

Sault Forest Management Unit Compartment Review Presentation

Compartment #185 Entry Year: 2013
Compartment Acreage: 1,648 County: Mackinac

Revision Date: July 21, 2011

Stand Examiner: Matthew Edison

Legal Description: T43N R12W SECTIONS 4, 5 & 6

T44N R12W SECTIONS 31 & 32

RMU (if applicable): Milakokia Lakes

Management Goals: This compartment is located approximately 5 miles southwest of Curtis. Aspen/spruce/fir mix (both upland and lowland) is the primary component of the compartment, with several hardwood stands scattered throughout. Good age class diversity exists within the aspen component. Aspen cutting has taken place every decade since the mid-1960's. Continued cutting of the mature to over-mature stands is recommended to assure adequate regeneration, and continued age class diversity. Last entry several timber sales were completed and one not completed. The uncompleted treatments will be carried over to this entry. The hardwood stands are in need of management to promote health and growth. Access problems exist within parts of the compartment. Access to stands south of Meade Creek (in T44N R12W Section 31, and T43N R12W Sections 5 & 6) is limited to corporate land access/easement through the old Blaney property. Access to Section 4 has been limited to crossing private property to the east.

Soil and Topography: Level lowlands to rolling uplands. Uplands consist primarily of Greylock-Adams complex, Adams sandy loam and Graveraet fine sandy loam. Minor associates include Paquin sand, Springlake loamy coarse sand, Guardlake fine sandy loam, Solona loam, and Kalkaska sand. Lowlands are primarily Markey and Carbondale mucks, but includes some Angelica muck.

Ownership Patterns, Development, and Land Use in and Around the Compartment: There are three private in-holdings within Section 31 (two 40-acre parcels and one 80-acre parcel). State lands abut to the north of Section 32, and to the south of Section 4. The rest of the compartment is either split by, or is surrounded by, private lands. Most of the private lands are owned by larger landowners.

Unique, Natural Features: Meade Creek runs through the compartment, with small seeps and tributaries entering it. Poison ivy was found during inventory. Apple trees scattered mainly along the old grades. Possible eagle and osprey nests located to the east of the compartment. A Heron Rookery is located to the south of the compartment.

Archeological, Historical, and Cultural Features: Old homesteads are located in the adjacent private lands (Johnson homestead and Hempfield homestead). History of old logging railroads is evident, with Bryan Grade the predominant grade in the area. Old logging camp remnants present.

Special Management Designations or Considerations: Harvesting operations within some stands may have to take place in the winter. Access to some of these stands is via the snowmobile trail. The trail will be properly signed and a snow base left. BMP guidelines will be adhered to along Meade Creek.

Watershed and Fisheries Considerations: Fisheries Values

Marginal. Meade Creek is classified as SQWW. There will be little of fishery benefit produced from this stream. Even so, it will produce aquatic insects to migrate downstream during their life cycles, and possibly forage minnows that can migrate downstream as well.

Wildlife Habitat Considerations: This compartment is located west of South Manistique Lake. It contains a mix of aspen, northern hardwoods, and lowland conifers as well as marsh and other wetland types. Many aspen stands are young, although a few mature stands remain. Mead Creek angles through the compartment from northwest to southeast. The entire compartment lies within deer yard.

Management for wildlife will include maintaining early successional habitat for ruffed grouse, American woodcock, white-tailed deer, snowshoe hare, and other species. Aspen will continue to be managed for age class diversity across stands. Timber harvests will occur during the winter months to provide an additional source of browse to deer during the critical winter months. Hardwoods will be managed to maintain or enhance stand diversity. Snags and coarse woody debris will be left for cavity nesters.

Mineral Resource and Development Concerns and/or Restrictions: Surface sediments consist of coarse-textured glacial till. The glacial drift thickness varies between 50 and 100 feet. The Silurian Burnt Bluff Group subcrops below the glacial drift. The Burnt Bluff is quarried for stone/limestone six miles to the south (Inland Quarry). The nearest gravel pits are located three miles away. There appears to be gravel potential in the compartment. There is no economic oil and gas production in the UP.

Vehicle Access: Access is quite variably obtained to this compartment: access to Sections 31 and 32 is via Bryan Grade located west of Curtis, access to Sections 5 and 6 is via East Edge Road north of Blaney Park, and access to Section 4 is via Brotherton Road located south of Curtis. Bryan Grade, a DNR road, is the main access through Section 32. A two-track/snowmobile trail gives access to Section 31. Sections 5 and 6 are accessed through private property and corporate land. There is a locked gate, on private property by the Schoolcraft County line, across this road. The best access to Section 4 is through private land to the east. Hopefully this arrangement can continue, however the landowner has limited who can use his road system and has denied state timber sale access in the past.

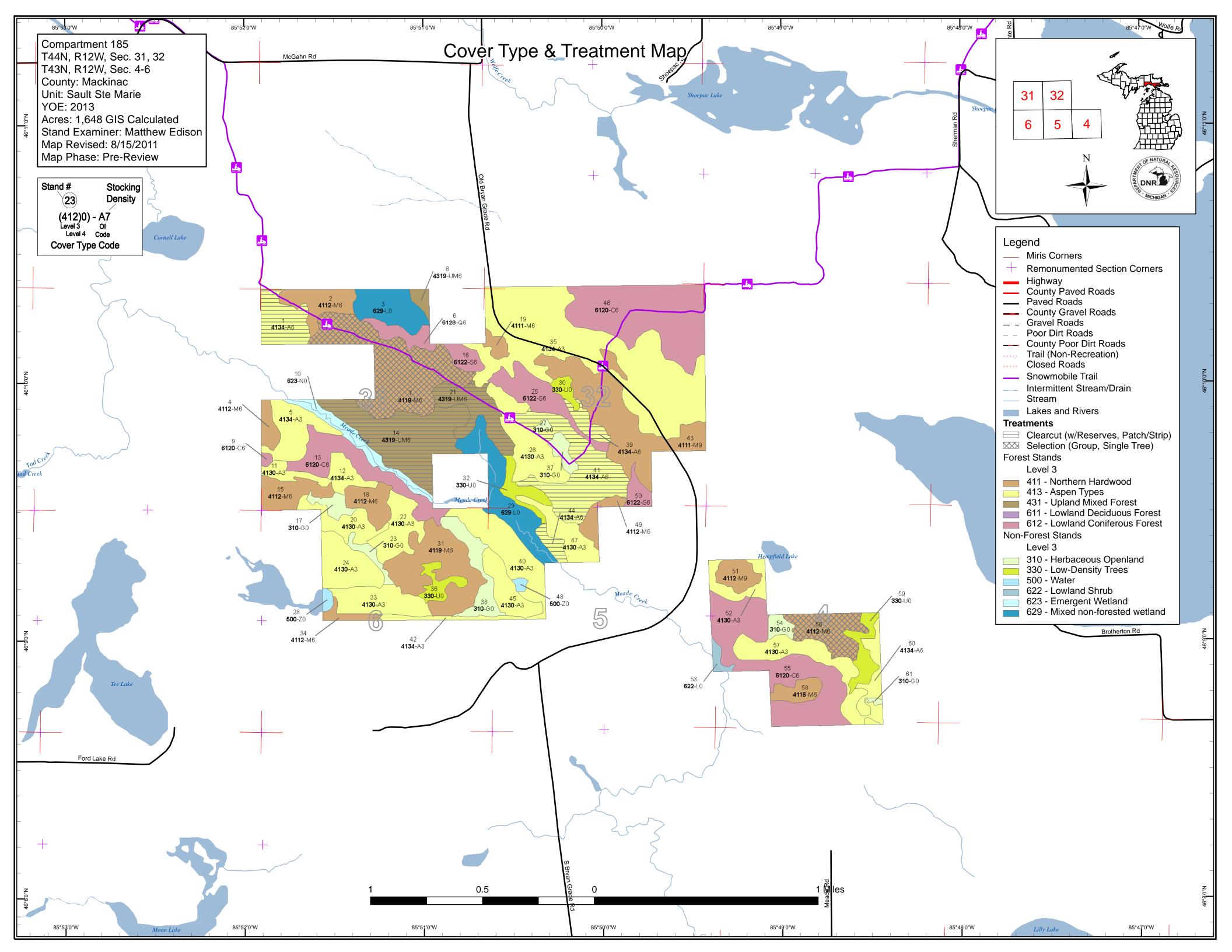
Survey Needs: None

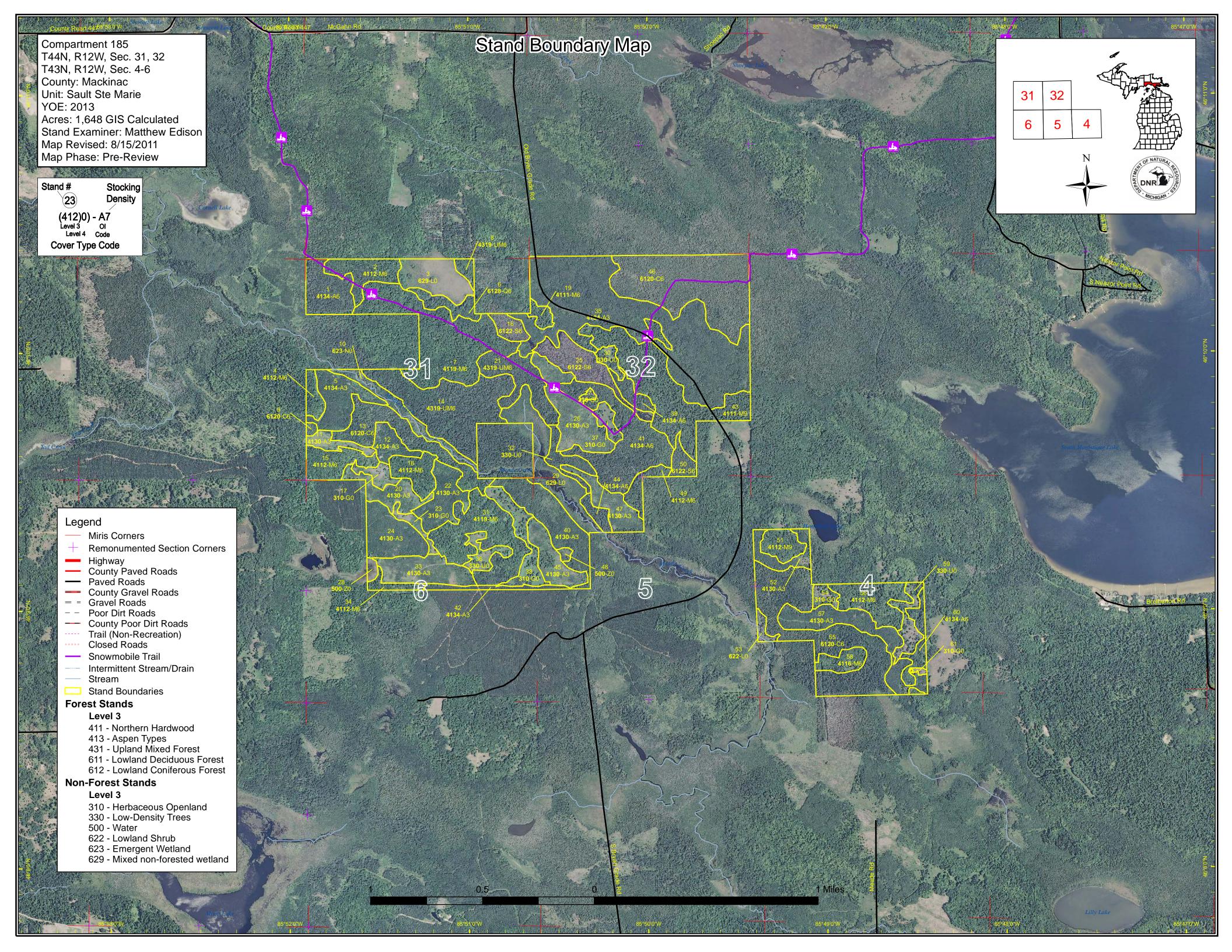
Recreational Facilities and Opportunities: Snowmobile trail 43 runs through the compartment linking Curtis, Germfask and Gould City. Hunting and trapping is common in the easily accessible areas of the compartment.

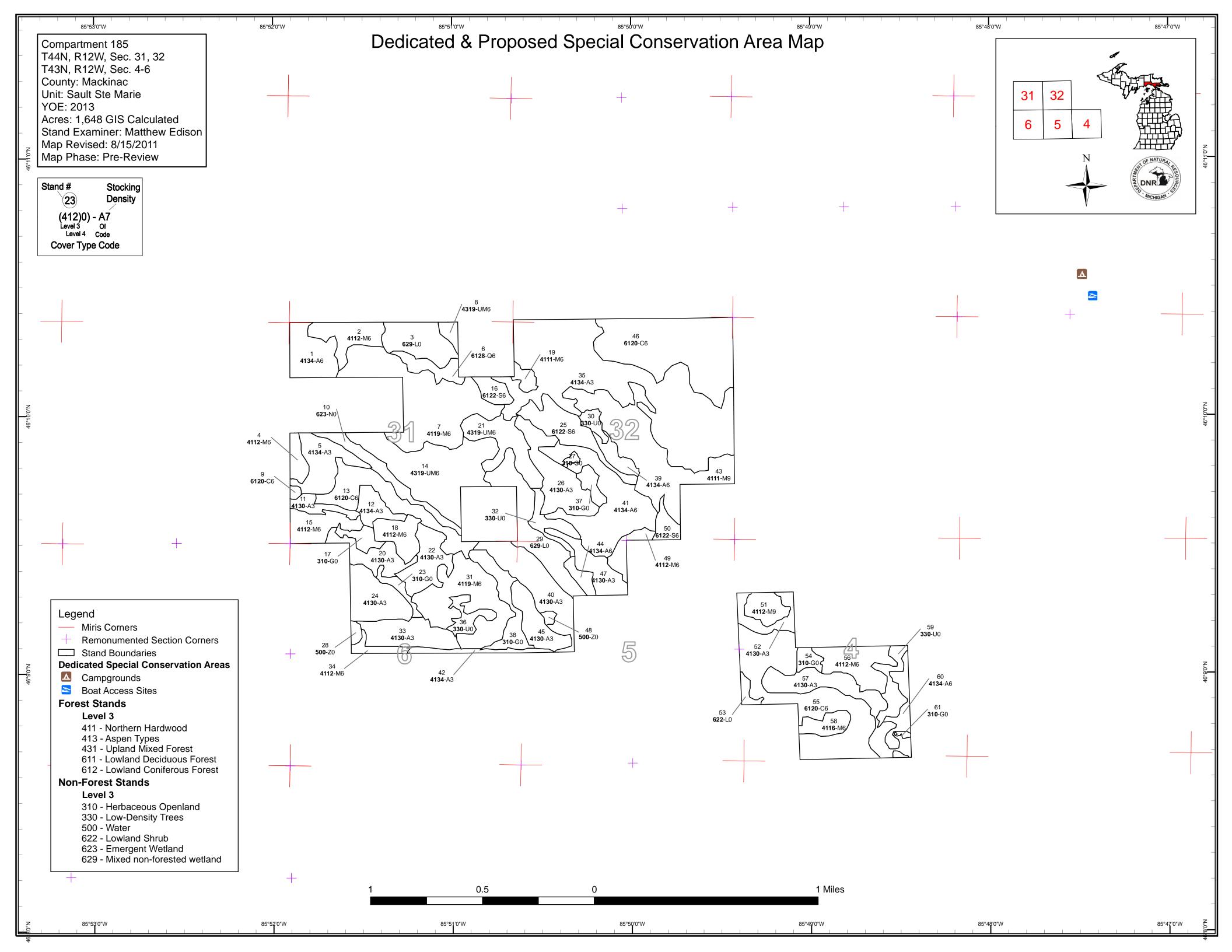
Fire Protection: This is a low fire potential compartment. However, access issues should be noted.

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







Compartment 185 Year of Entry 2013

Sault Ste. Marie Mgt. Unit

Matthew Edison : Examiner



Age Class

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	Hor	A SEE	8,/	02.00	,		D. P.	\$5.05	8 / S	, o /	\$ 6.	8,3	00.00	70,70	70 [*] Ju	R A	
Aspen	0	141	197	196	14	37	66	7	0	0	0	0	0	0	0	658	
Cedar	0	0	0	0	0	0	0	0	0	42	100	2	90	0	0	234	
Herbaceous Openland	53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	53	ĺ
Low-Density Trees	44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44	
Lowland Conifers	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	12	
Lowland Shrub	76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	76	
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	8	39	0	0	0	0	0	47	
Marsh	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19	
Northern Hardwood	0	0	0	0	0	0	175	35	176	0	0	0	0	0	0	386	ĺ
Upland Mixed Forest	0	0	0	0	0	0	31	78	5	0	0	0	0	0	0	114	1
Water	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	j
Total	197	141	197	196	14	37	272	119	189	93	100	2	90	0	0	1648	



Table 2 – Proposed Treatment Summaries

Sault Ste. Marie Mgt. Unit

Compartment 185 Year of Entry 2013 **Total Compartment Acres: 1648**

Acres by Treatment Type

Commercial Harvest - 339 Site Prep - 0 Tree Planting - 0 Prescribed Burn - 0 Other - 0

Habitat Cut - 0 Pesticide - 0 Opening Maintenance - 0 Tree Seeding - 0



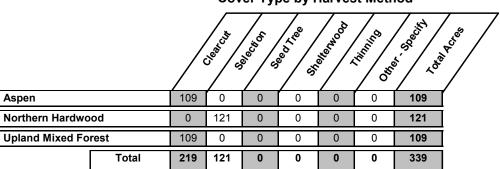


Table 3 -- Treatments Prescribed with No Limiting Factor

Compartment: 185 Year of Entry 2013

4112 - Maple,

Beech, Cherry

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13		
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1	MICHIGAN .	
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Cmpt. Review

Proposal

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t a n d	Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
1	45185001-Cut	27.5	4134 - Aspen, Spruce/Fir	High Density Pole	43	Harvest	Clearcut with Reserves	4134 - Aspen, Spruce/Fir	Cmpt. Review Proposal

Prescription Clear-cut with reserves. Do not cut scattered cedar if present. Leave 10% of existing birch. Leave any large white pine if present.

Specs:

Steps:

7

Specs:

Other . Sale was set-up last entry, but sale was not completed.

Comments:

Next 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.

4119 - Mixed

Northern Hardwoods

Association Prescription Mark stand to 80 to 90 Basal Area. Retain some beech with the smooth bark if present and wildlife trees. Some larger canopy gaps may be

desirable around the yellow birch if possible to regenerate and to advance the advanced regeneration present. Leave some of the Large white

Harvest

Single Tree Selection

spruce.

45185007-Cut 90.9

WLD: Also, retain species diversity of the stand. Leave snags and coarse woody debris.

High Density Pole

Stand was scheduled for harvest in last entry. Was previously two stands. Northwest portion was thinned. Remainder of stand was not Other_ Comments: completed. Mix of maples, with scattered birch and yellow birch. Some large spruce in places.

Follow-up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is maple, cherry, beech, paper and yellow <u>Next</u>

birch, basswood, aspen and ironwood. Steps:

45185014-Cut 78.0 4319 - Mixed High Density Pole 61 Harvest Clearcut with 4136 - Aspen, Mixed Cmpt. Review 14

Upland Forest Reserves Conifer Proposal

Prescription Clear cut with reserves. Leave scattered cedar and some paper birch.

Specs:

Other_ Was to be harvested last entry, but sale was not completed.

Comments:

<u>Next</u> Follow-up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is aspen, maple, beech, yellow and paper

birch, balsam fir, white spruce and white pine. Steps:

45185021-Cut 31.5 4319 - Mixed High Density Pole Clearcut with Cmpt. Review Harvest 4134 - Aspen,

Upland Forest Reserves Spruce/Fir Proposal

Prescription Clear-Cut with reserves. Leave any cedar, hemlock, or white pine if present.

Specs:

Other_ Comments:

<u>Next</u> Follow-up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is any mix of aspen, maple, yellow and

Steps: paper birch, cedar, white spruce and white pine.

39 45185039-Cut 93 4134 - Aspen, High Density Pole Harvest Clearcut with 4134 - Aspen, Cmpt. Review

Spruce/Fir

Reserves Spruce/Fir Proposal

Prescription Cut with reserves. Leave any cedar, hemlock, or white pine. Buffer wetland to south. Specs:

Other_ Comments:

<u>Next</u> Follow-up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is any mix of aspen, maple, yellow and

paper birch, cedar, white spruce and white pine. Steps:

Table 3 -- Treatments Prescribed with No Limiting Factor

Compartment: 185 Year of Entry 2013

a n d	Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
41	45185041-Cut	65.5	4134 - Aspen, Spruce/Fir	High Density Pole	55	Harvest	Clearcut with Reserves	4134 - Aspen, Spruce/Fir	Cmpt. Review Proposal

Prescription Clear-cut with reserves. Leave any cedar, hemlock, or white pine. WLD: Also, leave some scattered trees representative of the stand. Specs:

Other_ Comments:

s

Follow-up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is any mix of aspen, maple, yellow and

<u>Next</u> paper birch, cedar, white spruce and white pine. Steps:

45185044-Cut 6.7 6117 - Lowland High Density Pole 62 Harvest Clearcut with 4134 - Aspen, Cmpt. Review Deciduous, Mixed Reserves Spruce/Fir Proposal Coniferous

Prescription Clear-cut with reserves. Leave any cedar, hemlock, or white pine.

Specs: Other_

56

Stand was part of unit on timber sale that was not completed. Complete mix of spruce/fir, aspen, birch, maple, and some cedar mixed.

Comments:

<u>Next</u> Follow-up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is any mix of aspen, maple, yellow and

paper birch, cedar, white spruce and white pine.

Steps:

4112 - Maple, Single Tree Selection 45185056-Cut 29.7 High Density Pole Harvest 4112 - Maple, Cmpt. Review Beech, Cherry Beech, Cherry Proposal

Association

Access will be through private and may become an issue.

Association

Specs:

Prescription Mark stand to 80 to 90 Basal Area. Some basswood and conifer and all juneberry should be left if present.

Other Comments:

Next Follow-up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is maple, cherry, beech, paper and yellow

Steps: birch, basswood, aspen and ironwood.

Total Treatment

Acreage Proposed: 339.1

Sault Ste. Marie Mgt. Unit Table 4 -- Treatments Prescribed with Compartment: 185 a Limiting Factor s Year of Entry 2013 t **Treatment** n **Treatment** Acres Stage1 Size Stand **Treatment Cover Type Approval** Name CoverType Density Method Objective Status Age Type d #Error **Prescription** Specs: <u>Other</u> Comment: <u>Next</u> Steps: Limiting Factor and No

Total Treatment Acreage Proposed:

Treatment Reason

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_OutOfY OE-Cut	2.5				Harvest	Single Tree Selection	4110 - Sugar Maple Association	Cmpt. Review Proposal
		80 to 90 Basal Area. dvanced regeneration		ech with th	e smooth bark a	nd wildlife trees. Some I	arger canopy gaps ma	y be desirable to
Other Comments:								
		tment with a regener onwood, balsam fir, w				cceptable regeneration is	s aspen, maple, cherry	, beech, yellow and
NF_45134015- NonFor	4.7	Unspecified		0	Non-Forest Management	Patch or Strip Clearcut	31021 - Cool Season Grass	Cmpt. Review Proposal
Prescription Trea	at with C14	9 s 63. Opening ma	intenance removi	ng jack pii	ne seedlings and	d saplings.		

<u>Other</u>

Comments:

Next Steps:

Total Treatment

Acreage Proposed: 7.2

Sault Ste. Marie Mgt. Unit			5 – Fo	orested Sta	nds Compartment: 185 Year of Entry: 2013
Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
4134 - Aspen, Spruce/Fir	High Density Pole	27.5	43	111-140	Stand of nice aspen with mix of spruce and fir. Some spots more mixed, some more pure depending on where u stand. Some cedar, p. birch, and red maple throughout, but scattered.
4112 - Maple, Beech, Cherry Association	High Density Pole	22.6	67	81-110	Thinned last entry
4112 - Maple, Beech, Cherry Association	High Density Pole	8.6	55	81-110	Small diameter maple and beech with mix of balsam and aspen. Cut in '96. Check in 10 years.\
4134 - Aspen, Spruce/Fir	High Density Sapling	29.0	19		Cut in '92. Good aspen with mix of spruce and balsam.
6128 - Lowland Coniferous, Mixed Deciduous	High Density Pole	12.2	88	111-140	Variable stand on fringe of wetland. Very wet, with some cedar. Tag alder brush where sparse. Good buffer to wetlands.
4119 - Mixed Northern Hardwoods	High Density Pole	90.9	71	111-140	Stand was scheduled for harvest in last entry. Was previously two stands. Northwest portion was thinned. Remainder of stand was not completed. Mix of maples, with scattered birch and yellow birch. Some large sprruce in places.
4319 - Mixed Upland Forest	High Density Pole	4.7	71	81-110	Small stand between large wetland and private. Poor quality mixed hardwood mixed in smaller balsam and aspen.
6120 - Lowland Cedar	High Density Pole	1.7	100	111-140	Stand of small diameter pole sizze cedar mixed with a balsam and spruce. Not-merchantabl. Very wet.
4130 - Aspen	High Density Sapling	9.3	4		Cut in '07.
4134 - Aspen, Spruce/Fir	High Density Sapling	12.9	15		Cut in '96. Good regen mix.
6120 - Lowland Cedar	High Density Pole	42.0	83	81-110	Stand is mix of lowland cedar, birch, tag alder, and some red maple. very wet and not very productivepoor quality trees.
4319 - Mixed Upland Forest	High Density Pole	78.0	61	111-140	Mixed stand of nice aspen, spruce/fir mix. Some birch and rm. Scattered cedar.
4112 - Maple, Beech, Cherry Association	High Density Pole	21.2	53	81-110	Small diameter maple mis, with beech and balsam throughout. Thinned in '96, a lot of beech dead. Check in 10 years.
6122 - Black Spruce	High Density Pole	9.2	88	51-80	Black spruce, very small. Wet, almost non-productive. Not merchantable .
4112 - Maple, Beech, Cherry Association	High Density Pole	17.8	55	51-80	Mix of maple, beech, some yellow birch . A lot of dead beech keeps the basal areas low. Check in 10 years.
4111 - S.Maple, Hard Mast Association	High Density Pole	5.7	66	81-110	Thinned last entry.
	Level 4 Cover Type 4134 - Aspen, Spruce/Fir 4112 - Maple, Beech, Cherry Association 4112 - Maple, Beech, Cherry Association 4134 - Aspen, Spruce/Fir 6128 - Lowland Coniferous, Mixed Deciduous 4119 - Mixed Northern Hardwoods 4319 - Mixed Upland Forest 6120 - Lowland Cedar 4130 - Aspen 4134 - Aspen, Spruce/Fir 6120 - Lowland Cedar 4139 - Mixed Upland Forest 4112 - Maple, Beech, Cherry Association 6122 - Black Spruce 4111 - S.Maple, Beech, Cherry Association	Level 4 Cover Type 4134 - Aspen, Spruce/Fir 4112 - Maple, Beech, Cherry Association 4112 - Maple, Beech, Cherry Association 4134 - Aspen, Spruce/Fir 6128 - Lowland Coniferous, Mixed Deciduous 4119 - Mixed Northern Hardwoods 4319 - Mixed Upland Forest 4130 - Aspen High Density Pole 4131 - Aspen, Spruce/Fir High Density Sapling 4134 - Aspen, Spruce/Fir High Density Pole 4139 - Mixed Upland High Density Sapling 4134 - Aspen, Spruce/Fir High Density Pole 4112 - Maple, Beech, Cherry Association High Density Pole 4112 - Maple, Beech, Cherry Association High Density Pole 4112 - Maple, Beech, Cherry Association High Density Pole High Density Pole High Density Pole High Density Pole High Density Pole	Level 4 Cover Type Pensity Acres 4134 - Aspen, Spruce/Fir High Density Pole 27.5 4112 - Maple, Beech, Cherry Association 4112 - Maple, Beech, Cherry Association High Density Pole 4134 - Aspen, Spruce/Fir High Density Sapling 6128 - Lowland Coniferous, Mixed Deciduous 4119 - Mixed Northern Hardwoods High Density Pole 4130 - Aspen High Density Sapling 4134 - Aspen, Spruce/Fir High Density Sapling 4134 - Aspen, Spruce/Fir High Density Pole 4130 - Lowland Cedar High Density Sapling 4134 - Aspen, Spruce/Fir High Density Pole 4112 - Maple, Beech, Cherry Association High Density Pole 4112 - Maple, Beech, Cherry Association High Density Pole 4112 - Maple, Beech, Cherry Association High Density Pole 4112 - Maple, Beech, Cherry Association High Density Pole 4111 - S.Maple, Hard High Density Pole 4112 - Maple, Beech, Cherry Association High Density Pole 4111 - S.Maple, Hard High Density Pole 4111 - Maple, Beech, Cherry Association High Density Pole 4111 - S.Maple, Hard High Density Pole	Level 4 Cover Type Size Density Acres Stand Age 4134 - Aspen, Spruce/Fir High Density Pole 27.5 43 4112 - Maple, Beech, Cherry Association High Density Pole 22.6 67 4112 - Maple, Beech, Cherry Association High Density Pole 8.6 55 4134 - Aspen, Spruce/Fir High Density Pole 29.0 19 6128 - Lowland Coniferous, Mixed Deciduous High Density Pole 12.2 88 4119 - Mixed Northern Hardwoods High Density Pole 90.9 71 6120 - Lowland Cedar Forest High Density Pole 1.7 100 4130 - Aspen Spruce/Fir High Density Sapling 9.3 4 4134 - Aspen, Spruce/Fir High Density Sapling 12.9 15 6120 - Lowland Cedar High Density Pole 42.0 83 4319 - Mixed Upland Forest High Density Pole 21.2 53 6120 - Lowland Cedar Pole High Density Pole 21.2 53 4319 - Mixed Upland Forest High Density Pole 21.2 53 420 - Black Spruce High Density P	Level 4 Cover Type Size Density Acres Stand Age BA Range 4134 - Aspen, Spruce/Fir High Density Pole 27.5 43 111-140 4112 - Maple, Beech, Cherry Association High Density Pole 22.6 67 81-110 4112 - Maple, Beech, Cherry Association High Density Pole 8.6 55 81-110 4134 - Aspen, Spruce/Fir High Density Sapling 29.0 19 19 6128 - Lowland Coniferous, Mixed Deciduous High Density Pole 12.2 88 111-140 4119 - Mixed Northern Hardwoods High Density Pole 90.9 71 111-140 4319 - Mixed Upland Forest High Density Pole 1.7 100 111-140 4130 - Aspen Spruce/Fir High Density Sapling 9.3 4 4134 - Aspen, Spruce/Fir Sapling 12.9 15 6120 - Lowland Cedar High Density Pole 78.0 61 111-140 4319 - Mixed Upland Forest High Density Pole 78.0 61 111-140 4112 - Maple, Beech, Cherry Association High Density Pole

s t	Sault Ste. Marie Mgt. Unit			5 – F	orested Sta	Compartment: 185 Year of Entry: 2013
a n d	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
20	4130 - Aspen	High Density Sapling	19.6	4		cut in '07.
21	4319 - Mixed Upland Forest	High Density Pole	31.5	55	141-170	Stand of nice aspen and balsam.Good aspen regen surrounds.
22	4130 - Aspen	High Density Sapling	26.0	19		Cut in '92.
24	4130 - Aspen	High Density Sapling	31.6	15		Cut in '96. Some red maple in spots.
<u></u> 25	6122 - Black Spruce	High Density Pole	29.9	88	51-80	Very wet corrider along drainage. Opens into wet spruce with some tamarack. Poor quality, small diameter. Not merchantable.
26	4130 - Aspen	High Density Sapling	39.4	6		A3, goodblooking regen.
31	4119 - Mixed Northern Hardwoods	High Density Pole	61.9	58	51-80	Thinned in '07.
33	4130 - Aspen	High Density Sapling	29.9	4		Cut in '07
34	4112 - Maple, Beech, Cherry Association	High Density Pole	6.3	60	81-110	Small stand of red maple, with sugar and some aspen. Lower basal areas with aspen regen in holes. Narrow stand along compt. boundary, no corners.
35	4134 - Aspen, Spruce/Fir	High Density Sapling	188.3	25	141-170	Mostly small diameter aspen with mix of birch, fir and cedar in wettest places. Mixed low and high ground. Cut in 1986. Fair amount of birch. Borderline pole size. In places along road merchantable. Hold 10 years and check for cut then.
39	4134 - Aspen, Spruce/Fir	High Density Pole	9.3	49	141-170	Nice stand of aspen, balsam mix. Good diameter balsam. Ridgenon south will buffer wetland.
40	4130 - Aspen	High Density Sapling	43.1	19		Cut in '92. Wet in some spots. Balm in clumps all over. Heavy mix of balsam and spruce, birch.
41	4134 - Aspen, Spruce/Fir	High Density Pole	65.5	55	141-170	Stand of nice aspen, spruce, balsam, and birch. Good size
42	4134 - Aspen, Spruce/Fir	High Density Sapling	7.9	25		Aspen regen with mix of red maple and balsam mixed. Frindge of red pine plantation on adjacent private.
43	4111 - S.Maple, Hard Mast Association	High Density Log	85.2	71	81-110	Stand was thinned last entry. Nice hard maple throughout. Scattered baasswood and beech.
44	4134 - Aspen, Spruce/Fir	High Density Pole	6.7	62	111-140	Stand was part of unit on timber sale that was not completed. Complete mix of spruce/fir, aspen, birch, maple, and some cedar mixed.
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s t	Sault Ste. Marie Mgt. Unit			5 – Fo	orested Sta	rnds Compartment: 185 Year of Entry: 2013
a n d	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
45	4130 - Aspen	High Density Sapling	21.8	4		cut in '07. good regen.
46	6120 - Lowland Cedar	High Density Pole	100.3	94	171-200	Lowland cedar, 15-25 ft. tall, small diameter. Some balsam mixed in and tag alder where open. not much for merchantibility
47	4130 - Aspen	High Density Sapling	21.2	3		Clear cut last entry.
49	4112 - Maple, Beech, Cherry Association	High Density Pole	10.2	59	81-110	Hardwood stand was thinned last entry. Some areas with yellow birch. Beech is not all dead yet.
50	6122 - Black Spruce	High Density Pole	8.4	71	171-200	Very thick, but small diameter black spruce. A few scattered large trees away from edge, but overall too small for harvest at this time.
51	4112 - Maple, Beech, Cherry Association	High Density Log	13.8	55	81-110	Stand was thinned in '95. No beech, still lower basal area overall. Hold off ten more years, so not opened too much.
52	4130 - Aspen	High Density Sapling	13.7	16		Stand clear cut in 1995. Aspen regen with mix of spruce and balsam.
55	6120 - Lowland Cedar	High Density Pole	89.9	110	171-200	Stand is dense cedar varying to balsam and birch. Wetter ground to east. Aspen dying out. Small diameter for age. Access is through private.
56	4112 - Maple, Beech, Cherry Association	High Density Pole	29.7	55	81-110	Stand swapped from Non-Forested to Forested.
57	4130 - Aspen	High Density Sapling	41.0	16		Stand cut in 1995. Aspen regen with mix of spruce and balsam.
58	4116 - Mixed N. Hardwood - Aspen	High Density Pole	11.8	53	81-110	Very poor quality maple mixed with aspen poles. Some maple dying out. Not high basal area anywhere, consider cc and convert to aspen in 10 years if more maple decline.

4134 - Aspen, Spruce/Fir

60

High Density Pole

14.0

35

81-110

Kind of wet in some areas of north end. Patchy aspen mixed with balsam and rm in places.

6 - Nonforested Stands

Compartment: 185 Year of Entry: 2013



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
3	629 - Mixed non-forested wetland	29.1	No	Low (NonForested)	
10	6239 - Mixed Emergent Wetland	19.4	No	Low (NonForested)	
17	3102 - Grass	7.9	No	Low (NonForested)	
23	3102 - Grass	5.9	No	Low (NonForested)	
27	3102 - Grass	1.7	No	Low (NonForested)	
28	50 - Water	2.8	No	Low (NonForested)	
29	629 - Mixed non-forested wetland	43.0	No	Low (NonForested)	
30	3303 - Mixed Low Density Trees	6.0	No	Low (NonForested)	
32	3303 - Mixed Low Density Trees	12.9	No	Low (NonForested)	
36	3303 - Mixed Low Density Trees	10.5	No	Low (NonForested)	
37	3102 - Grass	7.4	No	Low (NonForested)	
38	3102 - Grass	22.7	No	Low (NonForested)	
48	50 - Water	1.9	No	Low (NonForested)	
53	6220 - Alder/willow	4.1	No	Low (NonForested)	
54	3102 - Grass	6.2	No	Low (NonForested)	
59	3301 - Low Density Deciduous Tree	14.6	No	Unspecified	
61	3102 - Grass	1.0	No	Low (NonForested)	
54	3102 - Grass 3301 - Low Density Deciduous Tree	6.2	No No	Low (NonForested) Unspecified	

Compartment: 185 Year of Entry: 2013



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

Compartment: 185 Year of Entry 2013

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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.

Conservation Type Description Area

ERA = Ecological Reference Area

HCVA = High Conservation Value Area

SCA = Special Conservation Area