



Compartment Review Presentation

Gwinn Forest Management Unit

Compartment 32016

Entry Year 2027

Acreage: 1,794

County: Marquette

Management Area: Menominee-Marquette

Stand Examiner: Sean Fischer

Legal Description:

T45N R24W Section(s) 25, 26, 34, 36

Identified Planning Goals:

To maintain and enhance the sustainability of the forest and its associated communities.

Soil and topography:

Level swamps and wetland drainages with upland ridges.

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

Mostly State owned swampland with a few hardwood ridges. Private hunting camp lands within Section 35,36 and industrial land within Section 25 both are being actively managed for timber resources. Isolated private camp(s) within Section 26, 22 mainly for recreational use.

Unique Natural Features:

Much of compartment falls within the Sawmill Creek Complex PLU.

Archeological, Historical, and Cultural Features:

None identified

Special Management Designations or Considerations:

Potential for eagle, osprey, and great blue heron rookery. Potential for red-shouldered hawk and northern goshawk. Potential for moose and wolf.

Potential for calypso orchid, rayless mountain ragwort, and ram's head lady's-slipper in conifer swamps. Potential for climbing fumitory, goblin fern, large toothwort, ginseng, and showy orchis in mature hardwoods.

Watershed and Fisheries Considerations:

Compartment 16 is found within the Dead Horse Moraines Management Area; on Ground Moraines in southeastern Marquette, southwestern Alger, and northwestern Delta Counties. The dominant Natural Communities are poor conifer swamps, mesic northern forests, and dry northern forests. Major forest cover types include Northern Hardwood, Aspen, and Mixed Lowland Conifer. This management area contains a large proportion of hardwood forest which regenerates well partly due to the heavier snow cover and lower deer numbers than the southern portion of this Management Area. The most significant wildlife management issues in the management area are: mast (hard and soft); mature forest (upland deciduous, especially aspen and mixed forest with little understory); coarse woody debris, early successional forest, and deer wintering complexes.

The following have been identified as featured species for the Dead Horse Moraines Management Area: black bear, pileated woodpecker, ruffed grouse, and white-tailed deer.

Wildlife Habitat Considerations:

This compartment is found within the Menominee-Marquette Management Area, on Ground Moraines in southeastern Marquette, southwestern Alger, and northwestern Delta Counties. The dominant Natural Communities are poor conifer swamps, mesic northern forests, and dry northern forests. Major forest cover types include Northern Hardwood, Aspen, and Mixed Lowland Conifer. This management area contains a large proportion of hardwood forest which regenerates well partly due to the heavier snow cover and lower deer numbers than the southern portion of this Management Area. The most significant wildlife management issues in the management area are: mast (hard and soft); mature forest (upland deciduous, especially aspen and mixed forest with little understory); coarse woody debris, early successional forest, and deer wintering complexes. The following have been identified as featured species for the Menominee-Marquette Management Area: American Woodcock, Blackburnian Warbler, Cerulean Warbler, Golden-winged Warbler, Black-backed Woodpecker, Ruffed Grouse, Turkey, American Marten, Snowshoe Hare, White-tailed Deer, Black Bear.

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of medium-textured till, glacial outwash sand and gravel and postglacial alluvium, and peat and muck. The glacial drift thickness varies between 10 and 50 feet. The Cambrian Trempealeau Formation and Munising Group (and possibly some Ordovician Prairie du Chien) subcrop below the glacial drift. The Trempealeau could be used for stone. A gravel pit is located less than ½ mile to the south in Section 3, T44N R24W, and there may be potential on the uplands. Abandoned iron mines are located four miles to the west. This State land has not been previously leased for metallic mineral exploration. There is no economic oil and gas production in the UP.

Vehicle Access:

Limited access, due to surrounding private ownerships, although various two-tracks runs throughout. The Stack Grade, a poor dirt State-maintained road, provides access from the south via private lands.

Survey Needs:

None at this time.

Recreational Facilities and Opportunities:

Limited, due to location and access.

Fire Protection:

Low fire risk area.

Additional Compartment Information:

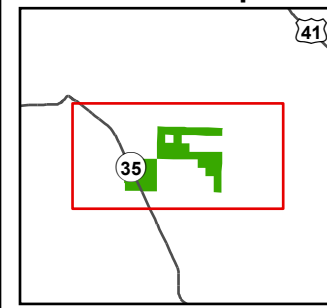
The following reports from the Inventory are attached:

- 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:

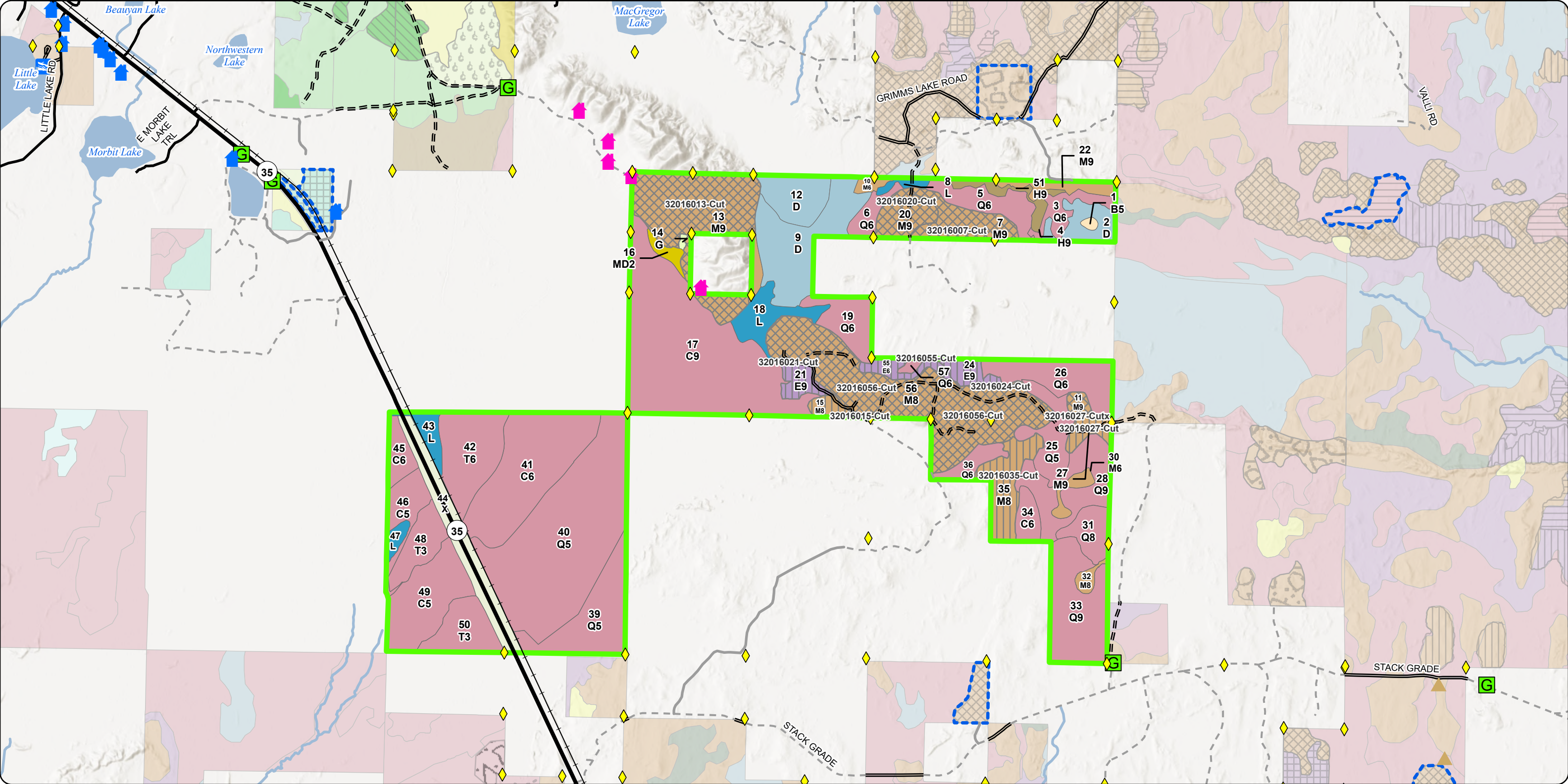
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

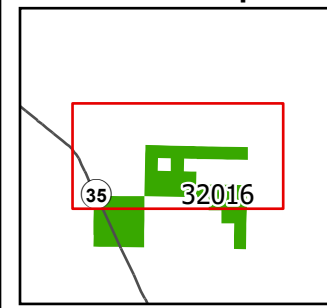


Compartment: 32016
 T45N R24W Sections 25, 26, 34, 36
 County: Marquette
 Unit: Gwinn
 Mgmt. Area: Menominee-Marquette
 YOE: 2027
 Acres: 1,795 GIS Calculated
 Examiner: Sean Fischer
 Date Exported: 11/17/2025
 Map Phase: Post Review

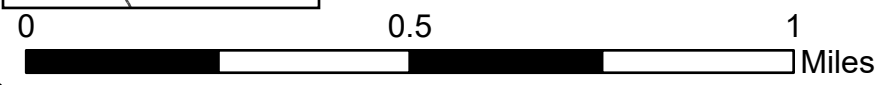
- ◆ Survey Grade Corners
- ▲ Berm
- Gate
- Boating Access Site
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State Highway
- Federal / State / County - Paved Road
- Private - Paved Road
- Private - Dirt / Gravel Road
- Railroads
- Streams
- Lakes and Rivers
- Compartment Boundary
- Selection
- Shelterwood
- Treatments with Site Conditions
- 411 - Northern Hardwood
- 414 - Other Upland Deciduous
- 419 - Mixed Upland Deciduous
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 310 - Herbaceous Openland
- 622 - Lowland Shrub
- 629 - Mixed non-forested Wetland
- 790 - Other Bare/Sparsely Vegetated



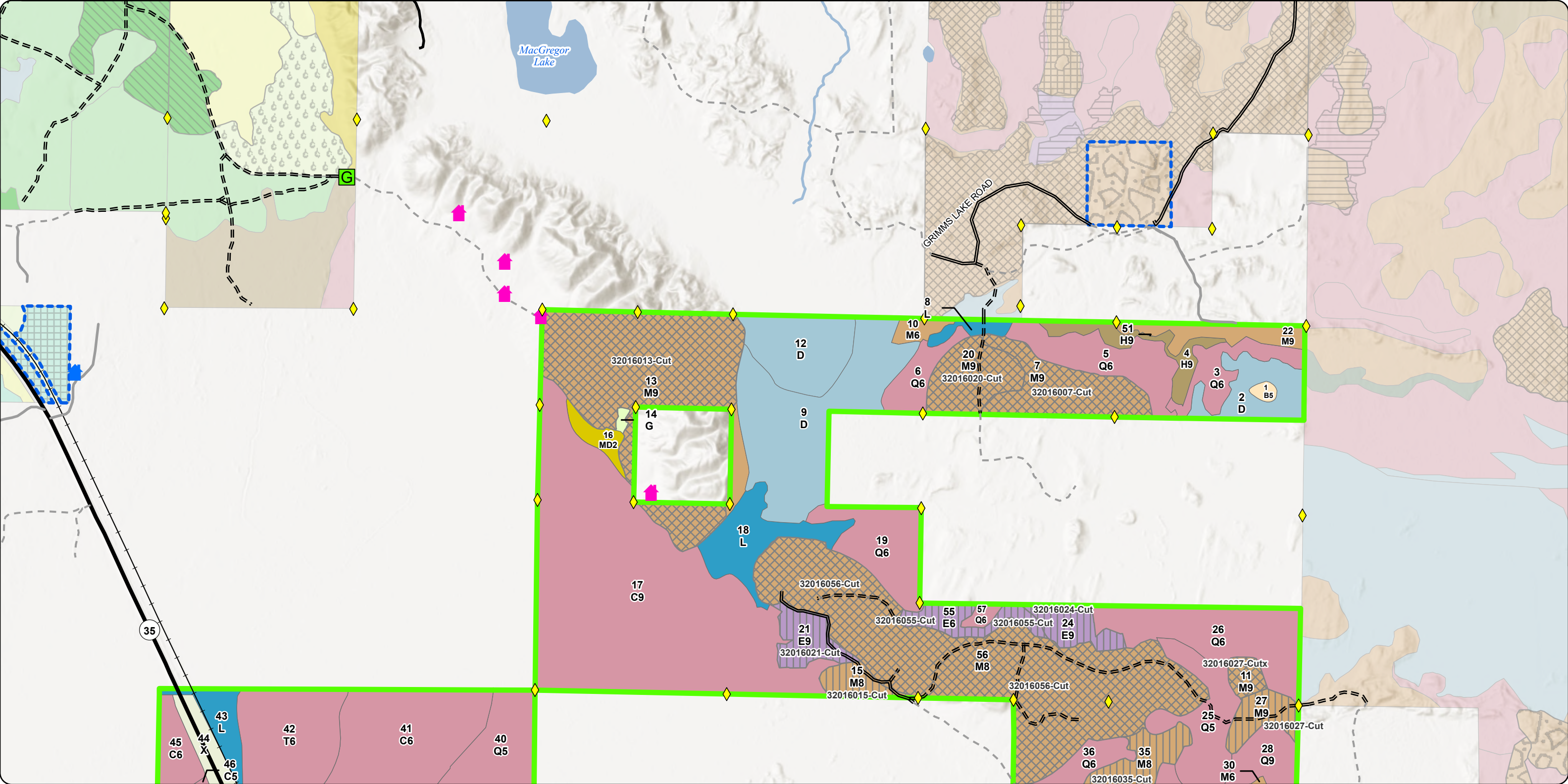
Cover Type & Treatments Map



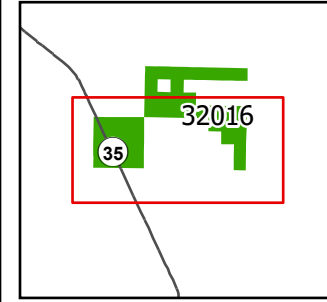
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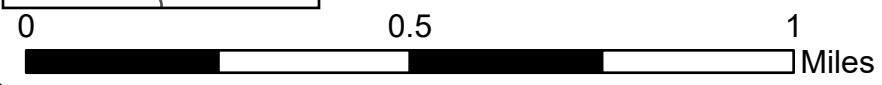
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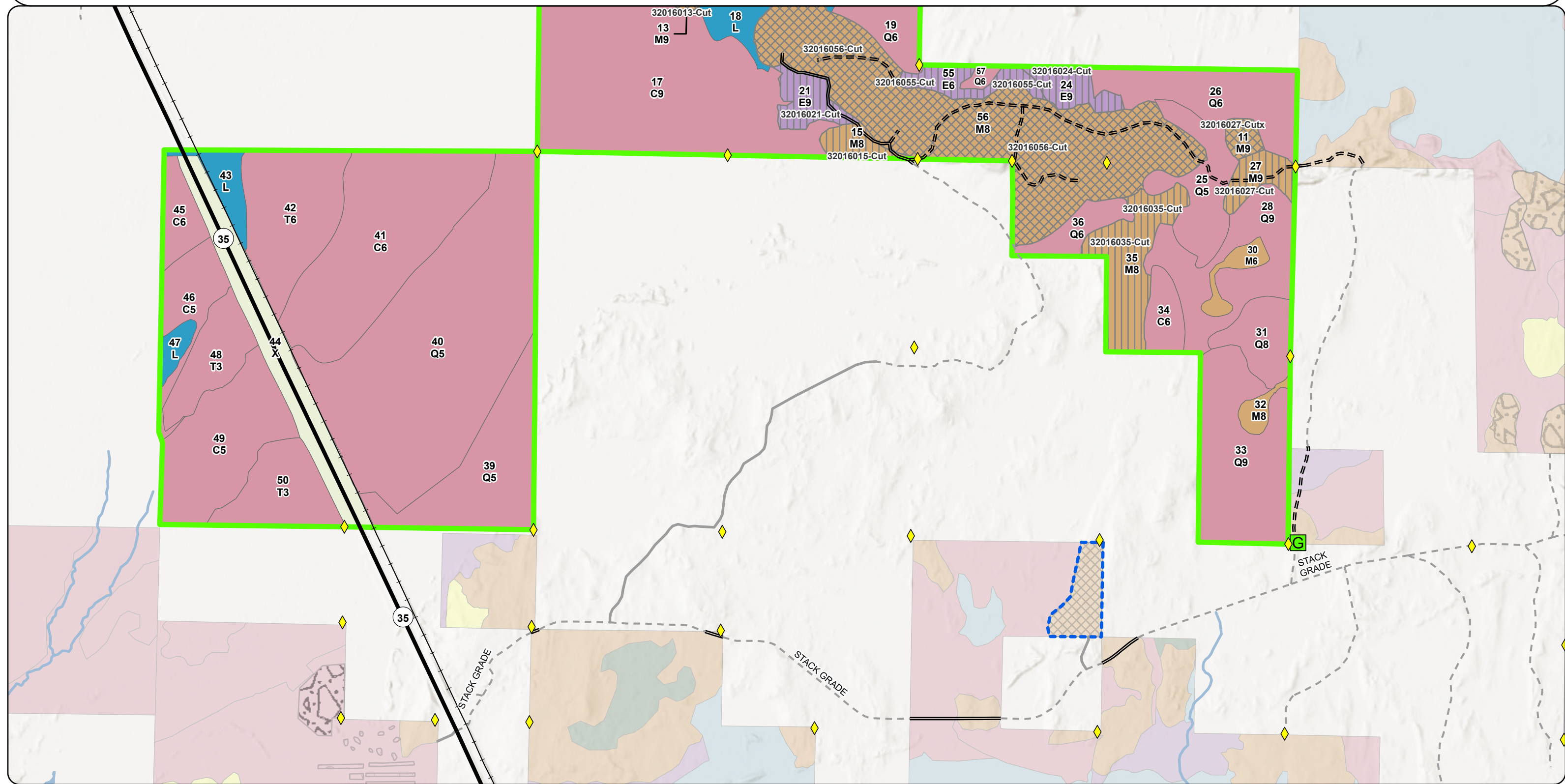
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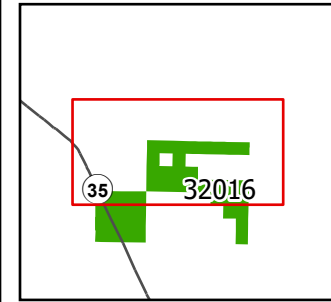
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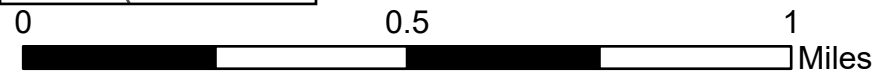
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Stand Boundary Map



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◆ Survey Grade Corners



G Gate

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— Streams

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— Compartment Boundary

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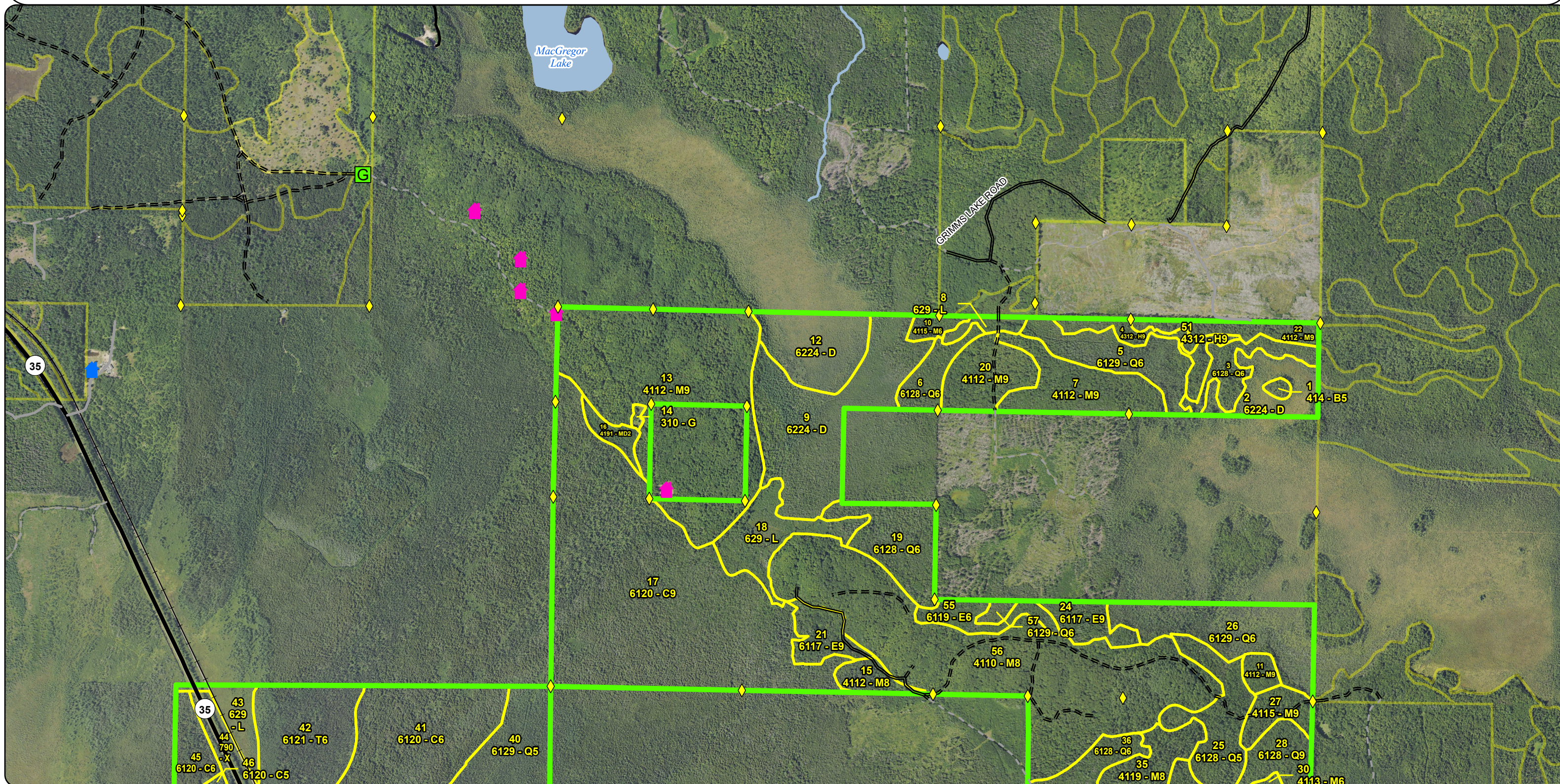
612 - Lowland Coniferous Forest

310 - Herbaceous Openland

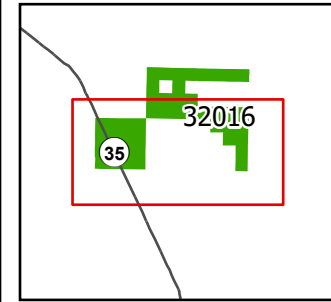
622 - Lowland Shrub

629 - Mixed non-forested Wetland

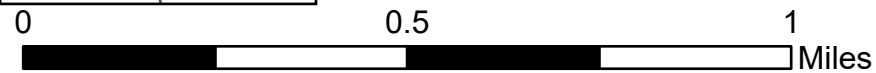
790 - Other Bare/Sparsely Vegetated



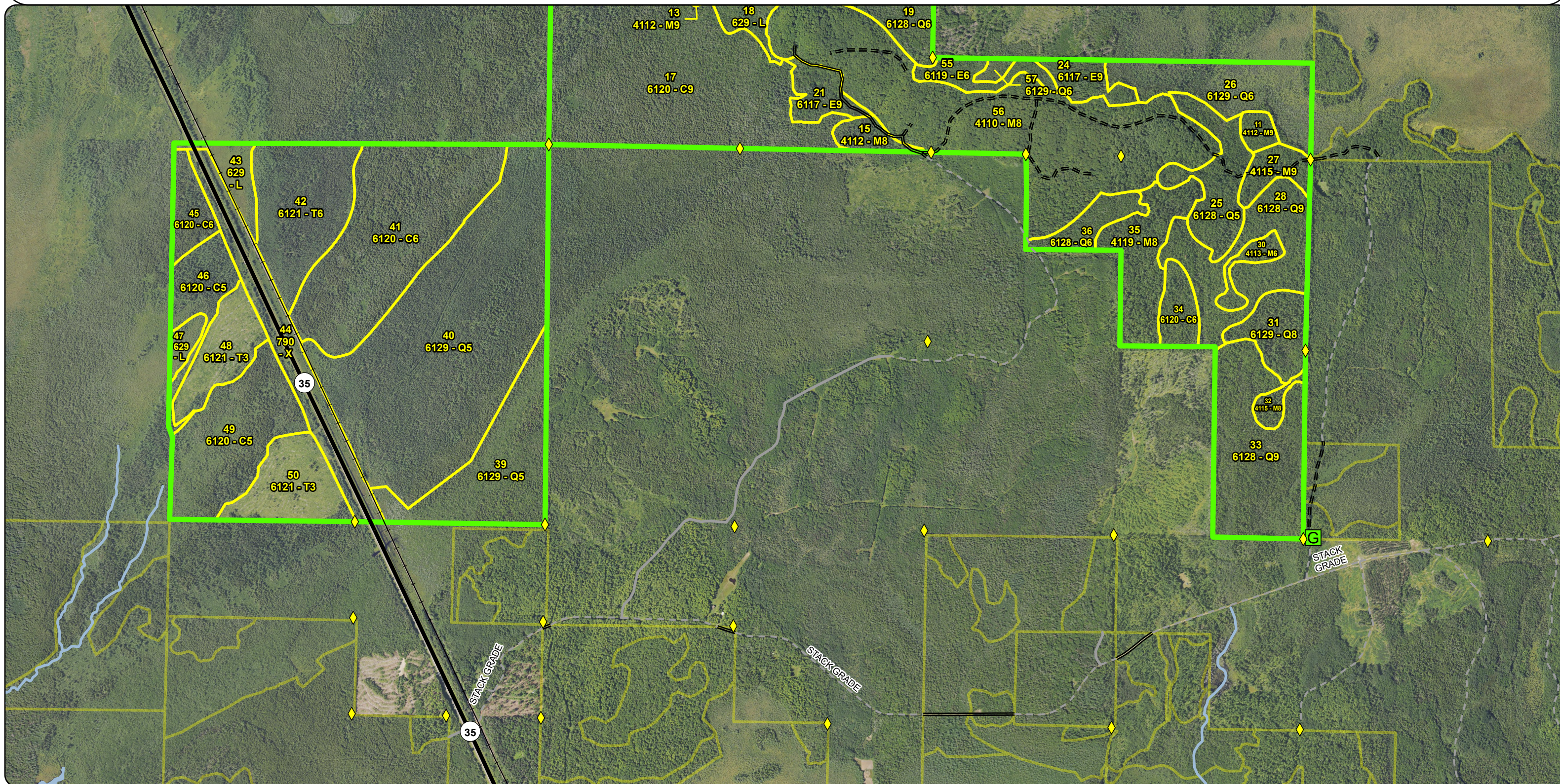
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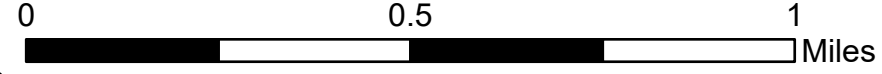
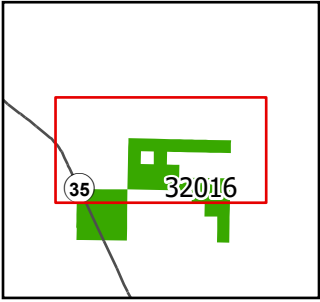


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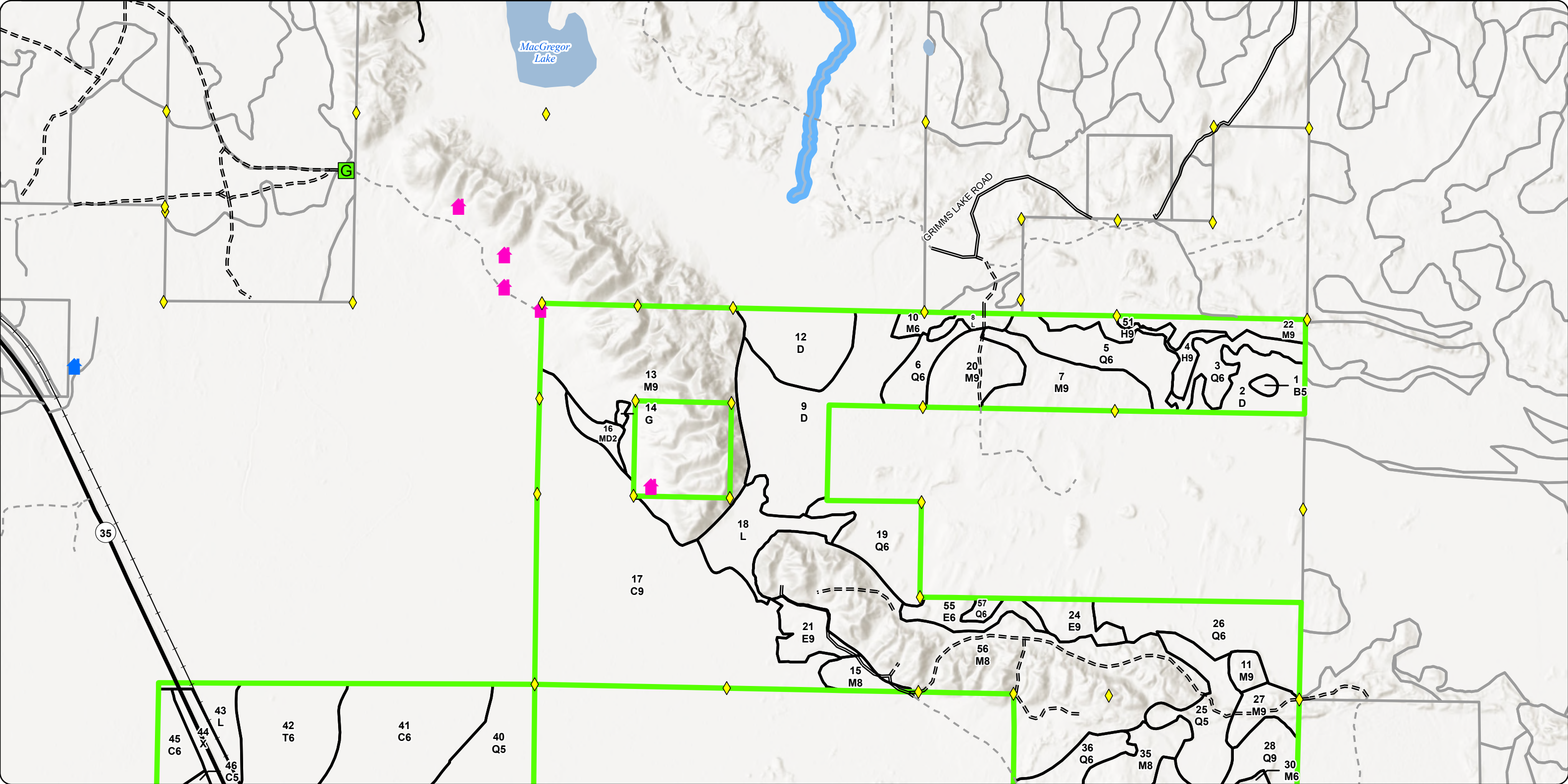


Special Conservation Areas & Site Conditions Map

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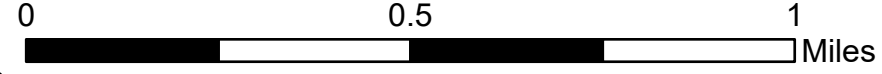
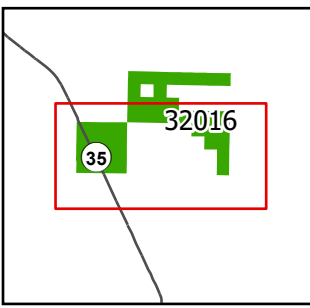


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- Stand Boundaries
- Cold Water Streams
- High Priority Trout Stream Buffer

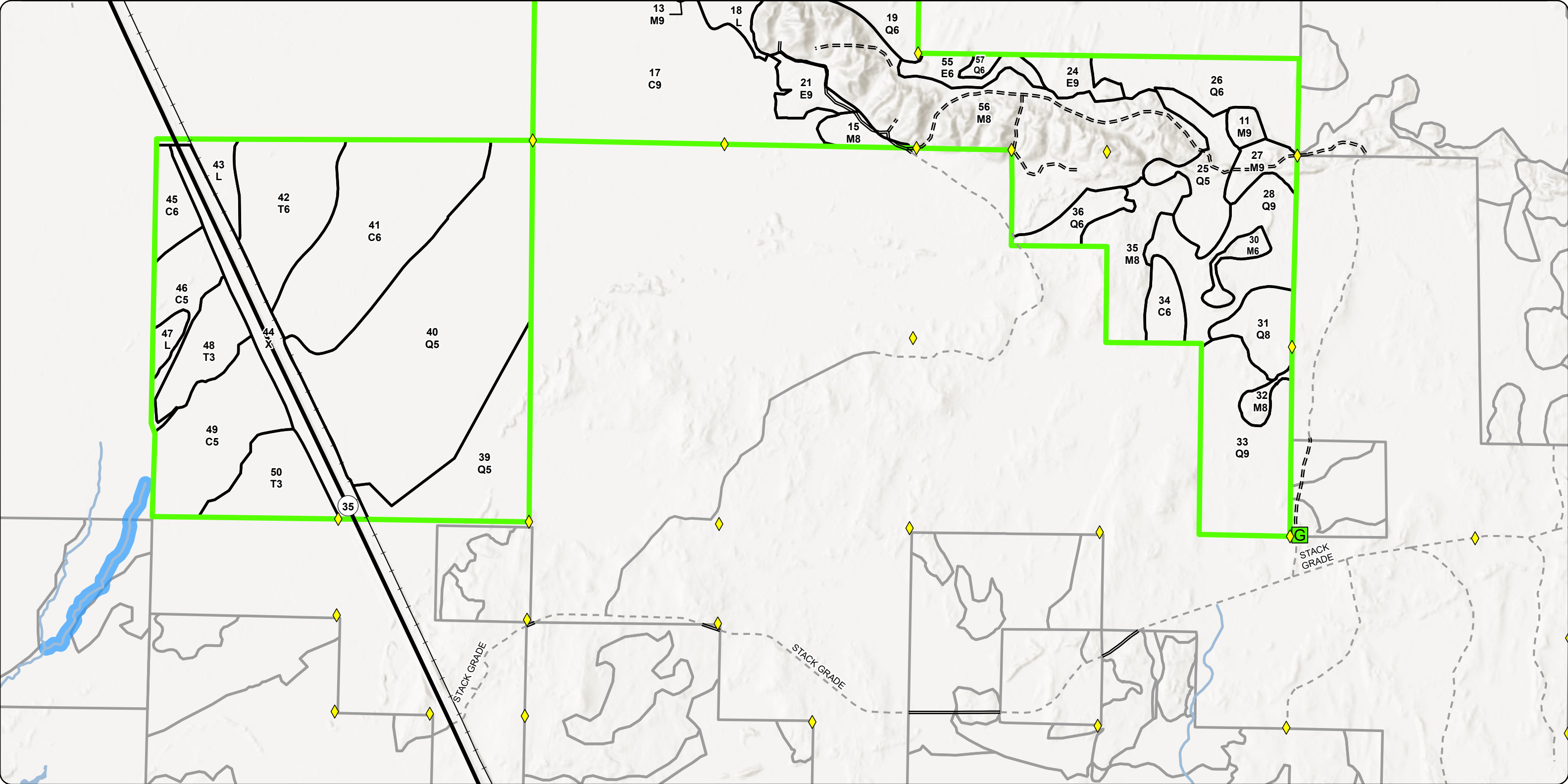


**Special Conservation Areas
& Site Conditions Map**

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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
Bare/Sparsely Vegetated	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	48
Cedar	0	0	0	0	0	0	0	0	0	0	0	203	0	201	0	0	0	12	416
Hemlock	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	13
Herbaceous Openland	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Lowland Conifers	0	0	0	0	0	0	0	0	0	0	57	208	0	254	0	0	0	49	568
Lowland Deciduous	0	0	0	0	0	0	0	0	0	0	0	38	0	0	0	0	0	0	38
Lowland Shrub	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	48
Mixed Upland Deciduous	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Northern Hardwood	0	0	0	0	0	0	0	0	0	0	0	350	0	0	0	0	0	68	417
Paper Birch	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2
Tamarack	0	58	0	0	0	0	0	0	0	0	55	0	0	0	0	0	0	0	113
Treed Bog	124	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	124
Total	221	58	0	6	0	0	0	0	0	0	114	799	0	455	0	0	0	142	1794



Report 2 – Treatment Summary

Gwinn Mgt. Unit
Year of Entry: 2027

Compartment 16
Total Compartment Acres: 1,794

Acres of Harvest

Commercial Harvest - 864
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
Lowland Deciduous	0	0	0	0	38	0	0	0	0	38
Northern Hardwood	0	340	0	0	55	0	0	0	0	395
Total	0	340	0	0	93	0	0	0	0	433

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	433	0	0	0	0	0	0	0	0	433
Next Step	0	0	0	0	0	0	433	0	0	433
Total	433	0	0	0	0	0	433	0	0	865



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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	32016007-Cut	32.1	4112 - Maple, Beech, Cherry Association	9	105	111-140	Harvest	Selection	411 - Northern Hardwood	Current	No
<p><u>Prescription</u> Mark stand to 60-80 basal area. Retain wildlife quality red maple and yellow birch. Create new or improve existing canopy gaps where advanced regeneration recruitment is likely, this should be 1 - 2 gaps per every 2 acres roughly 100 ft in diameter. Do no</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> Red maple, sugar maple, yellow birch, spruce, paper birch, white pine, hemlock, cedar, basswood, black cherry</p> <p><u>Other Comment:</u> Winter only access, winter only ground in unit. Red line out swampy areas and areas heaviest to hemlock.</p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/01/2026</p>											
15	32016015-Cut	8.4	4112 - Maple, Beech, Cherry Association	8	105	51-80	Harvest	Shelterwood	411 - Northern Hardwood	Planting Record	No
<p><u>Prescription</u> Cut all trees to 2" in diameter, regardless of merchantability. Reserve all yellow birch, hemlock, white pine, and cedar. Reserve mark red maple, large diameter forked aspen, and healthy black cherry to obtain 40-60 BA post-harvest. Red maple marked to re</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> Red Maple, aspen, yellow birch, cedar, hemlock, white pine, spruce, sugar maple, basswood, cherry.</p> <p><u>Other Comment:</u> Buffer stick nest found in NW part of stand. Overstory removal intended at next inventory cycle if regeneration is successful.</p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/01/2026</p>											
20	32016020-Cut	23.4	4112 - Maple, Beech, Cherry Association	9	105	111-140	Harvest	Selection	411 - Northern Hardwood	Current	No
<p><u>Prescription</u> Mark stand to 70-90 BA residual to encourage development of quality regeneration. Follow complete marker. Leave legacy trees (trees >26inches dbh), wildlife-quality cavity trees. Favor retention of yellow birch and spruce. Favor removal of high risk trees</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> Red maple, sugar maple, yellow birch, spruce, paper birch, white pine, hemlock, cedar, basswood, black cherry</p> <p><u>Other Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/01/2026</p>											



S t a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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21	32016021-Cut	13.6	6117 - Lowland Deciduous, Mixed Coniferous	9	105	81-110	Harvest	Shelterwood	6117 - Lowland Deciduous, Mixed Coniferous	Planting Record	No
<p><u>Prescription</u> Cut all trees to 2" in diameter, regardless of merchantability. Reserve all yellow birch, hemlock, white pine, and cedar. Reserve mark red maple, large diameter forked aspen, and healthy black cherry to obtain 40-60 BA post-harvest. Red maple marked to re</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> Red Maple, aspen, yellow birch, cedar, hemlock, white pine, spruce, sugar maple, basswood, cherry.</p> <p><u>Other Comment:</u> Overstory removal intended at next inventory cycle if regeneration is successful.</p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/01/2026</p>											

22	32016022-Cut	13.7	4112 - Maple, Beech, Cherry Association	9	105	81-110	Harvest	Selection	411 - Northern Hardwood	Current	No
<p><u>Prescription</u> Mark stand to 70-90 BA residual to encourage development of quality regeneration. Follow complete marker. Leave legacy trees (trees >26inches dbh), wildlife-quality cavity trees. Favor retention of less abundant tree species, . Favor removal of high risk</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> Red maple, sugar maple, yellow birch, spruce, paper birch, white pine, hemlock, cedar, basswood, black cherry</p> <p><u>Other Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/01/2026</p>											

24	32016024-Cut	12.1	6117 - Lowland Deciduous, Mixed Coniferous	9	105	81-110	Harvest	Shelterwood	613 - Lowland Mixed Forest	Cutting Record	No
<p><u>Prescription</u> Establishment cut of shelterwood system. Cut all trees to 2 inches diameter regardless of merchantability, except reserve all black cherry and hemlock. Reserve mark trees from remaining species to 40-60 BA, choosing to reserve quality poles (crop trees to</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> Red maple, sugar maple, aspen, black cherry, yellow birch, hemlock, white cedar, spruce, basswood, white pine.</p> <p><u>Other Comment:</u> Winter only harvest recommended. Exclude inoperable low ground areas. Access through east, private. Easement through private.</p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/01/2026</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
27 32016027-Cut	11.6	4115 - Y.Birch, Hemlock NH	9	105	51-80	Harvest	Shelterwood	411 - Northern Hardwood	Cutting Record	No
<p><u>Prescription</u> Harvest all maple, spruce, fir, and cherry. Reserve all trees greater than 22" at dbh. Green tree remaining trees to 30-50 basal area. Reserve trees should primarily be the largest diameter wildlife-quality red maple, as well as healthy black cherry. Res</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> Red maple, sugar maple, hemlock, yellow birch, black cherry, white spruce, white cedar, black spruce, aspen, paper birch</p> <p><u>Other Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/01/2026</p>										
27 32016027-Cutx	5.4	4115 - Y.Birch, Hemlock NH	9	105	51-80	Harvest	Selection	411 - Northern Hardwood	Planting Record	No
<p><u>Prescription</u> Thin stand to 70-90 basal area. Mark and GPS one canopy gap per acre 66-100' in diameter. Gaps should be located so as to encourage advance regeneration which is already established. Removal should primarily consist of red maple and sugar maple, with othe</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> Red maple, sugar maple, hemlock, yellow birch, black cherry, white spruce, white cedar, black spruce, aspen, paper birch</p> <p><u>Other Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/01/2026</p>										
35 32016035-Cut	35.2	4119 - Mixed Northern Hardwoods	8	105	51-80	Harvest	Shelterwood	411 - Northern Hardwood	Cutting Record	No
<p><u>Prescription</u> Cut all maple, birch, aspen, fir, and black cherry, except trees over 24" in stump diameter at a 12" stump height. Reserve mark the remaining trees to a total residual BA of 30-40. Favor retention of healthy black cherry and wildlife-quality maple and yel</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> Red maple, yellow birch, black cherry, basswood, sugar maple, hemlock, cedar, spruce, white pine, and aspen.</p> <p><u>Other Comment:</u> Use the den tree spec to protect hollow trees missed during reserve marking. Use regen protection spec to prevent loss of 25% of regen in any area of the stand. Potentially make optional payment unit if access is not secured via private lands (notes from</p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/01/2026</p>										
55 32016055-Cut	12.2	6119 - Mixed Lowland Deciduous Forest	6	105	81-110	Harvest	Shelterwood	611 - Lowland Deciduous Forest	Planting Record	No
<p><u>Prescription</u> Establishment cut of shelterwood system. Cut all trees 2 inches or greater in diameter, regardless of merchantability. Reserve all cedar and hemlock. Hemlock may need to be cut as operational additional volume so operators can move through some parts of t</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> Red maple, yellow birch, hemlock, aspen, spruce, white cedar, sugar maple, basswood, white pine.</p> <p><u>Other Comment:</u> Intention is for overstory removal to occur at next inventory cycle if regeneration is successful. Greater BA retained for establishment cut because regeneration success under higher BA was observed in other parts of the compartment, and also to retain mo</p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/01/2026</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
56 32016056-Cut	165.4	4110 - Sugar Maple Association	8	105	81-110	Harvest	Selection	411 - Northern Hardwood	Current	No
<p><u>Prescription</u> Thin stand to 70-90 basal area. Mark and GPS one canopy gap per 1-2 acres, 75-100' in diameter. Gaps should be located so as to encourage advance regeneration which is already established. Removal should primarily consist of red maple and sugar maple, wit</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> Sugar maple, red maple, basswood, yellow birch, white birch, white spruce, black spruce, cedar, hemlock, white pine, black cherry</p> <p><u>Other Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/01/2026</p>										

Approved Treatments:

13 32016013-Cut	99.5	4112 - Maple, Beech, Cherry Association	9	105	111-140	Harvest	Selection	411 - Northern Hardwood	Current	No
<p><u>Prescription</u> Mark stand to 60-80 BA to open up more canopy for release of dense maple saplings. Focus on removing larger poor quality trees, maintain and create canopy gaps to release saplings, while maintaining desired BA. Remove all merchantable spruce/fir. Leave so</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> northern hardwood</p> <p><u>Other Comment:</u> May have to exclude areas of south and east along private for steep terrain. Pay special attention to marking access up/down slopes for management. Include all upland edges of fir/hardwood mix for management without pushing into lowland ground.</p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/01/2026</p>										

Total Treatment 432.6
Acreage Proposed:

Report 4 – Site Conditions

Gwinn Mgt. Unit
Sean Fischer : Examiner

Compartment: 16
Year of Entry: 2027



Availability for Management

Total Acres	Acres Available	Acres Avail With Condition	Acres Not Available
48	48	0	0
414	217	5	191
13	13	0	0
1	1	0	0
568	104	0	464
38	38	0	0
48	48	0	0
6	6	0	0
318	300	5	13
2	0	0	2
82	26	0	57
124	124	0	0
1,662	925	10	727
	56%	1%	44%

Dominant Site Conditions

	Acres	Available	With Condition	Not Available	Dominant Site Conditions									
					2B	5B	2F	2G	2H	2J	5A	5D	5E	
48	48	0	0		Bare/Sparsely Vegetated									
414	217	5	191			5				104	87			
13	13	0	0		Hemlock									
1	1	0	0		Herbaceous Openland									
568	104	0	464					31		195	136	103		
38	38	0	0		Lowland Deciduous									
48	48	0	0		Lowland Shrub									
6	6	0	0		Mixed Upland Deciduous									
318	300	5	13		5		6		7					
2	0	0	2		Paper Birch									
82	26	0	57		Tamarack									
124	124	0	0		Treed Bog									
1,662	925	10	727		5	5	6	31	9	354	223	103	2	
	56%	1%	44%		Relative Percent									

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

Site No.	Dominant Site Cond	Dominant Site Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	2	Unspecified	Unspecified	Unspecified	Unspecified	Unspecified
Comments:								
2	Unavailable	5D: Unproductive forest land	59	2J: Blocked by railroad	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:								

Report 4 – Site Conditions

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3	Unavailable	5A: Not able to obtain desirable regeneration	75	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							
4	Unavailable	2J: Blocked by railroad	354	2I: Survey needed	Unspecified	Unspecified	Unspecified
Comments:							
5	Unavailable	5D: Unproductive forest land	44	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							
6	Unavailable	5A: Not able to obtain desirable regeneration	16	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							
8	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Upland stand in lowland area. Skids through low ground would be over 1/2 mile. Small stand with low quality wood.							
9	Available	2B: Unknown if access through adjacent landowner(s) is possible	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Need access via private to the east to skid. Potential optional payment unit, skid through low ground.							

Report 4 – Site Conditions

Gwinn Mgt. Unit
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10	Available	5B: Maintain for regeneration purposes	6	5B: Maintain for regeneration purposes	Unspecified	Unspecified	Unspecified
Comments:							
11	Unavailable	5E: Long-Term Retention	2	5B: Maintain for regeneration purposes	Unspecified	Unspecified	Unspecified
Comments: Southeast corner is too wet, cedar. Maintain edge of black spruce and tamarack seed trees to regenerate stand.							
12	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	31	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Stand heavy to hemlock and cedar on wet ground. Hemlock is regenerating well, but stand is too wet for a harvest to be feasible. Allow overstory holes to develop naturally.							
13	Unavailable	2F: Too steep	6	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments: Very steep slope with very wet toe							
14	Unavailable	5A: Not able to obtain desirable regeneration	28	3J: Water quality/BMPs (stream, river, or lake)	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified
Comments:							
15	Unavailable	5A: Not able to obtain desirable regeneration	12	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Gwinn Mgt. Unit
Sean Fischer : Examiner

Compartment: 16
Year of Entry: 2027



16	Unavailable	5E: Long-Term Retention	3	5B: Maintain for regeneration purposes	Unspecified	Unspecified	Unspecified
Comments: Low stocking here, maintain for black spruce and tamarack seed trees. Southwest part can be merged with cedar stand to the west.							
17	Unavailable	5A: Not able to obtain desirable regeneration	30	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							
18	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
19	Unavailable	5A: Not able to obtain desirable regeneration	49	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							
20	Unavailable	5A: Not able to obtain desirable regeneration	12	2G: Too wet (sensitive soils, does not include access issues)	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	414 - Other Upland Deciduous	Poletimber Medium	1.8	97	51-80	N/A	OPIC - FMD: B5F4, ISLAND IN BOG, ACCESS POOR. 7/19/23: Updated to non-OI cover type.SF 2025: Island of upland white pine, white birch, red maple, hemlock, tamarack, fir, and black spruce. Seen from across surrounding treed bog stand.
2	6224 - Treed Bog	None	21.0			No	OPIC - FMD: V-BOG. SF 2025: leatherleaf, stunted white pine, tamarack, black spruce, cedar, tag alder, sphagnum mosses. Seedlings of all tree species mentioned here were present.
		Sub-Canopy Species		Density	Avg. Height	Size	
		White Pine		Medium	10 - 20 feet	10 - 20 feet	
		Tamarack		Medium	10 - 20 feet	10 - 20 feet	
		Black Spruce		Medium	10 - 20 feet	10 - 20 feet	
		Northern White Cedar		Medium	10 - 20 feet	10 - 20 feet	
3	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	15.9	97	81-110	N/A	OPIC - FMD: S6Q4, BUDWORM LT -MED, FEW LG WPINE, POOR ACCESS.SF 2025: Lowland mixed stand. Variable in composition with patches heavy to small red maple, some patches heavy to hemlock, some heavy to cedar, some heavy to spruce. Overall wet ground.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Red Maple		20	Pole	7	97	Balsam Fir	
Yellow Birch		5	Pole/Log	8		Hemlock	
Balsam Fir		10	Pole/Sapling	6		Red Maple	
Black Spruce		7	Pole/Sap/Log	8	97	Yellow Birch	
Northern White Cedar		20	Pole	8		White Pine	
White Pine		5	XLog/Log	18			
4	4312 - Hemlock, Mixed Deciduous	Sawtimber Well	12.8	105	171-200	N/A	OPIC - FMD: M6M7, Cut prmt# 30-02-07-01 "Carlshend Hardwood" (unit 3,4) - completed fall, 2008.2025 SF: Stand is vigorous uneven aged northern hardwoods heavy to red maple, hemlock, fir, and yellow birch. Good quality to log size trees. Basal area variable, with higher BA (180+) in thick hemlock patches which appear to have been untouched in past treatments. In areas of higher red maple/ fir density, basal area is 80-110.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Sugar Maple		5	Log/Pole/XLog	10	105	Balsam Fir	
Red Maple		30	Log/Pole/XLog	10	105	Red Maple	
Yellow Birch		10	Log/XLog/Pole	12		White Pine	
White Spruce		2	Log	14		Black Cherry	
Northern White Cedar		1	Log/Pole	10		Hemlock	
White Pine		1	XLog	28			
Hemlock		50	Log/Pole	12	105		
Black Cherry		1	Log	10			
5	6129 - Mixed Coniferous Lowland Forest	Poletimber Well	28.4	97	111-140	N/A	SF 2025: Small stream within. Small patches of quality black spruce present, but mostly hemlock and cedar.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Red Maple		18	Pole	6		Balsam Fir	
Balsam Fir		2	Pole/Sapling	6		Tag Alder	
Black Spruce		15	Pole	8	97	Northern White Cedar	
Northern White Cedar		35	Pole	8	97	Hemlock	
White Pine		1	Log/XLog	17			
Hemlock		29	Pole/Log	9			



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																														
6	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	12.4	95	171-200	N/A	SF 2025: Low ground stand with a mix of many species. Small poor quality red ample and fir mixed in.OPIC - FMD: Small area between the Q and M types, with wet areas interspersed.																																														
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7	4112 - Maple, Beech, Cherry Association	Sawtimber Well	32.1	105	111-140	N/A	SF 2025: Poor quality northern hardwood stand heavy to red maple logs. Evidence of possible swale or intermittent stream under the snow,. OPIC - FMD: M7M6 Cut prmt# 32-02-07-01 "Carlshend Hardwood" (unit 1,2) finished in 2008. Access through private from north - Plum Creek land.																																														
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8	629 - Mixed non-forested Wetland	None	4.9			No	Flooded lowland stand with tag alder, cattail, and some small scattered cedar. Beavers have dammed the drain under the road. Flooding is on east side of road. Small stream inside stand west of road. OPIC - FMD: BEAVER FLOODING																																														
9	6224 - Treed Bog	None	71.7			No	SF 2025: Treed cedar bog. Poor quality sapling size cedars throughout.																																														
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10	4115 - Y.Birch, Hemlock NH	Poletimber Well	4.8	105	81-110	N/A	SF 2025: Manage this stand with the hardwood stand to the north. Stand is not ready to be treated. 1Young red maple/yellow birch stand. Low ground access.Poor quality stand.																																														
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11	4112 - Maple, Beech, Cherry Association	Sawtimber Well	5.4	105	111-140	N/A	OPIC - FMD: Cut prmt. # 5-97-01 "Clark Road Hardwoods" (unit 1) - thinned 1998.SF 2025: Stand split off from NHW stand to the south because it was not thinned during last entry, and there is a lack of large-diameter super canopy yellow birch and red maple which is present in stand to the south. Stand is low quality northern hardwoods, heavy to red maple.																																																																	
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12	6224 - Treed Bog	None	31.4			No	SF 2025: Treed bog with spruce, tamarack and white pine. OPIC - FMD: V- BOG, SCATTERED BLACK SPRUCE.																																																																	
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13	4112 - Maple, Beech, Cherry Association	Sawtimber Well	105.4	105	111-140	N/A	SF 2025: Already on marking contract, confirmed last inventory notes. Stand treatment reduced slightly due to too steep ground. More acres may be lost during layout. 2022, EB, Great quality hardwood with dense maple sapling understory. Steep rolling terrain. Most valley bottoms have roads for access across stand. Machine harvests may be difficult if even possible in areas. Most of south and east along private may be too steep for management. OPIC - FMD: ACCESS ACROSS PVT LAND. CUT BY TIMBER PRODUCTS (KANERVA WAS SUB CONTRACTOR) UNDER PERMIT #029-99-01 "Cohen Hills" (units 1-3). Thinned October - December, 2001. Crew pulled out of sale and finished in October, 2002. E. portion of stand not thinned due to steep slopes. Also thinned in 1978-79 under permit #14/77. Heavier fir along lower edges. Ground cover of lycopodium. Overmature balsam fir (9-12" dbh) left between E side of G type and private lands. Fir should be removed whenever next treated.																																																																	
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14	310 - Herbaceous Openland	None	1.1			No	Natural opening now.																																																																	
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15	4112 - Maple, Beech, Cherry Association	Sawtimber Medium	8.4	105	51-80	N/A	Treated Feb/March, 2012 by Sanville under contract # 003-07-01 "Stack Grade 07" (unit 4).SF 2025: Wet mixed lowland stand.																																																																					
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16	4191 - Mixed Upland Deciduous with Conifer	Sapling Medium	6.2	23	Immature	N/A	SF 2025: Stand is fully stocked and growing well.OPIC - FMD: CUT BY TIMBER PRODUCTS (KANERVA WAS SUBCONTRACTOR) UNDER PERMIT#029-99-01. "Cohen Hills" (unit 5) - harvested December, 2001. Removed all fir, spruce and aspen, but left any hardwood and all cedar, hemlock. A few small maple poles scattered in stand.																																																																					
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17	6120 - Lowland Cedar	Sawtimber Well	202.9	105	171-200	N/A	Higher edges to black spruce; interior with more cedar, tamarack. Ground cover of sphagnum, lab tea, snowberry noted.SF 2025: Very wet large cedar swamp.																																																																					
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18	629 - Mixed non-forested Wetland	None	25.8			No																																																																						
19	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	29.5	105	51-80	N/A	SF 2025: Confirmed last inventory notes. Very wet stand. Some higher ground within; overall low and wet - drainage flows through.																																																																					
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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20	4112 - Maple, Beech, Cherry Association	Sawtimber Well	23.4	105	111-140	N/A	SF 2025: Quality northern hardwood stand with good acceptable growing stock advanced regeneration in the understory. OPIC - FMD: M7M6 Cut prmt# 32-02-07-01 "Carlshend Hardwood" (unit 1,2) finished in 2008. Access through private from north - Plum Creek land.
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Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	25	Log/Pole/XLog	12	105
Red Maple	52	Log/Pole	13	105
Yellow Birch	5	Log/XLog	14	
Hemlock	5	Pole/Log	9	
Black Cherry	13	Log	12	

Sub-Canopy Species	Density	Avg. Height	Size
Black Cherry	Low	10 - 20 feet	10 - 20 feet
Maple (spp.)	Full	10 - 20 feet	10 - 20 feet
Yellow Birch	Trace	10 - 20 feet	10 - 20 feet

21	6117 - Lowland Deciduous, Mixed Coniferous	Sawtimber Well	13.6	105	81-110	N/A	SF 2025: Wet mixed deciduous lowland stand. Low quality trees within.
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Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	2	Pole/Log	9	
Red Maple	55	Pole	8	105
Yellow Birch	6	Pole/Log	7	
Quaking Aspen	7	Log	10	
Balsam Fir	6	Pole	5	
White Spruce	2	Pole/Log	9	
Black Spruce	8	Pole	9	
White Pine	3	XLog	18	
Hemlock	6	Log	10	
Black Cherry	5	Pole	8	

Sub-Canopy Species	Density	Avg. Height	Size
Maple (spp.)	Low	< 5 feet	< 5 feet
Balsam Fir	High	Variable	Variable
Yellow Birch	Low	10 - 20 feet	10 - 20 feet
Quaking Aspen	Low	5 - 10 feet	5 - 10 feet
Northern White Cedar	Trace	< 5 feet	< 5 feet

22	4112 - Maple, Beech, Cherry Association	Sawtimber Well	13.7	105	81-110	N/A	SF 2025: High quality northern hardwoods stand. Good log sugar maple, lots of crop trees. Lots of good acceptable growing stock maple regeneration. OPIC - FMD: M6M7, Cut prmt# 30-02-07-01 "Carlshend Hardwood" (unit 3,4) - completed fall, 2008.
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Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	75	Log	14	105
Red Maple	15	Log	14	105
Yellow Birch	6	Log/XLog/Pole	12	
White Spruce	2	Log	14	
Hemlock	1	Log	12	
Black Cherry	1	Log	10	

Sub-Canopy Species	Density	Avg. Height	Size
Maple (spp.)	High	5 - 10 feet	5 - 10 feet

24	6117 - Lowland Deciduous, Mixed Coniferous	Sawtimber Well	12.1	105	81-110	N/A	Cut by Sanville Logging, Inc. in 2012 under "Stack Grade 07", 32-003-07. SF 2025: Low ground red maple stand with large component of hemlock. Low quality hardwood stems, very little sawtimber potential.
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Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	5	Pole	7	105
Red Maple	36	Log/Pole	12	105
Yellow Birch	13	Log/Pole	15	105
Quaking Aspen	10	Pole	9	
Balsam Fir	5	Pole	6	13
Hemlock	30	Log	14	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	High	Variable	Variable
Maple (spp.)	Full	< 5 feet	< 5 feet
Black Spruce	Low	10 - 20 feet	10 - 20 feet
Hemlock	Low	>20 feet	>20 feet



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																										
25	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Medium	31.0	105	81-110	N/A	SF 2025: Wet Q type stand. Stand shows surprisingly good hemlock regeneration in patches. OPIC - FMD: E6Q4, WET, SMALL DBH, NON-PROD.																																																										
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26	6129 - Mixed Coniferous Lowland Forest	Poletimber Well	44.0	105	51-80	N/A	Edge of larger treed bog complex. Mixed black spruce, cedar, tamarack, and black ash																																																										
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27	4115 - Y.Birch, Hemlock NH	Sawtimber Well	11.6	105	51-80	N/A	OPIC - FMD: Cut prmt. # 5-97-01 "Clark Road Hardwoods" (unit 1) - thinned 1998.SF 2025: Basal area around 70. Stand is low quality northern hardwoods, heavy to red maple. Oversize red maple, and yellow birch present throughout, with small log to pole size red maple growing between larger diameter trees. In lower basal area areas, quality, thick red maple sapling regeneration is present alongside competing balsam fir saplings.																																																										
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28	6128 - Lowland Coniferous, Mixed Deciduous	Sawtimber Well	49.3	105	141-170	N/A	SF 2025: Lowland hemlock and cedar stand																																																										
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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30	4113 - R.Maple, Conifer	Poletimber Well	7.2	105	81-110	N/A	OPIC - FMD: Surrounded by wet area, leave for wildlife. Mainly red maple stand.SF 2025: Pulp-quality red maple stand in the log size class. Surrounded by low wet ground.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	74	Log/Pole	15	105	Balsam Fir	High	>20 feet	>20 feet
Balsam Fir	5	Pole	6		Red Maple	Low	10 - 20 feet	10 - 20 feet
White Spruce	1	XLog/Log	18	105				
Northern White Cedar	5	Pole	9					
Hemlock	15	Log/XLog	16	105				

31	6129 - Mixed Coniferous Lowland Forest	Sawtimber Medium	20.3	105	51-80	N/A	Fairly open stand. Hemlock, spruce, cedar edges with transition to white pine, hemlock, cedar interior. Dead spruce within - mistletoe noted. BA ranged from 30 - 100.SF 2025: Notes from last inventory confirmed.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	5	Pole/Sap/Log	9		Balsam Fir	Medium	Variable	Variable
Yellow Birch	2	Log	10		Red Maple	Low	5 - 10 feet	5 - 10 feet
White Spruce	10	Log/Pole	11		White Pine	Trace	Variable	Variable
Black Spruce	10	Pole/Sapling	7		Black Spruce	Medium	Variable	Variable
Northern White Cedar	10	Pole/Log	8		Northern White Cedar	Low	>20 feet	>20 feet
White Pine	43	Log/XLog/Pole	14	105	Hemlock	Low	Variable	Variable
Hemlock	20	Log/Pole	12					

32	4115 - Y.Birch, Hemlock NH	Sawtimber Medium	5.1	107	81-110	N/A	Treated late winter 2012 by Sanville under contract # 003-07-01 "Stack Grade 07" (unit 1). Access is from the east across private. Some untreated areas included within stand.SF 2025: Small stand accessed from private to east. Resource damage to soils observed from last harvest to access western-most part of stand.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	60	Log/Pole	11	107	Black Spruce	Low	Variable	Variable
Yellow Birch	5	Log/XLog	15		Hemlock	Low	Variable	Variable
Balsam Fir	10	Pole/Sapling	6		Red Maple	Medium	>20 feet	>20 feet
White Spruce	2	Log	13		Red Maple	Medium	5 - 10 feet	5 - 10 feet
Northern White Cedar	2	Pole	9		Balsam Fir	High	Variable	Variable
White Pine	1	XLog	20					
Hemlock	19	Log/XLog/Pole	14					
Black Cherry	1	Log	12					

33	6128 - Lowland Coniferous, Mixed Deciduous	Sawtimber Well	67.3	107	111-140	N/A	OPIC - FMD: E4Q4Q3, PATCHY MERCH STEMS, WET, CUT SPRUCE/FIR W/ADJ STANDS, FEW WP. riparian area, leave for buffer. 2015: Pockets of scattered maple, birch within lowland. Heavy fir understory - lots of mixed species.SF 2024: Heavy to log-size hemlock, with other lowland mixed coniferous and deciduous species. Highly variable BA, with some patches of thick lowland conifer exceeding 180 BA.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	15	Pole/Log/Sap	9		White Pine	Trace	>20 feet	>20 feet
Yellow Birch	4	Pole/Sap/Log	8		Northern White Cedar	Low	5 - 10 feet	5 - 10 feet
Paper Birch	2	Pole/Sapling	5		Balsam Fir	High	Variable	Variable
Balsam Fir	5	Pole/Sapling	6		Tamarack	Trace	>20 feet	>20 feet
White Spruce	1	Log	12		Red Maple	Medium	>20 feet	>20 feet
Black Spruce	1	Pole/Sapling	7		Paper Birch	Trace	>20 feet	>20 feet
Northern White Cedar	21	Pole/Log	8	107	Tag Alder	Medium	5 - 10 feet	5 - 10 feet
White Pine	1	XLog/Log	18		Black Ash	Low	>20 feet	>20 feet



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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34 6120 - Lowland Cedar Poletimber Well 12.3 107 111-140 N/A Sf 2025: Lowland cedar stand

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	2	Pole	8	
Yellow Birch	2	Log/Pole	10	
Balsam Fir	10	Pole/Sapling	7	
White Spruce	5	Log	12	
Northern White Cedar	67	Pole/Log	8	107
White Pine	10	Log/XLog	16	
Hemlock	4	Log	12	

35 4119 - Mixed Northern Hardwoods Sawtimber Medium 35.2 105 51-80 N/A

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	3	Pole	9	
Red Maple	59	Log/Pole	13	105
Red Maple	10	XLog	23	
Yellow Birch	8	Log/XLog	15	
Balsam Fir	10	Pole	5	13
White Pine	1	XLog	18	
Hemlock	4	Log	12	
Black Cherry	5	Log	12	

Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	Low	10 - 20 feet	10 - 20 feet
Red Maple	High	10 - 20 feet	10 - 20 feet
White Pine	Low	10 - 20 feet	10 - 20 feet
Black Cherry	Medium	10 - 20 feet	10 - 20 feet
Yellow Birch	Low	5 - 10 feet	5 - 10 feet

2012 - Treated late winter of 2012 by Sanville under contract # 003-07-01. SF 2025: Poor quality, log-size red maple stand. Last treatment appears to have functioned as a shelterwood establishment harvest. Poor access to stand. Wet ground in patches throughout the stand. Great advanced red maple regeneration, with yellow birch, sugar maple, balsam fir and black cherry regeneration mixed in. 10-20 BA in each plot was balsam fir poles, with the remaining BA being made up of desirable northern hardwood species. Low sawtimber potential in small log-size and pole-size maple, and larger log-size maple are at economic maturity. Xlog size class trees are mostly wildlife-quality trees.

36 6128 - Lowland Coniferous, Mixed Deciduous Poletimber Well 13.2 107 141-170 N/A

OPIC - FMD: Q6, LOW DRAW IN HDWD STD., Leave for wildlife.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	10	Pole/Log	8	
Yellow Birch	15	Log	14	
Balsam Fir	10	Pole/Sapling	7	
White Spruce	5	Log	12	
Northern White Cedar	40	Pole/Log	8	107
Hemlock	20	Log/Pole	12	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Medium	Variable	Variable

39 6129 - Mixed Coniferous Lowland Forest Poletimber Medium 58.5 120 1-50 N/A

SMALL PATCHES MERCH STEMS, BASICALLY NON-PROD, INOPERABLE. Some areas of standing dead timber. Both RR and Hwy influence.

Canopy Species	% Cover	Size Class	DBH	Age
Black Spruce	35	Pole/Sapling	6	
Northern White Cedar	25	Pole/Log	8	
Tamarack	40	Pole/Log/Sap	7	120

Sub-Canopy Species	Density	Avg. Height	Size
Tamarack	Medium	>20 feet	>20 feet
Tag Alder	High	5 - 10 feet	5 - 10 feet
Northern White Cedar	Medium	Variable	Variable



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																															
40	6129 - Mixed Coniferous Lowland Forest	Poletimber Medium	195.1	125	1-50	N/A	Q5Q3. Low, wet. Mainly tamarack/spruce swamp/treed bog with trace white pine. Hwy and RR influence.																																																															
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41	6120 - Lowland Cedar	Poletimber Well	104.2	124	81-110	N/A	Tamarack/spruce with cedar sub-canopy. Hwy and RR influence.																																																															
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42	6121 - Tamarack	Poletimber Well	54.8	96	1-50	N/A	Patches of merchantable stems. Hwy and RR influence.																																																															
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43	629 - Mixed non-forested Wetland	None	12.0			No																																																																
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44	790 - Other Bare/Sparsely Vegetated	None	47.7			No	OPIC - FMD: M-35 AND RR R/W.																																																															
45	6120 - Lowland Cedar	Poletimber Well	14.5	124	111-140	N/A	Lots of standing water. Fir dieback; old balsam poplar, paper birch scattered within. Ground cover of sphagnum, grasses noted.																																																															
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46	6120 - Lowland Cedar	Poletimber Medium	22.7	124	1-50	N/A	SF 2025: Lowland mixed stand. Intermittent stream inside stand running NE/SW. Low Basal area, wet stand. 2 acres of upland within cut off from highway by very wet area. Cedar in patches. Sparser stand with more lowland brush; drainage within.																																																															
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47	629 - Mixed non-forested Wetland	None	5.7			No	SF 2025: Marshy bog with trees.																																																																					
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48	6121 - Tamarack	Sapling Well	25.6	7	Immature	N/A	SF 2025: Passed regeneration check with tamarack being the primary species. Heavy rabbit sign. Sanville cut old cyr bear sale 14-17. Completed winter of 18.																																																																					
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50	6121 - Tamarack	Sapling Well	32.4	7	Immature	N/A	SF 2025: Fully stocked with tamarack and aspen. Nice patches of S/T with scattered cedar; good rabbit sign. Difficult access off M-35. Sanville cut old cyr bear sale 14-17. Completed winter of 18.																																																																					
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51	4312 - Hemlock, Mixed Deciduous	Sawtimber Well	0.0	105	171-200	N/A	OPIC - FMD: M6M7, Cut prmt# 30-02-07-01 "Carlshend Hardwood" (unit 3,4) - completed fall, 2008. 2025 SF: Stand is vigorous uneven aged northern hardwoods heavy to red maple, hemlock, fir, and yellow birch. Good quality to log size trees. Basal area variable, with higher BA (180+) in thick hemlock patches which appear to have been untouched in past treatments. In areas of higher red maple/ fir density, basal area is 80-110.																																																																					
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
55	6119 - Mixed Lowland Deciduous Forest	Poletimber Well	12.2	105	81-110	N/A	Low ground red maple and yellow birch stand. Low quality red maple.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	5	Pole	6	105	Balsam Fir	Medium	10 - 20 feet	10 - 20 feet
Red Maple	47	Log	13	105	Maple (spp.)	Medium	5 - 10 feet	5 - 10 feet
Yellow Birch	35	Log/Pole	10		Black Spruce	Low	5 - 10 feet	5 - 10 feet
Quaking Aspen	5	Log/Pole	10		Hemlock	Trace	5 - 10 feet	5 - 10 feet
Northern White Cedar	2	Pole	7					
Hemlock	5	Pole	7					
Black Cherry	1	Log/Pole	13					

56	4110 - Sugar Maple Association	Sawtimber Medium	165.4	105	81-110	N/A	PIC - FMD: Cut prmt. #5-97-01 "Clark Road Hardwoods" - thinned 1998 - fall 2000.SF 2025: High quality northern hardwoods stand heavy to log-quality sugar maple.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	83	Log	14	105	Balsam Fir	High	Variable	Variable
Red Maple	12	Log	14	105	Maple (spp.)	Low	< 5 feet	< 5 feet
Yellow Birch	2	Log/Pole/XLog	16	105	Quaking Aspen	Low	5 - 10 feet	5 - 10 feet
Basswood	2	Log	12	105				
Black Cherry	1	Log	10					

57	6129 - Mixed Coniferous Lowland Forest	Poletimber Well	2.7	105	111-140	N/A	SF 2025: Saw edge of stand. Is a lowland conifer stand dominated by cedar and hemlock. Very wet.
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Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	5	Pole	6	
Balsam Fir	5	Pole	6	
Black Spruce	4	Pole	6	
Northern White Cedar	40	Pole	8	105
White Pine	1	XLog/Log	18	
Hemlock	40	Log/Pole	10	105
Black Ash	5	Pole	5	