have greater slope intensities ranging from 10 – 40%. The wetland areas within the compartment are mostly comprised of Dawson and Leafriver mucks.

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

A majority of the compartment is state land except for some private parcels along the west edge of sections 1 and 13. Some parcels are State Military Board Lands while the remainder of state land in the compartment is under a long term lease (L-1479) with the Michigan National Guard, DMA to provide for military usage with no permanent buildings or improvements to be erected (Act 154, P.A., 1935). The compartment contains a portion of the Military's Range 30 impact area. This area is fully fenced and not open for public use. This compartment is adjacent to the eastern boundary of Hartwick Pines State Park.

Unique Natural Features:

Kirtland's warbler (*Denroica kirtlandii*), Rough Fescue (*festuca scabrella*), Hill's thistle (*cirsium hillii*), and False-violet (*Dalibarda repens*) are known to exist, or have existed, in this compartment. Management activities taking place where these species have been recorded will take into account the requirements of these species.

Archeological, Historical, and Cultural Features:

No Archeological, Historical, or Cultural Features known.

Special Management Designations or Considerations:

A portion of the Range 30 Impact Area is located in the southeastern portion of the compartment. This area is closed to the public and is bounded by a fence. The area is posted and may contain hazardous ordinances from military use.

Watershed and Fisheries Considerations:

The East Branch of the AuSable River is located ¼ mile to ¾ miles to the west of this compartment. No streams, rivers, or lakes are located within the compartment boundaries.

Wildlife Habitat Considerations:

Compartment 240 has potential to sustain about 130 acres of Pine Barrens habitat in section one, depending on the amount of Military disturbance. The southeastern portion of the compartment has many mixed oak stands, providing mast and habitat for several species of wildlife, including game species such as whitetail deer, turkey, eastern gray squirrel, and fox squirrel. The remaining areas of the compartment have varying age classes of jack pine.

Mineral Resource and Development Concerns and/or Restrictions

The compartment is within the Camp Grayling reservation area consisting of lands under a long-term lease granted to the State Military Board, and while the DNR maintains control over the mineral rights, all parcels in the compartment have been classified as non-development in the past. No known potential exists for commercial metallic mineral production in this part of the state. The State-owned Bud Hill Sand Pit is less than one mile east, and additional active pits are just over one mile south. The Bud Hill Sand Pit has not been recently leased and has not been recently evaluated for future production potential. There is potential for additional sand and gravel within the compartment, but any development would only be through a contract with the DMVA. The nearest oil & gas production, past or present, is at least four miles away. The compartment is south of the main Antrim Shale gas play. Only sparse oil & gas test drilling has occurred in and around the compartment, and no well permits have been issued recently in the area. Potential for development of hydrocarbons

from beneath the compartment is considered low at this time.

Vehicle Access:

County Roads of Lewiston Grade and Jones Lake Road bisect the compartment. There are several trail roads leading off from the main county roads of this compartment. Most are used significantly by the military during summer months. These trail roads are also used readily by snowmobilers for non-groomed recreational trail riding during the winter months. A military tank trail also exists in sections 12 and 13 along the boundary of Range 30.

Survey Needs:

None at this time.

Recreational Facilities and Opportunities:

Designated snowmobile trail #47 (Grayling-Lovells Route) bisects the compartment, running along Lewiston grade, crossing Jones Lake road, then continuing along forest trail roads to the eastern boundary of the compartment.

Fire Protection:

There does not appear to be any immediate need for fire prevention activities in this compartment at this time. In the event a wildfire occurs within the compartment, there are several water sources for suppression needs to the north at Jones Lake, and to the west at the East Branch of the AuSable River.

Additional Compartment Information:

The following reports from the Inventory are attached:

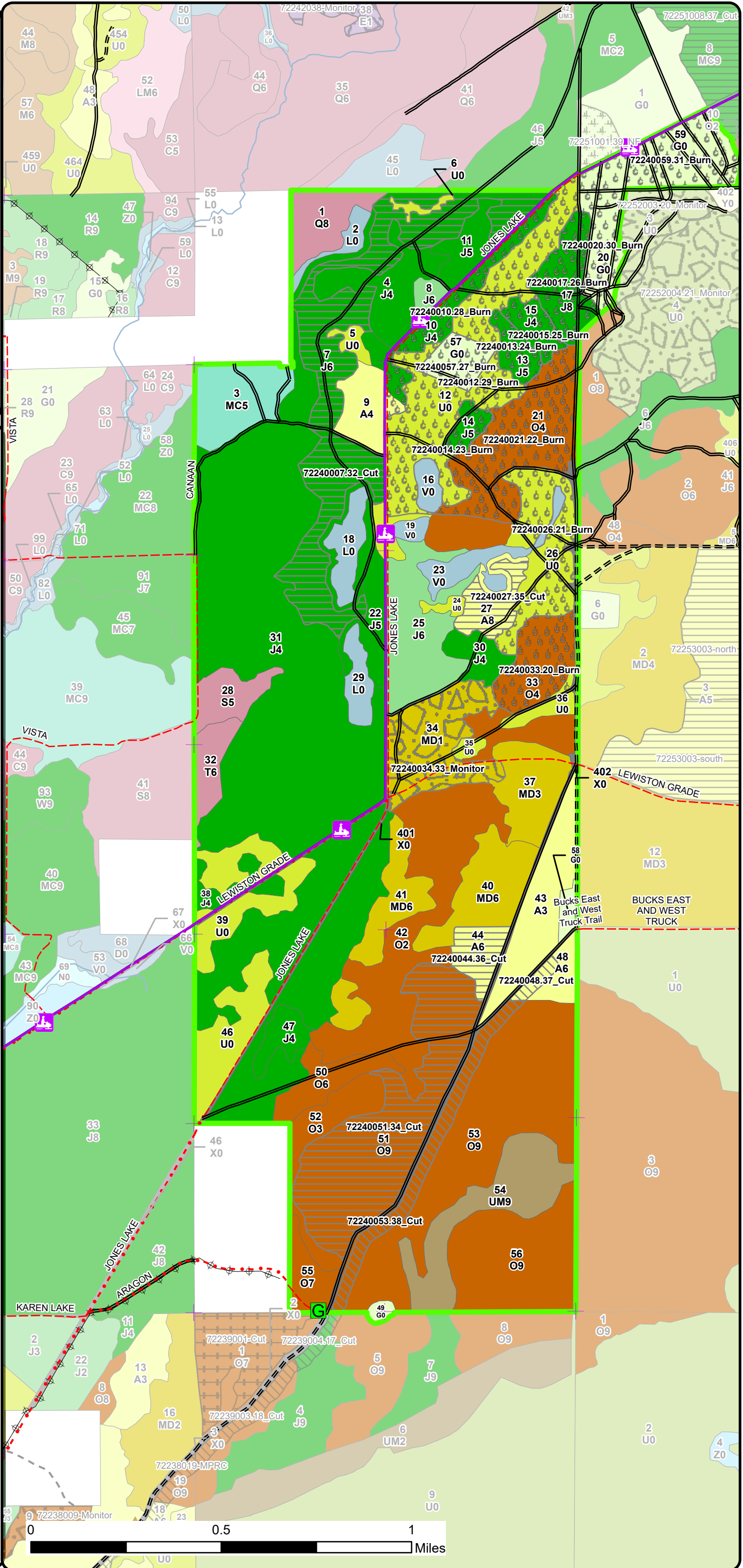
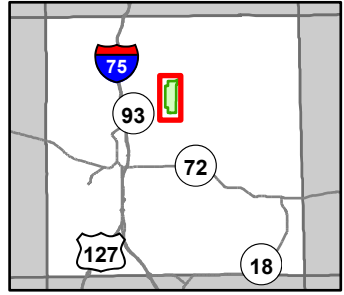
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

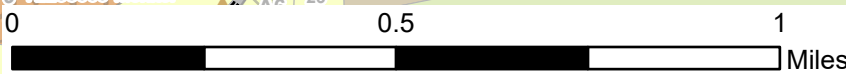
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

Compartment: 72240
 T27N, R3W, Sec: 1, 12, 13
 County: Crawford
 Unit: Grayling
 Mgmt Area: Camp Grayling
 YOE: 2026
 Acres: 1806.5 GIS Calculated
 Examiner: Scott McClarren
 Map Revised: 10/3/2024
 Map Phase: Post Review

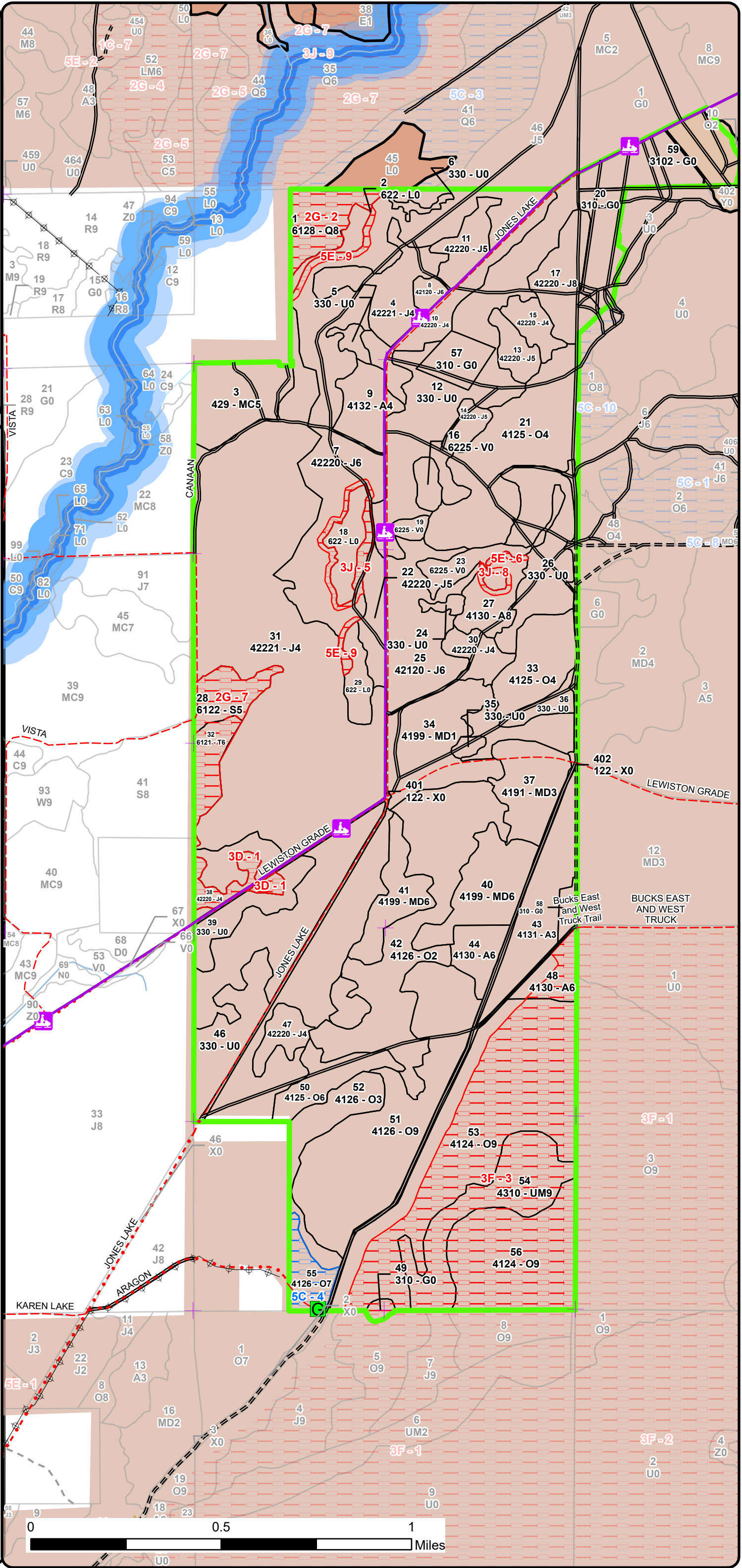
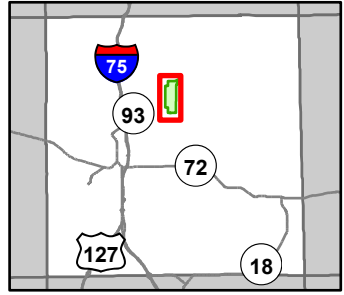


- Snowmobile Trails
- Designated Snowmobile Trails
- Remonumented Section Corners
- Berms
- Gate
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- Perennial River
- Powerline
- Compartment Boundary
- Other Harvest - See Comments
- Clearcut (w/Reserves)
- Prescribed Burn
- Regeneration Survey
- 412 - Oak Types
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 612 - Lowland Coniferous Forest
- 122 - Roads/Parking Lot
- 310 - Herbaceous Openland
- 330 - Low Density Trees
- 622 - Lowland Shrub



Special Conservation Areas & Site Conditions Map

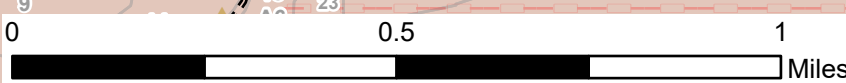
Compartment: 72240
 T27N, R3W, Sec: 1, 12, 13
 County: Crawford
 Unit: Grayling
 Mgmt Area: Camp Grayling
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- Snowmobile Trails
- Designated Snowmobile Trails
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- Berms
- Gate
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- Perennial River
- Powerline
- Compartment Boundary
- SCA
- Available w/ Constraints
- Unavailable

5C: Delay treatment for age/size class diversity or exceptional site quality
 2G: Too wet (sensitive soils, does not include access issues)
 3D: Recreational / Scenic values
 3F: Military easement / lease
 3J: Water quality / BMPs (stream, river, or lake)
 5E: Long-Term Retention

- Available w/ Constraints
- Unavailable
- Stand Boundaries
- Stand Boundaries
- Natural Rivers Vegetative Buffer
- Natural Rivers Zoning District
- Cold Water Streams
- High Priority Trout Stream Buffer
- Research, Development, and Military Lands
- Sand or Gravel Pit
- Other Habitat Area





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	34	0	17	23	16	0	0	0	0	0	0	0	0	0	0	0	90
Bog	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21
Herbaceous Openland	70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	70
Jack Pine	0	0	0	0	382	18	138	114	0	0	0	0	0	0	0	0	0	0	650
Low-Density Trees	184	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	184
Lowland Conifers	0	0	0	0	0	0	0	0	0	19	0	0	0	0	0	0	0	0	19
Lowland Shrub	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	0	14	0	0	0	0	0	0	0	0	14
Mixed Upland Deciduous	0	40	25	30	26	0	0	0	0	0	0	0	0	0	0	0	0	0	121
Oak	0	0	101	0	17	0	38	65	0	0	0	281	0	0	0	0	0	0	502
Tamarack	0	0	0	0	0	0	0	0	0	0	13	0	0	0	0	0	0	0	13
Upland Conifers	0	0	0	0	0	29	0	0	0	0	0	0	0	0	0	0	0	0	28
Upland Mixed Forest	0	0	0	0	0	0	0	0	0	0	0	42	0	0	0	0	0	0	42
Urban	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25
Total	327	40	160	30	442	70	192	179	0	33	13	323	0	0	0	0	0	0	1805



Report 2 – Treatment Summary

Grayling Mgt. Unit

Year of Entry: 2026

Acres of Harvest

Compartment 240

Total Compartment Acres: 1,806

Commercial Harvest - 238
 Harvests with Site Condition - 0
 Next Step Harvest - 0
 Habitat Cut - 0

Cover Type by Harvest Method

	Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Overstory Removal	Salvage	Other	Total Acres
Aspen	24	0	0	0	0	0	0	0	3	28
Jack Pine	100	0	0	0	0	0	0	0	0	100
Oak	90	0	0	0	0	0	0	0	20	110
Total	214	0	0	0	0	0	0	0	24	238

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Pruning	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	238	0	0	0	315	0	40	0	0	593
Next Step	0	0	0	0	0	0	529	0	315	844
Total	238	0	0	0	315	0	569	0	315	1437



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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:

7	72240007.32_ Cut	100.1	42220 - Natural Jack Pine	Poletimber Well	63	81-110	Harvest	Clearcut with Retention	4222 - Natural Jack Pine	Even-Aged	No
<p><u>Prescription</u> Harvest all stems 2" and greater. Leave tree length buffer around bogs (stands 2, 18, and 29). Retention has already been designated around stands 2 and 29. Include standard military specs.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Natural jack pine objective. Aspen and oak are also acceptable species. Will also a non-stocked or poorly stocked pine barrens stand.</p> <p><u>Other Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>											
10	72240010.28_ Burn	20.9	42220 - Natural Jack Pine	Poletimber Poor	57	1-50	Burn	Understory	330 - Low- Density Trees		No
<p><u>Prescription</u> Burn periodically for pine barrens restoration and maintenance. Vary the burn season when conditions allow.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Prescribed Burn</p> <p><u>Treatments:</u> ; NonForestMgt, Other - Specify</p> <p><u>Acceptable Regen:</u> Pine barrens.</p> <p><u>Other Comment:</u> Refer to the North Camp Grayling Pine Barrens Management Plan for detailed guidance. See MNFI layer for occurrences. Non-commercial treatments such as thinning, pruning ladder fuels, brush-hogging, roller-chopping, and other slash management may be done to facilitate burning.</p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>											
12	72240012.29_ Burn	71.5	330 - Low-Density Trees	Nonstocked		Unspec ified	Burn	Opening	330 - Low- Density Trees		No
<p><u>Prescription</u> Burn periodically for pine barrens restoration and maintenance. Vary the burn season when conditions allow.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Prescribed Burn</p> <p><u>Treatments:</u> ; NonForestMgt, Other - Specify</p> <p><u>Acceptable Regen:</u> Pine barrens</p> <p><u>Other Comment:</u> Refer to the North Camp Grayling Pine Barrens Management Plan for detailed guidance. See MNFI layer for occurrences. Non-commercial treatments such as thinning, pruning ladder fuels, brush-hogging, roller-chopping, and other slash management may be done to facilitate burning.</p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>											



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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13	72240013.24_Burn	8.8	42220 - Natural Jack Pine	Poletimber Medium	45	1-50	Burn	Understory	330 - Low-Density Trees	No
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Prescription Burn periodically for pine barrens restoration and maintenance. Vary the burn season when conditions allow.

Specs:

Next Step Monitoring, Prescribed Burn

Treatments: ; NonForestMgt, Other - Specify

Acceptable Pine barrens.

Regen:

Other Comment: Refer to the North Camp Grayling Pine Barrens Management Plan for detailed guidance. See MNFI layer for occurrences. Non-commercial treatments such as thinning, pruning ladder fuels, brush-hogging, roller-chopping, and other slash management may be done to facilitate burning.

Site Condition:

Proposed Start Date: 10/1 /2025

14	72240014.23_Burn	6.4	42220 - Natural Jack Pine	Poletimber Medium	55	1-50	Burn	Understory	330 - Low-Density Trees	No
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Prescription Burn periodically for pine barrens restoration and maintenance. Vary the burn season when conditions allow.

Specs:

Next Step Monitoring, Prescribed Burn

Treatments: ; NonForestMgt, Other - Specify

Acceptable

Regen:

Other Comment: Refer to the North Camp Grayling Pine Barrens Management Plan for detailed guidance. See MNFI layer for occurrences. Non-commercial treatments such as thinning, pruning ladder fuels, brush-hogging, roller-chopping, and other slash management may be done to facilitate burning.

Site Condition:

Proposed Start Date: 10/1 /2025

15	72240015.25_Burn	8.9	42220 - Natural Jack Pine	Poletimber Poor	47	1-50	Burn	Understory	330 - Low-Density Trees	No
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Prescription Burn periodically for pine barrens restoration and maintenance. Vary the burn season when conditions allow.

Specs:

Next Step Monitoring, Prescribed Burn

Treatments: ; NonForestMgt, Other - Specify

Acceptable Pine barrens.

Regen:

Other Comment: Refer to the North Camp Grayling Pine Barrens Management Plan for detailed guidance. See MNFI layer for occurrences. Non-commercial treatments such as thinning, pruning ladder fuels, brush-hogging, roller-chopping, and other slash management may be done to facilitate burning.

Site Condition:

Proposed Start Date: 10/1 /2025



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
17 72240017.26_ Burn	22.6	42220 - Natural Jack Pine	Sawtimber Medium	57	51-80	Burn	Understory	330 - Low-Density Trees		No
<p><u>Prescription</u> Burn periodically for pine barrens restoration and maintenance. Vary the burn season when conditions allow.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Prescribed Burn</p> <p><u>Treatments:</u> ; NonForestMgt, Other - Specify</p> <p><u>Acceptable</u> Pine barrens.</p> <p><u>Regen:</u></p> <p><u>Other Comment:</u> Refer to the North Camp Grayling Pine Barrens Management Plan for detailed guidance. See MNFI layer for occurrences. Non-commercial treatments such as thinning, pruning ladder fuels, brush-hogging, roller-chopping, and other slash management may be done to facilitate burning.</p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>										
20 72240020.30_ Burn	17.9	310 - Herbaceous Openland	Nonstocked		Unspec ified	Burn	Opening	330 - Low-Density Trees		No
<p><u>Prescription</u> Burn periodically for pine barrens restoration and maintenance. Vary the burn season when conditions allow.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Prescribed Burn</p> <p><u>Treatments:</u> ; NonForestMgt, Other - Specify</p> <p><u>Acceptable</u> Pine barrens.</p> <p><u>Regen:</u></p> <p><u>Other Comment:</u> Refer to the North Camp Grayling Pine Barrens Management Plan for detailed guidance. See MNFI layer for occurrences. Non-commercial treatments such as thinning, pruning ladder fuels, brush-hogging, roller-chopping, and other slash management may be done to facilitate burning.</p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/1 /2018</p>										
21 72240021.22_ Burn	53.8	4125 - Black, N. Pin Oak	Poletimber Poor	68	1-50	Burn	Understory	412 - Oak Types	Two-Aged	No
<p><u>Prescription</u> Burn periodically for pine barrens restoration and maintenance. Vary the burn season when conditions allow.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Prescribed Burn</p> <p><u>Treatments:</u> ; NonForestMgt, Other - Specify</p> <p><u>Acceptable</u> Oak objective but, will accept open oak savannah conditions as part of pine barrens management within burn area.</p> <p><u>Regen:</u></p> <p><u>Other Comment:</u> Refer to the North Camp Grayling Pine Barrens Management Plan for detailed guidance. See MNFI layer for occurrences. Non-commercial treatments such as thinning, pruning ladder fuels, brush-hogging, roller-chopping, and other slash management may be done to facilitate burning.</p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>										



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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26	72240026.21_ Burn	31.5	330 - Low-Density Trees	Nonstocked			Burn	Opening	330 - Low-Density Trees	No
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Prescription Burn periodically for pine barrens restoration and maintenance. Vary the burn season when conditions allow.

Specs:

Next Step Monitoring, Prescribed Burn

Treatments: ; NonForestMgt, Other - Specify

Acceptable Pine barrens.

Regen:

Other Comment: Refer to the North Camp Grayling Pine Barrens Management Plan for detailed guidance. See MNFI layer for occurrences. Non-commercial treatments such as thinning, pruning ladder fuels, brush-hogging, roller-chopping, and other slash management may be done to facilitate burning.

Site Condition:

Proposed Start Date: 10/1 /2025

27	72240027.35_ Cut	12.6	4130 - Aspen	Sawtimber Medium	55	51-80	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
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Prescription Harvest all stems greater than 2" DBH. Exclude a tree length buffer around the bog (stand 23). Part of the buffer has been designated as long-term retention. Include grouse drumming log and shrub protection specs. Include standard military specs.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Aspen objective. Accept moderately stocked aspen. Oak, maple, and pine are also acceptable species.

Regen:

Other

Comment:

Site Condition:

Proposed Start Date: 10/1 /2025

33	72240033.20_ Burn	25.7	4125 - Black, N. Pin Oak	Poletimber Poor	55	1-50	Burn	Understory	412 - Oak Types	Even-Aged	No
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Prescription Burn periodically for pine barrens restoration and maintenance. Vary the burn season when conditions allow.

Specs:

Next Step Monitoring, Prescribed Burn

Treatments: ; NonForestMgt, Other - Specify

Acceptable Oak objective but, will accept open oak savannah conditions as part of pine barrens management within burn area.

Regen:

Other Comment: Refer to the North Camp Grayling Pine Barrens Management Plan for detailed guidance. See MNFI layer for occurrences. Non-commercial treatments such as thinning, pruning ladder fuels, brush-hogging, roller-chopping, and other slash management may be done to facilitate burning.

Site Condition:

Proposed Start Date: 10/1 /2025



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
34 72240034.33_Monitor	40.1	4199 - Other Mixed Upland Deciduous	Sapling Poor	7	Immature	Monitoring	Natural Regen (Re-Inventory)	4199 - Other Mixed Upland Deciduous	Even-Aged	No
<p><u>Prescription</u> Check Regen</p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Moderately-Fully stocked Mixed Upland Deciduous with minimum 25% oak. Aspen and maple are also acceptable species. Expect a few areas with low stocking.</p> <p><u>Other Comment:</u> Stand failed regen objective of Oak Pine when assessed in 2023.</p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>										
44 72240044.36_Cut	11.8	4130 - Aspen	Poletimber Well	47	81-110	Harvest	Clearcut	413 - Aspen	Even-Aged	No
<p><u>Prescription Specs:</u> Harvest all stems greater than 2" dbh. No retention to maximize regen. Include grouse drumming log spec. Include standard military specs.</p> <p><u>Next Step Treatments:</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Acceptable Regen:</u> Aspen objective. Oak, maple, and pine will also be accepted.</p> <p><u>Other Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>										
51 72240051.34_Cut	89.5	4126 - White, Black, N. Pin Oak	Sawtimber Well	104	81-110	Harvest	Clearcut with Retention	412 - Oak Types	Even-Aged	No
<p><u>Prescription Specs:</u> Harvest all stems greater than 2" DBH. Follow standard retention guidelines. Include soft oak wilt timing restriction. Include standard military specs.</p> <p><u>Next Step Treatments:</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Acceptable Regen:</u> Oak objective. Maple, aspen, and any pine is also acceptable. Expect heavier maple regeneration in the north.</p> <p><u>Other Comment:</u> *Check with military to see if they will allow no chipping to deter deer browse within stand.</p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>										
57 72240057.27_Burn	11.2	310 - Herbaceous Openland	Nonstocked		Immature	Burn	Opening	330 - Low-Density Trees		No
<p><u>Prescription Specs:</u> Burn periodically for pine barrens restoration and maintenance. Vary the burn season when conditions allow.</p> <p><u>Next Step Treatments:</u> Monitoring, Prescribed Burn ; NonForestMgt, Other - Specify</p> <p><u>Acceptable Regen:</u> Pine barrens.</p> <p><u>Other Comment:</u> Refer to the North Camp Grayling Pine Barrens Management Plan for detailed guidance. See MNFI layer for occurrences. Non-commercial treatments such as thinning, pruning ladder fuels, brush-hogging, roller-chopping, and other slash management may be done to facilitate burning.</p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>										



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
59 72240059.31_ Burn	35.8	3102 - Grass	Nonstocked		Unspec ified	Burn	Opening	330 - Low-Density Trees		No
<p><u>Prescription</u> Burn periodically for pine barrens restoration and maintenance. Vary the burn season when conditions allow.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Prescribed Burn</p> <p><u>Treatments:</u> ; NonForestMgt, Other - Specify</p> <p><u>Acceptable</u> Pine barrens</p> <p><u>Regen:</u></p> <p><u>Other</u> Refer to the North Camp Grayling Pine Barrens Management Plan for detailed guidance. See MNFI layer for occurrences. Non-commercial</p> <p><u>Comment:</u> treatments such as thinning, pruning ladder fuels, brush-hogging, roller-chopping, and other slash management may be done to facilitate burning.</p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/1 /2020</p>										

Approved Treatments:

48 72240048.37_ Cut	3.2	4130 - Aspen	Poletimber Well	47	81-110	Harvest	Other - Specify	3105 - Mixed Upland Herbaceous		No
<p><u>Prescription</u> Cut 1"+ DBH to create a fuelbreak along the range fence. Require chipping.</p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u></p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/1 /2019</p>										
53 72240053.38_ Cut	20.3	4124 - Red with White Oak	Sawtimber Well	103	81-110	Harvest	Other - Specify	3105 - Mixed Upland Herbaceous		No
<p><u>Prescription</u> Cut 1"+ DBH to create a fuelbreak along the range fence. Require chipping.</p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u></p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/1 /2019</p>										

Total Treatment 592.6
Acreage Proposed:

Report 4 – Site Conditions

Grayling Mgt. Unit
Scott McClarren: Examiner

Compartment: 240
Year of Entry: 2026



Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	Dominant Site Conditions					
		With Condition	Not Available		5C	2G	3D	3F	3J	5E
89	78	0	11	Aspen				8	2	1
21	21	0	0	Bog						
70	68	0	2	Herbaceous Openland				2		
651	628	0	23	Jack Pine		0	9		8	6
184	184	0	0	Low-Density Trees						
19	0	0	19	Lowland Conifers		19				
26	26	0	0	Lowland Shrub		0				
14	0	0	14	Lowland Spruce/Fir		14				
121	121	0	0	Mixed Upland Deciduous						
502	334	12	157	Oak	12			157		
13	0	0	13	Tamarack		13				
29	29	0	0	Upland Conifers						
42	0	0	42	Upland Mixed Forest				42		
25	25	0	0	Urban				0		
1,806	1,513	12	281	Total Forested Acres	12	46	9	209	10	7
	84%	1%	16%	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	3D: Recreational / Scenic values	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Stand was left as a visual buffer for snowmobile trail when stand 39 was harvested.							
2	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	19	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Grayling Mgt. Unit
Scott McClarren: Examiner

Compartment: 240
Year of Entry: 2026



3	Unavailable	3F: Military easement / lease	208	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Fenced Range 30 Impact Area							
4	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	12	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Sparse merchantable trees scattered throughout stand not worth pursuing..							
5	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Tree length buffer around bog.							
6	Unavailable	5E: Long-Term Retention	1	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments: Long-term retention designated for stand 27. Tree length buffer around bog.							
7	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	27	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
8	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Tree length buffer around bog.							

Report 4 – Site Conditions

Grayling Mgt. Unit
Scott McClarren: Examiner

Compartment: 240
Year of Entry: 2026



9	Unavailable	5E: Long-Term Retention	6	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
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Comments:

Long-term retention associated with stand 7. Tree length buffer around bog.

Mgt. Unit

Compartment: #Type!

Year of Entry:



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

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

SCA Name	SCA Category	Detail Type	Recommendation	Acres
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Comments



Report 6 – EXISTING SPECIAL CONSERVATION AREA DETAILS

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

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

Conservation Area	Type	Description
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species (e.g., slimy sculpin) to persist from year to year. Coldwater streams in Michigan typically provide these conditions due to substantial contributions of groundwater to their stream flows. Such streams are established by Director's action and designated as trout resources by Fisheries Order 210.
SCA	Research and Military Areas	These areas provide facilities and lands specifically dedicated for research, or other purposes. They include the 5,847 acre Forest Fire Experiment Station, the 12,000 acre Houghton Lake Wildlife Research Area, the Beaver Islands Archipelago Wildlife Research Area (that includes most of Garden Island, all of High and Hog Islands, all state owned land on Beaver, South Fox and North Fox Islands), the Cusino Wildlife Research Area, the 3,000 acre Hunt Creek Fisheries Research Station, the 125 acre Wyman Nursery, and over 144,000 acres of Military Lands.
SCA	Riparian Area	A transitional area between aquatic and terrestrial ecosystems in which the terrestrial ecosystem influences the aquatic ecosystem and vice-versa. Because of the unique conditions adjacent to lakes, streams and open water wetlands, riparian areas harbor a high diversity of plants and wildlife. Riparian communities are ecologically and socially significant in their effects on water quality and quantity, as well as aesthetics, habitat, bank stability, timber production, and their contribution to overall biodiversity.
HCVA	Natural Rivers	There are two Natural Rivers datasets which are derived from spatial buffers set from an established and approved distance from the river centerlines. The Natural Rivers Zoning District is a 400 foot buffer for most Natural Rivers. The Vegetative Buffer ranges from 25 to 100 feet.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																								
1	6128 - Lowland Coniferous, Mixed Deciduous	Sawtimber Medium	19.3	84	51-80	N/A	Stand changes from open tamarack, tag alder, and closed spruce/cedar depending on where you are. Ankle deep water most places when assessed in the fall. Didn't walk south half of stand. Old comments- Stand has a few open areas full of tag alder. The majority of the white cedar is in the southern half of the stand, black spruce and tamarack are more dominant in northern part of the stand. A few spots in the stand look to be very wet.																																																								
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2	622 - Lowland Shrub	Nonstocked	5.4			No	Old comments- Open lowland area with bog birch and grey and red osher dogwood. A few spruce seeding along the edges.																																																								
3	429 - Mixed Upland Conifers	Poletimber Medium	28.5	40	1-50	N/A	The northeast corner of stand along private matches county equalization records and has the odd cut out due to a resolved trespass that resulted in land disposal back in 1975 (See reference folder). Old comments- Stand was harvested in 1984 Salvage cut due to budworm damage (TS#72-084-83-02). This is a diverse stand with scattered large red pine.																																																								
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4	42221 - Natural Jack Pine, Mixed Deciduous	Poletimber Poor	25.9	34	1-50	N/A	Open jp and cherry brush through most of stand. Low wet swale with grass, highbush blueberry, willow, and a few tag alder runs along the west boundary of stand. Old comments- Stand was harvested in 1989, north and west fingers harvested in 1987. Very sparse stand with open grown jack pine and cherry clumps. A small revine filled with shrubs is included in the stand.																																																								
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5	330 - Low-Density Trees	Nonstocked	3.5			No	Open stand with a few scattered poor quality cherry clumps and a couple of jack pine trees.																																																								
6	330 - Low-Density Trees	Nonstocked	2.2		Immature	No	Small natural opening.																																																								
7	42220 - Natural Jack Pine	Poletimber Well	114.1	63	81-110	N/A	Stand is denser in the south (75-100% canopy closure) and opens up in the north (50-75%). Old comments- Large winding stand, mostly two aged, some dense pockets of jack pine and some sparse areas. Some areas look like they could have been planted.																																																								
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments			
8	42120 - Planted Jack Pine	Poletimber Well	4.0	54	51-80	N/A	Called stand planted even though rows aren't apparent I'm pretty confident these trees were planted.Old comments- Stand was excluded from harvest in 1987 (TS# 72-052-86-01). Stand may have been planted and has a sparse understory.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Jack Pine		100	Pole	6	54	White Oak		Trace	Variable	Sapling
						Black Cherry		Low	Variable	Sapling
9	4132 - Aspen, Jack Pine	Poletimber Poor	16.9	38	1-50	N/A	Stand harvested in 1986, Cabin Trespass #052-86. Records also indicate a red and white pine salvage cut in this qq section in 1975 as well. Unsure if that occurred in stand or not. Old comments- Variable stand with scattered, poor quality aspen pockets mixed with jack pine in the overstory. Shrub formed cherry clumps make up the majority of the understory.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Quaking Aspen		50	Pole/Sapling	5	38	Jack Pine		Low	Variable	Sapling
Jack Pine		20	Pole/Sapling	5		Black Cherry		High	5 - 10 feet	Tall Shrub
White Pine		2	Pole/Log	8		Northern Pin Oak		Low	Variable	Sapling
Red Pine		1	Pole/Log	9						
Black Cherry		25	Sapling	3						
Northern Pin Oak		2	Pole/Sapling	5						
10	42220 - Natural Jack Pine	Poletimber Poor	22.3	57	1-50	N/A	Changed stand age from 64 to 56.Old comments- Sparse jack pine stand, serves as a buffer along Jones Lake Rd.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Northern Pin Oak		3	Pole	8		Black Cherry		Trace	5 - 10 feet	Sapling
Jack Pine		97	Pole/Log	8	57	Northern Pin Oak		Trace	Variable	Sapling
						Jack Pine	Trace	Variable	Sapling	
11	42220 - Natural Jack Pine	Poletimber Medium	12.5	35	1-50	N/A	Patchy jp with black cherry in openings.Old comments- Stand was harvested in 1989. Some sparse areas, poor quality jack pine and cherry clumps scattered throughout the stand.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Black Cherry		10	Sapling	3		Black Cherry		High	5 - 10 feet	Sapling
Jack Pine		90	Pole/Sapling	6	35	Jack Pine	Low	Variable	Sapling	
12	330 - Low-Density Trees	Nonstocked	77.3		Unspecified	Managed Opening	Old comments- Was burned in 2008 under FTP C72-553, Burn ID 20-41-08, as part of the North Camp Grayling Pine Barrens Management Plan. Need to revisit in the summer and see if the site needs to be burned again.			
13	42220 - Natural Jack Pine	Poletimber Medium	8.8	45	1-50	N/A	Mixed age of jack pine, stand has some sparse areas, Age was taken on the younger, more representative age class. Stand was burned in 2008 under FTP C72-553, Burn ID 20-41-08, as part of the North Camp Grayling Pine Barrens Management Plan.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Jack Pine		95	Pole	8	45	Black/Red (Hybrid) Oak		Low	Variable	Sapling
Black/Red (Hybrid) Oak		5	Pole	6		Black Cherry		Low	5 - 10 feet	Sapling
						Jack Pine	Low	Variable	Sapling	
14	42220 - Natural Jack Pine	Poletimber Medium	6.4	55	1-50	N/A	Old comments- Small jack pine stand with some oak mixed in, mostly pole sized.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Jack Pine		90	Pole/Log	8	55	Northern Pin Oak		Medium	Variable	Sapling
Northern Pin Oak		10	Pole/Log	9		Black Cherry		Low	5 - 10 feet	Sapling
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																								
15	42220 - Natural Jack Pine	Poletimber Poor	8.9	47	1-50	N/A	Old comments- Stand is sparse with open grown, poor quality jack pine. Does not have older age class that are found in stands 17 and 14. Stand was burned in 2008 under FTP C72-553, Burn ID 20-41-08, as part of the North Camp Grayling Pine Barrens Management Plan.																																								
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16	6225 - Bog	Nonstocked	5.3			No	Old comments- Small wetland with some snags throughout the stand. Small buffer of jack pine is included.																																								
17	42220 - Natural Jack Pine	Sawtimber Medium	22.6	57	51-80	N/A	Old comments- Mixed age of jack pine. Has good oak regeneration under jack pine overstory, the open areas have good jack pine regeneration. Stand has some sparse areas throughout, noticed a couple of jack pine trees declining. Stand was burned in 2008 under FTP C72-553, Burn ID 20-41-08, as part of the North Camp Grayling Pine Barrens Management Plan.																																								
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18	622 - Lowland Shrub	Nonstocked	12.0			No	Old comments- South half relatively open, north half full of red osier dogwood and other lowland shrubs. Some aspen creeping in from the edges.																																								
19	6225 - Bog	Nonstocked	3.1		Immature	No	Old comments- Small wetland with some snags throughout the stand. Small buffer of jack pine is included.																																								
20	310 - Herbaceous Openland	Nonstocked	18.1		Unspecified	No	Heavy Military use, grassy opening with scattered trees along the edges.																																								
21	4125 - Black, N. Pin Oak	Poletimber Poor	65.4	68	1-50	N/A	Jack pine is mostly concentrated in the east. Overall log size, but still a lot of pole size timber. Small piece of the NE corner looks older. Sandy 2-tracks all over stand. Old comments- Sparse stand of log/pole sized oak stump sprouts. Looks like heavy ORV/military use in the area. A few pockets of jack pine included in the stand with some jack pine seedlings in the open areas.																																								
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22	42220 - Natural Jack Pine	Poletimber Medium	12.7	58	1-50	N/A	Denser portions of stand were split and merged with stand 7. Opening in the north was split and merged with stand 12. Some pockets of sub merchantable trees spread through stand. Old comments- Some dense and open pockets of jack pine along Jones Lake Rd. Stand borders two different lowland shrubs areas.																																								
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23	6225 - Bog	Nonstocked	12.9		Unspecified	No	Mostly grass in east with standing water in places and transitions to blueberrybog in the west. Connected to small tag alder lowland inside stand 27. Old comments- Oval shaped bog, surrounded by dense jack pine. Standing snags throughout the bog with some jack pine seeding in from the edges.																																																																			
24	330 - Low-Density Trees	Nonstocked	2.5		Immature	No	Cherry shrubs and a few scattered sapling/pole sized jack pine trees.																																																																			
25	42120 - Planted Jack Pine	Poletimber Well	41.3	57	51-80	N/A	Changed stand age from 1960 to 1967 origin to reflect planted stock. Also changed stand from natural to planted. Stand in the 51-80 ba range in the north and 81-110 range in south. Old comments- Stand has a few small pockets of trees declining, budworm damage was observed in some areas of the stand. Old imagery shows a wildfire went through the area in the 1950's. Most of the stand either came back naturally or was planted very dense resulting in tall, small diameter trees. Some larger diameter trees are found where the tree density is lower. Some open strips through the stand, most likely from military traffic.																																																																			
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26	330 - Low-Density Trees	Nonstocked	36.2			No	Looks like tanks have been operating in stand. Old comments- Scattered poor quality, pole sized oak and jack pine. A few oak and cherry clumps scattered throughout the stand. A few jack pine seedlings seeding in also. Two small shrub areas surrounded by jack pine included in the stand.																																																																			
27	4130 - Aspen	Sawtimber Medium	15.6	55	51-80	N/A	Tag alder in middle split and merged with stand 23. Aspen is declining quickly. Old comments- Stand has mixed pockets of pole, log, and sapling sized aspen. Stand has a small lowland shrub area in the middle (less than 1 acre), and borders another wetland to the north. A nice log sized pocket of aspen borders the snowmobile trail.																																																																			
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28	6122 - Black Spruce	Poletimber Medium	14.3	87	51-80	N/A	Legacy pine and spruce in the marginal grounds with large portions of open tag alder. Old comments- Some blowdown occurring due to wet conditions. Stand has some supercanopy white pine and a few canopy gaps filled with tag alder.																																																																			
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29	622 - Lowland Shrub	Nonstocked	9.1		Immature	No	Old comments- South half relatively open, North half has red osier dogwood, bog birch, and other various lowland shrubs. Stand is surrounded by jack pine and aspen.																																						
30	42220 - Natural Jack Pine	Poletimber Poor	10.3	57	1-50	N/A	Stand is on edge between forested and non-forested. Old comment- Scattered pole sized jack pine with some younger jack pine seeding in.																																						
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31	42221 - Natural Jack Pine, Mixed Deciduous	Poletimber Poor	342.6	36	1-50	N/A	Large barrens like open grown jack pine stand with scattered cherry brush and prairie willow. Some aspen in the north. Merged 2 acres of 1952 origin jack pine (stand 58) with stand 31 to meet MIFI standards for forested stands. See stand 58 old comments. Stand 31 old comments: Stand was harvested in 1988 (TS# 72-050-86-01). Sparse jack pine and cherry stand, some pockets of aspen found throughout, mostly in the northern half of stand. Stand 58 old comments: Part of stand 46 that was excluded from the 2017 harvest (#625-16). Rx specs said no retention, so not designated as such. Inventory noted as mature JP stand with budworm mortality pockets. Stand data roughed back in after updating stand 46.																																						
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32	6121 - Tamarack	Poletimber Well	12.6	94	81-110	N/A	Old comments- Almost a pure tamarack stand with black spruce and tag alder in the understory. Blowdown occurring throughout the stand, site is very wet.																																						
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33	4125 - Black, N. Pin Oak	Poletimber Poor	38.4	55	1-50	N/A	Stunted open grown stump origin pin oak. Heavy military use through stand (old tank tracks throughout). Old comments- Rolling hills with scattered oak and a couple of jack pine pockets. Sparse stand with some jack pine seedlings in the open areas.																																						
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34	4199 - Other Mixed Upland Deciduous	Sapling Poor	40.1	7	Immature	N/A	Heavily browsed stand with some oak just starting to hit that 6' threshold. Old comment- Mixed JP-NPO stand was final harvested w/o retention in 2017 (#625-16), cutting merch stems. Good oak understory noted during inventory. Canopy data roughed in from parent stand.																																						
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35	330 - Low-Density Trees	Nonstocked	2.4			No	Old comment- A few jack pine saplings with a couple of oak and cherry clumps.																																																																								
36	330 - Low-Density Trees	Nonstocked	6.2			No	Old comment- Small valley with very sparse jack pine, oak, and a couple of cherry clumps.																																																																								
37	4191 - Mixed Upland Deciduous with Conifer	Sapling Well	25.3	15	Immature	N/A	Southwest half of stand is dominated by jack pine oak mix which transitions into primarily oak in the northeast half. Old comments- Stand was final harvested in 2009. Stand has regenerating oak and red maple stump sprouts. Some deer browsing is occurring on the shorter saplings.																																																																								
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38	42220 - Natural Jack Pine	Poletimber Poor	8.9	59	1-50	N/A	Sparse, open grown jack pine. Snowmobile trail traverses through the stand.																																																																								
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39	330 - Low-Density Trees	Nonstocked	28.3	0	Immature	4222 - Natural Jack Pine	Stand failed to meet regen objective following harvest. Open grass with cherry brush with jack pine saplings sparsely scattered. Old comments- Mature JP stand with budworm mortality pockets was final harvested w/o retention in 2017 (#625-16) cutting stems 2"+ DBH.																																																																								
40	4199 - Other Mixed Upland Deciduous	Poletimber Well	29.6	27	1-50	N/A	Changed stand from aspen to mixed upland deciduous. Oak and maple are stump origin. Old comments- Stand was harvested in 1997, should be pole sized next YOE.																																																																								
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41	4199 - Other Mixed Upland Deciduous	Poletimber Well	25.7	36	1-50	N/A	Multi-part oak stand with aspen pockets throughout. Stand is overall pole size now but still contains a significant sub-merch component. Old comments- Final harvested in 1988. This is a mixed stand with some oak in understory. Scattered red pine in the northern half of the stand.																																																																								
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42	4126 - White, Black, N. Pin Oak	Sapling Medium	79.8	15	Immature	N/A	<p>Oak has recruited above browse height and stand has met regen objective for fully stocked oak/maple. A few red and jack pine seen, but not enough to include in canopy data. North side of stand is heavier to red maple. Stand will grow into O3 by next entry. Kept stand age at 2009 harvest (see old comment).</p> <p>Old comments- Overstory was removed in 2017 (#625-16), cutting merch stems. Stand had been Shwd-Seed harvested in 2009 (#622-06), leaving 40-50 BA in oak; subsequent Rx burn to set back RM was cancelled. Inventory noted a good amount of oak regeneration. Post-harvest canopy data roughed in from sub-canopy data. As regen from the overstory removal establishes, may swap majority age from the 2009 harvest to the 2017 one.</p>																																				
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43	4131 - Aspen, Oak	Sapling Well	33.7	12	Immature	N/A	<p>Old comments- Stand was cut in 2012 (72-619-12-01) for a new military range, but funding was pulled after the stand was cut. This stand has aspen saplings 3-5 ft tall with red maple stump sprouts, oak sprouts are more concentrated in the northern half of the stand.</p>																																				
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44	4130 - Aspen	Poletimber Well	11.8	47	81-110	N/A	<p>Old comments- Stand was final harvested in 1977. Nice aspen stand with some red maple and oak mixed throughout.</p>																																				
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46	330 - Low-Density Trees	Nonstocked	25.2	0	Unspecified	4222 - Natural Jack Pine	<p>Stand failed to meet regen objectives following harvest. Open grass with cherry brush. A couple pockets of poorly stocked jack pine seedlings present.</p> <p>Old comments- Mature JP stand with budworm mortality pockets was final harvested w/o retention in 2017 (#625-16) cutting stems 2"+ DBH.</p>																																				
47	42220 - Natural Jack Pine	Poletimber Poor	9.3	54	1-50	N/A		<p>Stand is borderline non-forested after fire. Dozer fireline winds through stand with charred jack pine and cherry snags throughout.</p> <p>Old comments- Sparse stand, scattered jack pine, black cherry and a few oak.</p>																																			
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48	4130 - Aspen	Poletimber Well	11.2	47	81-110	N/A	<p>About 2 acres of 2012 origin aspen merged with stand 48 to meet MIFI standards for forested stands.</p> <p>Old comments- Fenced Range 30 Impact Area. Stand was final harvested in 1977. Used observations from the fence and data from stand 42 which was harvested at the same time.</p>																																				
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49	310 - Herbaceous Openland	Nonstocked	2.1	0		No	Fenced Range 30 Impact Area. Used OI data and aerial imagery.																																																		
50	4125 - Black, N. Pin Oak	Poletimber Well	16.7	36	1-50	N/A	Changed stand to pole size however, still pockets of sub-merch oak/maple throughout. Old comments- Stand was final harvested in 1988 (TS# 72-057-86-01). A lot of red maple stump sprouts mixed with oak and a few scattered jack pine. This stand is currently a borderline sapling/pole stand.																																																		
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51	4126 - White, Black, N. Pin Oak	Sawtimber Well	89.5	104	81-110	N/A	Red maple sub-canopy is primarily located in the north half of stand. The final harvest of the adjacent oak (stand 42) was successful in regenerating a fully stocked oak stand with maple. Old comments- This is a nice quality oak stand, was thinned in 1999 (TS# 72-039-96-01), Includes pocket of large red pine along tank trail. Mostly red maple and some oak is regenerating from stump sprouts. Was supposed to be underburned to knock back red maple but burn was cancelled. Red maple stump sprouts regenerating makes up the majority of the understory, There are a couple of thick pockets of white pine and red pine regeneration. The farther south you go in the stand the more white oak is present in the overstory. Some gypsy moth egg masses noticed on north end of stand,																																																		
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52	4126 - White, Black, N. Pin Oak	Sapling Well	20.9	15	Immature	N/A	Mix of stump and seed origin oak through stand and is above browse height now has filled into a nice O3 stand. Rolling topography. Old comments- Stand final harvested in 2009 (TS# 72-622-06-01). Oak saplings and stump sprouts mixed with red maple stump sprouts. Heavy deer browse is occurring on the oak.																																																		
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53	4124 - Red with White Oak	Sawtimber Well	123.2	103	81-110	N/A	Fenced Range 30 Impact Area. Used OI data and observations from fence for data collection.																																																		
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54	4310 - Pine, Oak Mix	Sawtimber Well	42.2	103	81-110	N/A	Fenced Range 30 Impact Area. Used imagery to estimate level 4 call, looks like a jack pine/oak mix.																																																		



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments					
55	4126 - White, Black, N. Pin Oak	Sawtimber Poor	12.0	101	1-50	N/A	Overstory ba ranges from 0-30 most places with a few pockets pushing 50 ba. Oak understory has recruited well.Old comments- Stand was harvested in 2009 (TS# 72-622-06-01). This was previously two stands, south half was marked to 40 BA, in the north half all oak was left. Oak and red maple stump sprouts coming back well. Deer are browsing on oak and red maple.					
								Canopy Species	% Cover	Size Class	DBH	Age
								White Oak	75	Log	12	101
								Black/Red (Hybrid) Oak	25	Log	16	
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56	4124 - Red with White Oak	Sawtimber Well	56.6	103	81-110	N/A	Fenced Range 30 Impact Area.					
57	310 - Herbaceous Openland	Nonstocked	11.2		Immature	Managed Opening	Old comments- Proposed area for Military Forward Area Refueling Point (FARP). This is a maintained opening for Military purposed.					
58	310 - Herbaceous Openland	Nonstocked	3.9	0		No	Military crated opening containing grass and sweetfern (possibly old firing point?). Dozer pilings are evident along the west edge of opening.					
59	3102 - Grass	Nonstocked	34.8		Unspecified	No	See old comments-OPIC - FMD: Budweiser Hill area. Lots of tracked vehicle use within stand. Some erosion on hill. Scattered shrubby JP, mostly in NW portions of stand. (old comment) Has areas of brush and JP, military tracked vehicle use area.Firing point 600 is in stand.					
401	122 - Road/Parking Lot	Nonstocked	7.3	0		No	Lewiston Grade and Jones Lake Rd					
402	122 - Road/Parking Lot	Nonstocked	17.6		Immature	No	Tank trail					