



Compartment Review Presentation

Gwinn Forest Management Unit

Compartment 215

Entry Year 2015

Acreage: 1,177

County Marquette

Management Area: Peshekee Highlands

Revision Date: 07/03/2013

Stand Examiner: Tom Seablom

Legal Description:

T48N R 29W Sec 2 NW, Sec 10 S1/2SW, SWSE, Sec 12 E1/2 SE, Sec 13 NW, S1/2 SE; T49N R29W Sec 34 NE except NWNE, SE, SW except NWSE, Sec 36 NW, SWSE

Identified Planning Goals:

Management goals range from maintaining timber production and wildlife habitat to protecting water quality. Timber management within this compartment is primarily for fiber production on an even-age basis. Unevenage northern hardwood management does take place, producing quality sawlogs. Wildlife habitat will continue to be maintained as it is within the current cover types.

Soil and topography:

Soils fall within the Keewadin-Michigamme-Rock Outcrop Association. The upland soils are silty loams, ranging from being very deep with surface cobbles to shallow soils over bedrock, while the lowland's are Histosols and Minocqua mucks in the marshes and drainages. The topography has considerable, and sometimes quite abrupt, relief to it, which limits access to this compartment.

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

Ownership in this vicinity is quite fragmented. Historically, land has been held by timber companies with scattered State parcels and some private individual holdings. Recently, timber companies have begun to divest their holdings which has led to an increase in the number of private individual parcels. Development is minimal with the majority of it being in camps.

Unique Natural Features:

MNFI records indicate common loon nesting on Van Riper Lakes.

Archeological, Historical, and Cultural Features:

No Archeological, Historical, or Cultural Features known.

Special Management Designations or Considerations:

Peshekee Highlands Management Area

Watershed and Fisheries Considerations:

This compartment contains stream reaches of the West Branch Peshekee River and the Peshekee River. One of the Van Riper Lakes group (central lake) also falls within the compartment and is connected to the Peshekee River. These hydrologic systems are mainly supported by surficial run-off and groundwater resources are of a limited nature. The Peshekee River supports a spawning migration of adult walleye from Lake Michigamme in the spring. Implementation of BMP's that will aid in preventing sediment input from road crossings and upland areas are critically important to protect spawning areas for stream-resident fishes. Buffering the river is also critical to ensure future inputs of woody material to the stream channel.

Wildlife Habitat Considerations:

Compartment 215 is found within the Peshekee Highlands Management Area; which is on a Bedrock Controlled Ground Moraine in east central Baraga and northwestern Marquette County. The State Forest covers about 21,000 acres and is in widely scattered parcels. The dominant natural communities are mesic northern forest, poor conifer swamps, and boreal forests. Major forest cover types include northern hardwoods, mixed lowland conifer, and upland spruce-fir. This area has very rugged terrain and limited access. This management area provides multiple benefits to the public including forest products, dispersed recreational activities, and habitat for fish and wildlife species. Habitat management for Moose has been identified as a priority in this area. The Peshekee Highlands management area receives significant snowfall and does not offer wintering habitat for deer. As a result, many tree species that do not reliably recruit across the Ecoregion are found in numerous age classes across this management area. Additionally, three of the largest tracts of mature forest in the Great Lakes (e.g. McCormick Tract, Craig's Lake Wilderness State Park, and the Huron Mountain Club) occur within or adjacent to this management area, the best example of a dry mesic northern forest (Rocking Chair Lakes) in the state and

two of the top eight examples of Mesic Northern Forest statewide occur here. The current condition and spatial arrangement of these areas provide some of the best opportunities within the WUP, state, and Great Lakes for area sensitive wildlife requiring large tracts of mature forest, mesic conifer or corridors between such areas. Some of the most significant wildlife management issues in the management area are: habitat fragmentation; coarse woody debris; retain or develop large living and dead standing trees (for cavities); mesic conifer; mature forest; within-stand diversity; early successional forest (hardwood browse adjacent to closed canopy lowland conifer swamps); and coarse woody debris.

The following have been identified as featured species for the Peshekee Highlands Management Area: American Marten, Blackburnian Warbler, Gray Jay, Moose, Northern Goshawk, and Pileated Woodpecker. However, the featured species concept does not preclude the management for other wildlife species within a particular MA, rather it is simply intended to be as a tool to help prioritize or focus habitat management.

For lands purchased with Pittman–Robertson Act or Game and Fish funds, the primary objective of vegetative management must be wildlife restoration.

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of thin to discontinuous glacial outwash sand and gravel and postglacial alluvium. The glacial drift thickness varies between 10 and 50 feet or there is insufficient data to determine the glacial drift thickness. Precambrian Archean Granite/Gneiss and Michigamme Formation subcrop below the glacial drift. The Granite/Gneiss could be used for building or dimension stone. Gravel pits are not located in the area and potential appears to be limited. Abandoned iron mines are located to the south. This compartment was previously leased for metallic exploration. There is no economic oil and gas production in the UP.

Vehicle Access:

Primary access to this compartment is on Co. Rd. 607 'Peshekee Grade'. Various woods roads branching off of 607 provide internal access. The Indian Lake Road access the western parcel of the compartment.

Survey Needs:

Various corners are needed.

Recreational Facilities and Opportunities:

None.

Fire Protection:

High rock bluffs and rugged terrain restrict mechanized attacks. Portable pumps and hand tools will be the primary method of suppression. Water sources are limited to the Peshekee River and Van Riper Lakes as the majority of the creeks within the compartment are seasonal.

Additional Compartment Information:

The following reports from the Inventory are attached:

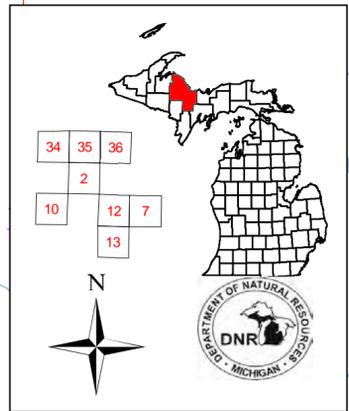
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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 & Treatment Map

Compartment: 215
 T48N R29W Sec. 07
 T48N R30W Sec. 02, 10, 12, 13
 T49N R30W Sec. 34, 35, 36
 County: Marquette
 Unit: Gwinn
 YOY: 2015
 Acres: 1,177 GIS Calculated
 Examiner: Tom Seablom
 Map Revised: 08/08/2013
 Map Phase: Pre-Review



Legend

- Miris Corners
- Remonumented Section Corners
- PLSS Corner
- Wood Post
- Highway
- County Paved Roads
- Paved Roads
- County Gravel Roads
- Gravel Roads
- Poor Dirt Roads
- County Poor Dirt Roads
- Trail (Non-Recreation)
- Closed Roads
- Structures
- Gate
- Berms
- Stream
- Intermittent Stream
- Lakes and Rivers
- State Forest Land

Treatments w/ Site Condition

- Treatments w/ Site Condition

Treatments

- Clearcut (w/Reserves, Patch/Strip)
- Seed Tree (w/Reserves)
- Shelter Wood (w/Reserves)
- Selection (Group, Single Tree)
- Other Treatment - See Comments

Forest Stands

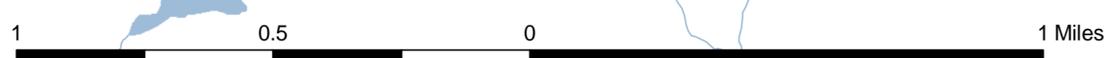
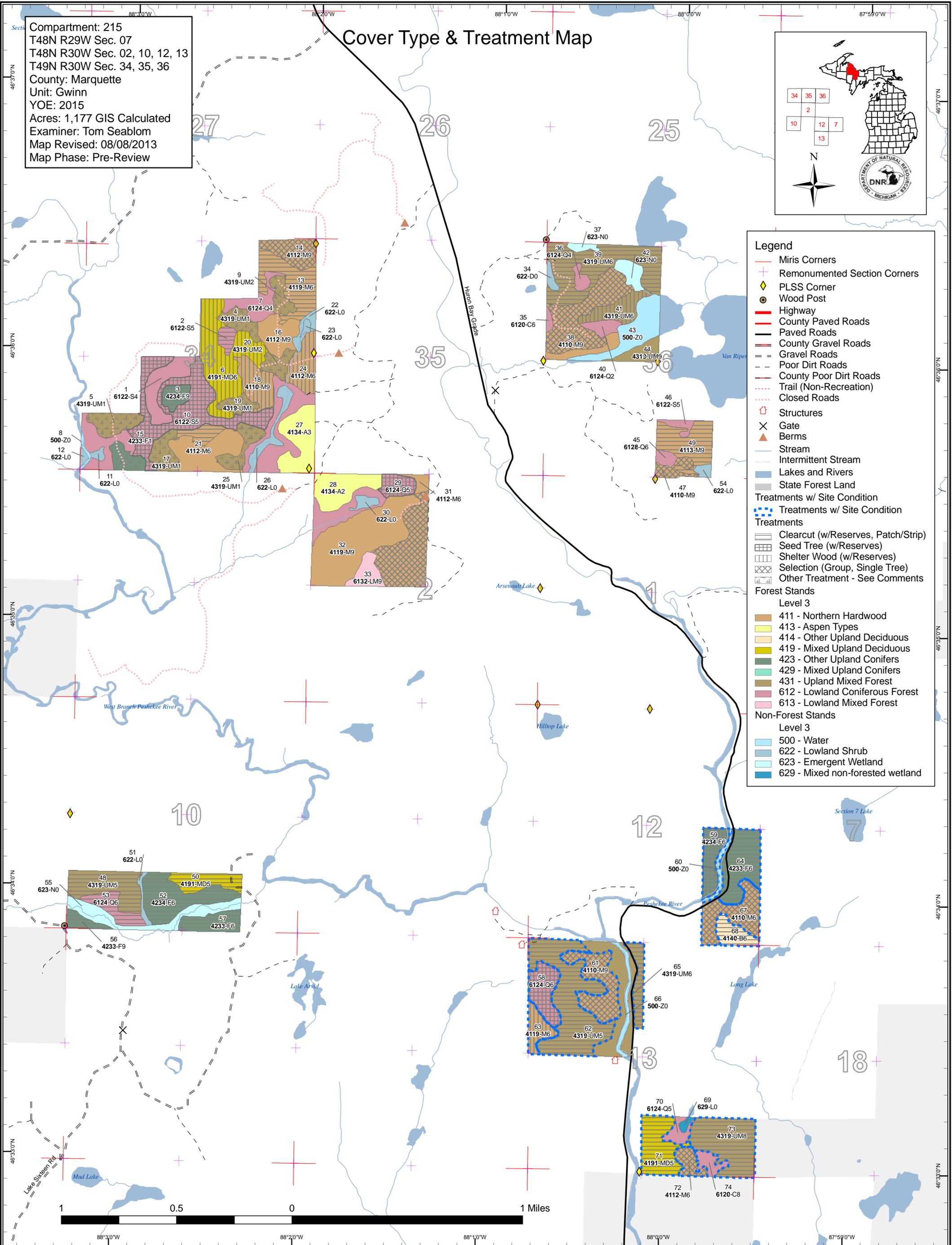
Level 3

- 411 - Northern Hardwood
- 413 - Aspen Types
- 414 - Other Upland Deciduous
- 419 - Mixed Upland Deciduous
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 431 - Upland Mixed Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest

Non-Forest Stands

Level 3

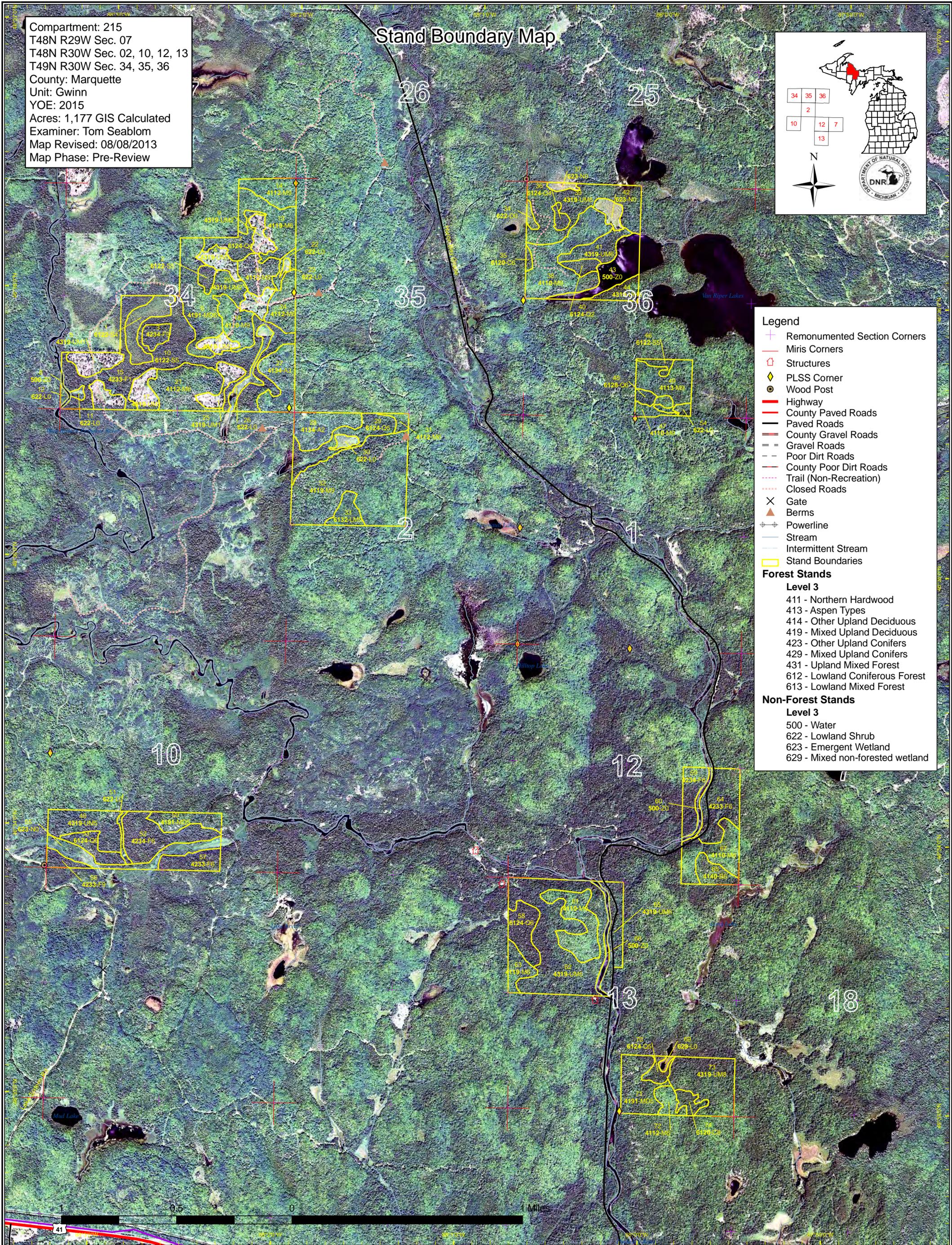
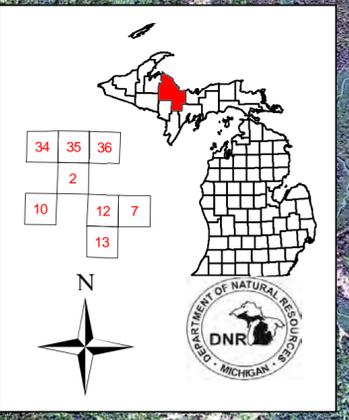
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland
- 629 - Mixed non-forested wetland



88°30'W 88°20'W 88°10'W 88°00'W 87°50'W
 46°37'0"N 46°35'0"N 46°33'0"N 46°31'0"N 46°29'0"N

Compartment: 215
 T48N R29W Sec. 07
 T48N R30W Sec. 02, 10, 12, 13
 T49N R30W Sec. 34, 35, 36
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 Unit: Gwinn
 YOY: 2015
 Acres: 1,177 GIS Calculated
 Examiner: Tom Seablom
 Map Revised: 08/08/2013
 Map Phase: Pre-Review

Stand Boundary Map



Legend

- ✦ Remonumented Section Corners
- ✦ Miris Corners
- 🏠 Structures
- ◆ PLSS Corner
- ⊙ Wood Post
- 🛣 Highway
- 🛤 County Paved Roads
- 🛤 Paved Roads
- 🛤 County Gravel Roads
- 🛤 Gravel Roads
- 🛤 Poor Dirt Roads
- 🛤 County Poor Dirt Roads
- 🛤 Trail (Non-Recreation)
- 🛤 Closed Roads
- ✕ Gate
- ▲ Berms
- ⚡ Powerline
- 🌊 Stream
- 🌊 Intermittent Stream
- 🟡 Stand Boundaries

Forest Stands

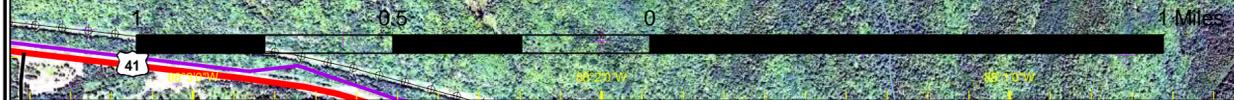
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Non-Forest Stands

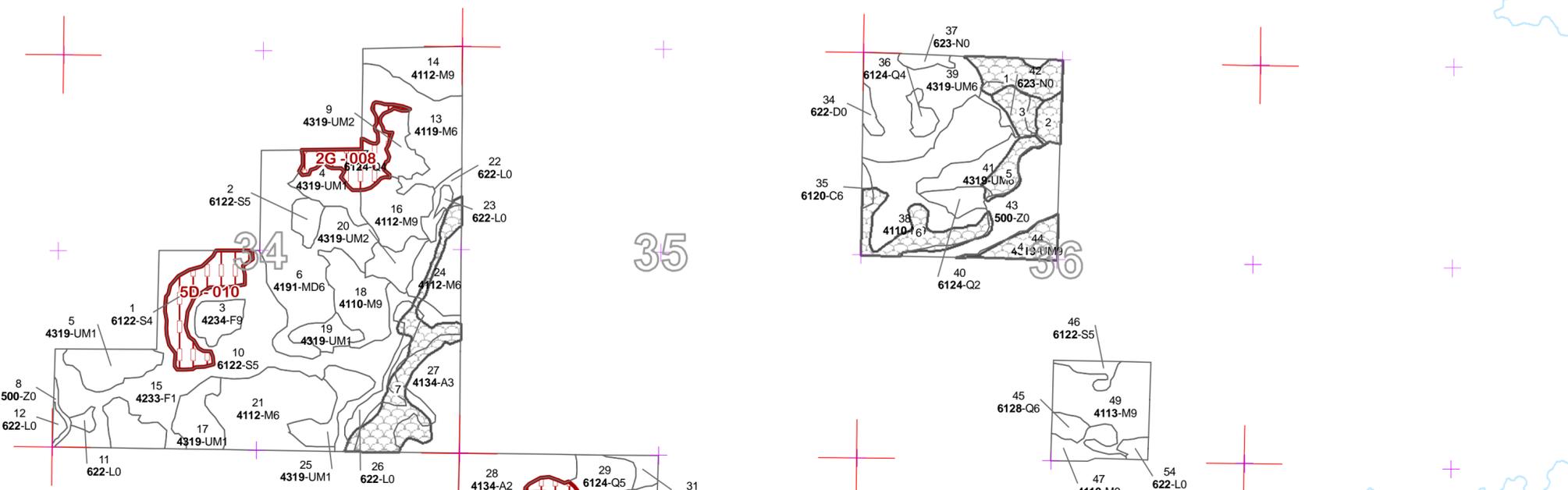
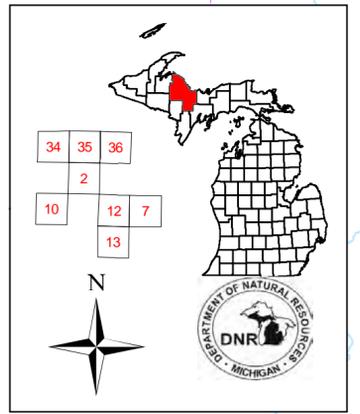
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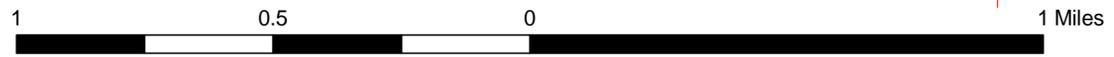
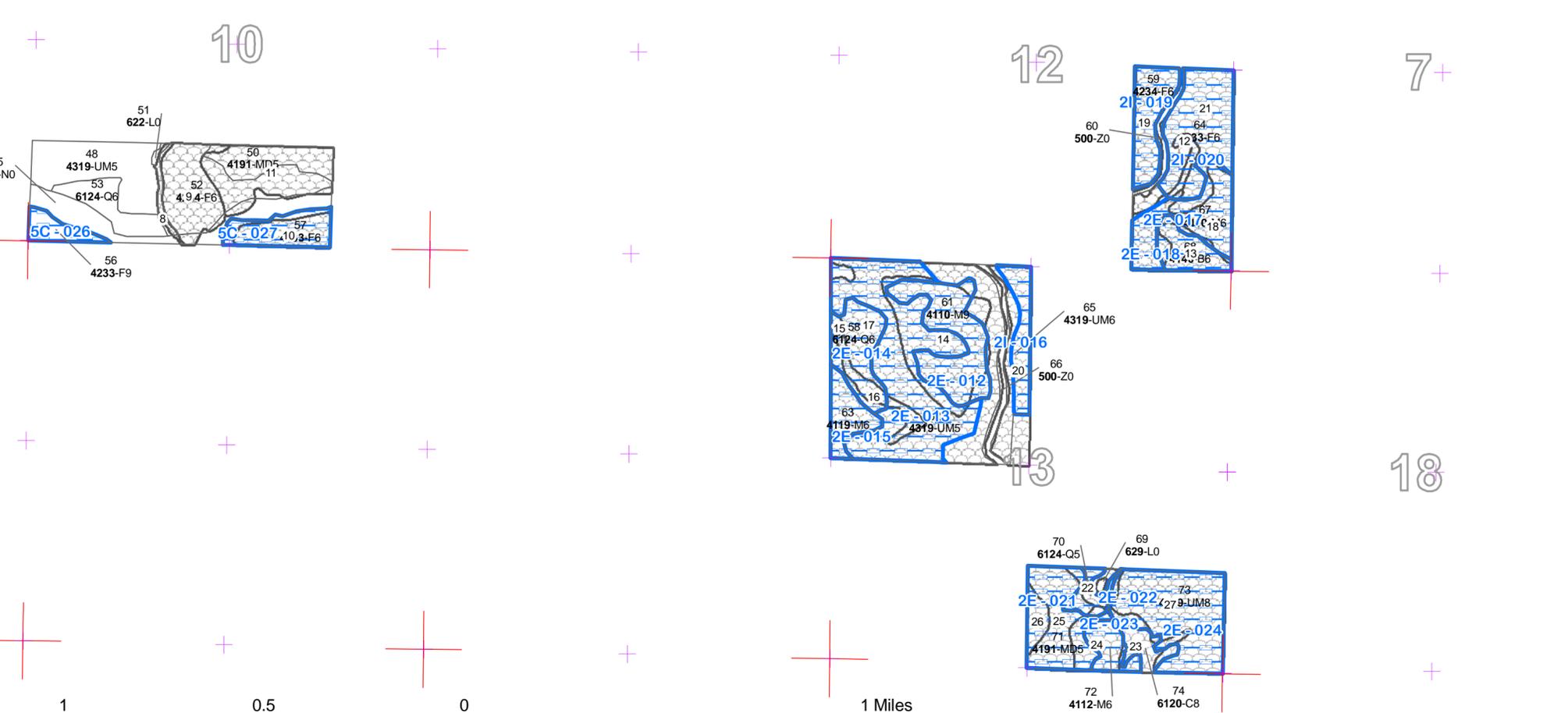
Special Conservation Areas & Site Conditions Map

Compartment: 215
 T48N R29W Sec. 07
 T48N R30W Sec. 02, 10, 12, 13
 T49N R30W Sec. 34, 35, 36
 County: Marquette
 Unit: Gwinn
 YOE: 2015
 Acres: 1,177 GIS Calculated
 Examiner: Tom Seablom
 Map Revised: 08/08/2013
 Map Phase: Pre-Review



Legend

- Miris Corners
- Stand Boundaries
- Site Condition Available
- Available w/ Constraints (Factor - Number)
- Unavailable (Factor - Number)
- Site Condition Type
- Available Factors W/ Constraints
 - 2E: Road needed
 - 2I: Survey needed
- Unavailable Factors
 - 2G: Too wet (sensitive soils, does not include access issues)
 - 3J: Water quality / BMPs (stream, river, or lake)
 - 5D: Unproductive Forest Land
- Reviewable SCAs
 - SCA Removal
 - Dedicated Special Conservation Areas
 - Cold Water Streams



88°30'W 88°20'W 88°10'W 88°00'W 87°50'W
 46°37'0"N 46°35'0"N 46°33'0"N 46°31'0"N 46°29'0"N

Report 1 – Total Acres by Cover Type and Age Class

Gwinn Mgt. Unit

Compartment 215 Year of Entry 2015

Thomas Seablom : Examiner



	Age Class													Total	
	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 +		Uneven Age
Aspen	0	44	0	0	0	0	0	0	0	0	0	0	0	0	44
Cedar	0	0	0	0	0	0	0	2	0	0	0	6	0	0	7
Lowland Conifers	0	0	0	0	0	5	17	5	29	0	23	0	0	0	79
Lowland Mixed Forest	0	0	0	0	0	0	0	0	0	0	9	0	0	0	9
Lowland Shrub	25	0	0	0	0	0	0	0	0	0	0	0	0	0	25
Lowland Spruce/Fir	0	0	0	0	0	3	0	92	21	0	0	0	0	0	116
Marsh	29	0	0	0	0	0	0	0	0	0	0	0	0	0	29
Mixed Upland Deciduous	0	0	0	0	0	0	0	0	13	67	0	0	0	0	80
Northern Hardwood	0	0	0	0	0	44	0	0	62	148	99	0	0	0	353
Paper Birch	0	0	0	0	0	0	0	0	10	0	0	0	0	0	10
Treed Bog	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Upland Mixed Forest	60	0	0	0	0	43	0	0	147	36	0	0	0	0	286
Upland Spruce/Fir	8	0	0	0	0	76	14	7	0	0	0	0	0	0	104
Water	33	0	0	0	0	0	0	0	0	0	0	0	0	0	33
Total	157	44	0	0	0	171	30	105	282	251	131	6	0	0	1177



Report 2 – Proposed Treatment Summaries

Gwinn Mgt. Unit
Year of Entry 2015

Compartment 215
Total Compartment Acres: 1,177

Acres by Treatment Type

Commercial Harvest - 716	Tree Planting - 0	Other - 68
Habitat Cut - 0	Opening Maintenance - 0	

Cover Type by Harvest Method

		Clearcut	Selection	Seed Tree	Shelterwood	Thinning	Other - Specify	Total Acres
Lowland Coniferous Forest	15	0	78	0	0	0	0	93
Mixed Upland Deciduous	37	0	0	44	0	0	0	80
Northern Hardwood	55	150	0	41	0	0	0	245
Other Upland Conifers	82	0	14	0	0	0	0	96
Other Upland Deciduous	10	0	0	0	0	0	0	10
Upland Mixed Forest	178	0	0	13	0	0	0	192
Total	377	150	92	98	0	0	0	716



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
2	32215002-Cut	4.4	6122 - Black Spruce	Medium Density Pole	85		Harvest	Clearcut with Reserves	6122 - Black Spruce	Cmpt. Review Proposal
<u>Prescription</u> Clearcut w/reserves. Cut all merchantable stems except any white pine and northern white cedar. <u>Specs:</u> <u>Other</u> Majority of timber is in north part of stand. Stocking is less dense in the south. <u>Comments:</u> <u>Next</u> Regen survey as per work instructions. <u>Steps:</u> <u>Proposed</u> <u>Start Date:</u> 10/01/2014										
3	32215003-Cut	6.7	42340 - Upland Spruce/Fir	High Density Log	73		Harvest	Clearcut with Reserves	42340 - Upland Spruce/Fir	Cmpt. Review Proposal
<u>Prescription</u> Clearcut w/reserves. Cut all merchantable trees except white pine and leave 2-3 each of mature white spruce and aspen. <u>Specs:</u> <u>Other</u> Recommend winter harvest. <u>Comments:</u> <u>Next</u> Regen survey as per work instructions. <u>Steps:</u> <u>Proposed</u> <u>Start Date:</u> 10/01/2014										
6	32215006-Cut	43.8	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	95		Harvest	Shelter Wood with Reserves	4191 - Mixed Upland Deciduous with Conifer	Cmpt. Review Proposal
<u>Prescription</u> A combination of a clearcut and shelterwood should be used in this stand. In areas higher to sugar maple use the shelterwood method leaving <u>Specs:</u> approx. 40 sq. ft/ac, where it is heavy to red maple/fir/aspens then clearcut, retaining scattered larger aspen and 2 to 3 clumps of 20-25 balsam fir trees. <u>Other</u> Very rugged stand and not all of it may be treatable. Retention areas may be relegated to rugged areas. <u>Comments:</u> <u>Next</u> Regen survey as per work instructions. <u>Steps:</u> <u>Proposed</u> <u>Start Date:</u> 10/01/2014										
10	32215010-Cut	52.8	6122 - Black Spruce	Medium Density Pole	75		Harvest	Seed Tree with Reserves	6122 - Black Spruce	Cmpt. Review Proposal
<u>Prescription</u> Seed tree w/reserves. Cut all merchantable trees, except cedar and balsam fir. Leave scattered groups of mature trees (groups of 6-8 trees) for <u>Specs:</u> a seed source that includes large tamarack, and leave all advanced reproduction. Not all of the stand will be operable. West end may be removed for drainage. <u>Other</u> Recommend winter harvest. <u>Comments:</u> <u>Next</u> Regen survey as per work instructions. <u>Steps:</u> <u>Proposed</u> <u>Start Date:</u> 10/01/2014										



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
13	32215013-Cut	25.4	4119 - Mixed Northern Hardwoods	High Density Pole	100	111-140	Harvest	Clearcut with Reserves	4119 - Mixed Northern Hardwoods	Cmpt. Review Proposal

Prescription Clearcut w/reserves. Leave any yellow birch, oak, and white pine, cut all other merchantable trees.

Specs:

Other Rugged stand, recommend winter harvest.

Comments:

Next Regen survey as per work instructions.

Steps:

Proposed

Start Date: 10/01/2014

14	32215014-Cut	14.5	4112 - Maple, Beech, Cherry Association	High Density Log	100	111-140	Harvest	Group Selection	4110 - Sugar Maple Association	Cmpt. Review Proposal
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Prescription Group selection with heavy thinning (40-60 sq. ft. residual) in between groups, bordering on shelterwood. Open up around oaks 1.5 - 2 tree lengths on 3 sides from the drip line. Try to install group cuts by oaks. In addition, leave all hemlock and yellow birch.

Specs:

Other Log stand with sugar maple regen in the understory. Decent tree quality.

Comments:

Next Regen survey as per work instructions.

Steps:

Proposed

Start Date: 10/01/2014

18	32215018-Cut	15.6	4110 - Sugar Maple Association	High Density Log	95	111-140	Harvest	Shelterwood	4110 - Sugar Maple Association	Cmpt. Review Proposal
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Prescription Shelterwood harvest with a residual basal area of 40-50 sq. ft/acre. Leave all white spruce and yellow birch.

Specs:

Other There is considerable defect in the stand. There is some top dieback but primarily on the pole size trees.

Comments:

Next Regen survey as per work instructions.

Steps:

Proposed

Start Date: 10/01/2014

21	32215021_sm all-Cut	6.5	4112 - Maple, Beech, Cherry Association	High Density Pole	88	51-80	Harvest	Clearcut with Reserves	4119 - Mixed Northern Hardwoods	Cmpt. Review Proposal
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Prescription Clearcut this portion of the stand reserving scattered mature white spruce, yellow birch, and some white birch.

Specs:

Other This portion of the stand is heavier to birch and spruce/fir.

Comments:

Next Regen survey as per work instructions.

Steps:

Proposed

Start Date: 10/01/2014



Stand	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
24	32215024-Cut	15.4	4112 - Maple, Beech, Cherry Association	High Density Pole	100	81-110	Harvest	Shelter Wood with Reserves	4113 - R.Maple, Conifer	Cmpt. Review Proposal
<p><u>Prescription</u> Shelterwood w/reserves harvest this stand. Heavier reserves in the north where there is more sugar maple and less residual in the south where it is heavier to red maple-fir. Retain as much balsam fir as possible.</p> <p><u>Specs:</u></p> <p><u>Other</u> Not all of this stand is treatable. Sale setup will determine actual treatment boundary. Poor quality sugar and red maple with a heavy fir understory. Stand has two creeks running through it and is essentially two knobs.</p> <p><u>Comments:</u></p> <p><u>Next Steps:</u> Regen survey as per work instructions.</p> <p><u>Proposed Start Date:</u> 10/01/2014</p>										
29	32215029_sm all-Cut	8.4	6124 - Lowland Spruce-Fir	Medium Density Pole	108		Harvest	Seed Tree with Reserves	6124 - Lowland Spruce-Fir	Cmpt. Review Proposal
<p><u>Prescription</u> Seed tree w/reserve harvest this stand. Leave approx. 15 seed trees/acre in clumps scattered throughout the stand of mixed species. Cut all trees in between clumps except white pine.</p> <p><u>Specs:</u></p> <p><u>Other</u> Low stand.</p> <p><u>Comments:</u></p> <p><u>Next Steps:</u> Regen survey as per work instructions.</p> <p><u>Proposed Start Date:</u> 10/01/2014</p>										
32	32215032_sm all-Cut	35.8	4119 - Mixed Northern Hardwoods	High Density Log	95	81-110	Harvest	Group Selection	4119 - Mixed Northern Hardwoods	Cmpt. Review Proposal
<p><u>Prescription</u> Group selection with heavy thinning between groups. Group's should be approx. 90-125 feet in diameter. Thin to approx. 60 sq. ft/ac. between the groups. Concentrate groups in areas of poor quality, large, timber and where oak are present. Thin in areas between scattered hemlock. Retain hemlock, oak, and any white pine if present. No chipping of tops.</p> <p><u>Specs:</u></p> <p><u>Other</u> Very rugged, bouldery ground with low areas in depressions.</p> <p><u>Comments:</u></p> <p><u>Next Steps:</u> Regen survey as per work instructions.</p> <p><u>Proposed Start Date:</u> 10/01/2014</p>										
38	32215038-Cut	37.3	4110 - Sugar Maple Association	High Density Log	59	81-110	Harvest	Group Selection	4110 - Sugar Maple Association	Cmpt. Review Proposal
<p><u>Prescription</u> Group selection with heavy thinning (60 sq. ft/ac residual) between groups. Groups should be 90-125 ft. in diameter concentrated in poor quality timber areas. Retain all yellow birch and white spruce.</p> <p><u>Specs:</u></p> <p><u>Other</u> Stand was shelterwood harvested in the past and has areas of heavy small diameter poles to thin through. Access to stand is from the north.</p> <p><u>Comments:</u> Quality varies throughout the stand.</p> <p><u>Next Steps:</u> Regen survey as per work instructions.</p> <p><u>Proposed Start Date:</u> 10/01/2014</p>										



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
39	32215039-Cut	47.4	4319 - Mixed Upland Forest	High Density Pole	82		Harvest	Clearcut with Reserves	4113 - R.Maple, Conifer	Cmpt. Review Proposal
<u>Prescription</u> Clearcut with reserves. Cut all fir and spruce >6-inch stump diameter and all maple. Mark to cut yellow birch, or designate by diameter, ie those trees 16" and less on the stump. Retain all cedar and at least 5% of the yellow birch. Leave 3 to 4 scattered large patches (1/4 acre) of heavy fir cover. No chipping of tops. <u>Specs:</u> <u>Other</u> Northeast part of stand will be difficult to get to as there is a steep drainage that runs across the stand about 1/2 way across. Will have to freeze across south end of pre-inventory stand 41. <u>Comments:</u> <u>Next</u> Regen survey as per work instructions. <u>Steps:</u> <u>Proposed</u> <u>Start Date:</u> 10/01/2014										
41	32215041-Cut	13.5	4319 - Mixed Upland Forest	High Density Pole	82		Harvest	Shelter Wood with Reserves	4319 - Mixed Upland Forest	Cmpt. Review Proposal
<u>Prescription</u> Shelterwood harvest, leaving all cedar, some yellow birch, and any hemlock and white pine. <u>Specs:</u> <u>Other</u> <u>Comments:</u> <u>Next</u> Regen survey as per work instructions. <u>Steps:</u> <u>Proposed</u> <u>Start Date:</u> 10/01/2014										
47	32215047-Cut	6.1	4110 - Sugar Maple Association	High Density Log	100		Harvest	Single Tree Selection	4110 - Sugar Maple Association	Cmpt. Review Proposal
<u>Prescription</u> Currently under contract #303-10-01 Van Riper Lakes Sale. <u>Specs:</u> <u>Other</u> <u>Comments:</u> <u>Next</u> Regen survey as per work instructions. <u>Steps:</u> <u>Proposed</u> <u>Start Date:</u> 09/01/2010										
48	32215048-Cut	24.9	4319 - Mixed Upland Forest	Medium Density Pole	57		Harvest	Clearcut with Reserves	4319 - Mixed Upland Forest	Cmpt. Review Proposal
<u>Prescription</u> Clearcut stand, cutting all merchantable timber except pine, tamarac, and black cherry. Also retain approximately 12 large aspen trees. No chipping of tops. <u>Specs:</u> <u>Other</u> Very rugged stand. Access will be difficult. Aspen retention can occur in inaccessible areas. <u>Comments:</u> <u>Next</u> Regen survey as per work instructions. <u>Steps:</u> <u>Proposed</u> <u>Start Date:</u> 10/01/2014										



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
49	32215049-Cut	23.0	4113 - R.Maple, Conifer	High Density Log	100		Harvest	Clearcut with Reserves	4113 - R.Maple, Conifer	Cmpt. Review Proposal
<u>Prescription</u> Stand currently under contract #303-10-01 Van Riper Lakes Sale.										
<u>Specs:</u>										
<u>Other</u>										
<u>Comments:</u>										
<u>Next</u> Regen survey as per work instructions.										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 09/01/2010										
50	32215050-Cut	13.0	4191 - Mixed Upland Deciduous with Conifer	Medium Density Pole	82		Harvest	Clearcut with Reserves	4191 - Mixed Upland Deciduous with Conifer	Cmpt. Review Proposal
<u>Prescription</u> Clearcut w/reserves. Cut all merchantable trees except any pine that may be present. Retention is to be composed of large aspen and windfirm white spruce.										
<u>Specs:</u>										
<u>Other</u> Very rugged stand but a road does go through stand to provide access.										
<u>Comments:</u>										
<u>Next</u> Regen survey as per work instructions.										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2014										
52	32215052-Cut	29.6	42340 - Upland Spruce/Fir	High Density Pole	57		Harvest	Clearcut with Reserves	42340 - Upland Spruce/Fir	Cmpt. Review Proposal
<u>Prescription</u> Clearcut all merchantable trees except any pine and cedar that may be present. Retention is to include large aspen and windfirm white spruce.										
<u>Specs:</u>										
<u>Other</u> Very rugged stand, access is from east.										
<u>Comments:</u>										
<u>Next</u> Regen survey as per work instructions.										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2014										
53	32215053-Cut	10.7	6124 - Lowland Spruce-Fir	High Density Pole	80		Harvest	Clearcut with Reserves	6124 - Lowland Spruce-Fir	Cmpt. Review Proposal
<u>Prescription</u> Clearcut stand leaving any cedar. Retention will be in creek buffer and is to include larger tamarack and large aspen (either inside or outside of the buffer).										
<u>Specs:</u>										
<u>Other</u> Will have to buffer creek.										
<u>Comments:</u>										
<u>Next</u> Regen survey as per work instructions.										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2014										



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
56	32215056-Cut	5.5	42330 - Upland Fir	High Density Log	50		Harvest	Clearcut with Reserves	42330 - Upland Fir	Cmpt. Review Proposal
<u>Prescription</u> Clearcut w/reserves leaving aspen, white pine and unmerchantable balsam fir and unmerchantable black spruce.										
<u>Specs:</u>										
<u>Other</u> Buffer creek. Stand could hold another entry period. Cut this stand with hardwood stands in adjacent compartment 216 in 2022.										
<u>Comments:</u>										
<u>Next</u> Regen survey as per work instructions.										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2014										
57	32215057-Cut	12.9	42330 - Upland Fir	High Density Pole	50		Harvest	Clearcut with Reserves	42330 - Upland Fir	Cmpt. Review Proposal
<u>Prescription</u> Clearcut w/reserves cutting all merchantable trees except any white pine that may be present. Retention is to include large aspen and white birch as well as 2-3 1/4 acre patches of fir.										
<u>Specs:</u>										
<u>Other</u> Buffer creek. Stand could hold till next entry. Hold stand and treat with hardwood in Compartment 216 to the west in 2022.										
<u>Comments:</u>										
<u>Next</u> Regen survey as per work instructions.										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2014										
4	32215004- Other	8.4	4319 - Mixed Upland Forest	Low Density Sapling	2		Other	Unspecified	4319 - Mixed Upland Forest	Cmpt. Review Proposal
<u>Prescription</u> Regen survey at next inventory cycle.										
<u>Specs:</u>										
<u>Other</u> Harvest was just completed and stand is regenerating but not fully stocked yet.										
<u>Comments:</u>										
<u>Next</u>										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2022										
5	32215005- Other	11.3	4319 - Mixed Upland Forest	Low Density Sapling	2		Other	Unspecified	4319 - Mixed Upland Forest	Cmpt. Review Proposal
<u>Prescription</u> Regen survey at next inventory cycle.										
<u>Specs:</u>										
<u>Other</u> Stand was recently harvested and is regenerating but not yet fully stocked.										
<u>Comments:</u>										
<u>Next</u>										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2022										



Stand	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
9	32215009-Other	7.3	4319 - Mixed Upland Forest	Medium Density Sapling	4		Other	Unspecified	4319 - Mixed Upland Forest	Cmpt. Review Proposal
<u>Prescription</u> Regen survey at next inventory cycle. <u>Specs:</u> <u>Other</u> Stand was recently harvested and is regenerating but not yet fully stocked. <u>Comments:</u> <u>Next Steps:</u> <u>Proposed Start Date:</u> 10/01/2022										
15	32215015-Other	8.0	42330 - Upland Fir	Low Density Sapling	2		Other	Unspecified	42330 - Upland Fir	Cmpt. Review Proposal
<u>Prescription</u> Regen survey at next inventory. <u>Specs:</u> <u>Other</u> Stand recently harvested and is regenerating but not yet fully stocked. <u>Comments:</u> <u>Next Steps:</u> <u>Proposed Start Date:</u> 10/01/2022										
17	32215017-Other	9.8	4319 - Mixed Upland Forest	Low Density Sapling	2		Other	Unspecified	4319 - Mixed Upland Forest	Cmpt. Review Proposal
<u>Prescription</u> Regen survey at next inventory cycle. <u>Specs:</u> <u>Other</u> Stand was recently harvested and is regenerating adequately but stand is not yet fully stocked. <u>Comments:</u> <u>Next Steps:</u> <u>Proposed Start Date:</u> 10/01/2022										
19	32215019-Other	5.9	4319 - Mixed Upland Forest	Low Density Sapling	2		Other	Unspecified	4319 - Mixed Upland Forest	Cmpt. Review Proposal
<u>Prescription</u> Regen survey at next inventory cycle. <u>Specs:</u> <u>Other</u> Stand was recently harvested and is regenerating adequately but is not yet fully stocked. <u>Comments:</u> <u>Next Steps:</u> <u>Proposed Start Date:</u> 10/01/2022										

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Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
20 32215020-Other	7.1	4319 - Mixed Upland Forest	Medium Density Sapling	4		Other	Unspecified	4319 - Mixed Upland Forest	Cmpt. Review Proposal

Prescription Regen survey at next inventory cycle.Specs:Other Stand was recently harvested and is adequately regenerating but not yet fully stocked.Comments:NextSteps:ProposedStart Date: 10/01/2022

25 32215025-Other	9.6	4319 - Mixed Upland Forest	Low Density Sapling	2		Other	Unspecified	4113 - R.Maple, Conifer	Cmpt. Review Proposal
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Prescription Regen survey at next inventory cycle.Specs:Other Stand was recently harvested and is regenerating adequately but is not yet fully stocked.Comments:NextSteps:ProposedStart Date: 10/01/2022

**Total Treatment
Acreage Proposed: 520.7**

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Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
58 32215058-Cut	16.5	6124 - Lowland Spruce-Fir	High Density Pole	62		Harvest	Seed Tree with Reserves	6124 - Lowland Spruce-Fir	Cmpt. Review Proposal

Prescription Seed tree with reserves harvest is being prescribed leaving approximately 10-15 seed trees per acre between spruce and fir and an occasional large aspen. Leave all cedar. All other trees are to be cut.

Other Comment: Access will either be through adjacent stand or from private to the west.

Next Steps: Regen survey as per work instructions.

Proposed Start Date: 10/01/2014

Limiting Factor 2E: Road needed

59 32215059-Cut	14.0	42340 - Upland Spruce/Fir	High Density Pole	60		Harvest	Seed Tree with Reserves	42340 - Upland Spruce/Fir	Cmpt. Review Proposal
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Prescription Seed tree harvest leaving approx. 10 spruce and fir (in combination) per acre. Cut all trees over 5" on the stump.

Other Comment: Buffer Peshekee River, 150 ft. North end is quite steep and will be excluded from the harvest. This is where most of the aspen is. Most likely winter access across private from the west.

Next Steps: Regen survey as per work instructions.

Proposed Start Date: 10/01/2014

Limiting Factor 2I: Survey needed

61 32215061-Cut	25.1	4110 - Sugar Maple Association	High Density Log	90	81-110	Harvest	Group Selection	4110 - Sugar Maple Association	Cmpt. Review Proposal
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Prescription Group selection bodreing on shelterwood harvest is being prescribed for this stand. Groups should be 90-125 ft in diameter and thinning between the groups to approx. 50 sq ft/ac residual. Cut no cherry, yellow birch or white pine. All white spruce, fir and white birch are to be cut.

Other Comment: Stand can be accessed from the northwest corner of Sec. 13. An old skid road/small haul road exists in the stand but putting in a new road will be a major project.

Next Steps: Regen survey as per work instructions.

Proposed Start Date: 10/01/2014

Limiting Factor 2E: Road needed

62 32215062-Cut	59.6	4319 - Mixed Upland Forest	Medium Density Pole	85		Harvest	Clearcut with Reserves	4319 - Mixed Upland Forest	Cmpt. Review Proposal
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Prescription Clearcut all trees over 6" diameter at stump height except for any white pine. Retention (5%) is to include scattered large white spruce and aspen. No chipping of tops.

Other Comment: Most likely access is either going to be from the northwest corner where a road is immediatly adjacent or from the west where a road runs parallel with the State-Private boundary.

Next Steps: Regen survey as per work instructions.

Proposed Start Date: 10/01/2014

Limiting Factor 2E: Road needed

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Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
63 32215063-Cut	9.5	4119 - Mixed Northern Hardwoods	High Density Pole	91	51-80	Harvest	Shelter Wood with Reserves	4119 - Mixed Northern Hardwoods	Cmpt. Review Proposal

Prescription Specs: Shelterwood with reserves harvest is prescribed for this stand. Cut all trees except white pine, cherry, and yellow birch. Leave enough sugar maple to maintain shelterwood level basal area.

Other Comment: Very rugged stand. Access will either be across adjacent stands or private land to the west. Recommend winter harvest.

Next Steps: Regen survey as per work instructions.

Proposed Start Date: 10/01/2014

Limiting Factor 2E: Road needed

64 32215064-Cut	27.7	42330 - Upland Fir	High Density Pole	55	81-110	Harvest	Clearcut with Reserves	4319 - Mixed Upland Forest	Cmpt. Review Proposal
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Prescription Specs: Clearcut this stand retaining scattered cull white birch and aspen, cedar, and non merchantable fir. Leave scattered wind-firm white spruce. No chipping of tops.

Other Comment: A small tag alder depression is in the center of this stand. This stand is very rugged.

Next Steps: Regen survey as per work instructions.

Proposed Start Date: 10/01/2014

Limiting Factor 2I: Survey needed

65 32215065-Cut	10.2	4319 - Mixed Upland Forest	High Density Pole	52		Harvest	Clearcut with Reserves	4319 - Mixed Upland Forest	Cmpt. Review Proposal
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Prescription Specs: Clearcut this stand retaining any white pine, cedar and any other non merchantable trees. Also retain 3 to 4 large aspen. No chipping of tops.

Other Comment: Very rugged stand along the Peshekee Grade. Some low pockets of spruce and cedar in stand. Summer harvest is possible, winter is recommended.

Next Steps: Regen survey as per work instructions.

Proposed Start Date: 10/01/2014

Limiting Factor 2I: Survey needed

67 32215067-Cut	23.8	4110 - Sugar Maple Association	High Density Pole	80	111-140	Harvest	Group Selection	4110 - Sugar Maple Association	Cmpt. Review Proposal
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Prescription Specs: Group selection harvest with thinning between the groups to approx. 50 sq. ft/ac residual. Group diameter should be 90-125 feet. Retain all cedar.

Other Comment: Stand itself is operable, however it is on top of a steep hill that currently doesn't have any access. A drainage on the north side provides the only machine access to the stand. Assess before sale prep.

Next Steps: Regen survey as per work instructions.

Proposed Start Date: 10/01/2014

Limiting Factor 2E: Road needed

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Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
68 32215068-Cut	9.7	4140 - Other Upland Deciduous	High Density Pole	80		Harvest	Clearcut with Reserves	4319 - Mixed Upland Forest	Cmpt. Review Proposal

Prescription Clearcut this stand reserving any white pine, cedar, and 10-15 white birch (preferably cull) for both a seed source and wildlife tree.
Specs:

Other Comment: Operable stand, however access is unlikely. If hardwood stand to the north is accessed this stand should be as well.

Next Steps: Regen survey as per work instructions.

Proposed Start Date: 10/01/2014

Limiting Factor 2E: Road needed

71 32215071-Cut	23.5	4191 - Mixed Upland Deciduous with Conifer	Medium Density Pole	91	51-80	Harvest	Clearcut with Reserves	4191 - Mixed Upland Deciduous with Conifer	Cmpt. Review Proposal
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Prescription Clearcut this stand retaining big tooth aspen, white pine, any hemlock, cedar, and yellow birch, as well as some of the unmerchantable balsam fir.
Specs:

Other Comment: Stand is extremely rugged and currently does not have access to it, therefore a harvest is very unlikely.

Next Steps:

Proposed Start Date: 10/01/2014

Limiting Factor 2E: Road needed

72 32215072-Cut	7.2	4112 - Maple, Beech, Cherry Association	High Density Pole	85	81-110	Harvest	Group Selection	4110 - Sugar Maple Association	Cmpt. Review Proposal
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Prescription Group selection with thinning to approx. 50 sq. ft/ac residual basal area between groups. Groups should range from 90-125 feet in diameter.
Specs: Retain all cedar and yellow birch.

Other Comment: Currently there is no access to this stand therefore a harvest is unlikely.

Next Steps:

Proposed Start Date: 10/01/2014

Limiting Factor 2E: Road needed

73 32215073-Cut	35.9	4319 - Mixed Upland Forest	Medium Density Log	91		Harvest	Clearcut with Reserves	4319 - Mixed Upland Forest	Cmpt. Review Proposal
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Prescription Clearcut this stand retaining any aspen, white pine, and some scattered wind-firm white spruce as well as cull white birch and cull maple. No chipping of tops.
Specs:

Other Comment: There currently is no access to this stand making a harvest very unlikely.

Next Steps:

Proposed Start Date: 10/01/2014

Limiting Factor 2E: Road needed

**Total Treatment
Acreage Proposed: 262.7**

Report 5 – Site Conditions

Gwinn Mgt. Unit
Tom Seablom : Examiner

Compartment 215
Year of Entry 2015

Availability for Management

Availability for Management			Dominant Site Conditions							
Total Acres	Acres Available	Acres Not Available								
Acres	Available	Not Available	No	5D	5C	3J	2I	2G	2E	
44	44		Aspen	44						
7	7		Cedar	7						
79	52	26	Lowland Conifers	31			15	12	22	
9	9		Lowland Mixed Forest	9						
116	100	17	Lowland Spruce/Fir	100	17					
80	80		Mixed Upland Deciduous	57					24	
353	353		Northern Hardwood	290					63	
10	10		Paper Birch						10	
286	286		Upland Mixed Forest	180			10		95	
104	104		Upland Spruce/Fir	44		18	42			
1,088	1,045	43	Total Forested Acres	761	17	18	15	52	12	213
	96%	4%	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
008	Not Available	2G: Too wet (sensitive soils, does not include access issues)	12	2I: Survey needed			
Comments: Low density stand. It's essentially a drainage from the surrounding stands.							
010	Not Available	5D: Unproductive Forest Land	17				
Comments: Stagnant black spruce stand. Pockets of mistletoe. Diameters range from 2-6" and trees are 85 yrs. old. Some areas of the stand are right at 25% canopy, some are less. Quite variable stocking.							
011	Not Available	3J: Water quality / BMPs (stream, river, or lake)	15	2F: Too steep			
Comments: Majority of stand was left as a buffer from previous harvests. West end is surrounded by steep terrain.							

Report 5 – Site Conditions

Gwinn Mgt. Unit
Tom Seablom : Examiner

Compartment 215
Year of Entry 2015

012	Available	2E: Road needed	25	2B: Unknown if access through adjacent landowner(s) is possible	
Comments: Need to explore options with adjacent landowner for access to general area. Currently a road to this stand doesn't exist.					
013	Available	2E: Road needed	60	2B: Unknown if access through adjacent landowner(s) is possible	2I: Survey needed
Comments: Need to explore options with adjacent landowner for access to general area. Currently a road to this stand doesn't exist.					
014	Available	2E: Road needed	17	2B: Unknown if access through adjacent landowner(s) is possible	2I: Survey needed
Comments: Need to explore options with adjacent landowner for access to general area. Currently a road to this stand doesn't exist.					
015	Available	2E: Road needed	10	2B: Unknown if access through adjacent landowner(s) is possible	2I: Survey needed
Comments: Need to explore options with adjacent landowner for access to general area. Currently a road to this stand doesn't exist.					
016	Available	2I: Survey needed	10		
Comments: A survey is needed to establish property corners and boundary before sale can take place.					
017	Available	2E: Road needed	21	2I: Survey needed	
Comments: Stand itself is operable, however, it sits on the top of a hill with a very steep slope getting up to it from the north. The remaining 3 cardinal directions have no roads constructed on them.					

Report 5 – Site Conditions

Gwinn Mgt. Unit
Tom Seablom : Examiner

Compartment 215
Year of Entry 2015

018	Available	2E: Road needed	10	2I: Survey needed	
Comments: The stand itself is operable but there currently isn't a road to it. It is on the top of a steep hill. A survey to establish property corners is also needed. If access to the hardwood stand to the north is found, this stand can be harvested at that time					
019	Available	2I: Survey needed	14	2B: Unknown if access through adjacent landowner(s) is possible	
Comments: A survey is needed and need to explore options with adjacent landowner for access to stand. Currently a road to this stand doesn't exist.					
020	Available	2I: Survey needed	28		
Comments: A survey is needed before sale prep can occur.					
021	Available	2E: Road needed	24	No Limiting Factor	No Limiting Factor
Comments: First and foremost this stand is inaccessible by machinery at the current time. Secondly, it is very rugged with steep dropoffs. It also needs a survey.					
022	Available	2E: Road needed	5	2I: Survey needed	
Comments: This stand is inaccessible at the current time.					
023	Available	2E: Road needed	7	2E: Road needed	2I: Survey needed
Comments: Currently a road to this area doesn't exist because of rugged terrain. A survey is also needed.					
024	Available	2E: Road needed	36	2E: Road needed	2I: Survey needed
Comments: Currently a road to this area doesn't exist because of rugged terrain. A survey is also needed.					

Report 5 – Site Conditions

Gwinn Mgt. Unit
Tom Seablom : Examiner

Compartment 215
Year of Entry 2015

026	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	6
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Comments:

Hold stand and treat with hardwood in Compartment 216 in 2022.

027	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	13
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Comments:

Hold stand and treat with hardwood in Comp 216 in 2022.



Report 6 – 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
15	Potential Old Growth		SCA Removal	0.9
Comments Remove from POG, not old growth and not unique. Old beaver meadow.				
8	Potential Old Growth		SCA Removal	2.2
Comments Remove from POG, not old growth and not unique. Drainage.				
12	Potential Old Growth		SCA Removal	2.4
Comments Remove from POG, not old growth and not unique. Lowland brush.				
26	Potential Old Growth		SCA Removal	3.9
Comments Remove from POG, not old growth and not unique.				
2	Potential Old Growth		SCA Removal	4.2
Comments Remove from POG, not old growth and not unique				
22	Potential Old Growth		SCA Removal	5.3
Comments Remove from POG, not old growth and not unique.				
3	Potential Old Growth		SCA Removal	5.7
Comments Old beaver pond, not unique				
5	Potential Old Growth		SCA Removal	5.8
Comments Remove from POG, not old growth and not unique				
16	Potential Old Growth		SCA Removal	6.2
Comments Remove from POG, not old growth and not unique. Tag alder drainage.				
4	Potential Old Growth		SCA Removal	8.0
Comments Remove from POG, not old growth and not unique				
13	Potential Old Growth		SCA Removal	8.7
Comments Remove from POG, not old growth and not unique.				

**Report 6 – 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
23	Potential Old Growth		SCA Removal	8.7
Comments Remove from POG, not old growth and not unique.				
10	Potential Old Growth		SCA Removal	10.2
Comments Remove from POG, not old growth and not unique.				
24	Potential Old Growth		SCA Removal	10.8
Comments Remove from POG, not old growth and not unique.				
1	Potential Old Growth		SCA Removal	11.0
Comments Remove from SCA, not unique habitat				
6	Potential Old Growth		SCA Removal	13.5
Comments Remove from POG, not old growth and not unique				
19	Potential Old Growth		SCA Removal	14.4
Comments Remove from POG, not old growth and not unique.				
25	Potential Old Growth		SCA Removal	16.1
Comments Remove from POG, not old growth and not unique.				
9	Potential Old Growth		SCA Removal	18.2
Comments Remove from POG, not old growth and not unique.				
18	Potential Old Growth		SCA Removal	19.9
Comments Remove from POG, not old growth and not unique.				
20	Potential Old Growth		SCA Removal	21.1
Comments Remove from POG, not old growth and not unique.				
7	Potential Old Growth		SCA Removal	25.4
Comments Remove from POG, not old				



Report 6 – 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
11	Potential Old Growth		SCA Removal	25.5
Comments Remove from POG, not old growth and not unique.				
21	Potential Old Growth		SCA Removal	30.8
Comments Remove from POG, not old growth and not unique.				
27	Potential Old Growth		SCA Removal	33.9
Comments Remove from POG/Other SCA, not old growth and not unique.				
14	Potential Old Growth		SCA Removal	38.9
Comments Remove from POG, not old growth and not unique.				
17	Potential Old Growth		SCA Removal	83.7
Comments Remove from POG, not old growth and not unique.				



Report 7 – DEDICATED CONSERVATION AREA DETAILS

* This is a list of Dedicated Biodiversity Areas for this compartment along with a 1/4 mile buffer surrounding the compartment. Refer to Dedicated Conservation Area Map for areas that the below listed Conservation Areas are located.

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

Conservation Area	Type	Description
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	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
1	6122 - Black Spruce	Low Density Pole	16.6	85		Stagnant black spruce stand. Pockets of mistletoe. Diameters range from 2-6". Some areas of the stand are right at 25% canopy, some are less. Quite variable stocking.
2	6122 - Black Spruce	Medium Density Pole	4.4	85		Lowland black spruce stand surrounded by high ground. Canopy closure increases moving south to north in the stand.
3	42340 - Upland Spruce/Fir	High Density Log	6.7	73		Stand was put up as part of North Boar's Nest Sale in 2005 but was never cut. Stand is a mixed upland island surrounded by lowland black spruce. It's in the process of converting to fir & spruce with some red maple. Scattered very large white pine.
4	4319 - Mixed Upland Forest	Low Density Sapling	8.4	2		Stand harvested in summer-fall of 2009 as part of the North Boar's Nest Sale, #32-304-06-01. All aspen, maple, white birch, balsam, white and black spruce meeting minimum spec's were harvested. Harvesting was very difficult due to terrain. Large white pine scattered throughout the stand. Red maple regen is heavily browsed (moose).
5	4319 - Mixed Upland Forest	Low Density Sapling	11.3	2		First age is estimated as existing balsam are quite variable in size. Stand harvested March 2011, North Boar's Nest Sale (32-304-06-01). Approx. 10 seed trees/ac. were left.
6	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	43.8	95		Stand was originally prescribed and setup as the North Boar's Nest sale but was never cut. Stand is quite rugged but most of it is operable.
7	6124 - Lowland Spruce- Fir	Low Density Pole	12.0	82		Lowland stand, mix of spruce, fir, tamarack and cedar with tag alder in the open areas. Drainage surrounded by rocky stands.
9	4319 - Mixed Upland Forest	Medium Density	7.3	4		Stand harvested in August 2009, North Boar's Nest sale (#32-304-06-01).
10	6122 - Black Spruce	Medium Density Pole	92.0	75		Lowland spruce-fir stand. Some cedar and deciduous species along the edges of the stand. Tamarack occurs in a few areas. Not all of the stand is merchantable. Some areas of smaller diameter and lower stocking (west side) do occur. Mistletoe is in this stand as well.
13	4119 - Mixed Northern Hardwoods	High Density Pole	25.4	100	111-140	Stand was part of the North Boar's Nest Sale (#32-304-06-01) but was never cut. Stand is heavy to red maple and balsam fir. Scattered red oak in stand.
14	4112 - Maple, Beech, Cherry Association	High Density Log	14.5	100	111-140	Stand was part of North Boar's Nest Sale but was never cut. Scattered red oak and hemlock throughout. Moose using this stand during the spring.
15	42330 - Upland Fir	Low Density Sapling	8.0	2		Fair amount of small residual fir left in the stand. Too early to tell on regen yet. Check next entry. Age of existing fir is quite variable. It was estimated as dbh ranges from .5-3". Stand harvested March 2011, North Boar's Nest Sale (32-304-06-01). Approx. 10 seed trees/ac were left.



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
16	4112 - Maple, Beech, Cherry Association	High Density Log	14.6	100	51-80	Stand harvested in August 2009, North Boar's Nest Sale (#32-304-06-01). Red maple has virtually all been browsed.
17	4319 - Mixed Upland Forest	Low Density Sapling	9.8	2		Aspen coming in ok (heavily browsed though). Small diameter residual fir makes up majority of the canopy at this point. Some scattered upland cedar within the stand. As of field inventory, no evidence of white birch stump sprouts. Too early to see much regen, check at next entry. Stand harvested March 2011 as part of the North Boar's Nest Sale (32-304-06-01).
18	4110 - Sugar Maple Association	High Density Log	15.6	95	111-140	Stand was part of North Boar's Nest Sale but was never cut. Primarily a log stand with some poles. Scattered large white pine. Some dieback is occurring in the stand but not significant and is primarily on the smaller (8-10") diameter trees.
19	4319 - Mixed Upland Forest	Low Density Sapling	5.9	2		Stand cut March 2011, North Boar's Nest Sale (#32-304-06-01).
20	4319 - Mixed Upland Forest	Medium Density	7.1	4		Stand harvested August 2009, North Boar's Nest Sale (32-304-06-01).
21	4112 - Maple, Beech, Cherry Association	High Density Pole	30.7	88	51-80	Stand harvested in March 2011 as part of the North Boar's Nest Sale (#32-304-06-01). Trees were skidded tree length in this unit which was a violation of the contract. Some damage occurred.
24	4112 - Maple, Beech, Cherry Association	High Density Pole	15.4	100	81-110	Very rugged stand. Two intermittent creeks run through stand. Most of stand is inoperable due to terrain.
25	4319 - Mixed Upland Forest	Low Density Sapling	9.6	2		Stand bordering on non-forest. Only canopy trees are a few scattered white pine and some balsam fir. Red maple stump sprouts are present, but whether they all make up 25% is questionable. Stand harvested in March 2011 as part of the North Boar's Nest Sale (#32-304-06-01).
27	4134 - Aspen, Spruce/Fir	High Density Sapling	23.0	16		Stand harvested December '96-Jan '97 by Escanaba paper, Boar's Nest Road Sale (#27-95). All oak, cherry, red and white pine, and spruce with 2 or less sticks were left. Stand is mix of aspen, maple, birch, cherry, and spruce/fir.
28	4134 - Aspen, Spruce/Fir	Medium Density	20.5	16		Stand harvested December '96-Jan '97 by Escanaba paper, Boar's Nest Road Sale (#27-95). All oak, cherry, red and white pine, and spruce with 2 or less sticks were left. Stand is mix of aspen, maple, birch, cherry, and spruce/fir. There are some scattered white birch saplings as well.
29	6124 - Lowland Spruce- Fir	Medium Density Pole	22.9	108		Lowland stand and some upland, most of which is along a creek that drains into the west branch of the Peshekee River. Scattered large white pine in stand.
31	4112 - Maple, Beech, Cherry Association	High Density Pole	3.3	95	81-110	Small stand on property edge. Heavy fir understory. Trace of aspen in stand.



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
32	4119 - Mixed Northern Hardwoods	High Density Log	94.5	95	81-110	Portion of stand (OI stand 54) harvested summer's of 2008 and 2009 by Triest Forest Products, Inc. South Boar's Nest Sale (#32-305-06-01). North and west side has more oak than the south and east side, but the south and east has more hemlock.
33	6132 - Mixed Lowland Forest with Cedar	High Density Log	8.9	100		Canopy is very mixed between cedar, hemlock and black ash. Ash is in pockets and borders on being unmerchantable.
35	6120 - Lowland Cedar	High Density Pole	1.5	73		Small stand on edge of compartment. Mix of cedar, spruce, and tamarack.
36	6124 - Lowland Spruce-Fir	Low Density Pole	3.4	88		Mixed stand, predominantly lowland conifer with scattered red maple. Very open canopy with abundant saplings in the 5-10 ft. range. Mistletoe is in stand.
38	4110 - Sugar Maple Association	High Density Log	44.3	59	81-110	Mostly all sugar maple. Some red maple and yellow birch present. Very little conifer, which is mainly along the edges. Partially cut back in the 1950's and shelter wood harvested in the mid 1970's.
39	4319 - Mixed Upland Forest	High Density Pole	47.4	82		Stand is of mixed upland species: fir, maple, spruce, yellow birch, and cedar. It is heavy to fir and white spruce throughout with a good component of red maple. Yellow birch and cedar do exist throughout the stand as well. Northwest portion of stand (old OI stand 4) partially cut in 1954 and 1972.
40	6124 - Lowland Spruce-Fir	Medium Density	5.1	59		Small stand created from cuttings in 1954 and 1972. Mix of lowland conifer, heavy to fir and cedar.
41	4319 - Mixed Upland Forest	High Density Pole	13.5	82		Mixed upland stand, heavy to red maple and fir. Cedar along east end of stand.
44	4319 - Mixed Upland Forest	High Density Log	8.2	82		Remove from SCA=>POG. Stand is along Van Riper Lakes
45	6128 - Lowland Coniferous, Mixed Deciduous	High Density Pole	3.2	82		Lowland conifer stand with black ash. Stand has a creek running through the middle of it.
46	6122 - Black Spruce	Medium Density Pole	3.3	59		Small stand that was excluded from adjacent timber sale.
47	4110 - Sugar Maple Association	High Density Log	6.1	100		Stand currently under timber sale contract: 32-303-10-01 Van Riper Lakes.
48	4319 - Mixed Upland Forest	Medium Density Pole	24.9	57		Rugged stand with difficult access. Stand is converting to spruce-fir-red maple. Aspen is falling apart.
49	4113 - R.Maple, Conifer	High Density Log	23.0	100		Stand currently under contract: 32-303-10-01 Van Riper Lakes.



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
50	4191 - Mixed Upland Deciduous with Conifer	Medium Density Pole	13.0	82		Stand currently listed as SCA=>Potential Old Growth. Remove from this designation as it isn't exhibiting any of these characteristics. Very rugged stand.
52	42340 - Upland Spruce/Fir	High Density Pole	29.6	57		Stand currently listed as SCA=>Potential Old Growth. Removed from Old Growth as it isn't exhibiting any of these characteristics. Aspen and birch are falling out of stand. Within 2 entry periods stand will be a fir/spruce stand.
53	6124 - Lowland Spruce- Fir	High Density Pole	10.7	80		Similar species make up of pre-inventory stand 47, but lowland and contains cedar and large tamarack.
56	42330 - Upland Fir	High Density Log	5.5	50		Nice fir stand. Aspen as fallen out. Stand is in good shape. Heavy moose sign.
57	42330 - Upland Fir	High Density Pole	12.9	50		Stand very heavy to fir. Lots of small diameter trees. Birch and aspen are falling out of stand and only make up a small component of the stand. Stand is essentially a side hill leading to the lowland brush stand to the north.
58	6124 - Lowland Spruce- Fir	High Density Pole	16.5	62		Currently SCA=>Potential Old Growth, recommend removing from this status. Stand is a mix of upland and lowland, slightly heavier to lowland. Stand exists at the low point of a gradual down slope from the northeast and a gradual downslope from the southwest. Appears to be a two-age stand. A narrow tag alder drainage does run through the stand as well.
59	42340 - Upland Spruce/Fir	High Density Pole	14.0	60		Currently SCA=>Potential Old Growth. Recommend removal from this as it doesn't exhibit any of these characteristics. Stand is about equal white spruce and balsam fir. North end is an extremely steep rock hill with no operable chance.
61	4110 - Sugar Maple Association	High Density Log	25.1	90	81-110	Currently listed as SCA=>Potential Old Growth. Recommend removal from this status. Stand has been entered in the past. Cutting records do not exist however old roads are within the stand and a difference in tree size and age is quite evident.
62	4319 - Mixed Upland Forest	Medium Density Pole	78.3	85		Currently SCA=>Potential Old Growth. Recommend removal from SCA. Stand doesn't exhibit old growth characteristics. This stand is very rugged with a heavy fir understory. The dominant tree in the canopy is quite variable but heavy to red maple over the majority of the stand. Aspen and birch are patchy throughout the stand. Northwest corner of stand is heavy to fir and both white and black spruce. Drainages with tag alder and scattered cedar are throughout the stand. East side of stand is steep (100% slope) hillside down to the Peshekee River.
63	4119 - Mixed Northern Hardwoods	High Density Pole	9.5	91	51-80	Currently SCA=>Potential Old Growth. Remove stand from this status. Stand is extremely poor quality hardwoods and quite rugged. Trees are cracked, crooked, short and heavily forked. Soil is very shallow over bedrock.
64	42330 - Upland Fir	High Density Pole	27.7	55	81-110	Currently coded as SCA=>Potential Old Growth. Recommend removal from this status as it doesn't exhibit any of these characteristics. Birch is 1/2 dead and falling out of stand. Balsam is recruiting to be the overstory.



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
65	4319 - Mixed Upland Forest	High Density Pole	18.0	52		Currently listed as SCA=>Potential Old Growth. Recommend removal from this status. Had been left as an aesthetic buffer along road in the past.
67	4110 - Sugar Maple Association	High Density Pole	23.8	80	111-140	Currently coded as SCA=>Potential Old Growth. Recommend removing from this status as it doesn't exhibit any of those characteristics. Very rugged stand. Rock knob on east side is heavy to cedar.
68	4140 - Other Upland Deciduous	High Density Pole	9.7	80		Currently listed as SCA=>Potential Old Growth. Recommend removal from this status. Stand does not exhibit any of the necessary characteristics.
70	6124 - Lowland Spruce-Fir	Medium Density Pole	5.1	72		SCA=>Potential Old Growth. Stand currently listed as POG. Recommend removal from this status. Stand is the result of an old lake that appears to be filling in. Cedar, balsam, and red maple are mainly on the outer edge of the stand and black spruce is dominant near the center.
71	4191 - Mixed Upland Deciduous with Conifer	Medium Density Pole	23.5	91	51-80	Currently listed as SCA=>Potential Old Growth. Recommend removal from this status. This stand is essentially three knobs with trees on them divided by a 'Y' drainage. About 80% of this stand is inoperable due to terrain and drainages. The west side of the stand is a steep hill side that borders the Peshekee River.
72	4112 - Maple, Beech, Cherry Association	High Density Pole	7.2	85	81-110	There is currently no access to this stand. It is operable though.
73	4319 - Mixed Upland Forest	Medium Density Log	35.9	91		Currently listed as SCA=>Potential Old Growth. Recommend removal from this status. This is predominantly a white birch-fir-red maple stand. There is some aspen and sugar maple present (the southeast corner is a small pocket of low quality hardwood that would be treated the same as main stand). Fir will take over this stand within the next 2 entry periods as the birch is beginning to fall apart. Stand is operable for a harvest however there currently is no access.
74	6120 - Lowland Cedar	Medium Density Log	5.6	110		Currently listed as SCA=>Potential Old Growth. Recommend removal from this status. Predominantly a cedar log stand with balsam and black ash poles (in pockets) scattered throughout. Mucky soils.



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
8	50 - Water	1.2	N/A	Unspecified	
11	6220 - Alder/willow	1.5	N/A	Unspecified	
12	6220 - Alder/willow	1.2	N/A	Unspecified	
22	622 - Lowland Shrub	3.8	N/A	Unspecified	
23	622 - Lowland Shrub	1.2	N/A	Unspecified	
26	6220 - Alder/willow	8.1	N/A	Unspecified	
30	622 - Lowland Shrub	3.1	N/A	Unspecified	
34	6224 - Treed Bog	2.2	N/A	Unspecified	
37	6233 - Wet Meadow	2.5	N/A	Unspecified	
42	6233 - Wet Meadow	6.5	N/A	Unspecified	
43	50 - Water	21.8	N/A	Unspecified	
51	6220 - Alder/willow	2.4	N/A	Unspecified	
54	622 - Lowland Shrub	2.2	N/A	Unspecified	
55	6233 - Wet Meadow	20.3	N/A	Unspecified	
60	50 - Water	3.9	N/A	Unspecified	
66	50 - Water	5.8	N/A	Unspecified	
69	629 - Mixed non-forested wetland	1.5	N/A	Unspecified	