



**Sault Forest Management Unit
Compartment Review Presentation
Compartment #149 Entry Year: 2013
Compartment Acreage: 1,917 County: Mackinac**

Revision Date: 7/1/2011

Stand Examiner: Kristen Matson

Legal Description: T44N R07W SECTION 30
T44N R08W SECTION 25 & 26

RMU (if applicable): Mackinac Mix

Management Goals: This compartment is located one mile north of Rexton. The majority of the compartment is lowland areas comprised of treed bog or swamp conifers. The remaining upland areas consist primarily of aspen/birch with lesser areas of northern hardwood, red pine plantation and grassy opening complex. Good age class diversity exists in the aspen/birch areas. Cutting has taken place each decade since the mid-1960's. The mature to over-mature areas are recommended for harvest to assure adequate regeneration and continued age class diversity. Aspen budding trees will be left along the edge of the cuts as well as some birch trees within the cuts. The hardwood and pine stands need regular treatment to promote health and growth. Part of the grassy opening complex has been used in the past as an MSU experimental planting area. A small scotch pine plantation and some scraggly lombardy poplar from the 1970's are located here. MSU is no longer collecting data from these plantings and have no objection to their removal.

Soil and Topography: This area ranges from low, level conifer swamps and bogs to low ridges to very rolling terrain. The conifer swamps consist of Markey and Carbondale mucks, and bogs, consist of Dawson and Loxley peats. Transitional areas are comprised of Finch sand, Solona loam, and Spot-Finch complex. Upland areas are primarily Springlake loamy coarse sand with smaller inclusions of Paquin sand, Paquin-Finch sands, and Guardlake fine sandy loam.

Ownership Patterns, Development, and Land Use in and Around the Compartment: The entire compartment is state-owned lands, with the majority of the surrounding lands being state-owned too. Immediately to the south are private parcels in the outskirts of Rexton.

Unique, Natural Features: There is potential for various plant and animal species of special interest.

Archeological, Historical, and Cultural Features: Part of an old CCC camp is located to the south of the compartment. Portions of old logging grades run through the area. Old logging camp sites may be located in the area.

Special Management Designations or Considerations: None.

Watershed and Fisheries Considerations: This compartment is within the Eastern Lake Superior Management Unit, and is near the West Branch Hendrie River. Since no treatments are prescribed near water, Fisheries has no comments at this time.

Wildlife Habitat Considerations: Compartment 149 is located approximately a mile north of Rexton in the St. Ignace subsection of the Niagaran Escarpment and Lake Plain. Treed bog and lowland conifer swamp dominated by cedar dominate. Mixed deciduous islands are scattered throughout the bog. Other common

cover types include aspen and northern hardwoods. A number of aspen stands of varying age classes are scattered mainly in the south. Wildlife use includes white-tailed deer, black bear, wolf, bobcat, ruffed grouse, hawks, fisher, marten, and snowshoe hare.

Species, age class, and structural diversity will be maintained in hardwood stands. Snags and coarse woody debris will be retained to provide habitat for cavity nesters and amphibians. Early successional stands will be managed to maintain them on the landscape. The integrity of wetland areas will be protected. These practices will benefit the species mentioned above as well as numerous others.

Mineral Resource and Development Concerns and/or Restrictions: Surface sediments consist of lacustrine (lake) sand and gravel, peat and muck and coarse-textured glacial till. The glacial drift thickness varies between 10 and 50 feet. The Silurian Manistique Group subcrops below the glacial drift. The Manistique could be used for stone. The nearest gravel pit is in Section 26. There appears to be gravel potential in the west third of the compartment. There is no economic oil and gas production in the UP.

Vehicle Access: The Dinkey Line, a good to poor gravel seasonal county road, bisects the east 2/3 of the compartment. This county road has year round seasonal restrictions. It is an old cordoroyed grade that impedes cross drainage from east to west. The southern half of the Dinkey Line within the compartment is also used as a snowmobile trail, which turns east on the Cobe Road. Cobe Road is a good DNR road through Section 30. This road was recently widened to accommodate the snowmobile trail. The southern half of Section 30 is accessed by a two-track off the Dinkey Line. The Weasel Road is a DNR road located between the Giddings Truck Trail and the Dinkey Line. It runs primarily on a narrow ridge between swamp conifers and bogs. The eastern portion of this road within this compartment is poor to untravelable. The ORV trail shares the road and has built a causeway across the wettest hole on the east side. The west side of the compartment is accessed mainly by two-tracks off the Streeter Road (good dirt county road), and Dollar Lake Road (good dirt DNR road).

Survey Needs: None needed this entry

Recreational Facilities and Opportunities: Snowmobile trail 2 runs north out of Rexton along the Dinkey Line before turning east on Cobe Road. The ORV trail shares the Weasel Road and Cobe Road before heading off into the woods on the very east side of Section 30. Other recreational opportunities include hunting, bird watching and berry picking.

Fire Protection: This is a low fire area due to the lowland swamps.

Additional Compartment Information: None

➤ **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:**

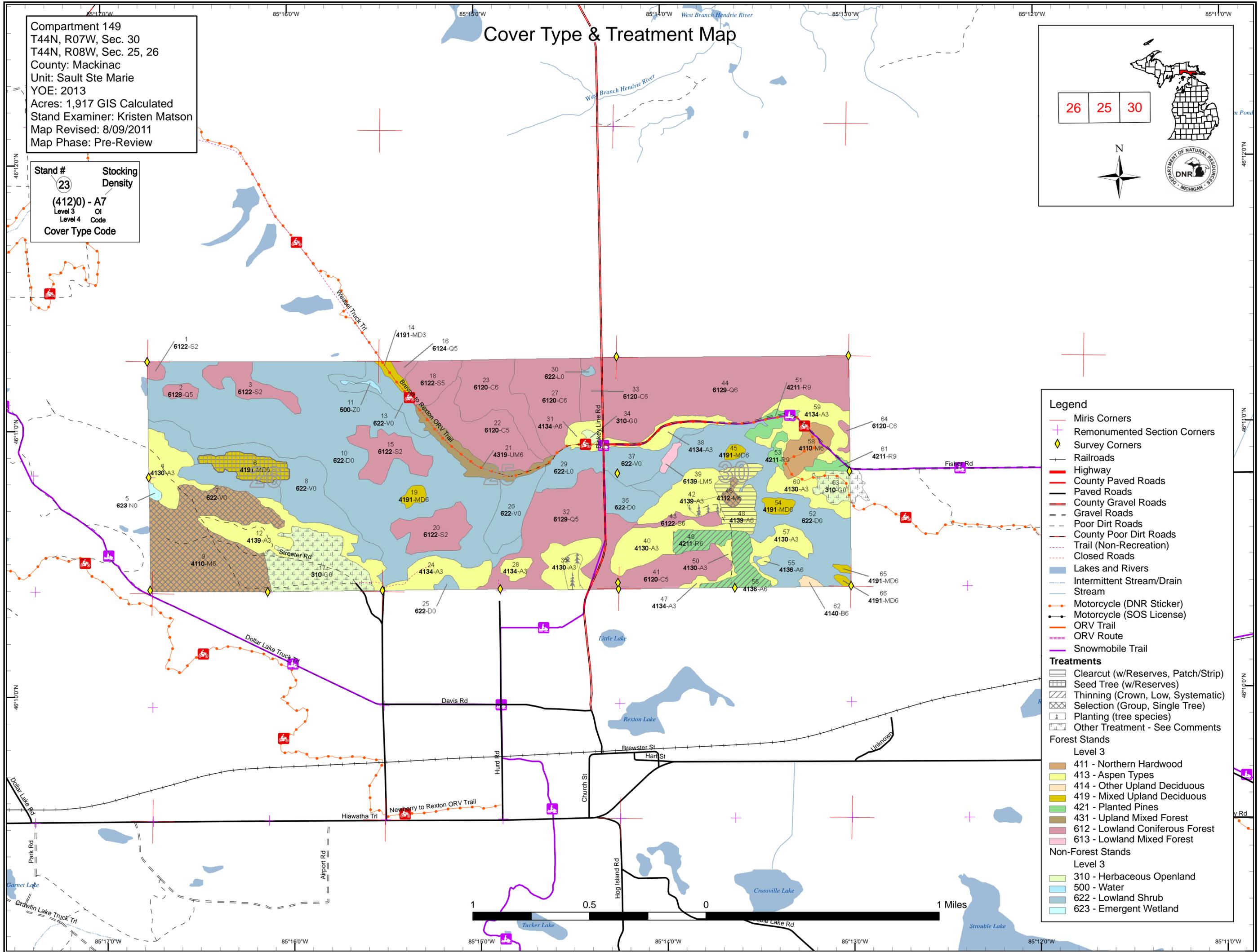
- ◆ **Base feature information, stand boundaries, cover types, and numbers**
- ◆ **Proposed treatments**
- ◆ **Details on the road access system**

Cover Type & Treatment Map

Compartment 149
 T44N, R07W, Sec. 30
 T44N, R08W, Sec. 25, 26
 County: Mackinac
 Unit: Sault Ste Marie
 YOY: 2013
 Acres: 1,917 GIS Calculated
 Stand Examiner: Kristen Matson
 Map Revised: 8/09/2011
 Map Phase: Pre-Review

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

26 25 30



Legend

- Miris Corners
- Remonumented Section Corners
- Survey Corners
- Railroads
- Highway
- County Paved Roads
- Paved Roads
- County Gravel Roads
- Gravel Roads
- Poor Dirt Roads
- County Poor Dirt Roads
- Trail (Non-Recreation)
- Closed Roads
- Lakes and Rivers
- Intermittent Stream/Drain
- Stream
- Motorcycle (DNR Sticker)
- Motorcycle (SOS License)
- ORV Trail
- ORV Route
- Snowmobile Trail

Treatments

- Clearcut (w/Reserves, Patch/Strip)
- Seed Tree (w/Reserves)
- Thinning (Crown, Low, Systematic)
- Selection (Group, Single Tree)
- Planting (tree species)
- Other Treatment - See Comments

Forest Stands

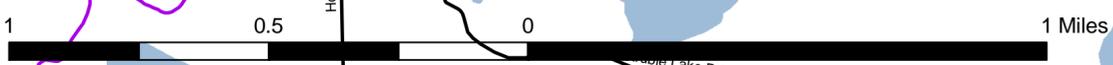
Level 3

- 411 - Northern Hardwood
- 413 - Aspen Types
- 414 - Other Upland Deciduous
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 431 - Upland Mixed Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest

Non-Forest Stands

Level 3

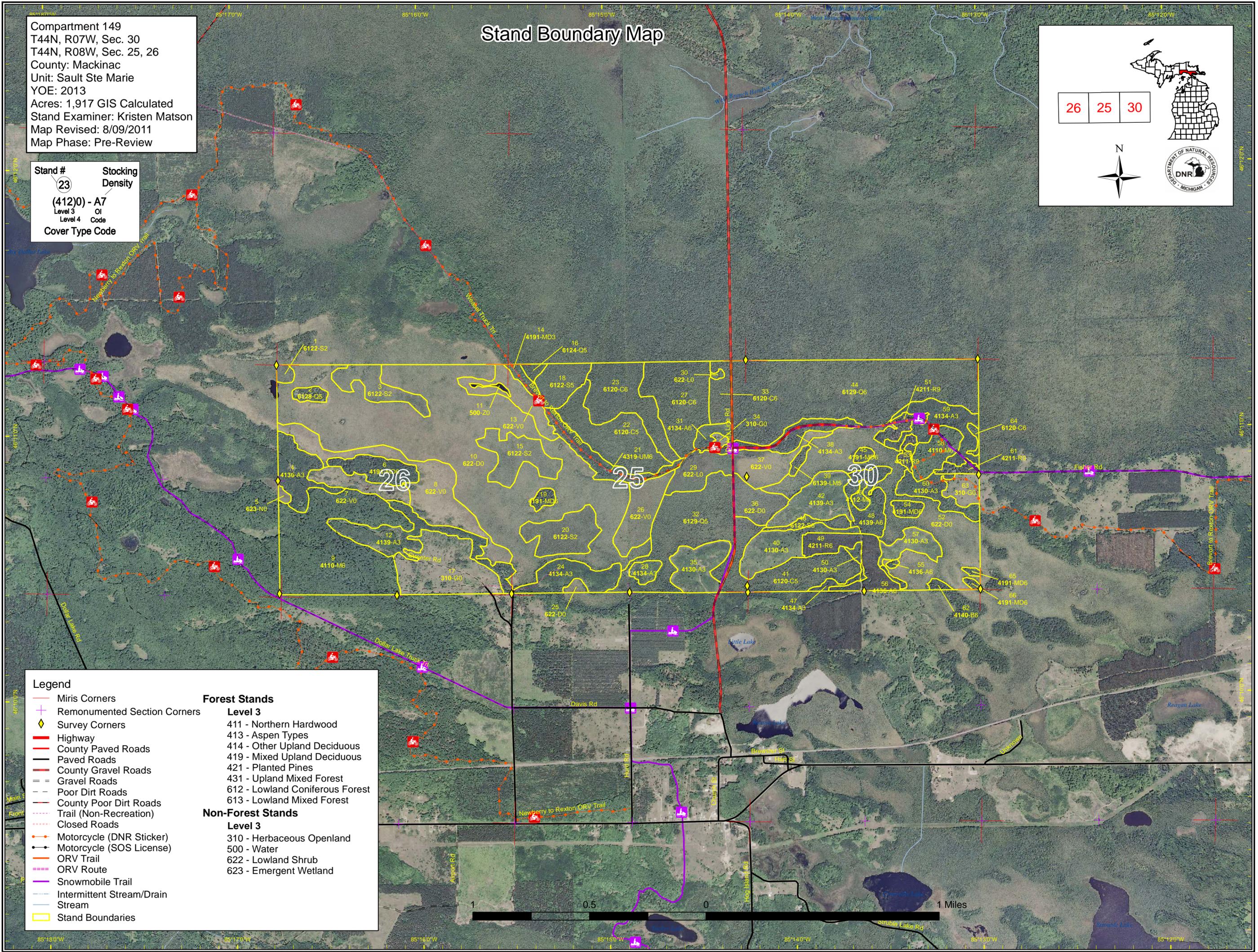
- 310 - Herbaceous Openland
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland



Stand Boundary Map

Compartment 149
 T44N, R07W, Sec. 30
 T44N, R08W, Sec. 25, 26
 County: Mackinac
 Unit: Sault Ste Marie
 YOE: 2013
 Acres: 1,917 GIS Calculated
 Stand Examiner: Kristen Matson
 Map Revised: 8/09/2011
 Map Phase: Pre-Review

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



Legend

- Miris Corners
- Remonumented Section Corners
- Survey Corners
- Highway
- County Paved Roads
- Paved Roads
- County Gravel Roads
- Gravel Roads
- Poor Dirt Roads
- County Poor Dirt Roads
- Trail (Non-Recreation)
- Closed Roads
- Motorcycle (DNR Sticker)
- Motorcycle (SOS License)
- ORV Trail
- ORV Route
- Snowmobile Trail
- Intermittent Stream/Drain
- Stream
- Stand Boundaries

Forest Stands

Level 3

- 411 - Northern Hardwood
- 413 - Aspen Types
- 414 - Other Upland Deciduous
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 431 - Upland Mixed Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest

Non-Forest Stands

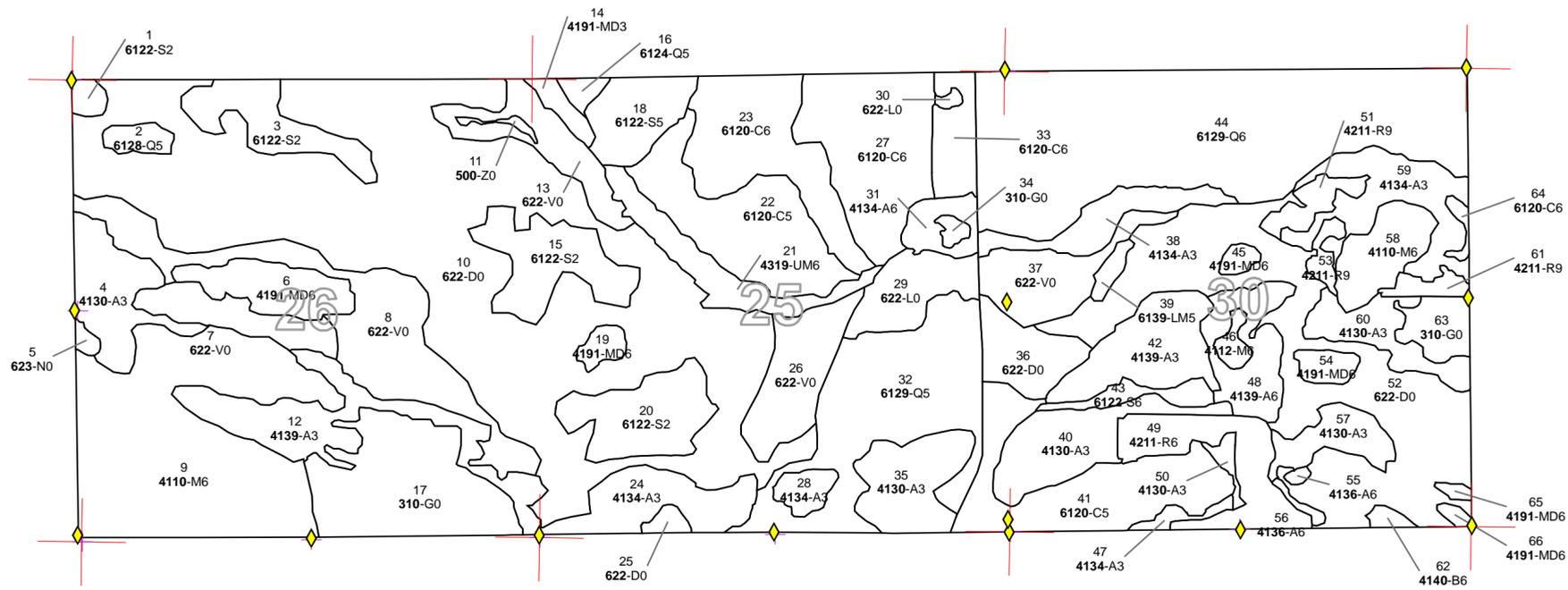
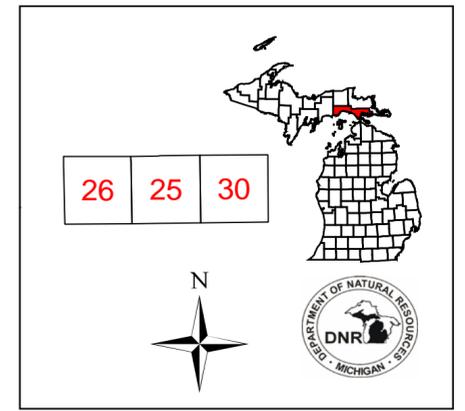
Level 3

- 310 - Herbaceous Openland
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland

Dedicated & Proposed Special Conservation Area Map

Compartment 149
 T44N, R07W, Sec. 30
 T44N, R08W, Sec. 25, 26
 County: Mackinac
 Unit: Sault Ste Marie
 YOE: 2013
 Acres: 1,917 GIS Calculated
 Stand Examiner: Kristen Matson
 Map Revised: 8/09/2011
 Map Phase: Pre-Review

Stand #
 23
 Stacking
 Density
 (4120) - A7
 Level 3 OI
 Level 4 Code
 Cover Type Code



Legend

Miris Corners	Forest Stands
— Miris Corners	Level 3
Remonumented Section Corners	411 - Northern Hardwood
+ Remonumented Section Corners	413 - Aspen Types
sau149_survey_corners	414 - Other Upland Deciduous
◆ Survey Corners	419 - Mixed Upland Deciduous
Forest Stands	421 - Planted Pines
□ Stand Boundaries	431 - Upland Mixed Forest
Proposed Special Conservation Areas	612 - Lowland Coniferous Forest
▨ SCA - Special Conservation Area	613 - Lowland Mixed Forest
▩ SCA Removal	Non-Forest Stands
Dedicated Special Conservation Areas	Level 3
▲ Campgrounds	310 - Herbaceous Openland
Mineral Resource Points	500 - Water
× Mineral Resource Points	622 - Lowland Shrub
Deer Wintering Areas	623 - Emergent Wetland
■ Deer Wintering Areas	

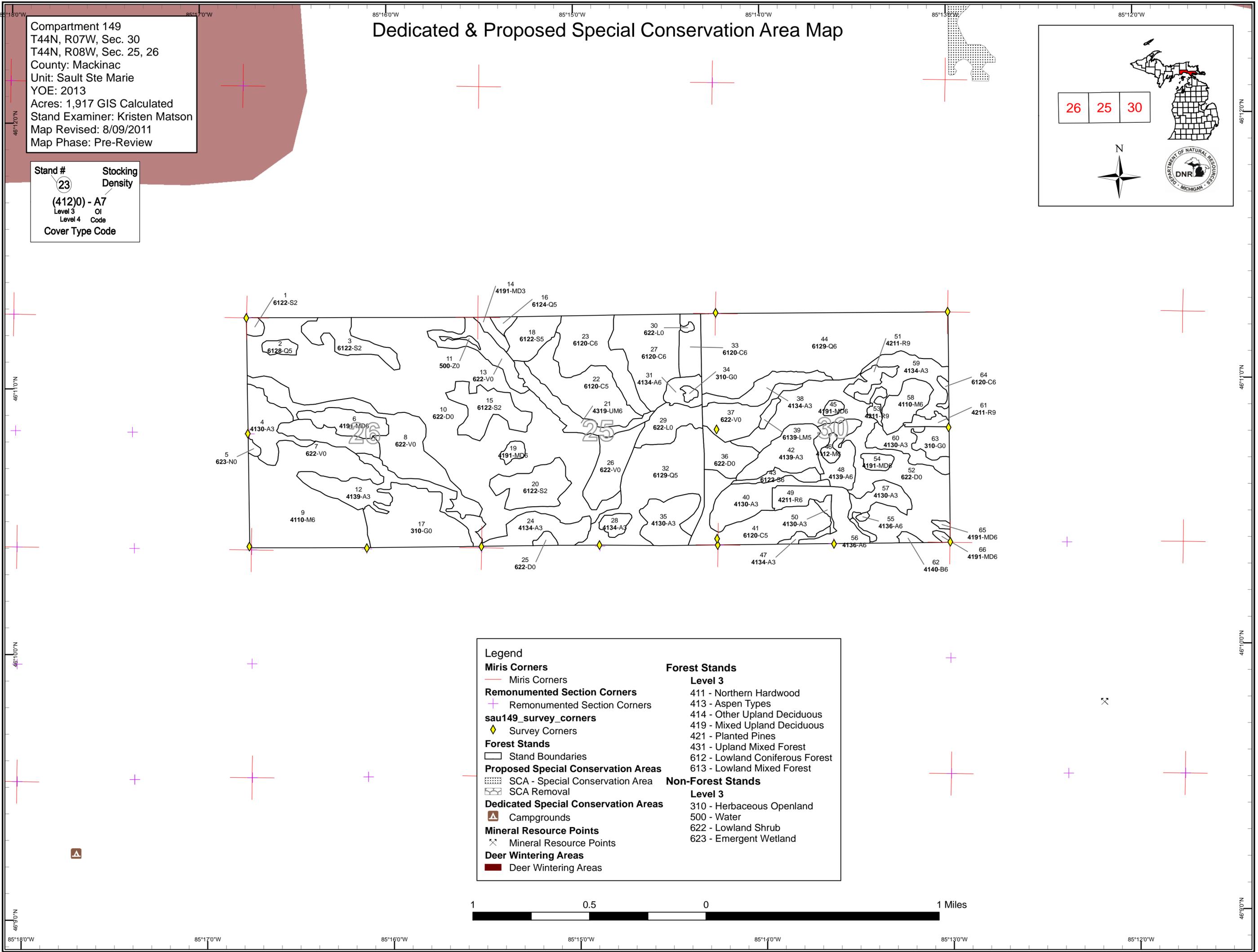
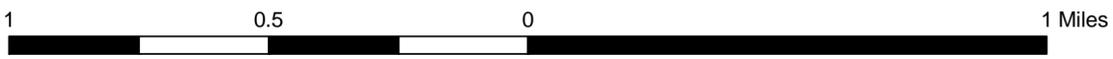


Table 1 – Total Acres by Cover Type and Age Class



	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	102	78	109	0	0	23	2	1	0	0	0	0	0	0	314
Bog	158	0	0	0	0	0	0	0	0	0	0	0	0	0	0	158
Cedar	0	0	0	0	0	0	0	0	155	68	0	0	0	0	0	223
Herbaceous Openland	71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	71
Lowland Conifers	0	0	0	0	0	0	0	9	256	0	0	0	0	0	0	265
Lowland Mixed Forest	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	3
Lowland Shrub	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22
Lowland Spruce/Fir	0	0	0	0	0	0	0	29	86	0	0	0	0	0	0	115
Marsh	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Mixed Upland Deciduous	0	0	0	5	0	0	0	0	11	25	0	0	0	0	0	41
Northern Hardwood	0	0	0	0	0	0	0	0	146	0	0	0	0	0	0	146
Paper Birch	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
Red Pine	0	0	0	0	0	30	0	0	18	0	0	0	0	0	0	48
Treed Bog	483	0	0	0	0	0	0	0	0	0	0	0	0	0	0	483
Upland Mixed Forest	0	0	0	23	0	0	0	0	0	0	0	0	0	0	0	23
Water	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	738	102	78	137	0	30	26	39	675	93	0	0	0	0	0	1917



Table 2 – Proposed Treatment Summaries

Sault Ste. Marie Mgt. Unit
Year of Entry 2013

Compartment 149
Total Compartment Acres: 1917

Acres by Treatment Type

Commercial Harvest - 200	Site Prep - 0	Tree Planting - 12	Prescribed Burn - 0	Other - 0
Habitat Cut - 0	Opening Maintenance - 69	Tree Seeding - 0	Pesticide - 0	

Cover Type by Harvest Method

	Clearcut	Selection	Seed Tree	Shelterwood	Thinning	Other - Specify	Total Acres
Aspen	23	0	0	0	0	0	23
Mixed Upland Deciduous	0	0	21	0	0	0	21
Northern Hardwood	0	126	0	0	0	0	126
Red Pine	0	0	0	0	30	0	30
Total	23	126	21	0	30	0	200



S t a n d	Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
6	45149006-Cut	20.8	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	80	Harvest	Seed Tree with Reserves	4191 - Mixed Upland Deciduous with Conifer	Cmpt. Review Proposal
<u>Prescription</u> Paper birch seed tree harvest. Harvest all trees, leaving scattered paper birch throughout - target residual BA 20-30. Leave super canopy									
<u>Specs:</u> (legacy) white pine throughout.									
<u>Other</u> Access stand from west across low, wet area. Winter or dry summer harvest.									
<u>Comments:</u>									
<u>Next</u> Follow up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is any mix of the species currently on site.									
<u>Steps:</u>									
9	45149009-Cut	122.6	4110 - Sugar Maple Association	High Density Pole	76	Harvest	Single Tree Selection	4110 - Sugar Maple Association	Cmpt. Review Proposal
<u>Prescription</u> Mark to apx. 80-90 BA, maintaining size and species diversity. BBD within the stand. Leave all cherry and some beech for wildlife.									
<u>Specs:</u> WLD: Also, leave some large wolfy trees, snags, and coarse woody debris. Retain existing species diversity.									
<u>Other</u>									
<u>Comments:</u>									
<u>Next</u> Follow up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is any mix of the species currently on site.									
<u>Steps:</u>									
46	45149046-Cut	3.7	4112 - Maple, Beech, Cherry Association	High Density Pole	75	Harvest	Single Tree Selection	4112 - Maple, Beech, Cherry Association	Cmpt. Review Proposal
<u>Prescription</u> Remove beech, leaving 3-5 healthy trees per acre for wildlife. Mark additional trees as needed to access beech. Leave paper birch and aspen									
<u>Specs:</u> unless it impedes access.									
<u>Other</u> This stand is a small hardwood area within an aspen stand. Aspen and birch left in this stand will function as retention for surrounding stand									
<u>Comments:</u> 48.									
<u>Next</u> Follow up treatment with a regeneration survey as per the work instructions. Acceptable regeneration includes any mix of species currently on									
<u>Steps:</u> site.									
48	45149048-Cut	22.9	4139 - Aspen, Mixed Deciduous	High Density Pole	57	Harvest	Clearcut with Reserves	4139 - Aspen, Mixed Deciduous	Cmpt. Review Proposal
<u>Prescription</u> Clearcut all species. Retention will be met by buffering the bog edge at least 50 feet in flatter areas, increasing up to 100 feet on steeper slopes.									
<u>Specs:</u> Additional retention will be in stand 46, which is within this stand.									
<u>Other</u> Trees should be felled away from the bog. After harvesting this stand, block the new road that was put into stand 42 during recent harvest.									
<u>Comments:</u>									
<u>Next</u> Plant oak under guidance of wildlife biologist.									
<u>Steps:</u> Follow up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is any mix of species currently on site.									
49	45149049-Cut	30.0	42110 - Planted Red Pine	High Density Pole	48	Harvest	Low Thinning	42110 - Planted Red Pine	Cmpt. Review Proposal
<u>Prescription</u> Second thinning in planted stand. Individual tree selection. Remove poor form & poor quality trees, release crowns. Target residual BA of 140.									
<u>Specs:</u> Retain trees other than red pine for diversity, if present.									
<u>Other</u>									
<u>Comments:</u>									
<u>Next</u> Examine in future entry years until ready for final harvest / regeneration.									
<u>Steps:</u>									

**Table 3 -- Treatments Prescribed
with No Limiting Factor**



S t a n d	Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
35	45149035- Plant	6.2	4130 - Aspen	High Density Sapling	6	Tree Planting	Hand Plant	4130 - Aspen	Cmpt. Review Proposal

Prescription Carry forward prescription agreed to at the 2003 review: plant oak, red pine, or white pine to help close the skid road within the stand.

Specs:

Other

Comments:

Next

Steps:

42	45149042- Plant	5.9	4139 - Aspen, Mixed Deciduous	High Density Sapling	7	Tree Planting	Hand Plant	4130 - Aspen	Cmpt. Review Proposal
----	--------------------	-----	----------------------------------	-------------------------	---	---------------	------------	--------------	--------------------------

Prescription Carry forward prescription agreed to at 2003 review: Plant oak, red, or white pine to block new road built for harvest.

Specs:

Other

To prevent trees from being driven over, berm the road when harvest in stand 48 is complete.

Comments:

Next

Steps:

17	NF_45149017- NonFor	57.3	Non-Forested		0	Non-Forest Management	Other - Specify	3102 - Grass	Cmpt. Review Proposal
----	------------------------	------	--------------	--	---	--------------------------	-----------------	--------------	--------------------------

Prescription Carry forward prescription agreed to at 2003 review: Remove planted scotch pine (less than 1 acre), scotch pine that are naturally seeding in, and any other invasive trees present. If possible remove merchantable trees through commercial sale.

Specs:

Other

Comments:

Next

Plant bigger oak, scattering throughout the opening. Monitor site for scotch pine seeding in.

Steps:

63	NF_45149063- NonFor	11.4	Non-Forested		0	Non-Forest Management	Other - Specify	3102 - Grass	Cmpt. Review Proposal
----	------------------------	------	--------------	--	---	--------------------------	-----------------	--------------	--------------------------

Prescription Opening maintenance. Remove jack pine seedlings and saplings. This stand continues into C134 s 15. Conduct opening maintenance in the portion of that stand adjacent to this compartment.

Specs:

Other

Comments:

Next

Steps:

**Total Treatment
Acreage Proposed: 280.6**

Table 4 -- Treatments Prescribed with a Limiting Factor



S
t
a
n
d

Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
----------------	-------	------------------	--------------	-----------	----------------	------------------	----------------------	-----------------

#Error

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
45158_OutOfYOE-Cut	2.5				Harvest	Single Tree Selection	4110 - Sugar Maple Association	Cmpt. Review Proposal
<p><u>Prescription:</u> Mark stand to 80 to 90 Basal Area. Retain some beech with the smooth bark and wildlife trees. Some larger canopy gaps may be desirable to enhance the advanced regeneration present.</p> <p><u>Other Comments:</u></p> <p><u>Next Steps:</u> Follow-up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is aspen, maple, cherry, beech, yellow and paper birch, ironwood, balsam fir, white spruce, black spruce and white pine.</p>								
NF_45134015-NonFor	4.7	Unspecified		0	Non-Forest Management	Patch or Strip Clearcut	31021 - Cool Season Grass	Cmpt. Review Proposal
<p><u>Prescription:</u> Treat with C149 s 63. Opening maintenance removing jack pine seedlings and saplings.</p> <p><u>Other Comments:</u></p> <p><u>Next Steps:</u></p>								
Total Treatment Acreage Proposed:		7.2						



Stand	Sault Ste. Marie Mgt. Unit		5 – Forested Stands			Compartment: 149 Year of Entry: 2013	
	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:	
1	6122 - Black Spruce	Medium Density	3.4	75		Low, wet ground. Very low SI. Slow growing spruce with some white pine, tamarack and cedar.	
2	6128 - Lowland Coniferous, Mixed Deciduous	Medium Density Pole	5.4	60		Small island within large treed bog.	
3	6122 - Black Spruce	Medium Density	22.8	75		Low, wet ground. Very low SI. Slow growing spruce with some white pine, tamarack and cedar.	
4	4130 - Aspen	High Density Sapling	27.0	27		Small (<1 ac) grass opening on road in center of stand. More conifers along bog edge.	
6	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	20.8	80	81-110	Paper birch with other species. Some birch dying. Dense understory of balsam fir. Must cross low, wet area to access stand.	
9	4110 - Sugar Maple Association	High Density Pole	122.6	76	111-140		
12	4139 - Aspen, Mixed Deciduous	High Density Sapling	41.9	17		Contains small grassy semi-open areas.	
14	4191 - Mixed Upland Deciduous with Conifer	High Density Sapling	5.0	27	1-50	Some residual trees from harvest. Narrow stand with ORV trail through center.	
15	6122 - Black Spruce	Medium Density	29.7	75		Low, wet ground. Very low SI. Slow growing spruce with some white pine, tamarack and cedar.	
16	6124 - Lowland Spruce- Fir	Medium Density Pole	3.3	65	1-50	Variable BA. Dense regeneration.	
18	6122 - Black Spruce	Medium Density Pole	21.0	68	1-50	Low, wet ground. Most trees less than 5" DBH.	
19	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	4.5	80	81-110	Small island of trees. Slightly higher ground than surrounding bog. Small area of blowdown. Some large diameter aspen starting to die.	
20	6122 - Black Spruce	Medium Density	30.1	75		Low, wet ground. Very low SI. Slow growing spruce with some white pine, tamarack and cedar.	
21	4319 - Mixed Upland Forest	High Density Pole	22.6	27	1-50	Some areas with residual trees from harvest. Narrow stand with ORV trail through center. Some areas of wet ground.	
22	6120 - Lowland Cedar	Medium Density Pole	50.8	81	51-80	Low, wet ground. Most trees non-merchantable. Variable BA.	
23	6120 - Lowland Cedar	High Density Pole	48.0	72	51-80	Low, wet ground. Variable BA (40-110). Many trees < 5" DBH.	

S t a n d	Sault Ste. Marie Mgt. Unit		5 – Forested Stands			Compartment: 149	General Comments:
	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Year of Entry: 2013	
24	4134 - Aspen, Spruce/Fir	High Density Sapling	26.5	15		More conifers near the bog edge. Small grass opening along the road (<1 ac).	
27	6120 - Lowland Cedar	High Density Pole	55.3	71	141-170	Cedar mainly 6-10" DBH, with widespread larger trees. Some small areas of blowdown. Cedar and balsam fir regeneration throughout.	
28	4134 - Aspen, Spruce/Fir	High Density Sapling	6.4	15			
31	4134 - Aspen, Spruce/Fir	High Density Pole	9.8	27	51-80	ORV trail through stand, and snowmobile trail along east side. Grassy opening within stand.	
32	6129 - Mixed Coniferous Lowland Forest	Medium Density Pole	78.6	78	1-50	Variable densities throughout. Most trees non-merchantable.	
33	6120 - Lowland Cedar	High Density Pole	15.0	80	171-200	Cedar generally 4-12" DBH, with some widespread larger diameter trees. Some small areas of blowdown.	
35	4130 - Aspen	High Density Sapling	26.5	6		Cut with sale #45-108-03-01.	
38	4134 - Aspen, Spruce/Fir	High Density Sapling	18.3	27	1-50	Some residual trees scattered throughout.	
39	6139 - Mixed Lowland Forest	Medium Density Pole	3.4	55	51-80	Small island in bog.	
40	4130 - Aspen	High Density Sapling	29.2	6		Cut with 45-108-03-01.	
41	6120 - Lowland Cedar	Medium Density Pole	51.6	70	1-50	Low, wet ground. Variable BA ranging from 10-70. Many trees non-merchantable.	
42	4139 - Aspen, Mixed Deciduous	High Density Sapling	31.3	7		Cut as part of Hazel Haven Sale 45-108-03-01.	
43	6122 - Black Spruce	High Density Pole	7.6	68	51-80	Low, wet ground.	
44	6129 - Mixed Coniferous Lowland Forest	High Density Pole	177.7	75	111-140		
45	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	2.8	72	81-110	Small island in bog.	
46	4112 - Maple, Beech, Cherry Association	High Density Pole	3.7	75	81-110		
47	4134 - Aspen, Spruce/Fir	High Density Sapling	3.4	27			



S t a n d	Sault Ste. Marie Mgt. Unit		5 – Forested Stands			Compartment: 149 Year of Entry: 2013	General Comments:
	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range		
48	4139 - Aspen, Mixed Deciduous	High Density Pole	22.9	57	81-110	Aspen with areas of hardwood mixed in.	
49	42110 - Planted Red Pine	High Density Pole	30.0	48	171-200	Previously row-thinned.	
50	4130 - Aspen	High Density Sapling	2.9	13			
51	42110 - Planted Red Pine	High Density Log	8.5	71	51-80	Thinned in 2006 under 45-123-04-01.	
53	42110 - Planted Red Pine	High Density Log	4.1	71	81-110	Thinned in 2006 with 45-123-04-01.	
54	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	5.4	72	81-110	Island in bog.	
55	4136 - Aspen, Mixed Conifer	High Density Pole	1.0	71	81-110	Retention area left when stand 57 was harvested.	
56	4136 - Aspen, Mixed Conifer	High Density Pole	1.6	67	51-80	Retention when stand 57 was cut.	
57	4130 - Aspen	High Density Sapling	14.6	6		Part of Hazel Haven Sale 45-108-03-01. Current stands 55 & 56 were left as retention areas when this was cut.	
58	4110 - Sugar Maple Association	High Density Pole	19.5	77	51-80	Recently thinned. ORV trail through the stand.	
59	4134 - Aspen, Spruce/Fir	High Density Sapling	32.3	27	1-50		
60	4130 - Aspen	High Density Sapling	18.6	27	1-50		
61	42110 - Planted Red Pine	High Density Log	5.0	71	81-110	Thinned in 2006.	
62	4140 - Other Upland Deciduous	High Density Pole	2.2	71		Continues into C148, stand 120. Treat with adjacent compartment.	
64	6120 - Lowland Cedar	High Density Pole	2.0	83	81-110	Small portion of stand 5 in adjacent compartment 134.	
65	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	1.3	71		Small island in bog.	
66	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	1.6	71		Small island in bog; continues into C134, stand 21. Harvest with adjacent compartment when/if possible.	





Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
5	6233 - Wet Meadow	1.8	No	Unspecified	
7	6225 - Bog	18.9	No	Unspecified	
8	6225 - Bog	62.9	No	Unspecified	Low, wet ground.
10	6224 - Treed Bog	340.5	No	Unspecified	Low, wet ground. Very low site index.
11	50 - Water	1.4	No	Unspecified	Small pond in bog.
13	6225 - Bog	23.1	No	Unspecified	Low, wet ground.
17	3102 - Grass	57.3	Yes	High (NonForested)	Small gravel pit in southeast. North part of stand is filling in with trees. Scattered cherry throughout. Several small (<1 ac) patches of trees. Prescribed last entry to remove planted scotch pine in west part of stand (apx 8 rows of 6" DBH trees). Contains a small area of planted chestnut.
25	6224 - Treed Bog	2.9	No	Unspecified	
26	6225 - Bog	28.5	No	Unspecified	Low, wet ground.
29	6220 - Alder/willow	21.0	No	Unspecified	
30	6229 - Mixed lowland shrub	1.1	No	Unspecified	
34	3105 - Mixed Upland Herbaceous	2.1	No	Unspecified	Small opening along the ORV trail.
36	6224 - Treed Bog	19.2	No	Unspecified	Low, wet ground. Many dead trees.
37	6225 - Bog	25.0	No	Unspecified	Low, wet ground. Scattered dead trees,
52	6224 - Treed Bog	120.8	No	Unspecified	
63	3102 - Grass	11.4	No	High (NonForested)	Scattered hawthorne, cherry, juneberry & hazel. Extends into next compartment.



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



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
--------------------------	-------------	--------------------
