



**Gwinn Forest Management Unit  
Compartment Review Presentation  
Compartment #216    Entry Year: 2012  
Compartment Acreage: 990    County: Marquette**

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**Revision Date:** July 6, 2010

**Stand Examiner:** Tom Seablom

**Legal Description:** T48N R30 W, Sec's 4, 8, 9, 16 and 17

**Identified Planning Goals ('Management Area' or 'RMU', if applicable):** N/A

**Management Goals:** Goals for this compartment are mixed use. The primary goals are timber production and wildlife management. Timber production is primarily for fiber production with some high quality sawlog management taking place where soils allow. Both early and late successional habitat management for wildlife is currently taking place in the compartment. Late successional habitat is being promoted in the currently listed potential old growth stands.

**Soil and Topography:** Soils in this compartment fall into the Keewaydin-Michigamme Rock Outcrop Association. These soils are moderately to very deep over bedrock. On the surface they are cobbly fine sandy loams. Minor soil components within this association include Carbondale, Cathro, Net and Witbeck in the depressions and drainages and Champion, Dishnow, Peshekee and Sundog soils in the remainder of the landscape positions. These soils lend to concerns with erosion and equipment limitations because of the terrain, and windthrow hazards as well. Topography is generally very hilly to nearly level. Terrain becomes very steep in areas of the rock outcrop.

**Ownership Patterns, Development, and Land Use in and Around the Compartment:** Ownership in this compartment and immediate landscape is State, private industrial and a single large landowner (O'Dovero Properties). Some smaller non-industrial private parcels do exist. Land use is primarily timber production and recreation, ie hunting, fishing, and camps. Some preservation areas are being established as well.

**Unique, Natural Features:** None

**Archeological, Historical, and Cultural Features:** None

**Special Management Designations or Considerations:** The majority of State ownership in this vicinity is proposed Potential Old Growth. Some of these areas do fit this designation as they have not been harvested in at least 100 years. Others have been listed as this due to their inaccessibility or difficult access.

**Watershed and Fisheries Considerations:**

**Wildlife Habitat Considerations:** Located in the Peshekee Highlands. Much of this compartment lies within a proposed Biological Stewardship Area (BSA) and contains stands that are maturing to old growth conditions. It is believed that this compartment is part of an old growth wildlife corridor that runs from Craig's lakes through the McCormick Wilderness and to the Huron Mountains. This corridor is important for many wide ranging wildlife such as deer, moose, wolf, bear, fisher, marten, and neo-tropical birds. Much of this compartment has been deemed "Special Conservation Area" because of this larger landscape context and high potential for old forest characteristics.

**Mineral Resource and Development Concerns and/or Restrictions:** Sections 4, 5, 8, 9, 16 and 17, T48N-R30W, Marquette County: Surface sediments consist of thin to discontinuous glacial till over bedrock. The glacial drift thickness varies between 10 and 50 feet. The Precambrian Archean Granite/Gneiss subcrops below the glacial drift. Some of the Granite/Gneiss might be used for dimension stone. Gravel pits are located within two miles of the compartment, and potential is hard to determine. The Imperial iron mine is located three miles to the west. This compartment has never been leased. There is no economic oil and gas production in the UP.

**Vehicle Access:** Vehicle access in this area is extremely difficult. Three major roads exist in this portion of the landscape that are passable during snow free months. Most other side roads are very rough and predominantly winter roads. Other areas are road less.

**Survey Needs:** Some survey work may be needed upon approval of treatments. Existing registered corners do exist which will aid in survey work.

**Recreational Facilities and Opportunities:** No facilities currently exist nor is there any opportunity. Craig Lake State Park is to the east approximately one mile.

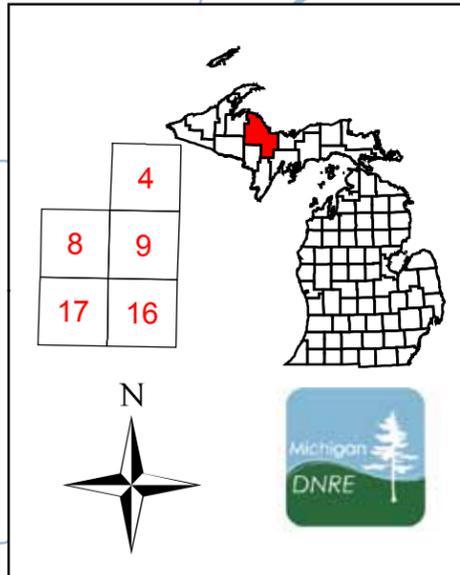
**Fire Protection:** Fires in this area are started predominantly by lightening strikes. Access to these strikes will most likely be by foot and fire suppression action taken with hand tools and portable pumps. Vegetation is not prone to large scale fires but rather creeping understory fires. Potential does exist within the spruce-fir types however for a more intense fire.

**Additional Compartment Information:** A privately owned elk enclosure is located in the geographic center of this compartment in Sec. 9.

- **The following reports from the Inventory are attached:**
  - ◆ **Total Acres by Cover Type and Age Class**
  - ◆ **Proposed Treatment Summary**
  - ◆ **Proposed Treatments – No Limiting Factors**
  - ◆ **Proposed Treatments – With Limiting Factors**
  - ◆ **Stand Details (Forested and Nonforested)**
  - ◆ **Dedicated and Proposed Special Conservation Areas**
  
- **The following information is displayed, where pertinent, on the attached compartment maps:**
  - ◆ **Base feature information, stand boundaries, cover types, and numbers**
  - ◆ **Proposed treatments**
  - ◆ **Details on the road access system**

# Cover Type & Treatment Map

Compartment 216  
 T48N, R30W, Sec. 4, 8, 9, 16, 17  
 County: Marquette  
 Unit: Gwinn  
 YOE: 2012  
 Acres: 990 GIS Calculated  
 Stand Examiner: Thomas Seablom  
 Map Revised: 8/30/2010  
 Map Phase: Pre-Review



**Legend**

- Miris Corners
- Paved Roads
- Gravel Roads
- Poor Dirt Roads
- Power
- Intermittent Stream/Drain
- Stream

**Treatments**

- Clearcut (w/Reserves, Patch/Strip)
- Seed Tree (w/Reserves)
- Selection (Group, Single Tree)

**Forest Stands**

Level 3

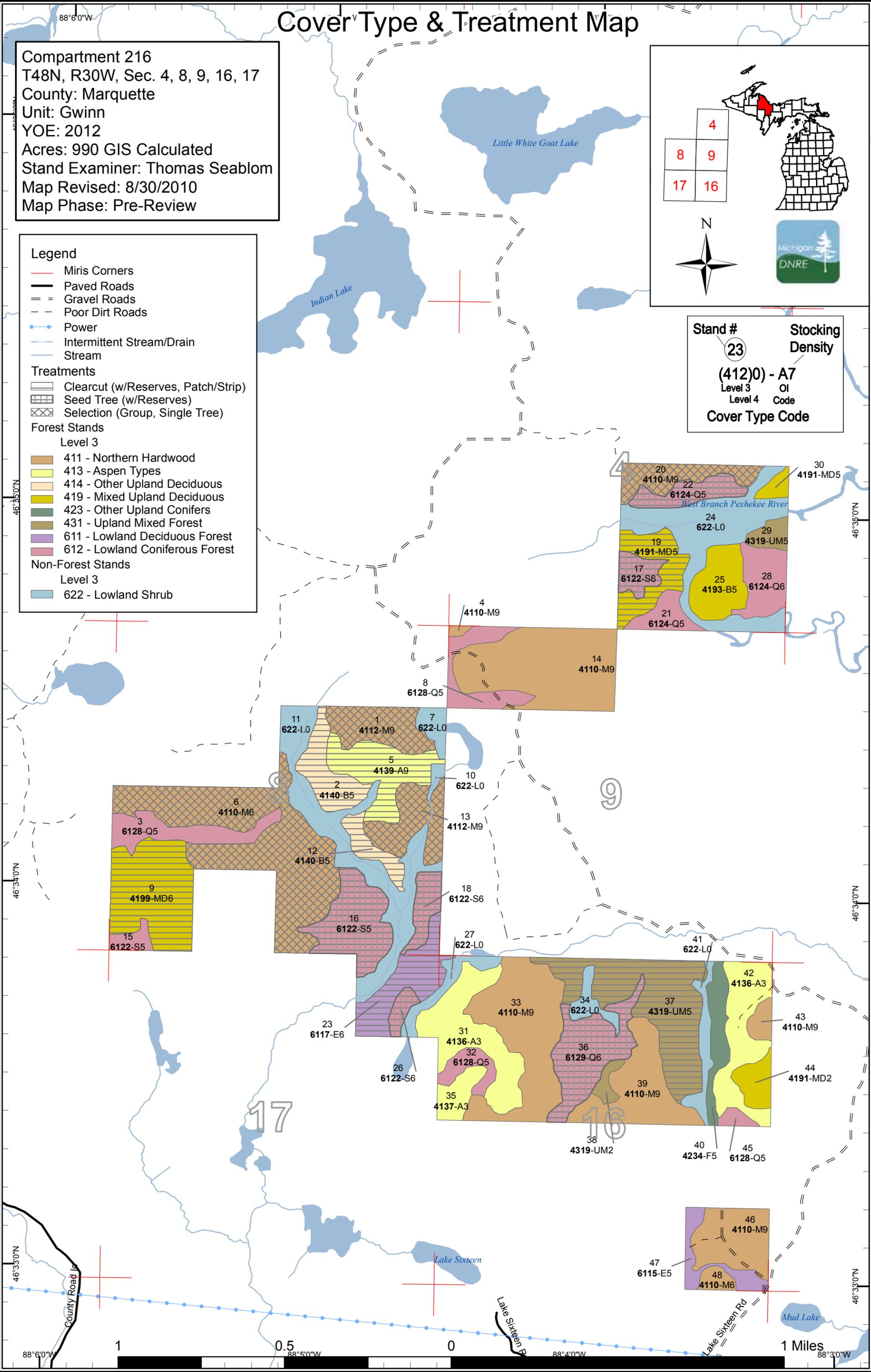
- 411 - Northern Hardwood
- 413 - Aspen Types
- 414 - Other Upland Deciduous
- 419 - Mixed Upland Deciduous
- 423 - Other Upland Conifers
- 431 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest

**Non-Forest Stands**

Level 3

- 622 - Lowland Shrub

**Stand #**  
 23  
**Stocking Density**  
 (412)0 - A7  
 Level 3 OI  
 Level 4 Code  
**Cover Type Code**



46  
 4110-M9  
 47  
 6115-E5  
 48  
 4110-M6



# Stand Boundary Map

Compartment 216  
 T48N, R30W, Sec. 4, 8, 9, 16, 17  
 County: Marquette  
 Unit: Gwinn  
 YOE: 2012  
 Acres: 990 GIS Calculated  
 Stand Examiner: Thomas Seablom  
 Map Revised: 8/30/2010  
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	4	
8		9
17		16

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## Legend

- Miris Corners
- Paved Roads
- = Gravel Roads
- - Poor Dirt Roads
- Power
- Stand Boundaries

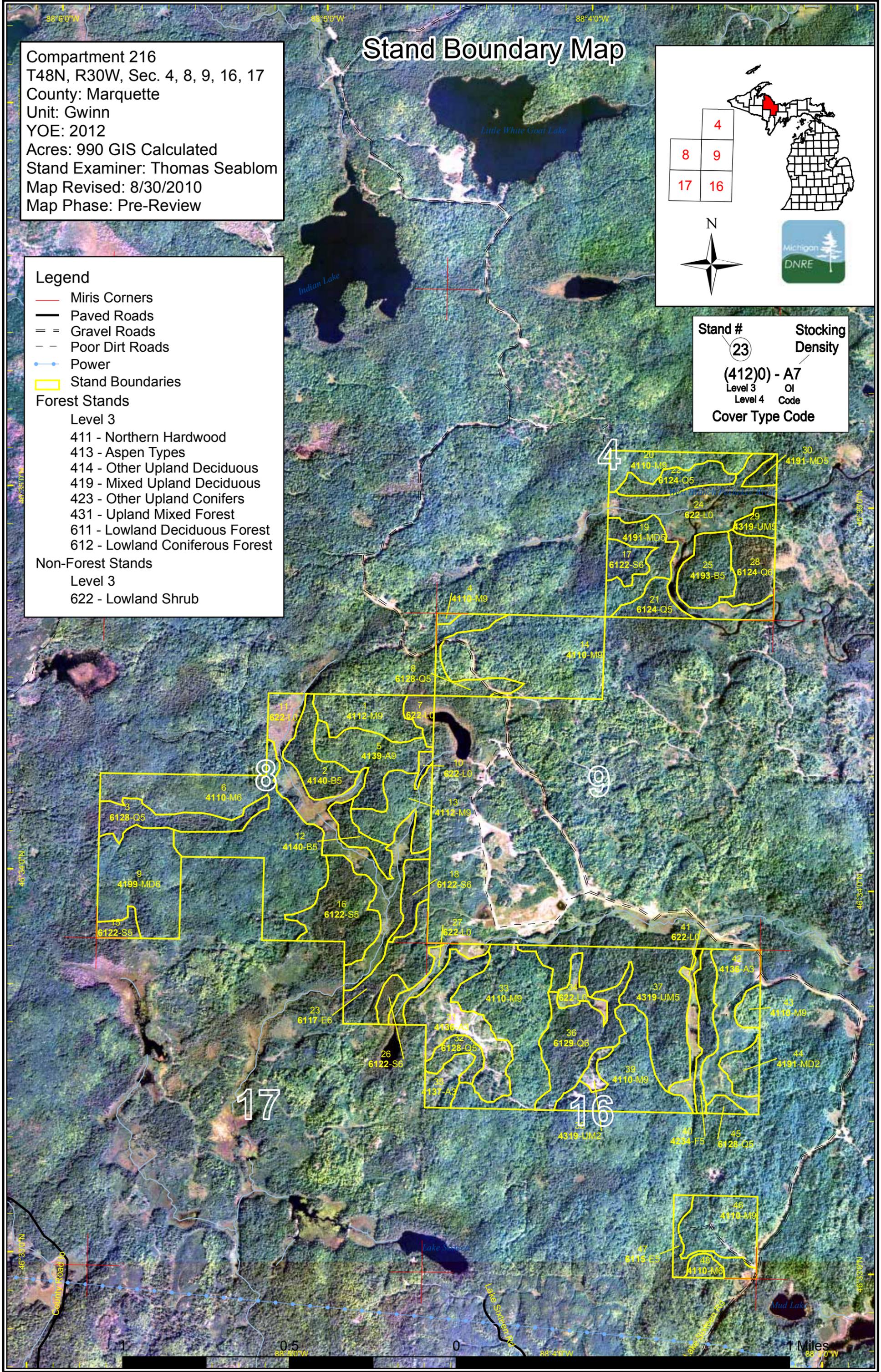
## Forest Stands

- Level 3
- 411 - Northern Hardwood
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## Non-Forest Stands

- Level 3
- 622 - Lowland Shrub

Stand #	Stocking Density
23	
(412)0 - A7	
Level 3	OI
Level 4	Code
Cover Type Code	





**Table 1 – Total Acres by Cover Type and Age Class**

Data updated before 10:00 AM



	Age Class														Total	
	Non-Forested	1-9	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	46	30	0	0	0	0	0	0	0	27	0	0	0	0	103
Lowland Conifers	0	0	0	0	0	0	0	0	0	46	71	0	0	0	0	117
Lowland Deciduous	0	0	0	0	0	0	0	0	0	24	10	0	0	0	0	34
Lowland Shrub	133	0	0	0	0	0	0	0	0	0	0	0	0	0	0	133
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	0	48	10	0	0	0	0	58
Mixed Upland Deciduous	0	0	9	0	0	0	0	0	0	0	23	0	0	0	46	77
Northern Hardwood	0	0	0	0	0	0	0	0	0	0	103	1	0	0	239	343
Paper Birch	0	0	0	0	0	0	0	0	0	27	19	0	0	0	0	46
Upland Mixed Forest	0	4	0	0	0	0	0	0	0	0	6	57	0	0	0	67
Upland Spruce/Fir	0	0	0	0	0	0	0	0	0	0	13	0	0	0	0	13
<b>Total</b>	<b>133</b>	<b>49</b>	<b>38</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>144</b>	<b>281</b>	<b>58</b>	<b>0</b>	<b>0</b>	<b>285</b>	<b>990</b>



## Table 2 – Proposed Treatment Summaries

*Data updated before 10:00 AM*

**Gwinn Mgt. Unit**  
**Year of Entry 2012**

**Compartment 216**  
**Total Compartment Acres: 989.9**

### Acres by Treatment Type

Commercial Harvest - 454	Site Prep - 0	Tree Planting - 0	Prescribed Burn - 0	Other - 0
Habitat Cut - 9	Opening Maintenance - 0	Tree Seeding - 0	Pesticide - 0	

### Cover Type by Harvest Method

		Clearcut	Selection	Seed Tree	Shelterwood	Thinning	Other - Specify	Total Acres
<b>Aspen</b>	27	0	0	0	0	0	0	27
<b>Lowland Conifers</b>	0	0	55	0	0	0	0	55
<b>Lowland Deciduous</b>	24	0	0	0	0	0	0	24
<b>Lowland Spruce/Fir</b>	0	0	53	0	0	0	0	53
<b>Mixed Upland Deciduous</b>	68	0	0	0	0	0	0	68
<b>Northern Hardwood</b>	0	152	0	0	0	0	0	152
<b>Paper Birch</b>	27	0	0	0	0	0	0	27
<b>Upland Mixed Forest</b>	57	0	0	0	0	0	0	57
<b>Total</b>	<b>203</b>	<b>152</b>	<b>108</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>463</b>



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Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
1 32216001-Cut	21.3	4112 - Maple, Beech, Cherry Association	High Density Log	90	Harvest	Group Selection	Sugar Maple Association	Cmpt. Review Proposal

Prescription Treatment=>Use group selection method and thin down to a residual basal area of 60-70 sq. ft/acre. There is aspen and white birch mixed in throughout this stand. Leave some of these trees for diversity.

Other Comments: If approved for removal from SCA-POG treat this stand as recommended. If not approved then leave as POG status in SCA designation.

Next Steps:

2 32216002-Cut	17.8	4140 - Other Upland Deciduous	Medium Density Pole	89	Harvest	Clearcut with Reserves	Birch, Aspen	Cmpt. Review Proposal
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Prescription Treatment=>Clearcut this stand leaving some birch and aspen for future downed woody debris. Leave a buffer along the edge with low area.

Other Comments: Removal from SCA-POG status is recommended. If approved treat this stand accordingly, if not leave in POG/Biodiversity status as stand is succeeding to maple-fir mix as birch and aspen are dying out.

Next Steps:

5 32216005-Cut	27.4	4139 - Aspen, Mixed Deciduous	High Density Log	90	Harvest	Clearcut with Reserves	Aspen, Mixed Deciduous	Cmpt. Review Proposal
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Prescription Treatment=>Clearcut this stand retaining any oak and white pine as well as some birch and aspen for diversity.

Other Comments: Recommended removal from SCA-POG status, if not approved leave as POG designation as maple is beginning to succeed the aspen.

Next Steps:

6 32216006-Cut	91.5	4110 - Sugar Maple Association	High Density Pole	80	Harvest	Group Selection	Sugar Maple Association	Cmpt. Review Proposal
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Prescription Treatment=>Apply group selection method in this stand. Create gaps by removing groups of trees thinning in between the groups to a residual basal area of 60-70 sq. ft/ac. Concentrate gap creation where white pine exist. Where aspen and birch pockets exist, clearcut these areas.

Other Comments: Stand currently listed as SCA-POG. Recommend removing from this status. If not approved leave with the POG designation. Stand is second growth northern hardwoods.

Next Steps:

9 32216009-Cut	45.6	4199 - Other Mixed Upland Deciduous	High Density Pole	88	Harvest	Clearcut with Reserves	Other Mixed Upland Deciduous	Cmpt. Review Proposal
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Prescription Treatment=>Clearcut this stand retaining any white pine that may be present. Retain some large-overmature aspen as well.

Other Comments: Stand is very difficult to access. May limit ability to treat this stand. Stand currently listed as SCA-POG. Remove from this status and manage. This stand is succeeding to maple-fir type through natural processes.

Next Steps:



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Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
12 32216012-Cut	8.8	4140 - Other Upland Deciduous	Medium Density Pole	84	Harvest	Clearcut with Reserves	Birch, Aspen	Cmpt. Review Proposal

Prescription: Treatment=>Clearcut this stand leaving some overmature birch and aspen for diversity. Retain any white pine.

Specs:

Other Comments: Stand is currently listed as SCA-POG. Recommend removing from this status and treating. If this is not desirable, leave as POG/Biodiversity as stand is succeeding to maple-fir.

Next Steps:

13 32216013-Cut	22.0	4112 - Maple, Beech, Cherry Association	High Density Log	90	Harvest	Group Selection	Sugar Maple Association	Cmpt. Review Proposal
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Prescription: Treatment=>Use group selection method in this stand to create gaps for regeneration. Thin between groups to a residual basal area of 60-70 sq.

Specs: ft./ac. Concentrate gaps around white pine that are present in the stand.

Other Comments: Stand currently listed as SCA-POG. Recommended to remove this designation and treat this stand. If the request is denied then leave with the POG/Biodiversity designation.

Next Steps:

16 32216016-Cut	30.6	6122 - Black Spruce	Medium Density Pole	87	Harvest	Seed Tree with Reserves	Black Spruce	Cmpt. Review Proposal
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Prescription: Treatment=> A seed tree harvest is being proposed for this stand leaving 10 seed trees per acre (black spruce, tamarack and cedar combined).

Specs: Where high ground knobs of birch/aspen exist clearcut these areas.

Other Comments: Stand currently listed as SCA-POG. Recommend removing this designation and harvesting the stand. If this is not approved, leave as POG/Biodiversity designation.

Next Steps:

17 32216017-Cut	8.5	6122 - Black Spruce	High Density Pole	88	Harvest	Seed Tree with Reserves	Black Spruce	Cmpt. Review Proposal
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Prescription: Treatment=>Seed tree harvest leaving approximately 10 seed trees per acre that are of cone bearing age.

Specs:

Other Comments: Stand currently listed as SCA-POG. Recommend removing this designation and manage. If this is not approved, leave as POG/Biodiversity designation.

Next Steps:

18 32216018-Cut	9.6	6122 - Black Spruce	High Density Pole	90	Harvest	Seed Tree with Reserves	Black Spruce	Cmpt. Review Proposal
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Prescription: Treatment=>Seed tree harvest leaving approximately 10 seed trees per acre.

Specs:

Other Comments: Stand currently listed as SCA-POG. Recommend removing this designation and treating with a harvest. Fairly easy access across private land to east.

Next Steps:



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Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
19 32216019-Cut	19.0	4191 - Mixed Upland Deciduous with Conifer	Medium Density Pole	90	Harvest	Clearcut with Reserves	Other Mixed Upland Deciduous	Cmpt. Review Proposal

Prescription: Treatment=>Clearcut this stand leaving scattered overmature white birch and aspen.

Specs:

Other Comments: Stand listed as SCA-POG. Could remove this designation and treat the stand. However, access and terrain and very difficult in here for operations. Natural processes taking place.

Next Steps:

23 32216023-Cut	23.7	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	88	Harvest	Clearcut with Reserves	Mixed Upland Deciduous with Conifer	Cmpt. Review Proposal
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Prescription: Treatment=>Clearcut this stand retaining some birch, aspen, and spruce. This can be accomplished by leaving a buffer strip along west edge along low area.

Specs:

Other Comments: Stand currently listed as POG. Old Growth process are beginning to take place as birch and aspen are dieing out and spruce-fir and maple are succeding. Recommend removing from this status and managing or listing as riparian corridor. Fairly easy access to stand from private land to the east. Can also access from south. May possibly have to be winter harvest due to access.

Next Steps:

26 32216026-Cut	4.5	6122 - Black Spruce	High Density Pole	88	Harvest	Seed Tree with Reserves	Black Spruce	Cmpt. Review Proposal
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Prescription: Treatment=>Seed tree harvest using 1/10 acre groups of spruce as a seed source. Create approx. 1 group per acre.

Specs:

Other Comments: Wet site, winter harvest.

Next Steps:

36 32216036-Cut	32.7	6129 - Mixed Coniferous Lowland Forest	High Density Pole	92	Harvest	Seed Tree with Reserves	Mixed Coniferous Lowland Forest	Cmpt. Review Proposal
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Prescription: Treatment=>Seed tree harvest using groups of seedtrees approx. 1/10 of an acre in size composed of black spruce, tamarack, and cedar.

Specs: Leave approx. one group per acre. All trees except white pine will be cut outside of these groups.

Other Comments: A winter harvest may be necessary as stand is fairly wet in some areas.

Next Steps:

**Total Treatment  
Acreage Proposed: 363.1**

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Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
20 32216020-Cut	16.7	4110 - Sugar Maple Association	High Density Log	90	Harvest	Group Selection	Sugar Maple Association	Cmpt. Review Proposal

Prescription Treatment=>Use group selection method to treat this stand. Thin between groups to a residual basal area of 60-70 sq. ft./acre. Where  
Specs: pockets/groups of aspen and birch exist clearcut these areas.

Other Stand is listed as SCA-POG, recommend removing this designation and managing the stand. Access for harvesting will be difficult but a road  
Comment: does exist immediately adjacent to northwest corner of stand. Better access is further east along property line.

Next  
Steps:

Limiting Factor and No 2E: Too steep  
Treatment Reason Terrain within stand is harvestable, however entering stand where road ends is a steep hill.

22 32216022-Cut	12.8	6124 - Lowland Spruce-Fir	Medium Density Pole	90	Harvest	Seed Tree with Reserves	Lowland Coniferous, Mixed Deciduous	Cmpt. Review Proposal
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Prescription Treatment=>Seed tree harvest leaving approximately 10 seed trees per acre (black spruce, tamarack, and cedar).  
Specs:

Other Stand is listed as SCA-POG. It is recommended to either drop this designation or change it to riparian corridor. Access to this stand is difficult  
Comment: due to surrounding terrain. Stand is also quite wet.

Next  
Steps:

Limiting Factor and No 2E: Too steep  
Treatment Reason Difficult access to this stand due to surrounding terrain.

30 32216030-Cut	3.7	4191 - Mixed Upland Deciduous with Conifer	Medium Density Pole	90	Harvest	Clearcut with Reserves	Non Pine Upland Conifer, Mixed Deciduous	Cmpt. Review Proposal - Incomplete
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Prescription Treatment=>Clearcut this stand leaving some scattered spruce and fir.  
Specs:

Other Stand listed as POG. Can either be left as POG/Biodiversity or listed as riparian corridor as it borders the W. Branch Peshekee River. Stand is  
Comment: cuttable but access is difficult due to terrain. Land to east has been harvested.

Next  
Steps:

Limiting Factor and No 2E: Too steep  
Treatment Reason Difficult access due to surrounding terrain, but possible to harvest this stand.

37 32216037-Cut	57.3	4319 - Mixed Upland Forest	Medium Density Pole	100	Harvest	Clearcut with Reserves	Mixed Upland Deciduous with Conifer	Cmpt. Review Proposal
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Prescription Treatment=>Clearcut retaining white pine and if present any cedar or hemlock.  
Specs:

Other Very rugged terrain. Not all of stand may be harvestable. If remainder of stands in compartment listed as POG are not removed then  
Comment: recommend this stand for POG as well as natural succession from birch-aspen to maple-fir is taking place.

Next  
Steps:

Limiting Factor and No 2E: Too steep  
Treatment Reason Very rugged terrain. Not all of stand is manageable.

**Total Treatment**  
**Acres Proposed: 90.5**

Data updated before 10:00 AM

Out of YOE -- Treatments  
Prescribed with No Limiting Factor

Year of Entry: 2012



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Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
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Prescription  
Specs:

Other  
Comments:

Next  
Steps:

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**Total Treatment  
Acreage Proposed: 0**



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
1	4112 - Maple, Beech, Cherry Association	High Density Log	21.3	Uneven Age	111-140	SCA=>Potential Old Growth. Stand is second growth northern hardwoods with some aspen and white birch mixed in.
2	4140 - Other Upland Deciduous	Medium Density Pole	17.8	89	51-80	SCA=>Potential old growth. White birch is dieing out, fir and sugar maple are starting to take over the understory to mid-canopy.
3	6128 - Lowland Coniferous, Mixed Deciduous	Medium Density Pole	19.4	85	81-110	SCA=>Potential old growth.
4	4110 - Sugar Maple Association	High Density Log	1.1	100	81-110	Stand harvested in 1995, permit #23-92-01.
5	4139 - Aspen, Mixed Deciduous	High Density Log	27.4	90	81-110	SCA=>Potential old growth. Aspen is beginning to die out and maple is starting to become more abundant. Understory is sugar maple with some scattered balsam.
6	4110 - Sugar Maple Association	High Density Pole	91.5	Uneven Age	81-110	SCA=>POG. Some scattered large white pine, pockets of aspen-birch (mainly on south-southwest slopes). Some areas are pole's others logs. Basal area quite varied.
8	6128 - Lowland Coniferous, Mixed Deciduous	Medium Density Pole	14.5	90	51-80	Mixed lowland stand, scattered cedar, black ash pockets.
9	4199 - Other Mixed Upland Deciduous	High Density Pole	45.6	Uneven Age	81-110	SCA=>Potential Old Growth. Stand is a mix of maple, birch and aspen, heavy balsam fir on south-southwest slopes.
12	4140 - Other Upland Deciduous	Medium Density Pole	8.8	84	51-80	SCA=>Potential Old Growth. White birch is dieing out, fir and sugar maple are beginning to take over understory and mid-canopy positions.
13	4112 - Maple, Beech, Cherry Association	High Density Log	22.0	Uneven Age	81-110	SCA=>Potential Old Growth. Second growth northern hardwood stand.
14	4110 - Sugar Maple Association	High Density Log	64.2	Uneven Age	81-110	Stand harvested between 1994-96, permit #26-92. Horse skidding was used in a major portion of the sale (Jay Bierlein & "Rocky"). Density is quite variable. Heavy sugar maple regeneration throughout stand.
15	6122 - Black Spruce	Medium Density Pole	4.8	87	51-80	Listed as POG. Remove from this status.
16	6122 - Black Spruce	Medium Density Pole	30.6	87		SCA=>Potential Old Growth. Stand does contain some upland knobs that are comprised of white birch, aspen and red maple. Providing some corridor benefits.
17	6122 - Black Spruce	High Density Pole	8.5	88	81-110	SCA=>Potential Old Growth. Old, mature spruce that appears to be healthy.
18	6122 - Black Spruce	High Density Pole	9.6	90		SCA=>Potential Old Growth. Stand is predominantly lowland black spruce with some upland occuring on elevational changes.



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
19	4191 - Mixed Upland Deciduous with Conifer	Medium Density Pole	19.0	90	51-80	SCA=>Potential Old Growth. Rugged terrain, stand mix of maple, birch, spruce-fir.
20	4110 - Sugar Maple Association	High Density Log	16.7	90	81-110	SCA=>Potential Old Growth. Second growth northern hardwoods.
21	6124 - Lowland Spruce-Fir	Medium Density Pole	9.3	88	51-80	SCA=>Potential Old Growth. Lowland spruce-fir along the Peshekee River.
22	6124 - Lowland Spruce-Fir	Medium Density Pole	12.8	90		Stand listed as POG. Change status to riparian corridor as it borders a lowland area. Stand is a mix of upland and lowland. Decided to list as a lowland stand since the majority of it is of that type.
23	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	23.7	88		SCA=>Potential Old Growth. Stand is listed as POG, this designation can stay as natural processes are taking place in this stand as it is converting to fir and maple, or remove and manage.
25	4193 - Birch, Aspen	Medium Density Pole	19.5	90		SCA=>Potential Old Growth.
26	6122 - Black Spruce	High Density Pole	4.5	88	111-140	SCA=>Potential Old Growth.
28	6124 - Lowland Spruce-Fir	High Density Pole	16.8	88		SCA=>Potential Old Growth.
29	4319 - Mixed Upland Forest	Medium Density Pole	5.8	90		SCA=>Potential Old Growth.
30	4191 - Mixed Upland Deciduous with Conifer	Medium Density Pole	3.7	90		SCA=>Potential Old Growth.
31	4136 - Aspen, Mixed Conifer	High Density Sapling	36.7	8		Stand was harvested in 2002, TS#32-127-02-01. Spruce-fir seed trees left at 3-6 per acre for wildlife. Stand is regenerating to a mix of aspen, white birch, fir, tamarack and red maple. Tamarack is along west edge where it borders the low area.
32	6128 - Lowland Coniferous, Mixed Deciduous	Medium Density Pole	8.0	90		Stand is a mix of cedar, yellow birch, balsam fir, red maple and some black spruce. The stand is a horsehoe shape as it lies at the bottom of two hills.
33	4110 - Sugar Maple Association	High Density Log	56.2	90	81-110	Harvested in 2002, T-sale #32-127-02-01.
35	4137 - Aspen, Birch	High Density Sapling	8.9	8		Stand harvested in 2002, timbersale #32-125-02-01.
36	6129 - Mixed Coniferous Lowland Forest	High Density Pole	32.7	92	111-140	Seed tree harvest, cutting some of the cedar where the density is low. Put in group seed tree retention pockets and cut everything, except the white pine, outside of the pockets.

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Gwinn Mgt. Unit

## 5 – Forested Stands

Compartment: 216

Data updated before 10:00 AM

Year of Entry: 2012



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
37	4319 - Mixed Upland Forest	Medium Density Pole	57.3	100	51-80	Tough access to this stand but cuttable. White birch and aspen are dieing out, fir and maple are well established in the understory and are beginning to fill in where gaps are being created.
38	4319 - Mixed Upland Forest	Medium Density	3.8	8		Stand harvested in 2002, t-sale #32-127-02-01. Seed trees were left within this stand. Regeneration is taking place but is spotty.
39	4110 - Sugar Maple Association	High Density Log	35.2	Uneven Age	81-110	Stand harvested in 2002, t-sale #32-127-02-01.
40	42340 - Upland Spruce/Fir	Medium Density Pole	12.8	90		Narrow stand left as buffer along adjacent low area and creek.
42	4136 - Aspen, Mixed Conifer	High Density Sapling	29.5	15		Stand cut summer 1995, permit #23-92 by Holli Forest Products. Oak was left. Current diameters are all around 1-1.5-inches.
43	4110 - Sugar Maple Association	High Density Log	4.7	Uneven Age	51-80	Harvested fall of 1995, permit #23-92 by Holli Forest Products. Stand is almost all sugar maple, very few other species present. Canopy closure is right around 75%.
44	4191 - Mixed Upland Deciduous with Conifer	Medium Density	8.9	15		Stand cut summer of 1995 by Holli Forest Products, permit #23-92. White pine and white birch seed trees were left.
45	6128 - Lowland Coniferous, Mixed Deciduous	Medium Density Pole	2.9	90		
46	4110 - Sugar Maple Association	High Density Log	25.5	90	51-80	Stand cut fall of 1995 by Holli Forest Products, permit #23-92. Stand does have some sugar maple dieback.
47	6115 - Lowland Ash	Medium Density Pole	9.9	90	51-80	Mixed lowland hardwood stand, small portion of upland included in the extreme northwest portion of this stand. A few scattered cedar in this stand as well.
48	4110 - Sugar Maple Association	High Density Pole	4.2	90	81-110	Small stand on a steep hill side.



Stand	Cover Type	Acres	Gen Cmts:
7	6220 - Alder/willow	6.0	Area has been flooded in past.
10	622 - Lowland Shrub	1.9	
11	622 - Lowland Shrub	52.0	
24	622 - Lowland Shrub	48.8	
27	622 - Lowland Shrub	9.1	
34	6220 - Alder/willow	6.3	
41	622 - Lowland Shrub	9.4	



## 7 – 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.

*Data updated before 10:00 AM*

Stand	SCA Type	SCA Name	Acres	Comments
1	SCA Removal	32216001	21.3	Remove POG designation.
2	SCA Removal	32216002	17.8	Remove POG designation and either manage or label as riparian corridor.
3	SCA Removal	32216003	19.4	Remove POG designation. This is a stand that is not exhibiting any special conservation values.
5	SCA Removal	32216005	27.4	
6	SCA Removal	32216006	91.5	
9	SCA Removal	32216009	45.6	
12	SCA Removal	32216012	8.8	
13	SCA Removal	32216013	22.0	
15	SCA Removal	32216015	4.8	Remove POG designation. This is a stand that currently is not exhibiting any special conservation values.
16	SCA Removal	32216016	30.6	
17	SCA Removal	32216017	8.5	
18	SCA Removal	32216018	9.6	Drop SCA or change to riparian corridor.
19	SCA Removal	32216019	19.0	Drop SCA
20	SCA Removal	32216020	16.7	Drop from SCA and prescribe treatment.
21	SCA Removal	32216021	9.3	Remove POG and either prescribe or change to riparian corridor.



## 7 – 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.

*Data updated before 10:00 AM*

Stand	SCA Type	SCA Name	Acres	Comments
22	SCA Removal	32216022	12.8	Remove POG designation and change to riparian corridor.
23	SCA Removal	32216023	23.7	Remove POG designation, treat this stand or change SCA to riparian corridor as it borders a small creek.
25	Unique Site - SCA	32216025	19.5	Stand listed as POG and access is very difficult. Due to the nature of the access to this stand it would be more beneficial to allow natural succession to take place here rather than manage the stand.
26	SCA Removal	32216026	4.5	Remove POG designation, prescribe for treatment.
28	Unique Site - SCA	32216028	16.8	Stand listed as POG and difficult access, winter only. Due to the difficult access to this stand it would be more beneficial to allow natural succession to take place.
29	Unique Site - SCA	32216029	5.8	Stand listed as POG, difficult logging access, winter only. This stand is very difficult to get to. Leaving it as potential old growth will allow natural process to take place adding to the diversity of the surrounding area.
30	SCA Removal	32216030	3.7	Remove stand from SCA/POG, prescribe treatment. Or, change status to riparian corridor as it borders the W. Branch Peshekee River.
7	SCA Removal	NF_32216007	6.0	This stand should be removed from POG status. It is a low area that has been flooded in the past and is dead standing snags exhibiting no characteristics of old growth and has no conservation values.
10	SCA Removal	NF_32216010	1.9	This stand should be removed from POG status. The stand is a mix of tag alder and marsh grass and exhibits no characteristics of old growth and has no conservation values.
11	SCA Removal	NF_32216011	52.0	This stand should be removed from POG status. It is a stand of tag alder and marsh grass.
24	SCA Removal	NF_32216024	48.8	This stand should be removed from POG status. It is a stand of tag alder and marsh grass. The W. Branch Peshekee River flows through this stand as well.
27	SCA Removal	NF_32216027	9.1	This stand should be removed from POG status. It is a stand of tag alder and marsh grass.

**7 – 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.

*Data updated before 10:00 AM*

<b>Stand</b>	<b>SCA Type</b>	<b>SCA Name</b>	<b>Acres</b>	<b>Comments</b>
34	SCA Removal	NF_32216034	6.3	This stand should be removed from POG status. The stand is a low area that consists of tag alder and marsh grass. A small creek does flow through it, draining to the north.
41	SCA Removal	NF_32216041	9.4	This stand should be removed from POG status. It is a stand of tag alder and marsh grass.



### 8 – 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.

*Data updated before 10:00 AM*

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

<b>Conservation Area</b>	<b>Type</b>	<b>Description</b>
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