



# Compartment Review Presentation

Atlanta Forest Management Unit

Compartment 149

Entry Year 2015

Acreage: 1,186

County Presque Isle

Management Area: Hammond Bay Lake Plain

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**Revision Date:** 10/31/2013

**Stand Examiner:** Darrick Coy

**Legal Description:**

T35N, R3E, Sections 6, 7, 9, 16, & 21

**Identified Planning Goals:**

To provide for the protection, integrated management and responsible use of a healthy, productive, and undiminished forest resource base for the social, recreational, environmental, and economic benefit of the State of Michigan.

**Soil and topography:**

Soils are mostly excessively drained in uplands and mucky sands in the lowlands. Dominating soil types are rubicon sands and brevort mucky loamy sands. Aspen, jack pine, red pine, and lowland conifers are the dominant cover types. The overall topography is rolling to flat. The forest habitat types are mainly PARVHa and unclassified lowland.

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

State land ownership is solid within the interior. Private property borders to the E and S for the NW portion and to the N, W, & S for SE portion. This adjacent private land is mostly used for agriculture. There is an illegal ORV scramble area within SENW of section 16 (old borrow pit).

**Unique Natural Features:**

None known but features may exist.

**Archeological, Historical, and Cultural Features:**

None known but features may exist.

**Special Management Designations or Considerations:**

Many deer and hare are using lowland conifer stands in winter, specifically within SW 1/4 of section 16. Efforts should be made to maintain these areas as conifer and leave tops in harvests. Use larger aspen clearcuts and winter harvesting only, when possible, to provide and compete with heavier than normal deer browse.

**Watershed and Fisheries Considerations:**

**Wildlife Habitat Considerations:**

This compartment features deer, snowshoe hare, and ruffed grouse. There are significant areas of deer and snowshoe hare activity in the winter. The compartment itself is divided in two blocks by farmland where deer frequent in the spring and summer months. There is potential for rare raptor species and any treatments where nests are present should buffer those nests. Treatments in the forested stands should leave down woody debris and in some areas brush piles for use by hare, grouse, and herptile species.

**Mineral Resource and Development Concerns and/or Restrictions**

Surface sediments consist of lacustrine (lake) sand and gravel and coarse-textured glacial till. The glacial drift thickness varies between 0 and 50 feet. Beneath the glacial drift are the Devonian Traverse Group, Bell shale and Dundee Limestone. The Dundee is quarried for limestone/stone twelve miles to the east. Gravel pits are located in the area and there may be some potential in the compartment. This area has had sparse drilling for oil and gas. Oil and gas producing Guelph (Niagaran) reefs are located six miles to the south. Sections 6 and 7 are leased for oil and gas development.

**Vehicle Access:**

The county roads, forest trails, and gas access two-tracks are providing good access.

**Survey Needs:**

None needed.

**Recreational Facilities and Opportunities:**

The Silver Creek Snowmobile Trail runs along Glawe Hwy.

**Fire Protection:**

Onaway field office.

Young to middle-aged jack pine within section 16 can pose a significant fire threat.

Had a fairly recent wildfire within the NENE of section 21 which was salvage harvested and has come back well to aspen.

**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**

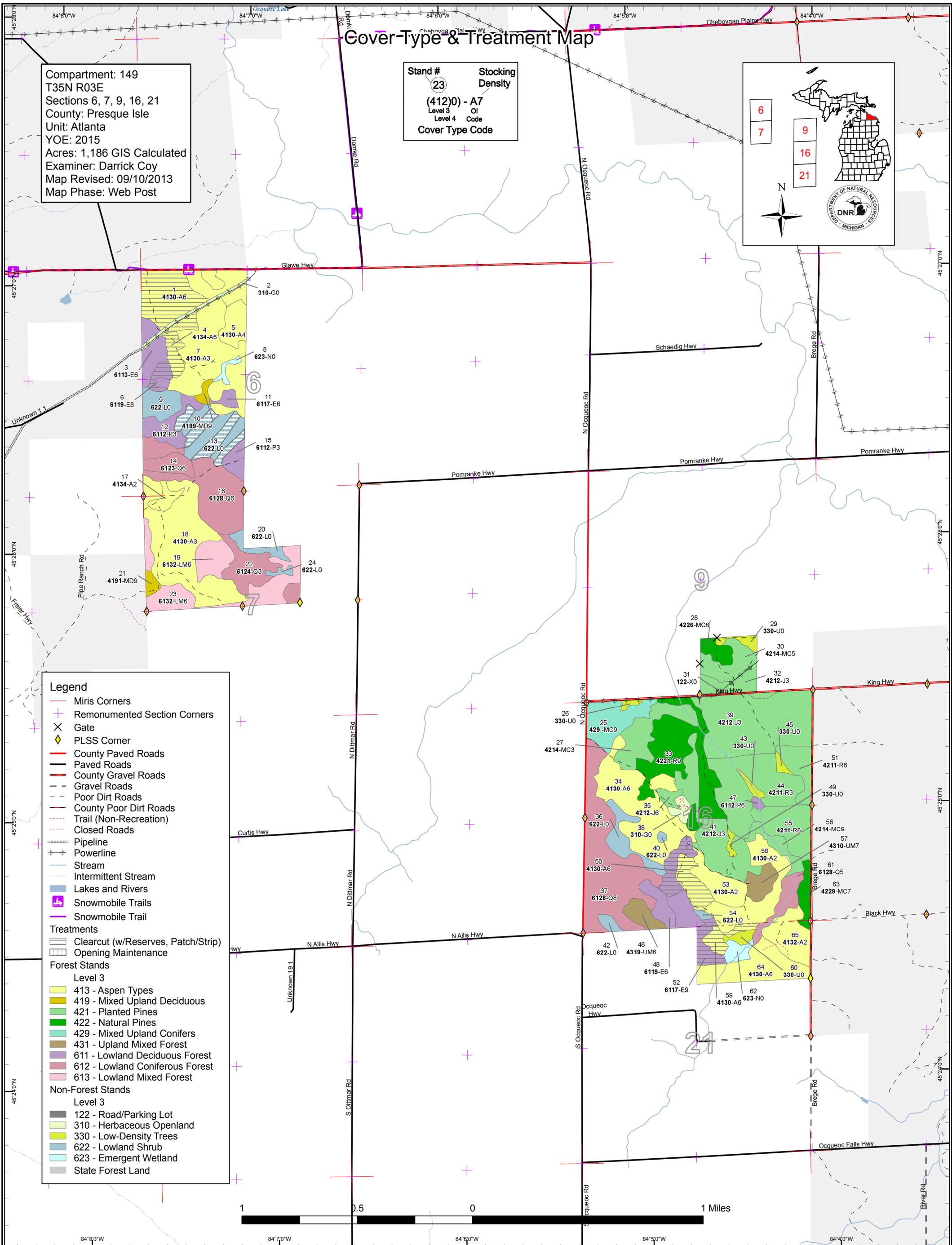
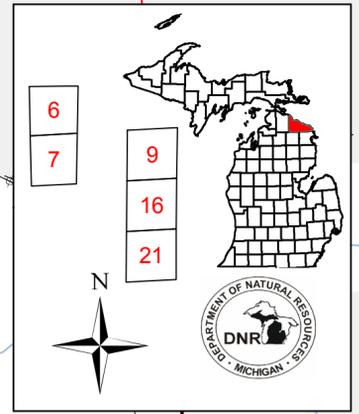
**Site condition boundaries**

**Details on the road access system**

# Cover-Type & Treatment Map

Compartment: 149  
 T35N R03E  
 Sections 6, 7, 9, 16, 21  
 County: Presque Isle  
 Unit: Atlanta  
 YOE: 2015  
 Acres: 1,186 GIS Calculated  
 Examiner: Darrick Coy  
 Map Revised: 09/10/2013  
 Map Phase: Web Post

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



**Legend**

- Miris Corners
- Remonumented Section Corners
- Gate
- PLSS Corner
- County Paved Roads
- Paved Roads
- County Gravel Roads
- Gravel Roads
- Poor Dirt Roads
- County Poor Dirt Roads
- Trail (Non-Recreation)
- Closed Roads
- Pipeline
- Powerline
- Stream
- Intermittent Stream
- Lakes and Rivers
- Snowmobile Trails
- Snowmobile Trail

**Treatments**

- Clearcut (w/Reserves, Patch/Strip)
- Opening Maintenance

**Forest Stands**

Level 3

- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 429 - Mixed Upland Conifers
- 431 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest

**Non-Forest Stands**

Level 3

- 122 - Road/Parking Lot
- 310 - Herbaceous Openland
- 330 - Low-Density Trees
- 622 - Lowland Shrub
- 623 - Emergent Wetland
- State Forest Land

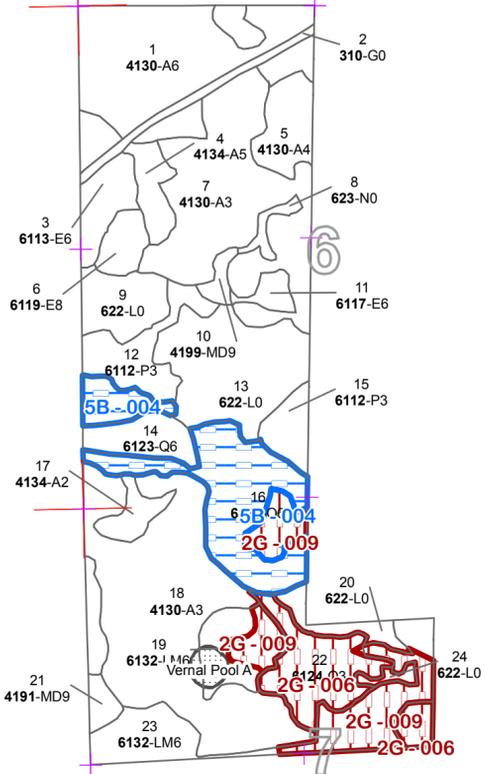
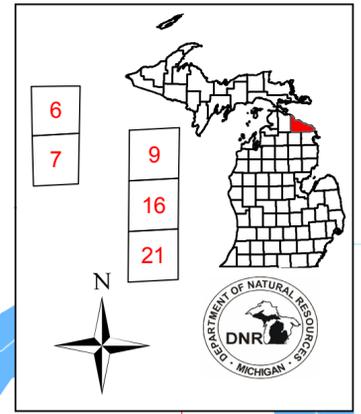




# Special Conservation Areas & Site Conditions Map

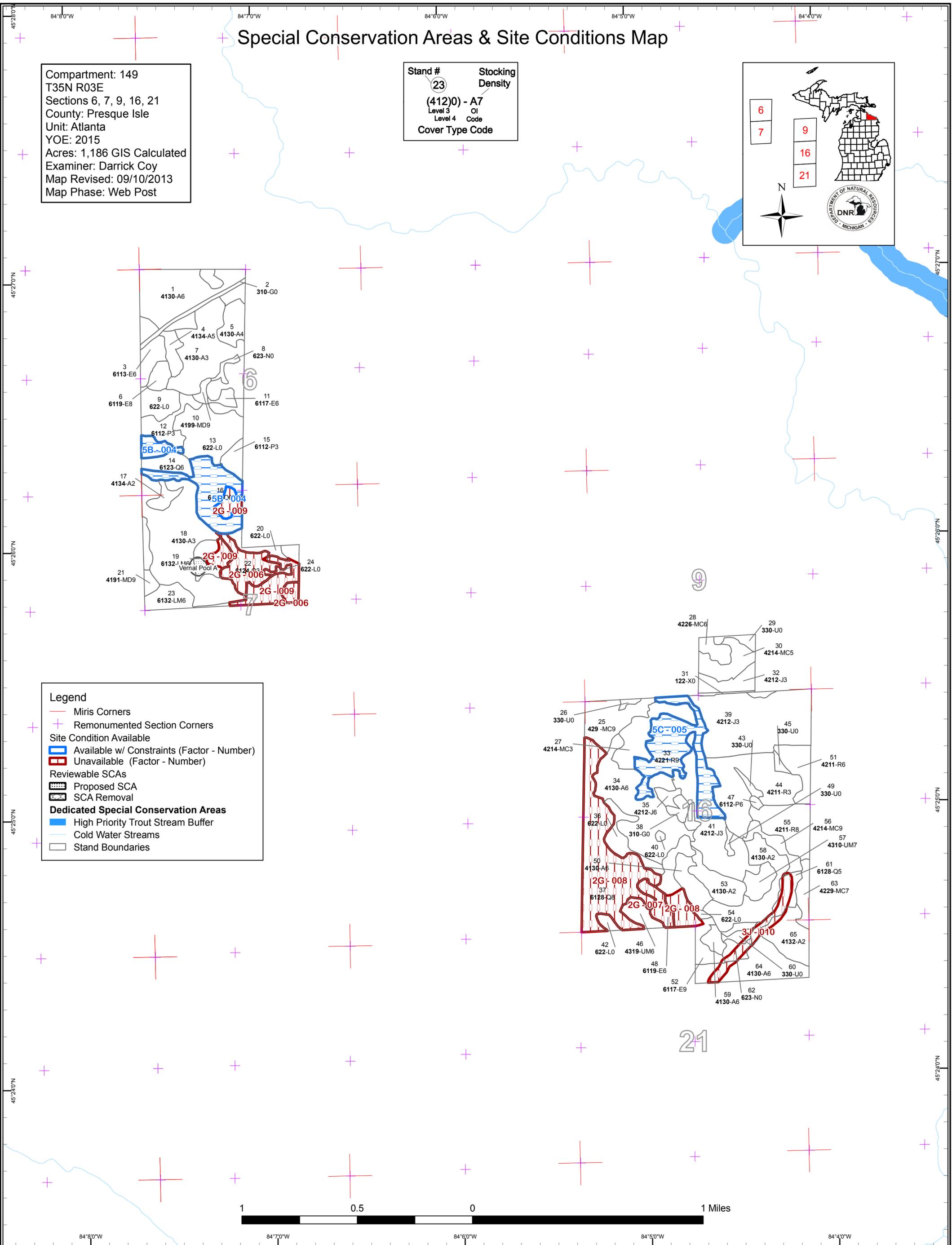
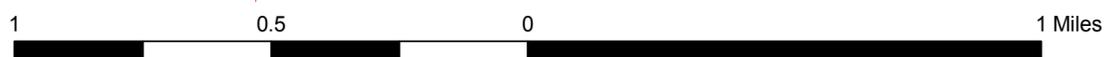
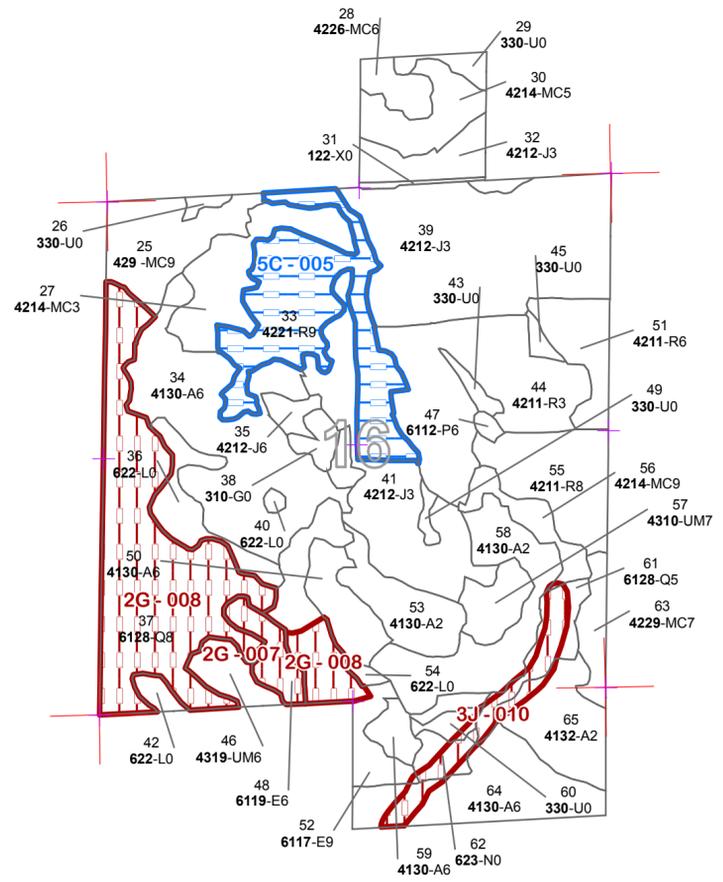
Compartment: 149  
 T35N R03E  
 Sections 6, 7, 9, 16, 21  
 County: Presque Isle  
 Unit: Atlanta  
 YOE: 2015  
 Acres: 1,186 GIS Calculated  
 Examiner: Darrick Coy  
 Map Revised: 09/10/2013  
 Map Phase: Web Post

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



**Legend**

- Miris Corners
- Remonumented Section Corners
- Site Condition Available
- Available w/ Constraints (Factor - Number)
- Unavailable (Factor - Number)
- Reviewable SCAs
- Proposed SCA
- SCA Removal
- Dedicated Special Conservation Areas**
- High Priority Trout Stream Buffer
- Cold Water Streams
- Stand Boundaries



Report 1 – Total Acres by Cover Type and Age Class



	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	126	0	80	8	165	0	0	0	13	0	0	0	0	0	391
Herbaceous Openland	10	0	0	0	0	0	0	0	0	0	0	0	0	0	10
Jack Pine	0	53	0	77	0	4	0	0	0	0	0	0	0	0	134
Low-Density Trees	15	0	0	0	0	0	0	0	0	0	0	0	0	0	15
Lowland Aspen/Balsam Poplar	0	0	21	1	0	0	0	0	0	0	0	0	0	0	22
Lowland Conifers	0	0	0	0	0	0	10	23	11	77	0	46	0	0	167
Lowland Deciduous	0	0	0	0	13	3	0	6	9	29	0	0	0	0	60
Lowland Mixed Forest	0	0	0	0	0	0	0	0	0	50	0	0	0	0	50
Lowland Shrub	72	0	0	0	0	0	0	0	0	0	0	0	0	0	72
Marsh	8	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Mixed Upland Deciduous	0	0	0	0	0	0	0	0	3	3	0	0	0	0	6
Natural Mixed Pines	0	0	0	0	0	7	8	0	0	0	0	0	0	0	15
Planted Mixed Pines	0	24	0	0	0	15	9	0	0	0	0	0	0	0	49
Red Pine	0	0	51	0	14	0	25	0	0	54	0	0	0	0	145
Upland Conifers	0	0	0	0	0	0	0	0	24	0	0	0	0	0	24
Upland Mixed Forest	0	0	0	0	0	9	0	0	9	0	0	0	0	0	18
Urban	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
<b>Total</b>	<b>231</b>	<b>77</b>	<b>152</b>	<b>86</b>	<b>193</b>	<b>38</b>	<b>53</b>	<b>29</b>	<b>69</b>	<b>212</b>	<b>0</b>	<b>46</b>	<b>0</b>	<b>0</b>	<b>1186</b>



# Report 2 – Proposed Treatment Summaries

Atlanta Mgt. Unit  
Year of Entry 2015

Compartment 149  
Total Compartment Acres: 1,186

### Acres by Treatment Type

Commercial Harvest - 86	Tree Planting - 0	Other - 0
Habitat Cut - 0	Opening Maintenance - 17	

### Cover Type by Harvest Method

	Clearcut	Selection	Seed Tree	Shelterwood	Thinning	Other - Specify	Total Acres
Aspen Types	63	0	0	0	0	0	63
Lowland Deciduous Forest	23	0	0	0	0	0	23
<b>Total</b>	<b>86</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>86</b>



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
1	54149001-Cut	35.1	4130 - Aspen	High Density Pole	45		Harvest	Clearcut with Reserves	4130 - Aspen	Cmpt. Review Proposal
<u>Prescription</u> -cc (partial stand harvest- see treatment layer) <u>Specs:</u> -leave 1-2 oak and/or pine per acre -3-7% in retention pockets -protect snowmobile trail in specs -leave 1 brush pile every 1-2 acres (WLD) -grouse spec <u>Other</u> -adjacent stand to west in adjacent compartment along road is getting cc as well for YOE 2015 <u>Comments:</u> <u>Next</u> -regen survey 3-5 years <u>Steps:</u> -acceptable regen is aspen, oak, and wp of medium to high stocking <u>Proposed</u> <u>Start Date:</u> 10/01/2014										
4	54149004-Cut	7.3	4134 - Aspen, Spruce/Fir	Medium Density Pole	45		Harvest	Clearcut with Reserves	4136 - Aspen, Mixed Conifer	Cmpt. Review Proposal
<u>Prescription</u> -cc <u>Specs:</u> -leave 1-2 oak and/or wp per acre -leave 1-2 birch and/or aspen log trees acre to leave -no other retention necessary -grouse spec <u>Other</u> <u>Comments:</u> <u>Next</u> -regen survey in 3-5 years <u>Steps:</u> -acceptable regen is aspen, rm, bf, and wp of medium to high stocking <u>Proposed</u> <u>Start Date:</u> 10/01/2014										
6	54149006-Cut	4.5	6119 - Mixed Lowland Deciduous Forest	Medium Density Log	73	51-80	Harvest	Clearcut with Reserves	6119 - Mixed Lowland Deciduous Forest	Cmpt. Review Proposal
<u>Prescription</u> -cc (partial stand harvest- see trmt layer) <u>Specs:</u> -leave 1-2 oak and wp, if present -no other retention necessary besides wet hole with snags (already excluded from treatment) <u>Other</u> <u>Comments:</u> <u>Next</u> -regen survey 3-5 years <u>Steps:</u> -acceptable regen is aspen, rm, bf, and wp of medium to high stocking <u>Proposed</u> <u>Start Date:</u> 10/01/2014										
50	54149050-Cut	12.7	4130 - Aspen	High Density Pole	81	51-80	Harvest	Clearcut with Reserves	4130 - Aspen	Cmpt. Review Proposal
<u>Prescription</u> -cc <u>Specs:</u> -leave 2-3 oak, rp, and/or wp per acre in clumps or scattered individuals -no area retention necessary to maximize regeneration success against a high deer population wintering in lowland conifers to the W -require harvesting outside of Spring -grouse spec <u>Other</u> -best access is using two-track from E <u>Comments:</u> <u>Next</u> -regen survey 3-5 years <u>Steps:</u> -acceptable regen is aspen, fir, spruce, oak, wp, and rm of medium to high stocking <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
52	54149052-Cut	18.9	6117 - Lowland Deciduous, Mixed Coniferous	High Density Log	91	51-80	Harvest	Clearcut with Reserves	6117 - Lowland Deciduous, Mixed Coniferous	Cmpt. Review Proposal

Prescription -cc

Specs:  
 -leave 2-3 oak, rp, and/or wp per acre in clumps or scattered individuals  
 -retention/exclusion area within stand is not being treated (regeneration potential is poor for this area- more aspen blowdown, thick unmerchantable fir, spindly cedar, hemlock and low residual stocking)  
 -require harvesting outside of Spring in specs  
 -include extra 1-2 year extension in sale specs  
 -add down debris for herps spec (WLD)

Other -best access is using two-track from E

Comments:

Next -regen survey 3-5 years

Steps: -acceptable regen is fir, spruce, oak, wp, rm, aspen, and of low to high stocking

Proposed

Start Date: 10/01/2014

59	54149059-Cut	7.6	4130 - Aspen	High Density Pole	38		Harvest	Clearcut with Reserves	4130 - Aspen	Cmpt. Review Proposal
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Prescription -cc

Specs:  
 -leave 2-3 oak, rp, and/or wp per acre in clumps or scattered individuals  
 -no area retention necessary to maximize regeneration success against a high deer population wintering in lowland conifers to the W  
 -grouse spec

Other -best access is using two-track from E

Comments:

Next -regen survey in 3-5 yrs

Steps: -acceptable regen is aspen, fir, spruce, oak, wp, and rm of medium to high stocking

Proposed

Start Date: 10/01/2014

13	NF_54149013- NonFor	17.5	622 - Lowland Shrub				Non-Forest Management	Brush Cutting	6229 - Mixed lowland shrub	Cmpt. Review Proposal
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Prescription Strip cuts in tag alder to benefit woodcock habitat

Specs:OtherComments:

Next Monitor for effectiveness

Steps:Proposed

Start Date: Unspecified

**Total Treatment  
Acreage Proposed: 103.6**

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Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
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#Type!

#Type!

Prescription  
Specs:

Other  
Comment:

Next  
Steps:

Proposed  
Start Date: #Type!

Limiting Factor

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**Total Treatment**  
**Acreage Proposed: 0.0**

## Report 5 – Site Conditions

Atlanta Mgt. Unit  
Darrick Coy : Examiner

Compartment 149  
Year of Entry 2015

### Availability for Management

Total Acres	Acres Available	Acres Not Available	Dominant Site Conditions	Dominant Site Conditions				
				No	5C	5B	3J	2G
391	386	5	Aspen	386			5	
134	134		Jack Pine	134				
22	22		Lowland Aspen/Balsam Poplar	22				
167	54	113	Lowland Conifers	14		40	7	106
60	42	19	Lowland Deciduous	42			0	18
50	29	21	Lowland Mixed Forest	29				21
6	6		Mixed Upland Deciduous	6				
15	15		Natural Mixed Pines	15				
49	49	0	Planted Mixed Pines	49			0	
145	145		Red Pine	94	51			
24	24		Upland Conifers	24				
18	18		Upland Mixed Forest	18				
1,080	923	157	Total Forested Acres	832	51	40	12	145
	85%	15%	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
004	Available	5B: Retention for regeneration purposes	40				
<b>Comments:</b>							
005	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	51				
<b>Comments:</b>							
-Given the shape of this portion being linear north-south skidding distances will be much less by lumping it in with adjacent cuts to east in future							

## Report 5 – Site Conditions

Atlanta Mgt. Unit  
Darrick Coy : Examiner

Compartment 149  
Year of Entry 2015

006	<b>Not Available</b>	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	23	5D: Unproductive Forest Land	5A: Not able to obtain desirable regeneration
<b>Comments:</b>					
007	<b>Not Available</b>	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	9	3H: Deer Wintering Areas	5D: Unproductive Forest Land 5A: Not able to obtain desirable regeneration
<b>Comments:</b>					
008	<b>Not Available</b>	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	86	3H: Deer Wintering Areas	
<b>Comments:</b>					
<ul style="list-style-type: none"> <li>-deer heavily using area in winter</li> <li>-aspen is in very poor condition/significant internal rot, less well distributed, and less drainage within soil vs stand 52</li> <li>-intermixed muck pockets</li> <li>-hemlock pockets, mainly to the southern portions</li> <li>-fair amount of significantly wet lowland shrub blocking access to east and adjacent Ocqueoc roadway is significantly raised making driveway establishment/access impossible</li> </ul>					
009	<b>Not Available</b>	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	28	5A: Not able to obtain desirable regeneration	
<b>Comments:</b>					
010	<b>Not Available</b>	<b>3J: Water quality / BMPs (stream, river, or lake)</b>	16		
<b>Comments:</b>					
<ul style="list-style-type: none"> <li>-leave as intermittent stream buffer</li> <li>-thinning or selection harvests may be allowed at certain distances</li> </ul>					



**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
Vernal Pool A	Spring-Seeps, Riparian Areas	Vernal Pool	SCA	2.9
<b>Comments</b>				
vernal pool with 2 chain buffering				



**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
SCA	Archaeological Site	An aquatic or terrestrial area of the State that contains physical remains of human occupation. These are sites of cultural and historical significance that may occur upon terrestrial areas and Great Lakes bottomlands. They include thousands of Native American settlements and burial sites, as well as French and British outposts, nineteenth century logging camps, mines and homesteads. Beneath the waters of the Great Lakes, there are shipwrecks and other remains documenting the maritime trade. Such sites may be identified by Natural heritage data from the State Historic Preservation Office. Proposed treatments in this compartment will be implemented in such a manner as to maintain the integrity of these sites. Due to the sensitive nature of this information, no further detail about location is available.



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
1	4130 - Aspen	High Density Pole	50.2	45		-pole stand
3	6113 - Lowland Maple	High Density Pole	13.1	48	51-80	
4	4134 - Aspen, Spruce/Fir	Medium Density Pole	7.3	45		-more variability of species and density in this aspen stand
5	4130 - Aspen	Low Density Pole	14.5	45		-broke stand out due to significant density change
6	6119 - Mixed Lowland Deciduous Forest	Medium Density Log	6.1	73	51-80	-fair amount of snags
7	4130 - Aspen	High Density Sapling	56.9	4		- 9/27/07 (aspen 84%, birch 7%, balsam fir 1%, mh 8%) -some scattered oak
10	4199 - Other Mixed Upland Deciduous	High Density Log	2.7	82	51-80	-stand was left uncut due to it narrow drainage within stand -split between lowland and upland, went with upland
11	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	3.5	55	51-80	-non-forested lowland shrub inclusion to se, didn't meet mapping rules
12	6112 - Lowland Aspen	High Density Sapling	14.0	24		-10/30/87 (69% aspen, 30% mh, 1% mc) -was part of a larger harvest that regenerated poorly -dense tag alder around stand to north
14	6123 - Lowland Fir	High Density Pole	9.9	63	51-80	-second growth -aspen is mostly gone from this stand and is now balsam with traces of aspen and cedar -wetter than surrounding lowland areas, most-likely why aspen is gone from this stand
15	6112 - Lowland Aspen	High Density Sapling	6.9	24		-10/30/87 (69% aspen, 30% mh, 1% mc) -inconsistent regen results or stocking was poor before initial harvest -dense tag alder -hard to delineate, stand lines may need to adjust when crowns become more visible
16	6128 - Lowland Coniferous, Mixed Deciduous	High Density Pole	46.0	111	81-110	-aspen is dying out and should be gone in 10-20 yrs -stand drainage run nw-se -feather moss coverage is 10-15% in west and 30-40% in east half of stand where wetter conditions exist -seems to be two-aged -younger black spruce/balsam fir and older aspen/cedar -wet pockets in places -more aspen mortality to east half
17	4134 - Aspen, Spruce/Fir	Medium Density	5.4	25		-3/2/87 (60% aspen, 30% mh, 10% mc) -split stand out due to density change
18	4130 - Aspen	High Density Sapling	74.2	25		- 3/2/87 (60% aspen, 30% mh, 10% mc)



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
19	6132 - Mixed Lowland Forest with Cedar	High Density Pole	13.9	92	51-80	-fairly rocky ground in areas -aspen seems to be not declining as bad within this stand, has a little better drainage, and less cedar
21	4191 - Mixed Upland Deciduous with Conifer	High Density Log	3.2	93	111-140	-hemlock throughout
22	6124 - Lowland Spruce-Fir	High Density Sapling	23.2	76	51-80	-very shallow O horizon, significantly poor soils with rocky poorly drained soil -if there was an overstory of aspen, most of it is gone
23	6132 - Mixed Lowland Forest with Cedar	High Density Pole	35.9	93	51-80	-significant acreage of trees growing on hummocks
25	429 - Mixed Upland Conifers	High Density Log	23.9	84	81-110	
27	42141 - Planted Mixed Pine, Mixed Deciduous	High Density Sapling	24.3	14		-2/27/98 (wp 5%, rp 12%, jp 71%, oak 1%, aspen 8%)
28	42260 - Natural Pine, Mixed Deciduous	High Density Pole	7.0	50	51-80	-planted rp in 1962 with variable stocking -jp less dominating in this stand with more oak and old aspen
30	42141 - Planted Mixed Pine, Mixed Deciduous	Medium Density Pole	15.5	50	1-50	-FTP for 7.5x7.5 rp planting completion 10/24/62 -more open stand with scattered cherry
32	42121 - Planted Jack Pine, Mixed Deciduous	High Density Sapling	13.0	14		-2/27/98 (90% jp, 10% other) -direct seeding/furrowed to jp completed 10/97, very mild fall with average moisture
33	42210 - Natural Red Pine	High Density Log	54.0	90	81-110	-wp regen
34	4130 - Aspen	High Density Pole	60.7	46		-
35	42120 - Planted Jack Pine	High Density Pole	3.7	50		- planted a total of 7 acres and was began on 10/29/62 and completed on 11/1/62 -they basically planted this stand and some of the borrow pit which was used in county road construction (non-forested stand to the south) -it appears that this ~4 acres is the only acreage that survived
37	6128 - Lowland Coniferous, Mixed Deciduous	Medium Density Log	76.5	91	51-80	-diverse stand with significant amounts of down timber, mostly aspen -poorer drainage to southern 1/3rd of stand where diameters are much smaller and of poorer quality, stagnant growth -less of a defined canopy in this stand, broken up -heavy deer and rabbit use
39	42120 - Planted Jack Pine	High Density Sapling	76.9	35		- 6/25/77 (jp 99%, aspen 1%)
41	42121 - Planted Jack Pine, Mixed Deciduous	High Density Sapling	40.1	14		-2/27/98 (wp 5%, rp 12%, jp 71%, oak 1%, aspen 8%)



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
44	42110 - Planted Red Pine	High Density Sapling	51.5	24	1-50	-hand planting to RP completed in May 1988 during drought year -fair amount of intermixed natural jp regen -lower density portion to SE that was not interplanted with RP due to higher JP regen concentration, this area was merged into existing RP stand
46	4319 - Mixed Upland Forest	High Density Pole	8.5	52	51-80	-stand that is species rich with sugar maple component and hemlock -heavy deer and rabbit use
47	6112 - Lowland Aspen	High Density Pole	1.4	35		-lowland with bam present
48	6119 - Mixed Lowland Deciduous Forest	High Density Pole	9.0	88	1-50	
50	4130 - Aspen	High Density Pole	12.7	81	51-80	-evidence of burn along west edge of stand
51	42110 - Planted Red Pine	High Density Pole	14.4	49	81-110	-planting # 120 (sec. 16 sene) -machine planted -planting of 7.5x7.5 rp began 10/18/62 & completed 10/19/62 for 11 actual acres
52	6117 - Lowland Deciduous, Mixed Coniferous	High Density Log	28.5	91	51-80	-aspen are all showing internal rot but are alive -hemlock pocket adj to e-w two-track to north -wp in overstory mainly in the south part of stand -heavy amount of deer and rabbit tracks throughout stand, 1 print/sq ft
53	4130 - Aspen	Medium Density	16.6	6		
55	42110 - Planted Red Pine	Medium Density Log	25.5	64	51-80	-variable density and rp size classes despite being a plantation -appears to have had variable success when planted
56	42141 - Planted Mixed Pine, Mixed Deciduous	High Density Log	9.1	64	111-140	
57	4310 - Pine, Oak Mix	Low Density Log	9.4	87	1-50	- 1/31/08 (vol.- jp 8%, aspen 31%, rp 62%, mh 1%) -heavy deer browse on rm and aspen
58	4130 - Aspen	Medium Density	31.2	4		-1/31/08 (vol.- aspen 93%, mh 7%) -had wp protection -deer browse heavy in places to NW, center, and sw weith patchy areas with no-low regen
59	4130 - Aspen	High Density Pole	7.6	38		-
61	6128 - Lowland Coniferous, Mixed Deciduous	Medium Density Pole	11.3	87	1-50	-drainage is likely dry -small jp pocket was merged within stand to se -significant deer use

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Atlanta Mgt. Unit

Report 8 – Forested Stands

Compartment: 149

Year of Entry: 2015



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
63	42290 - Natural Mixed Pine	Low Density Log	8.2	62	1-50	-same composition as north except much lower density, medium jp saps in subcanopy, and wp and jp in canopy
64	4130 - Aspen	High Density Pole	32.8	40		-12/20/72
65	4132 - Aspen, Jack Pine	Medium Density	21.0	6		-stand unintentionally burned and was salvaged -2007 (aspen 37%, rp 12%, wp 27%, jp 24%)



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
2	310 - Herbaceous Openland	5.3	No	Unspecified	
8	623 - Emergent Wetland	2.4	No	Unspecified	
9	622 - Lowland Shrub	12.4	No	Unspecified	
13	622 - Lowland Shrub	33.6	No	Unspecified	
20	6229 - Mixed lowland shrub	5.6	No	Unspecified	
24	6229 - Mixed lowland shrub	1.8	No	Unspecified	
26	3303 - Mixed Low Density Trees	1.5	Yes	Low	
29	3302 - Low Density Conifer Trees	3.7	Yes	Medium	
31	122 - Road/Parking Lot	1.3	No	Unspecified	
36	622 - Lowland Shrub	13.0	No	Unspecified	
38	310 - Herbaceous Openland	4.3	No	Unspecified	-old borrow pit -ORV activity, and trash dumping -water in areas, seasonally -willow, cherry & spruce along edges
40	622 - Lowland Shrub	1.0	No	Unspecified	
42	6229 - Mixed lowland shrub	3.0	No	Unspecified	
43	3302 - Low Density Conifer Trees	2.4	Yes	Low	
45	3302 - Low Density Conifer Trees	1.9	Yes	Medium	
49	3303 - Mixed Low Density Trees	1.7	Yes	Low	-low density conifers
54	6229 - Mixed lowland shrub	1.4	No	Unspecified	



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
60	330 - Low-Density Trees	3.3	Yes	Medium	-area was included in a unplanned 1998 wildfire, a lot of blowdown/hard to walk through -could burn again to help reduce slash
62	623 - Emergent Wetland	5.5	No	Low	-small wetland area running ne-sw