



**Gwinn Forest Management Unit
Compartment Review Presentation
Compartment 89 Entry Year: 2013
Compartment Acreage: 1, 529 County: Marquette**

Revision Date: 08/18/2011

Stand Examiner: Kevin LaBumbard

Legal Description: T42N R26W Sec(s) 11,12,14,15,22,23,36

RMU (if applicable): North Menominee Moraines Management Area

Management Goals: To improve the quality and diversity of State forests and wildlife through proper habitat management, while protecting the riparian values of our wetlands and waters.

Soil and Topography: Topograph is level to sloping. Soils are mostly well drained loams and associated organic soils with a small amount of well drained loams and excessively drained sands. Major soil associations include Onaway, Carbondale, Tacoosh, and Angelica with some Trenary, Kalkaska, Munising and Keweenaw.

Ownership Patterns, Development, and Land Use in and Around the Compartment: State ownership is fragmented in this compartment with much of the adjacent land in corporate ownership. Scattered private holdings also abut state land in several locations.

Unique, Natural Features: Potential for osprey, eagle, and great blue heron rookery. Potential for red-shouldered hawk. Potential for moose and wolf. Potential for wood turtle all along Ford River. Potential for rapids cluption and splendid clubtail (dragonflies) along Ford River. Potential for round-leaved orchis, calypso, ram's head lady's slipper, marsh grass-of-Parnassass, and limestone oak fern in Cedar Swamps. Potential for purple clematis in dry-mesic conifer stands. Potential for Assiniboia sedge and goblin moonwort in mature northern hardwoods.

Archeological, Historical, and Cultural Features: No areas of concern.

Special Management Designations or Considerations:

Watershed and Fisheries Considerations: The Ford River and tributaries.

Wildlife Habitat Considerations: This entire compartment is an important deer wintering complex which attracts deer from up to 30 miles or more away. Identify and implement strategies that increase mesic conifer such as cedar, hemlock, spruce, and white pine, especially along the wildlife corridors associated with the Ford River. In Special Conservation Areas, maintain closed canopy conifer to provide snow intercept, cover, browse, and mature forest structure and protection for wildlife corridors. Diversity in habitat types offers a variety of hunting and wildlife viewing opportunities.

Mineral Resource and Development Concerns and/or Restrictions: Surface sediments consist of medium-textured glacial till. The glacial drift varies between 10 and 50 feet. The Ordovician Prairie du Chien Group and Cambrian Trempealeau Formation subcrop below the glacial drift. These formations could be used for stone. Gravel pits are located in the compartment, and potential appears to be good. Abandoned

iron mines are located ten miles to the west, and Sections 11 and 17 were previously leased. There is no economic oil and gas production in the UP.

Vehicle Access: Very good from the Ford River Road and numerous two-tracks except for section 36 which is blocked by gated private land.

Survey Needs: None at this time.

Recreational Facilities and Opportunities: Demand for deer, grouse, and woodcock hunting is very high. Also, there is some fair fishing in the Ford River.

Fire Protection: Low to moderate wildfire potential.

Additional Compartment Information:

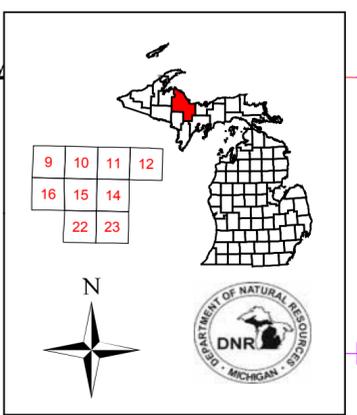
- **The following 5 reports from the Operations Inventory System (OIPC) are attached:**
 - ◆ **Cover Type by Age Class**
 - ◆ **Cover Type by Management Objective**
 - ◆ **Compartment Volume Summary**
 - ◆ **Proposed Treatments – No Limiting Factors**
 - ◆ **Proposed Treatments – With Limiting Factors**

- **The following information is displayed, where pertinent, on the attached compartment maps:**
 - ◆ **Base feature information, stand numbers, cover types**
 - ◆ **Proposed treatments**
 - ◆ **Proposed road access system**
 - ◆ **Suggested potential old growth**

Cover Type & Treatment Map

Compartment 89
 T42N, R26W, Sec. 09-12, 14-16, 22, 23, 36
 County: Marquette
 Unit: Gwinn
 YOY: 2013
 Acres: 1,529 GIS Calculated
 Stand Examiner: Kevin LaBumbard
 Map Revised: 8/23/2011
 Map Phase: Pre-Review

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



Legend

- Miris Corners
- Remunented Section Corners
- Paved Roads
- Poor Dirt Roads
- County Poor Dirt Roads
- Trail (Non-Recreation)
- Snowmobile Trail
- Snowmobile Trails
- Intermittent Stream/Drain
- Stream
- Lakes and Rivers

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
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 431 - Upland Mixed Forest
- 612 - Lowland Coniferous Forest

Non-Forest Stands

Level 3

- 310 - Herbaceous Openland
- 500 - Water
- 622 - Lowland Shrub

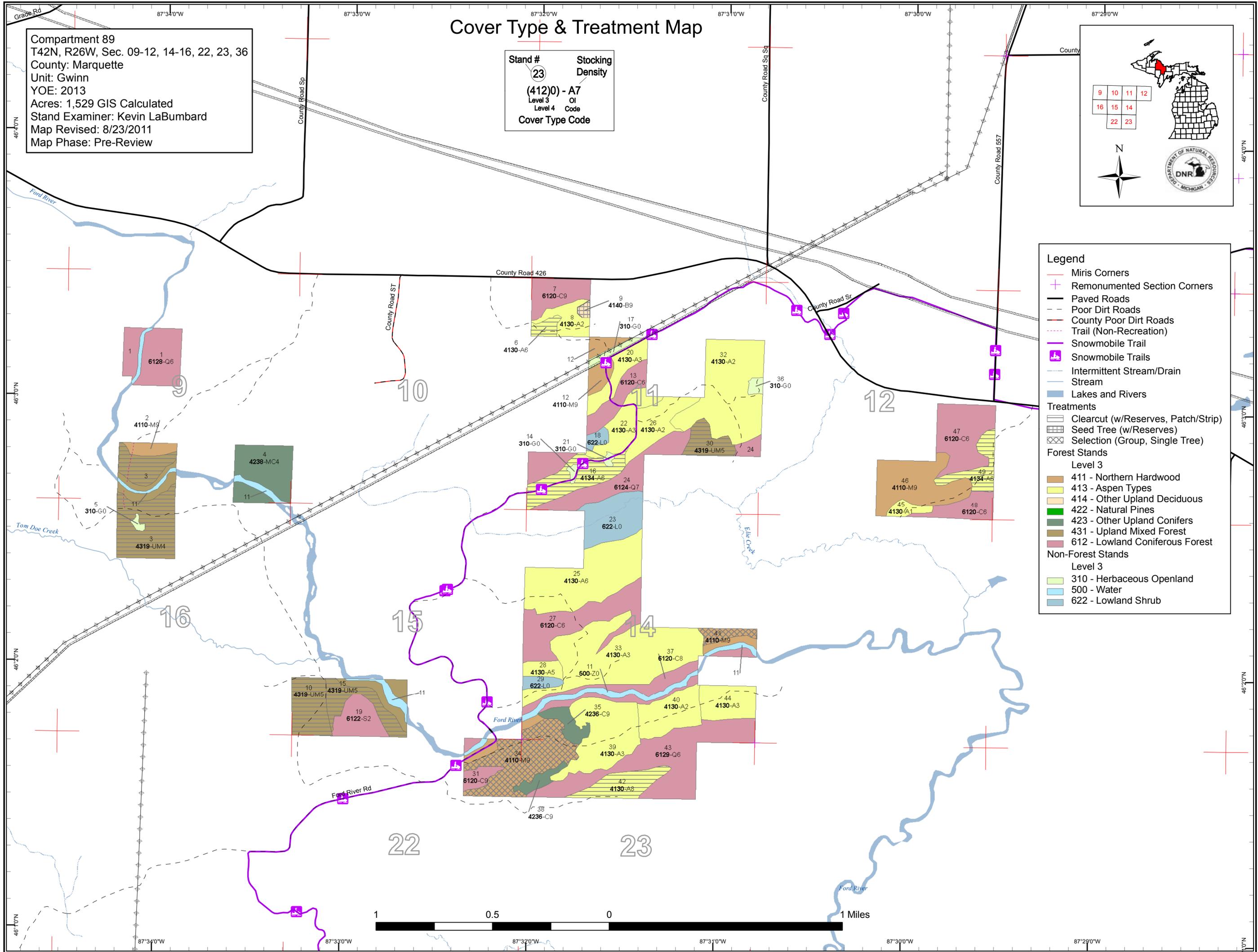


Table 1 – Total Acres by Cover Type and Age Class

Gwinn Mgt. Unit

Compartment 089 Year of Entry 2013

Kevin LaBumbard : Examiner



	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 +		Unretn Age
Aspen	0	70	109	166	102	20	0	0	0	20	0	0	0	0	0	488
Cedar	0	0	0	0	0	0	0	0	0	0	0	129	47	192	0	367
Hemlock	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	6
Herbaceous Openland	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13
Lowland Conifers	0	0	0	0	0	0	0	0	0	0	74	38	36	0	0	147
Lowland Shrub	54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	54
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	44	0	19	0	0	0	0	63
Northern Hardwood	0	0	0	0	0	0	0	0	0	38	135	0	0	0	0	172
Paper Birch	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
Upland Conifers	0	0	0	0	0	36	0	0	0	0	0	0	0	0	0	36
Upland Mixed Forest	0	0	0	0	0	68	0	0	14	55	0	0	0	0	0	137
Water	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30
White Pine	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0	12
Total	96	70	109	179	102	125	0	0	64	113	230	166	82	192	0	1529



Table 2 – Proposed Treatment Summaries

Gwinn Mgt. Unit
Year of Entry 2013

Compartment 089
Total Compartment Acres: 1529

Acres by Treatment Type

Commercial Harvest - 246	Site Prep - 0	Tree Planting - 0	Prescribed Burn - 0	Other - 0
Habitat Cut - 0	Opening Maintenance - 0	Tree Seeding - 0	Pesticide - 0	

Cover Type by Harvest Method

	Clearcut	Selection	Seed Tree	Shelterwood	Thinning	Other - Specify	Total Acres
Aspen	69	0	0	0	0	0	69
Northern Hardwood	0	60	0	0	0	0	60
Paper Birch	0	0	2	0	0	0	2
Upland Mixed Forest	115	0	0	0	0	0	115
Total	184	60	2	0	0	0	246



Stand	Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
3	32089003-Cut	57.9	4319 - Mixed Upland Forest	Low Density Pole	44	Harvest	Clearcut	4130 - Aspen	Cmpt. Review Proposal
<u>Prescription:</u> Cut all aspen, fir, white spruce, paper birch. <u>Specs:</u> <u>Other Comments:</u> Aspen is short, poor quality, and the stand is breaking up. Good mix of fir and white spruce. Drops to lowland in the southwest. Same stand across the river. Contains a small natural opening. <u>Next Steps:</u> Monitor regen per Work Instructions.									
6	32089006-Cut	5.2	4130 - Aspen	High Density Pole	45	Harvest	Clearcut	4130 - Aspen	Cmpt. Review Proposal
<u>Prescription:</u> Cut all aspen and fir in conjunction with stand 9. <u>Specs:</u> <u>Other Comments:</u> 4 stick aspen poletimber with scattered balsam fir. Approximately 120 ba of aspen. <u>Next Steps:</u> Monitor regen per Work Instructions.									
9	32089009-Cut	1.9	4140 - Other Upland Deciduous	High Density Log	90	Harvest	Seed Tree	4193 - Birch, Aspen	Cmpt. Review Proposal
<u>Prescription:</u> Seed tree harvest the stand in conjunction with stand 6. Cut all aspen and most of the birch leaving 20-30 ba of healthy birch. <u>Specs:</u> <u>Other Comments:</u> Overmature birch stand with scattered aspen. Approximately 80 ba of white birch and 10 ba aspen. Small stand but should harvest with stand 70. <u>Next Steps:</u> Monitor regen per Work Instructions. Aspen would be an acceptable alternative for regeneration.									
10	32089010-Cut	24.7	4319 - Mixed Upland Forest	Medium Density Pole	81	Harvest	Clearcut	4130 - Aspen	Cmpt. Review Proposal
<u>Prescription:</u> Cut all fir, birch, and aspen. <u>Specs:</u> <u>Other Comments:</u> Old "KG" site with strips cut into an older aspen stand in 1980. The strips have regenerated to young aspen poles and saplings with the parent stand consisting of overmature aspen, fir, and white birch. Some of the younger aspen strips are only at 25-50 <u>Next Steps:</u> Monitor regen per Work Instructions.									
15	32089015-Cut	18.7	4319 - Mixed Upland Forest	Medium Density Pole	81	Harvest	Clearcut with Reserves	4130 - Aspen	Cmpt. Review Proposal
<u>Prescription:</u> Cut all aspen, fir, and birch. Retain a 100' buffer along the west side of the river and leave that portion of the stand east of the river for retention. <u>Specs:</u> <u>Other Comments:</u> Former SCA, recommend removing part of stand for treatment. Similar to the older sections of stand 10, balsam fir with aspen and white birch. Ready to harvest. <u>Next Steps:</u> Monitor regen per Work Instructions.									
16	32089016-Cut	28.4	4134 - Aspen, Spruce/Fir	High Density Pole	39	Harvest	Clearcut	4130 - Aspen	Cmpt. Review Proposal
<u>Prescription:</u> Final harvest of all species. <u>Specs:</u> <u>Other Comments:</u> 39 year old aspen stand with smaller white birch and about a third of it balsam fir. Scattered upland cedar. Losing some of the stand to blowdown. <u>Next Steps:</u> Monitor regen per Work Instructions.									



S t a n d	Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
30	32089030-Cut	13.9	4319 - Mixed Upland Forest	Medium Density Pole	71	Harvest	Clearcut	4134 - Aspen, Spruce/Fir	Cmpt. Review Proposal
<u>Prescription:</u> Cut all aspen, black spruce, fir.									
<u>Specs:</u>									
<u>Other</u> A small knoll of mature aspen and fir dropping to lowland conifers to the east and west. Lots of blowdown along the southern edge.									
<u>Comments:</u>									
<u>Next</u> Monitor regeneration per Work Instructions. Aspen and black spruce are acceptable regen species.									
<u>Steps:</u>									
34	32089034-Cut	52.7	4110 - Sugar Maple Association	High Density Log	99	Harvest	Single Tree Selection	4110 - Sugar Maple Association	Cmpt. Review Proposal
<u>Prescription:</u> This stand will be scheduled for a selection harvest to improve overall stem quality yet retain species diversity, conifer content, and wildlife									
<u>Specs:</u> attributes.									
<u>Other</u> High quality northern hardwoods (sugar maple, basswood) with a hemlock inclusion and scattered upland cedar. No regeneration whatsoever.									
<u>Comments:</u> Very light stocking of browsed ironwood.									
<u>Next</u> Monitor for regeneration per Work Instructions.									
<u>Steps:</u>									
41	32089041-Cut	7.1	4110 - Sugar Maple Association	High Density Log	95	Harvest	Single Tree Selection	4110 - Sugar Maple Association	Cmpt. Review Proposal
<u>Prescription:</u> This stand will be scheduled for a selection harvest to improve overall stem quality yet retain species diversity, conifer content, and wildlife									
<u>Specs:</u> attributes.									
<u>Other</u> Fair quality northern hardwoods with a few yellow and white birch sawtimber trees along the edge. Occasional upland cedar, hemlock and 1									
<u>Comments:</u> supercanopy white spruce. Ironwood seedlings are being browsed. Scattered leatherwood.									
<u>Next</u> Monitor for regeneration per Work Instructions.									
<u>Steps:</u>									
42	32089042-Cut	20.2	4130 - Aspen	Medium Density Log	89	Harvest	Clearcut with Reserves	4130 - Aspen	Cmpt. Review Proposal
<u>Prescription:</u> Cut the aspen retaining the cedar.									
<u>Specs:</u>									
<u>Other</u> Large overmature aspen with upland cedar. The stand has declined significantly with a large part of the aspen component dead and down.									
<u>Comments:</u> There is a lite stocking of 10-20' sugar maple saplings in the understory, and medium stocking of ironwood. Current a									
<u>Next</u> Monitor regeneration per Work Instructions.									
<u>Steps:</u>									
49	32089049-Cut	15.3	4134 - Aspen, Spruce/Fir	High Density Pole	42	Harvest	Clearcut with Reserves	4134 - Aspen, Spruce/Fir	Cmpt. Review Proposal
<u>Prescription:</u> Cut the aspen, fir, and red maple retaining the cedar and birch component.									
<u>Specs:</u>									
<u>Other</u> Aspen poles with balsam fir, white birch, red maple and occasional upland cedar. Final harvest with reserves, leaving the cedar.									
<u>Comments:</u>									
<u>Next</u> Monitor regen per Work Instructions.									
<u>Steps:</u>									

**Total Treatment
Acreage Proposed: 246.1**

Table 4 -- Treatments Prescribed with a Limiting Factor



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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 Comment:

Next Steps:

Limiting Factor and No Treatment Reason

Total Treatment Acreage Proposed: 0

Out of YOE -- Treatments
Prescribed with No Limiting Factor

Year of Entry: 2013



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:

**Total Treatment
Acreage Proposed: 0**



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
1	6128 - Lowland Coniferous, Mixed Deciduous	High Density Pole	35.7	113		Swamp conifer stand, formerly nominated for potential old growth. Deer yard. Borders the Ford River.
2	4110 - Sugar Maple Association	High Density Log	7.1	99		High quality sugar maple stand with basswood, scattered hemlock and an upland cedar clump.
3	4319 - Mixed Upland Forest	Low Density Pole	68.3	44		Aspen is short, poor quality, and the stand is breaking up. Good mix of fir and white spruce. Drops to lowland in the southwest. Same stand across the river. Contains a small natural opening.
4	42380 - Non Pine Upland Conifer, Mixed Deciduous	Low Density Pole	35.8	40	1-50	Variable stand, ranges from upland to lowland with cedar throughout although heavier along the river. More white spruce understory as you move east. Heavy deer use. Avg. ba only 20. Borders the Ford River.
6	4130 - Aspen	High Density Pole	5.2	45	111-140	4 stick aspen poletimber with scattered balsam fir. Approximately 120 ba of aspen.
7	6120 - Lowland Cedar	High Density Log	19.7	135		Nice cedar stand with black spruce and few tamarack with a fringe of tag alder and balm along the south edge.
8	4130 - Aspen	Medium Density	13.6	6		Cut by St. John in 2004, the stand has fully regenerated to 1" aspen.
9	4140 - Other Upland Deciduous	High Density Log	1.9	90		Overmature birch stand with scattered aspen. Approximately 80 ba of white birch and 10 ba aspen. Small stand but should harvest with stand 70.
10	4319 - Mixed Upland Forest	Medium Density Pole	24.7	81		Old "KG" site with strips cut into an older aspen stand in 1980. The strips have regenerated to young aspen poles and saplings with the parent stand consisting of overmature aspen, fir, and white birch. Some of the younger aspen strips are only at 25-50% stocking level.
12	4110 - Sugar Maple Association	High Density Log	13.2	99	81-110	Sugar maple and basswood stand last cut in 1989. Stand has a fair amount of top dieback. No regeneration from the previous cutting.
13	6120 - Lowland Cedar	High Density Pole	28.5	108		C6C3. Scattered fir, tamarack, and tag alder. Deer yard
15	4319 - Mixed Upland Forest	Medium Density Pole	30.4	81		Similar to the older sections of stand 12, balsam fir with aspen and white birch. Ready to harvest.
16	4134 - Aspen, Spruce/Fir	High Density Pole	28.4	39		39 year old aspen stand with smaller white birch and about a third of it balsam fir. Scattered upland cedar. Losing some of the stand to blowdown.
19	6122 - Black Spruce	Medium Density	19.3	97		



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
20	4130 - Aspen	High Density Sapling	15.7	19		20'-30' aspen saplings over scattered white spruce.
22	4130 - Aspen	High Density Sapling	21.7	19		1-3" aspen saplings with a trace of white spruce in the understory.
24	6124 - Lowland Spruce-Fir	Low Density Log	37.8	100		Mixed lowland conifer stand with a fair amount of tamarack. Full coverage of tag alder in the understory.
25	4130 - Aspen	High Density Pole	66.6	30		A5A3 fully stocked aspen transitioning to a pole stand.
26	4130 - Aspen	Medium Density	23.3	6		Fully regenerated aspen stand. Cut in 2004 by St. John.
27	6120 - Lowland Cedar	High Density Pole	46.7	113		Cedar with swamp conifers and occasional red maple. Formerly nominated for SCA deer yard.
28	4130 - Aspen	Medium Density Pole	7.2	30		A5S4A3 Aspen poles with white spruce. Transitioning to a fully stocked pole stand.
30	4319 - Mixed Upland Forest	Medium Density Pole	13.9	71		A small knoll of mature aspen and fir dropping to lowland conifers to the east and west. Lots of blowdown along the southern edge.
31	6120 - Lowland Cedar	High Density Log	7.0	120		Large diameter cedar stand with a few scattered large yellow birch. Deer yard.
32	4130 - Aspen	Medium Density	71.9	19		2-4" 30-40' tall aspen over a trace of white spruce and hazel. About 50% stocking level. The remainder of the stand failed to regenerate.
33	4130 - Aspen	High Density Sapling	94.4	20		Aspen saplings over scattered white spruce.
34	4110 - Sugar Maple Association	High Density Log	59.3	99	111-140	High quality northern hardwoods (sugar maple, basswood) with a hemlock inclusion and scattered upland cedar. No regeneration whatsoever. Very light stocking of browsed ironwood.
35	42360 - Upland Cedar	High Density Log	9.6	108		Upland stand consisting of large cedar, hemlock, yellow birch and soft maple. Deer yard.
37	6120 - Lowland Cedar	Medium Density Log	30.1	106		Narrow strip of large cedar along the Ford River.
38	42360 - Upland Cedar	High Density Log	6.3	108		Upland stand consisting of large cedar, hemlock, yellow birch and soft maple. Deer yard.
39	4130 - Aspen	High Density Sapling	49.7	22		Essentially pure aspen sapling stand transitioning to A6.



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
40	4130 - Aspen	Medium Density	27.3	5		Young aspen with occasional fir along the road edge.
41	4110 - Sugar Maple Association	High Density Log	11.7	95	111-140	Fair quality northern hardwoods with a few yellow and white birch sawtimber trees along the edge. Occasional upland cedar, hemlock and 1 supercanopy white spruce. Ironwood seedlings are being browsed. Scattered leatherwood.
42	4130 - Aspen	Medium Density Log	20.2	89		Large overmature aspen with upland cedar. The stand has declined significantly with a large part of the aspen component dead and down. There is a lite stocking of 10-20' sugar maple saplings in the understory, and medium stocking of ironwood. Current aspen ba is 30-40, 4-5 stick, with about 5 ba of upland cedar.
43	6129 - Mixed Coniferous Lowland Forest	High Density Pole	73.8	97		Mixed swamp conifer stand. More of a pure black spruce stand to the east and sw, with mixed swamp conifers in the middle. Deer yard.
44	4130 - Aspen	High Density Sapling	22.4	20		Dense 2-4" aspen saplings cut in 1990. Essentially pure aspen.
45	4130 - Aspen	Low Density Sapling	5.7	6		Former aspen, white birch stand. Only the aspen regenerated, and only in the center of the stand. The west and south perimeter are being heavily browsed.
46	4110 - Sugar Maple Association	High Density Log	43.6	99		Cut in 2006, Fox Snake Sale. A few white birch in the west end. No understory except raspberry. Occasional hemlock, white spruce.
47	6120 - Lowland Cedar	High Density Pole	38.0	108		Dense cedar with small white birch.
48	6120 - Lowland Cedar	High Density Pole	16.0	108		Narrow cedar stand.
49	4134 - Aspen, Spruce/Fir	High Density Pole	15.3	42		
50	6122 - Black Spruce	Medium Density Pole	44.0	76		Medium stocked black spruce swamp with large areas of cedar. Red maple along the fringed.
51	42200 - Natural White Pine	High Density Sapling	12.2	29		Non commercial cutting the winter of 1981, the stand is now well stocked white pine and aspen saplings with red pine and black spruce.
52	4110 - Sugar Maple Association	High Density Log	37.6	85	81-110	Almost a pure sugar maple stand, cut in 2008 by Sanville under contract #017-03-01.
53	42350 - Upland Hemlock	High Density Log	6.2	74		Narrow ridge of Hemlock, aspen, yellow birch, with the occasional balsam fir, upland cedar, red maple and white pine sawtimber.

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Gwinn Mgt. Unit

5 – Forested Stands

Compartment: 089
Year of Entry: 2013



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
54	6120 - Lowland Cedar	High Density Log	129.1	131		Large old cedar, good quality with scattered large white pine. Former old growth nomination.
56	6120 - Lowland Cedar	Medium Density Log	35.9	131		Swamp conifers with associated hardwoods. Deer yard.



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
5	310 - Herbaceous Openland	1.4	No	Unspecified	Natural opening slowly filling in with spruce, upland brush, mostly cherry.
11	50 - Water	30.1	N/A	Unspecified	Ford River
14	310 - Herbaceous Openland	2.0	No	Unspecified	
17	310 - Herbaceous Openland	5.2	No	Unspecified	Powerline R.O.W.
18	622 - Lowland Shrub	4.1	No	Unspecified	
21	310 - Herbaceous Openland	1.3	N/A	Unspecified	
23	6220 - Alder/willow	30.8	No	Unspecified	
29	622 - Lowland Shrub	5.3	N/A	Unspecified	
36	310 - Herbaceous Openland	2.8	No	Unspecified	
55	6220 - Alder/willow	9.9	No	Unspecified	Cedar strip cuts from 1980, the stand has regenerated to dense tag alder 5-15' tall with an occasional 2" white birch sapling and short balsam fir.
57	622 - Lowland Shrub	3.4	No	Unspecified	Inventory of 1991 called this a "U" stand with comments that read " M3 upland brush".



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.

Stand	SCA Type	SCA Name	Acres	Comments
1	Unique Site - SCA	32089001	35.7	SCA Riparian corridor along the Ford River. Also serves as deer yard. Swamp conifer stand, formerly nominated for potential old growth.
3	Unique Site - SCA	32089003	68.3	Aspen is short, poor quality, and the stand is breaking up. Good mix of fir and white spruce. Drops to lowland in the southwest. Same stand across the river. Contains a small natural opening. 100' untreated buffer along the river will be retained as an SCA riparian corridor.
4	Unique Site - SCA	32089004	35.8	SCA Riparian corridor along the Ford River. Also serves as deer yard. Variable stand, ranges from upland to lowland with cedar throughout although heavier along the river. More white spruce understory as you move east. Heavy deer use. Avg. ba only 20.
15	Unique Site - SCA	32089015	30.4	Similar to the older sections of stand 12, balsam fir with aspen and white birch. Ready to harvest leaving 100' buffer along the river.
19	Unique Site - SCA	32089019	19.3	SCA Deer yard. 2" black spruce saplings-noncommercial
24	Unique Site - SCA	32089024	37.8	SCA Deer yard and wildlife travel corridor. Mixed lowland conifer stand with a fair amount of tamarack. Full coverage of tag alder in the understory.
27	Unique Site - SCA	32089027	46.9	SCA Riparian and wildlife travel corridor. Also serves as deer yard. Lowland cedar stand, formerly nominated for potential old growth.
31	Unique Site - SCA	32089031	7.0	SCA deer yard. Cedar stand, formerly nominated for potential old growth.
35	Unique Site - SCA	32089035	9.6	SCA deer yard. Cedar stand, formerly nominated for potential old growth.
37	Unique Site - SCA	32089037	30.1	SCA Riparian corridor along the Ford River. Also serves as deer yard. Cedar stand, formerly nominated for potential old growth.
38	Unique Site - SCA	32089038	6.3	SCA Deer yard. Upland cedar stand.
43	Unique Site - SCA	32089043	73.8	SCA deer yard. Swamp conifer stand, formerly nominated for potential old growth.
48	Unique Site - SCA	32089048	16.0	SCA Wildlife travel corridor and deer yard.

**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.

Stand	SCA Type	SCA Name	Acres	Comments
54	Unique Site - SCA	32089054	129.1	SCA Deer yard. Large old cedar, good quality with scattered large white pine. Former old growth nomination.
56	Unique Site - SCA	32089056	35.9	SCA Deer yard. Large old cedar, good quality with scattered large white pine. Former old growth nomination.



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.

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

Conservation Area	Type	Description
SCA	Habitat Area	An area that provide some specific need for the life cycle of wildlife species, including State Wildlife Areas and Waterfowl Production Areas, deer wintering complexes in lowland conifer communities, grassland openings and savannas. Habitat areas are distinct from critical habitat designated for recovery of endangered or threatened species (such as Kirtland's warbler or piping plover areas) in that they are more general in nature, are not primarily associated with threatened or endangered species, and are not covered by species recovery plans that are developed in cooperation with Federal agencies.