



SAULT FOREST MANAGEMENT UNIT COMPARTMENT REVIEW PRESENTATION

COMPARTMENT # 150 ENTRY YEAR: 2014

Compartment Acreage: 1,850 County: Mackinac

Revision Date: 07/05/2012

Stand Examiner: Josh Brinks, Matt Edison

Legal Description: T44N R7W Section 19 and T44N R8W Sections 23 & 24

RMU: Mackinac Mix

Management Goals: The compartment is located two and one half miles north of Rexton along the Dinkey Line Road and Weasel Road. The compartment is composed of large areas of Cedar, mixed conifer swamp, lowland brush, marshes and tamarack stands. The rest of the compartment is composed of northern hardwoods, aspen, lowland poplar, red pine, and grassy openings. There are various age classes throughout the compartment with most of the aspen stands are 30 years and younger. Most of the northern hardwood stands were treated by a selection harvest in the recent past and are going to be held off for another 10 years. Since the cedar in this stand is not considered deer yard and very little deer sign was found in the area during the winter months a regeneration harvest is planned for a portion of the cedar accessed off of the Dinkey Line. The log size red pine plantation will be final harvested and the sapling size red pine will be monitored for forest health concerns. A transitional stand from upland to lowland cedar will have a regeneration harvest done to promote swamp conifer regeneration; the cedar component will be left in the stand.

Soil and Topography: The upland to lowland soils are primarily Paquin sand, Paquin-Spot complex, Adams sandy loam, Paquin-Finch complex, Pullup sand, Finch sand and Markey-Spot-Finch complex. The lowland soils are primarily Markey and Carbondale mucks, and Dawson and Loxley peats with the pond areas are Histosols and Aquants. The topography is level with some rolling terrain with some ridges out in the lowland areas.

Ownership Patterns, Development, and Land Use in and Around the Compartment: The compartment contains a private 80 on the north west side of Section 19. The rest of the compartment is in state ownership along with adjoin sections except of a private 40 within the center of section 27 south west of Section 23.

Unique, Natural Features: There is a potential for Red Shouldered Hawks and Goshawks in the hardwood and aspen stands in the compartment. There is a potential for many plants and animal species to be present in the mesic and wetland types and in the ecotone between the hardwood and cedar types.

Archeological, Historical, and Cultural Features: No features found.

Special Management Designations or Considerations: Swamp conifer stands should be harvested in winter or dry summer because of wet ground. A known hawk nest in an adjacent compartment is limiting access for harvest to stands located in this compartment.

Watershed and Fisheries Considerations: Fisheries Values: Minimal

Fisheries Concerns: The very immediate headwaters of the West Branch Hendrie River, which may contain brook trout, begin in the northeastern portion of this compartment. No prescribed treatments are scheduled near the stream, so Fisheries has no concerns at this time.

Wildlife Habitat Considerations: Compartment 150 is located within the Mackinac Mix Management Area. It is dominated by cedar and other lowland conifer swamp. The western edge contains mixed types including hardwoods, aspen, upland and lowland mixed stands, and red pine. A few wetlands are also located on the west side, providing some habitat for wetland wildlife.

Wildlife objectives in this compartment include maintaining the integrity of the cedar and other lowland conifer habitat, protecting wetland areas, encouraging diversity on the western side, and maintaining the remoteness of much of the compartment. Species benefitting from management include white-tailed deer, black bear, snowshoe hare, bobcat, beaver, ruffed grouse, and numerous migratory birds.

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. There is insufficient data to determine the glacial drift thickness. The Silurian Manistique and Burnt Bluff Groups subcrop below the glacial drift. The Burnt Bluff was quarried for stone two miles to the east at Fibron Quarry. The nearest gravel pit is located one mile to the south. There maybe limited gravel potential in the west part of the compartment, if not under water. There is no economic oil and gas production in the UP.

Vehicle Access: The access within the compartment is limited to the Weasel Road, Dinkey Line Road or a poor two track off the Dollar Lake Road. The Weasel Road is accessed off the Giddings Truck Trail and the Dinkey Line Road. The Weasel Road is a poor dirt road with some holes from the Giddings Road and south of the compartment to the Dinkey Line Road is very poor and impassable. The Dinkey Line Road is a county maintained with potential for large water holes in the spring and can be impassable at times. The two track west off the Weasel Road has grown in and is impassable with a full size vehicle. The old ice road run north and south through the center of Section 24 is completely grown in and is difficult to distinguish on the ground. The north east corner of the compartment can be access from a two track that runs down toward the corner of the compartment then a four wheeler trail crosses the creek and runs into the compartment.

Survey Needs: The private 80 in Section 19 will need the east line run to complete the boundary line for the timber sale. No legal access and very wet conditions to place a road to the stand make the priority low to have survey lines and corners.

Recreational Facilities and Opportunities: No recreational facilities are located in the compartment. The recreational uses of the compartment are hunting, trapping, sightseeing, and ORV and snowmobile riding. The ORV trails run along and on the Weasel Road throughout Section 23.

Fire Protection: The compartment has a low fire potential with mostly lowland across the compartment. The red pine plantations on the west side of the compartment have a moderate potential. The access is good to the west portion of section 23. There is no good access to Sections 19 and 24 except for the Dinkey Line. The lowland soils have the potential for ground fire which complicated by the poor access would make it difficult to extinguish if there were a start in Sections 19 or 24.

Additional Compartment Information: None.

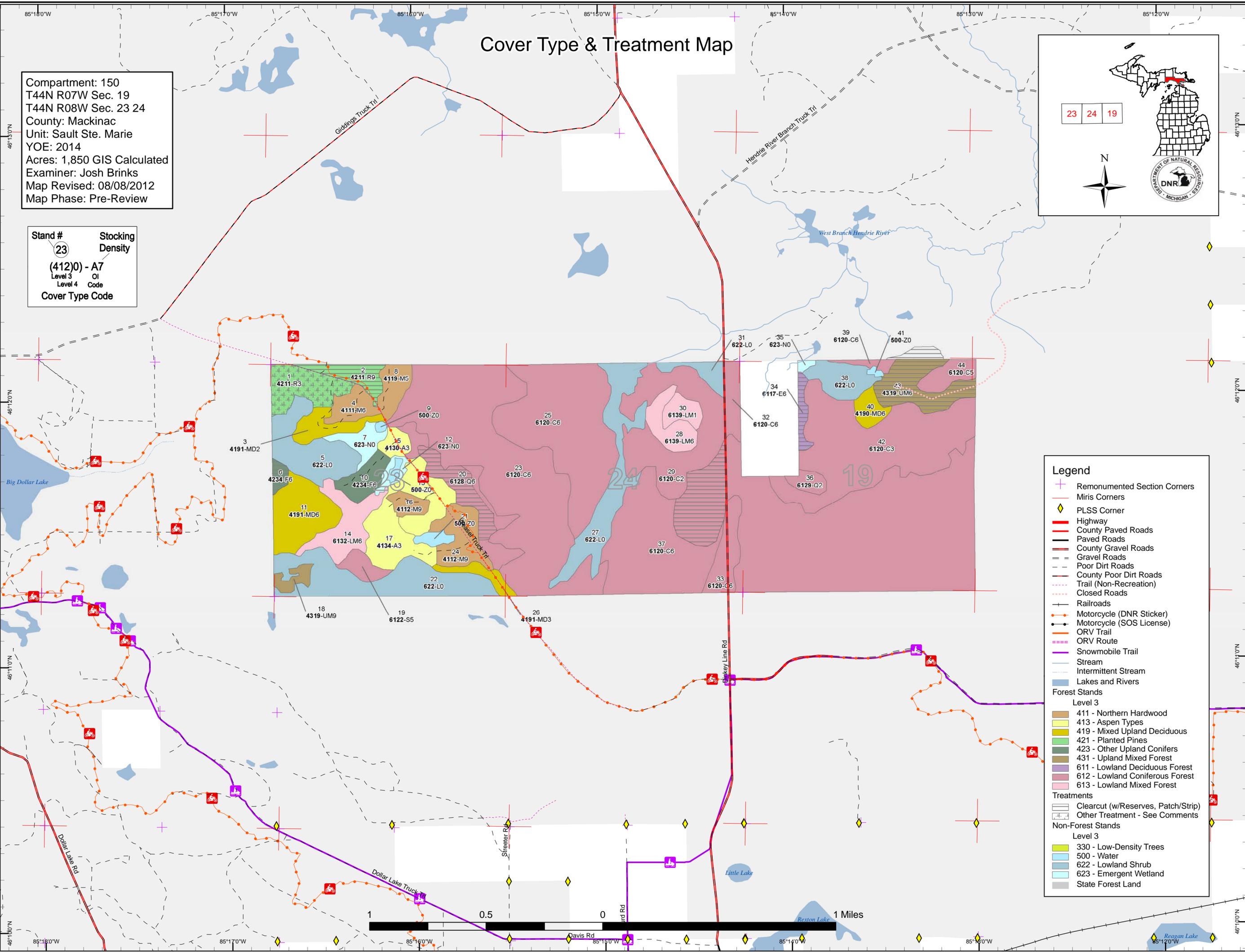
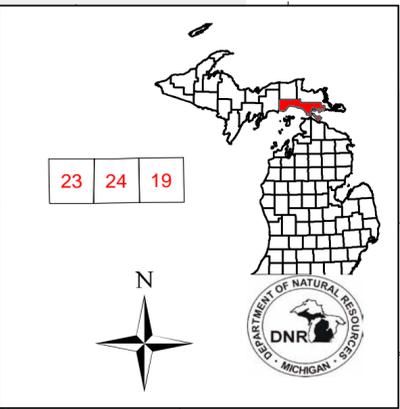
- **Cover Type details, Proposed Treatments, and Stand listings are listed in the attached reports:**
 - ◆ **Proposed Treatments – No Limiting Factors**
 - ◆ **Proposed Treatments – With Limiting Factors**

- ◆ **Stand Listing – Forested**
 - ◆ **Stand Listing – Non Forested**
 - ◆ **Special Conservation Area (SCA) Details**
- **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**
 - ◆ **SCA – Special Conservation Areas**

Cover Type & Treatment Map

Compartment: 150
 T44N R07W Sec. 19
 T44N R08W Sec. 23 24
 County: Mackinac
 Unit: Sault Ste. Marie
 YOY: 2014
 Acres: 1,850 GIS Calculated
 Examiner: Josh Brinks
 Map Revised: 08/08/2012
 Map Phase: Pre-Review

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



Legend

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

Forest Stands

Level 3

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

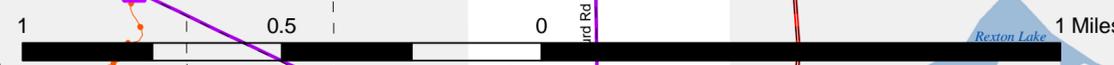
Treatments

- Clearcut (w/Reserves, Patch/Strip)
- Other Treatment - See Comments

Non-Forest Stands

Level 3

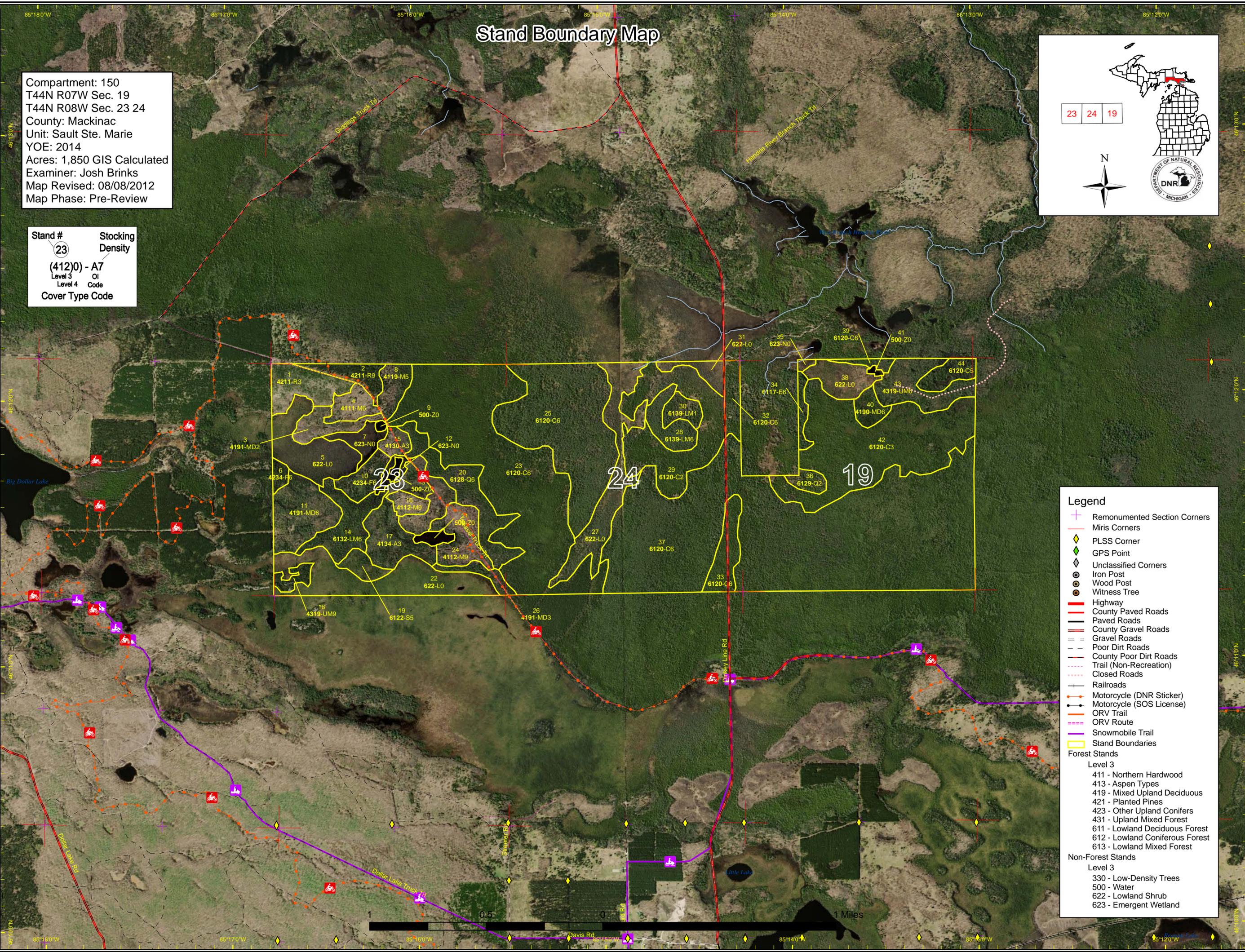
- 330 - Low-Density Trees
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland
- State Forest Land



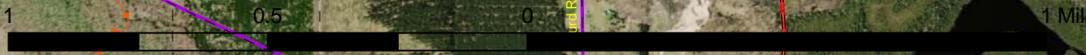
Stand Boundary Map

Compartment: 150
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 T44N R08W Sec. 23 24
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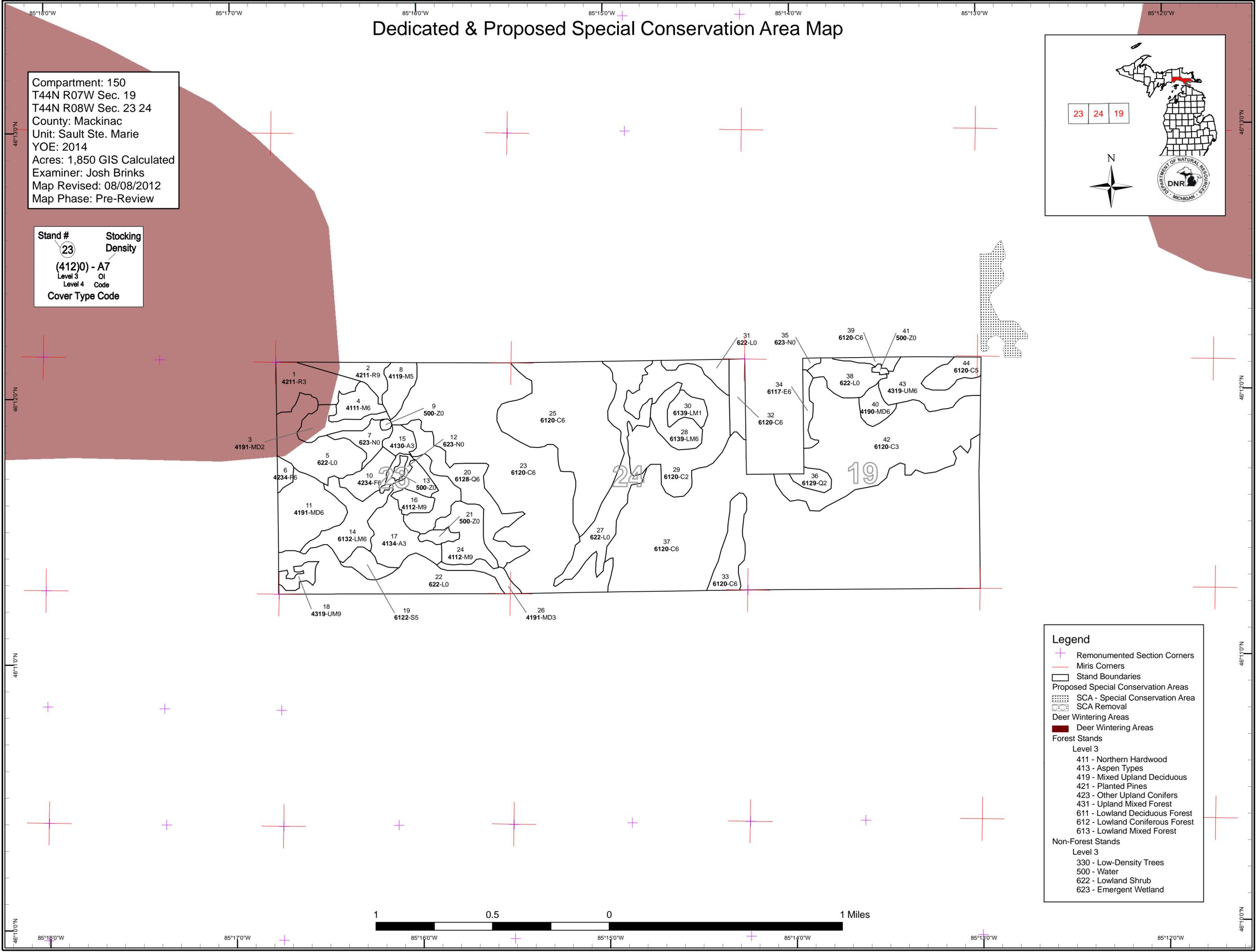
- Legend**
- ✚ Remonumented Section Corners
 - ✚ Miris Corners
 - ◆ PLSS Corner
 - ◆ GPS Point
 - ◆ Unclassified Corners
 - Iron Post
 - Wood Post
 - Witness Tree
 - Highway
 - County Paved Roads
 - Paved Roads
 - County Gravel Roads
 - Gravel Roads
 - Poor Dirt Roads
 - County Poor Dirt Roads
 - Trail (Non-Recreation)
 - Closed Roads
 - Railroads
 - Motorcycle (DNR Sticker)
 - Motorcycle (SOS License)
 - ORV Trail
 - ORV Route
 - Snowmobile Trail
 - Stand Boundaries
- Forest Stands**
- Level 3
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- Non-Forest Stands**
- Level 3
 - 330 - Low-Density Trees
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Dedicated & Proposed Special Conservation Area Map

Compartment: 150
 T44N R07W Sec. 19
 T44N R08W Sec. 23 24
 County: Mackinac
 Unit: Sault Ste. Marie
 YOE: 2014
 Acres: 1,850 GIS Calculated
 Examiner: Josh Brinks
 Map Revised: 08/08/2012
 Map Phase: Pre-Review

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



Legend

- ✚ Remonumented Section Corners
- ✚ Miris Corners
- ▭ Stand Boundaries
- Proposed Special Conservation Areas
- ▨ SCA - Special Conservation Area
- ▨ SCA Removal
- Deer Wintering Areas
- Deer Wintering Areas
- Forest Stands
- Level 3
- 411 - Northern Hardwood
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
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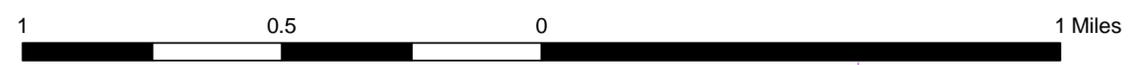


Table 1 – Total Acres by Cover Type and Age Class



	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	0	28	0	43	0	0	0	0	0	0	0	0	0	0	70
Cedar	0	0	0	0	0	0	0	0	43	394	0	464	239	0	1140
Lowland Conifers	0	0	0	0	0	0	46	0	8	0	0	0	0	0	54
Lowland Deciduous	0	0	0	0	0	0	0	0	7	0	0	0	0	0	7
Lowland Mixed Forest	0	0	0	0	0	0	0	0	11	53	0	0	0	0	65
Lowland Shrub	211	0	0	0	0	0	0	0	0	0	0	0	0	0	211
Lowland Spruce/Fir	0	0	0	0	11	0	0	0	0	0	0	0	0	0	11
Marsh	19	0	0	0	0	0	0	0	0	0	0	0	0	0	19
Mixed Upland Deciduous	0	18	10	44	0	0	11	0	0	0	0	0	0	0	82
Northern Hardwood	0	0	0	0	0	0	16	15	38	0	0	0	0	0	68
Red Pine	0	31	0	0	0	0	0	16	0	0	0	0	0	0	47
Upland Mixed Forest	0	0	0	0	0	0	37	0	0	0	8	0	0	0	45
Upland Spruce/Fir	0	0	0	17	0	0	0	0	5	0	0	0	0	0	22
Water	10	0	0	0	0	0	0	0	0	0	0	0	0	0	10
Total	240	76	10	103	11	0	109	31	113	447	8	464	239	0	1850



Table 2 – Proposed Treatment Summaries

Sault Ste. Marie Mgt. Unit
Year of Entry 2014

Compartment 150
Total Compartment Acres: 1850

Acres by Treatment Type

Commercial Harvest - 132	Site Prep - 0	Tree Planting - 0	Prescribed Burn - 0	Other - 31
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
Cedar	42	0	0	0	0	0	0	42
Lowland Conifers	24	0	0	0	0	0	0	24
Lowland Deciduous	7	0	0	0	0	0	0	7
Red Pine	16	0	0	0	0	0	0	16
Upland Mixed Forest	37	0	0	0	0	0	0	37
Upland Spruce/Fir	5	0	0	0	0	0	0	5
Total	132	0	0	0	0	0	0	132



Stand	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
2	45150002-Cut	16.1	42110 - Planted Red Pine	High Density Log	75	141-170	Harvest	Clearcut	42110 - Planted Red Pine	Cmpt. Review Proposal
<p><u>Prescription</u> Clearcut stand with retention of live trees on the edges of the treatment. Standing trees within the stand after harvest create a hazard for aerial spraying of the stand for release and pest management so all retention must be along the edges.</p> <p><u>Specs:</u></p> <p><u>Other</u> Harvest with stand 68 in Comp 155 in 2019 YOE.</p> <p><u>Comments:</u></p> <p><u>Next</u> After harvest treatment is completed, the stand may be prescribed burned if necessary for site prep depending on amount of slash left on site.</p> <p><u>Steps:</u> Trenching and hand planting of red pine seedling to acceptable regeneration levels will need to be completed within 2 years of the Timber Cutting Report date. After establishment of red pine regeneration, regeneration surveys need to be scheduled for 1 year and 3 years for monitoring of regeneration. Release as necessary determined by TMS.</p> <p><u>Proposed</u></p> <p><u>Start Date:</u> 10/01/2018</p>										
6	45150006-Cut	5.0	42340 - Upland Spruce/Fir	High Density Pole	86		Harvest	Clearcut with Reserves	42340 - Upland Spruce/Fir	Cmpt. Review Proposal
<p><u>Prescription</u> Cut all deciduous 2" or more and conifer 4" or more. Leave all cedar and scattered paper birch.</p> <p><u>Specs:</u></p> <p><u>Other</u> Cut with Old Faithful Red Pine sale.</p> <p><u>Comments:</u></p> <p><u>Next</u> Follow-up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is aspen, maple, cherry, cedar, yellow and paper birch, balsam fir, white spruce, black spruce and white pine.</p> <p><u>Steps:</u></p> <p><u>Proposed</u></p> <p><u>Start Date:</u> 10/01/2011</p>										
20	45150020-Cut	24.1	6128 - Lowland Coniferous, Mixed Deciduous	High Density Pole	62		Harvest	Clearcut with Reserves	6128 - Lowland Coniferous, Mixed Deciduous	Cmpt. Review Proposal
<p><u>Prescription</u> Cut all deciduous 2" or more and conifer 4" or more. Leave a representative, healthy, mature tree spaced every 75ft (this will leave 8 trees per acre). Stay out of patches of thick cedar, do not cut hemlock unless it is required for operation.</p> <p><u>Specs:</u></p> <p><u>Other</u> The treatment area would vary in this stand depending on what it looks like while running the line. Attempt to follow stand boundary as much as possible.</p> <p><u>Comments:</u></p> <p><u>Next</u> Follow-up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is aspen, maple, cherry, cedar, yellow and paper birch, balsam fir, white spruce, black and spruce.</p> <p><u>Steps:</u></p> <p><u>Proposed</u></p> <p><u>Start Date:</u> 10/01/2013</p>										
37	45150037-Cut	42.4	6120 - Lowland Cedar	High Density Pole	118		Harvest	Clearcut with Reserves	6129 - Mixed Coniferous Lowland Forest	Cmpt. Review Proposal
<p><u>Prescription</u> Cut cedar in strips 1-2 chains in width alternating between clearcut and shelterwood. In the clearcut strips, cut all deciduous 2" or more and conifer 4" or more. In the shelterwood strips leave a basal area of 60 square feet per acre of uniformly spaced dominant and codominant cedars for seed trees. Full tree skidding in winter is recommended if residual trees will be relied on for reproduction. Harvest in a frozen winter or dry summer. Acceptable regeneration will include cedar in the same representation as currently exists with the goal that the stand regenerates to a similar condition the future. 20 acre maximum harvest.</p> <p><u>Specs:</u></p> <p><u>Other</u> The treatment area would vary in this stand depending on what it looks like while running the line.</p> <p><u>Comments:</u></p> <p><u>Next</u> Follow-up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is species currently on site: CEDAR, spruce, balsam fir, tamarack and pine.</p> <p><u>Steps:</u></p> <p><u>Proposed</u></p> <p><u>Start Date:</u> 10/01/2013</p>										

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

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	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
1	45150001- Other	30.8	42110 - Planted Red Pine	High Density Sapling	12		Other	Unspecified	42110 - Planted Red Pine	Cmpt. Review Proposal

Prescription: Monitor for RHPS or other pests

Specs:

Other:

Comments:

Next Steps: Monitor for RHPS and if monitoring shows that treatment is recommended, then spray when/if necessary with appropriate insecticide recommended by Forest Health Specialist/TMS.

Proposed

Start Date: Unspecified

**Total Treatment
Acreage Proposed: 118.4**

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Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
34 45150034-Cut	7.4	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	87		Harvest	Clearcut with Reserves	6117 - Lowland Deciduous, Mixed Coniferous	Cmpt. Review Proposal

Prescription Specs: Cut all deciduous 2" or more and conifer 4" or more. Leave all white pine and scattered paper birch. Follow retention guidelines. Leave cedar and hemlock if present.

Other Comment: Access is blocked by private.

Next Steps: Follow-up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is aspen, maple, cedar, yellow and paper birch, balsam fir, white spruce, black spruce and white pine.

Proposed Start Date: 10/01/2013

Limiting Factor and No Treatment Reason 2B: Unknown if access through adjacent landowner(s) is possible

43 45150043-Cut	37.2	4319 - Mixed Upland Forest	High Density Pole	64	171-200	Harvest	Clearcut with Reserves	4115 - Y.Birch, Hemlock NH	Cmpt. Review Proposal
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Prescription Specs: Clear Cut the stand leaving all white pine, hemlock, cedar and yellow birch. Also, leave one healthy, mature red maple, black cherry, spruce, fir, paper birch or sugar maple in order to retain a representation of the stand.

Other Comment: cut with adjacent compartment.

Next Steps: Check for regeneration in 4-5 years. Acceptable regeneration will include red maple, yellow birch, hemlock, white pine, black cherry, sugar maple, aspen, ash, beech, and balsam fir.

Proposed Start Date: 10/01/2011

Limiting Factor and No Treatment Reason 3B: Threatened, endangered, and special concern species/communities

Total Treatment Acreage Proposed: 44.6

**Out of YOE -- Treatments
Prescribed with No Limiting Factor**

Year of Entry: 2014



Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
45104_OutOfY OE-Cut	19.8					Harvest	Crown Thinning	42110 - Planted Red Pine	Cmpt. Review Proposal
<u>Prescription</u> Thin to around 120 Basal Area. Leave species diversity within the stand were present.									
<u>Specs:</u>									
<u>Other</u> This was a buffer left along the creek from a sale called Golden Eagle.									
<u>Comments:</u>									
<u>Next</u>									
<u>Steps:</u>									
<u>Proposed</u>									
<u>Start Date:</u> 10/01/2013									
45152062-Cut	5.5	4115 - Y.Birch, Hemlock NH	High Density Log	76		Harvest	Clearcut with Reserves	4115 - Y.Birch, Hemlock NH	Cmpt. Review Proposal
<u>Prescription</u> Clear Cut the stand leaving all white pine, hemlock, cedar and yellow birch. Also, leave one healthy, mature red maple, black cherry, spruce, fir, paper birch or sugar maple in order to retain a representation of the stand.									
<u>Specs:</u>									
<u>Other</u> cut with adjacent compartment.									
<u>Comments:</u>									
<u>Next</u> Check for regeneration in 4-5 years. Acceptable regeneration will include red maple, yellow birch, hemlock, white pine, black cherry, sugar									
<u>Steps:</u> maple, aspen, ash, beech, and balsam fir.									
<u>Proposed</u>									
<u>Start Date:</u> 10/01/2011									
45157_OutOfY OE-Cut	0.7					Harvest	Low Thinning	42110 - Planted Red Pine	Cmpt. Review Proposal
<u>Prescription</u> Thin to around 120 Basal Area. Leave species diversity within the stand where present.									
<u>Specs:</u>									
<u>Other</u> cut with stand 1 in comp 158.									
<u>Comments:</u>									
<u>Next</u>									
<u>Steps:</u>									
<u>Proposed</u>									
<u>Start Date:</u> 10/01/2013									
45195_OutOfY OE-Cut	27.3					Harvest	Single Tree Selection	4111 - S.Maple, Hard Mast Association	Cmpt. Review Proposal
<u>Prescription</u> Cut all of the beech in the stand. Mark 2-3 beech to leave when cruising.									
<u>Specs:</u>									
<u>Other</u> Beech bark disease is affecting the beech within this stand.									
<u>Comments:</u>									
<u>Next</u> Follow-up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is aspen, maple, cherry, beech, yellow and									
<u>Steps:</u> paper birch, ironwood, balsam fir, white spruce and white pine.									
<u>Proposed</u>									
<u>Start Date:</u> 10/01/2013									
45202_OutOfY OE-Cut	449.6					Harvest	Single Tree Selection	4111 - S.Maple, Hard Mast Association	Cmpt. Review Proposal
<u>Prescription</u> Cut all beech in the stand. While cruising mark 2-3 beech per acre to leave.									
<u>Specs:</u>									
<u>Other</u> Beech bark disease is present in the stand.									
<u>Comments:</u>									
<u>Next</u> Follow-up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is aspen, maple, cherry, beech, yellow and									
<u>Steps:</u> paper birch, ironwood, balsam fir, white spruce and white pine.									
<u>Proposed</u>									
<u>Start Date:</u> 10/01/2012									

Out of YOE -- Treatments
Prescribed with No Limiting Factor

Year of Entry: 2014



Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
Total Treatment Acreage Proposed:		502.9							

S t a n d	Sault Ste. Marie Mgt. Unit		5 – Forested Stands			Compartment: 150	General Comments:
	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Year of Entry: 2014	
1	42110 - Planted Red Pine	High Density Sapling	30.8	12			Sapling red pine stand that has some black cherry and jack pine mixed in. Grasses and spotted knapweed are growing on the forest floor. Stand was planted in 2000.
2	42110 - Planted Red Pine	High Density Log	16.1	75	141-170		Good quality red pine stand that is ready to be cut. Trees have clear boles with the potential for poles. Little underbrush in the stand.
3	4191 - Mixed Upland Deciduous with Conifer	Medium Density	17.7	14			Poor quality brush/sapling stand with lots of cherry. Low potential stand with varying density.
4	4111 - S.Maple, Hard Mast Association	High Density Pole	15.0	73	81-110		Pole size hardwood stand with some scattered logs. The stand contains scattered clumps of pole size yellow birch and scattered super canopy white pine. Lots of underbrush in the stand.
6	42340 - Upland Spruce/Fir	High Density Pole	5.0	86			A mixed stand of spruce and balsam with scattered hardwoods and cedar. Stand is ready to be cut and will be added to Old Faithful Pine.
8	4119 - Mixed Northern Hardwoods	Medium Density Pole	15.5	66	51-80		Pole size, poor quality hardwood stand with low basal area. Stand has lots of hardwood whips and a large component of conifer regen. Te stand also contains some scattered large red pine along the road. Stand was cut in 2006.
10	42340 - Upland Spruce/Fir	High Density Pole	16.8	30			Typical Mackinac Mix stand taht was cut in 1982. Stand contains some larger pole size trees with a thick sapling size understory. Look at it again in 10 years to see if the larger trees will hold.
11	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	43.7	30			Young Mackinac mix stand with lots of aspen, cherry and conifer regeneration. Looks like some of the stand may be ready in 10 years.
14	6132 - Mixed Lowland Forest with Cedar	High Density Pole	33.3	91			This stand is a mix of cedar with other conifers and some hardwoods. Stand contains areas of lowland with tag alder growing in it.
15	4130 - Aspen	High Density Sapling	27.9	14			Young aspen stand with good aspen regen along with a decent amount of black cherry regen and scattered conifer. This stand was cut in 1998.
16	4112 - Maple, Beech, Cherry Association	High Density Log	8.7	81	81-110		Decent hardwood stand that looks to have been thinned. The basal area is clumpy . Stand has thick underbrush.
17	4134 - Aspen, Spruce/Fir	High Density Sapling	42.5	30			Young aspen stand with conifers mixed in that is very variable. Patches of thick conifers.Stand was cut in 1982.
18	4319 - Mixed Upland Forest	High Density Log	7.5	107			
19	6122 - Black Spruce	Medium Density Pole	10.6	46			





Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
20	6128 - Lowland Coniferous, Mixed Deciduous	High Density Pole	45.5	62		This is a lowland stand that is ready to be cut. There is easy access to this stand off of the Weasle Road. The stand contains a cedar component which is patchy. There was very very little deer sign in the stand in late January. The treatment area would vary in this stand depending on what it looks like while running the line.
23	6120 - Lowland Cedar	High Density Pole	240.1	96		Large stand of dense cedar with DBH in the 3"-5" range.
24	4112 - Maple, Beech, Cherry Association	High Density Log	29.1	80	81-110	Nice log sized maple stand that is borderline for cutting. Stand has a few scattered Hemlocks. The stand gets kind of wet along the east boundary. Check again in 10 years.
25	6120 - Lowland Cedar	High Density Pole	139.8	96		Did not visit this stand due to access. Information was taken from previous inventory
26	4191 - Mixed Upland Deciduous with Conifer	High Density Sapling	9.7	28		Young poor quality hardwood stand. Stand shows little potential. Should be treated with adjacent aspen stand when the time comes. Stand was cut in 1984.
28	6139 - Mixed Lowland Forest	High Density Pole	19.8	98		
29	6120 - Lowland Cedar	Medium Density	84.2	120		Sapling size cedar stand that is wet. Very little sign of deer in the area. Stand has a spattering of spruce, paper birch and tamarack.
30	6139 - Mixed Lowland Forest	Low Density Sapling	11.4	82		Forested lowland stand with mixed conifer and tag alder.
32	6120 - Lowland Cedar	High Density Pole	14.4	92		Pole sized cedar stand with a significant component of mixed conifer species. This stand is drier than the stand on the opposite side of the road. There are a few scattered super canopy white pine.
33	6120 - Lowland Cedar	High Density Pole	23.7	85		This stand is almost purely cedar with very little amounts of other species present. Low deer activity in the area for mid-winter in a cedar stand.
34	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	7.4	87		A stand of mixed hardwoods and mixed softwoods. May be a option for harvesting if we can find good access, (the private land next to it is for sale).
36	6129 - Mixed Coniferous Lowland Forest	Medium Density	8.0	82		Lowland area that is predominately cedar with a mix of other conifers. Tag alder is growing in areas without a conifer canopy.
37	6120 - Lowland Cedar	High Density Pole	463.5	118		Pole sized cedar stand that has tamarack and balsam fir mixed in. Some areas have a large component of tamarack That could be harvested in a dry summer or during the winter. The stand did now show signs of heavy deer usage and is not part of a deer yard.

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Sault Ste. Marie Mgt. Unit

5 – Forested Stands

Compartment: 150
Year of Entry: 2014

	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
39	6120 - Lowland Cedar	High Density Pole	5.1	87		Very wet stand that is mostly cedar.
40	4190 - Mixed Upland Deciduous with Cedar	High Density Pole	10.8	68		This stand is on a dry ridge where the maple and hardwoods dominate then as you drop off the sides cedar becomes the more dominate species.
42	6120 - Lowland Cedar	High Density Sapling	154.3	120		
43	4319 - Mixed Upland Forest	High Density Pole	37.2	64	171-200	Very mixed stand with some super canopy white pine. Poor quality hardwood stand that has great wildlife potential with areas of hemlock and yellow birch. Treat with a seed tree to improve habitat potential. Stand has a fair amount of conifer regeneration.
44	6120 - Lowland Cedar	Medium Density Pole	14.5	84		Cedar lowland area with tag alder growing in the openings.



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
5	622 - Lowland Shrub	46.3	N/A	Unspecified	
7	623 - Emergent Wetland	12.8	N/A	Unspecified	
9	50 - Water	1.2	N/A	Unspecified	
12	623 - Emergent Wetland	4.8	N/A	Unspecified	
13	50 - Water	2.4	N/A	Unspecified	
21	50 - Water	5.1	N/A	Unspecified	
22	622 - Lowland Shrub	71.5	N/A	Unspecified	
27	6229 - Mixed lowland shrub	59.3	No	Lowland Mixed Forest	
31	622 - Lowland Shrub	11.2	N/A	Unspecified	
35	623 - Emergent Wetland	1.9	N/A	Unspecified	
38	622 - Lowland Shrub	22.6	N/A	Unspecified	
41	50 - Water	1.3	N/A	Unspecified	



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
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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.