

Compartment Review Presentation

Sault Ste. Marie Forest Management Unit

Compartment 45107
Entry Year 2024
Acreage: 1,896
County Mackinac

Management Area: St. Ignace Lake Plain

Stand Examiner: Nate Plato

Legal Description:

T43N-R6W, Sections 10 - 12, Moran Township

Identified Planning Goals:

The compartment is located south of Trout Lake approximately three and one half miles. This compartment is composed of a variety of lowland and upland types and species. The eastern half of the compartment is mostly upland types of red pine, aspen, upland brush and grassy openings. The western half of the compartment is mostly lowland types of black spruce, cedar, tamarack, balsam fir, lowland brush and bogs with a few ridges of aspen and birch. Proposed timber management within the compartment consists of two red pine clear cuts, multiple jack pine clear cuts, two mixed species shelterwoods, and multiple lowland mixed clear cuts. The Carp River and Ozark Creek flow through Section 12. The Carp River is designated as a wild and scenic river in the stretch downstream on the Hiawatha National Forest. This area is heavily used by recreationists.

Soil and topography:

The terrain is level to rolling with steep banks to the river and creek drainages. The compartment is higher ground on the east side and grades to lower ground on the west side. The higher ground soils are mostly Wallace Sand with Paquin Sand, and Paquin-Finch complex on the ridges in the

lowland areas. The transition areas have Spot-Finch Complex. The lowland areas mostly have the MarkeySpot-Finch Complex with some higher transition areas to the Paquin Sand and Wallace Sand. The other lowland soil types are Markey and Carbondale Muck, Finch-Dawson-Pullup Complex and the Dinkey Muck in the Carp River and Ozark Creek drainages.

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

The north, west and south sections surrounding the compartment are in state ownership. The sections to the east are in federal ownership on the Hiawatha National Forest. A private 40 abuts the southeast side of Section 12 with the rest of Section 7 being in federal ownership.

Unique Natural Features:

Potential for raptors to nest in the compartment exists and care will be taken to check stands for nests. Stands in the compartment were identified as Hardwood Conifer Swamp community; there are northern wet meadow, muskeg, and bog communities within the compartment. There is a potential for some rare plant and animal species to inhabit the compartment.

Archeological, Historical, and Cultural Features:

No obvious features were found when doing inventory.

Special Management Designations or Considerations:

Potential for raptors to nest in the compartment exists and care will be taken to check stands for nests with buffers placed when necessary.

Watershed and Fisheries Considerations:

This compartment is within the Carp River watershed and contains portions of the Carp River and Ozark Creek. Both of these streams are designated trout streams; the Carp River has Type 4 Trout Stream Regulations and Ozark Creek has Type 1 Trout Stream Regulations. Per discussions with the forester, I am comfortable going to a 150-foot no-clearcut buffer in stands 40 and 48 since the objective is coniferous species. I am also comfortable trying to establish some oak on the ridge at least 100 feet from the river in some small areas, leaving some mature trees to recruit to the river for large woody habitat.

Wildlife Habitat Considerations:

This compartment is located in the Carp River Red Pine Management Area where featured wildlife species include black burnian warbler, red-shouldered hawk, ruffed grouse, and snowshoe hare. It is characterized by lowland conifers, aspen, and pines influenced by muck and sandy soils. The western third is dominated by lowland cedar and black spruce with occurrences of rich conifer swamp, bog, and muskeg natural community types. White pine, white spruce, and white birch are common subdominant components in some stands. Further east, aspen and pine dominate. Most of the aspen is

young. Part of a large aspen stand was influenced by a fire in 1999. Cherry and tamarack are also common components in parts of these stands, while white pine can also be found. Around the Carp River, red pine plantations of varying age classes exist with some aspen around the red pine in the northeastern corner. The northern wet meadow natural community has been identified along the Carp River in this compartment. Wildlife management objectives include providing conifer cover low to the ground for snowshoe hare through regeneration of young lowland conifer, leaving mature conifer for birds such as the blackburnian warbler and other wildlife, and maintaining early successional habitat and promoting age class diversity within this habitat for ruffed grouse and other species dependent upon young early successional growth. The riverine and riparian communities will be protected by placing a no-cut buffer along the river. All natural community types will be protected; no harvesting will occur within these identified areas.

Mineral Resource and Development Concerns and/or Restrictions

No known potential exists for commercial oil & gas production in this part of the state, and there is no known metallic mineral potential in this area. The State-owned Trout Lake Sand Pit is just over one mile to the north and is currently leased by the Chippewa County Road Commission. There may be potential for additional sand, and perhaps gravel, on the uplands within the compartment. High-purity bedrock limestone/dolostone is at or very near the surface in this area. Development potential within the compartment for a large commercial quarry would be inhibited by wetlands. The area of Graymont's proposed underground limestone mine is roughly seven miles west, and the target high-calcium limestone of that area is likely too deep beneath the compartment to have significant economic potential.

Vehicle Access:

The compartment has good vehicle access. The JT Camp Road is deteriorating to undriveable conditions most of the year in the west portion of Section 10. The Carp River Truck Trail provides good access. The access into Section 12 is the Huckleberry Lake Road from the north and the Ozark

Creek Road to the east. The bridge over Ozark Creek has deteriorated to unsafe conditions and should not be used. The Ozark Creek Road to the east on the Federal lands is in very poor shape and undriveable most of the time. Any new timber sale roads will be blocked or planted after management activities occur.

Survey Needs:

No new survey projects are required for this compartment with adequate corners present.

Recreational Facilities and Opportunities:

The Carp River Truck Trail is used as a snowmobile trail and part of the ORV trail runs on it. The JT Camp Road is also an ORV trail. The compartment is heavily used for all types of recreational activities including motorized vehicle use, fishing, hunting, trapping and nature viewing.

Fire Protection:

The eastern half of the compartment has a potential for a moderate to higher intensity fire. The Thunder Alley Fire burned through portions of section 11 in 1999. The west portion of the compartment has lower fire intensity potential. The problem of ground fire does exist in this portion of the compartment. The response time to a fire in this area will be longer due to the distance from the field office and the road conditions in the area.

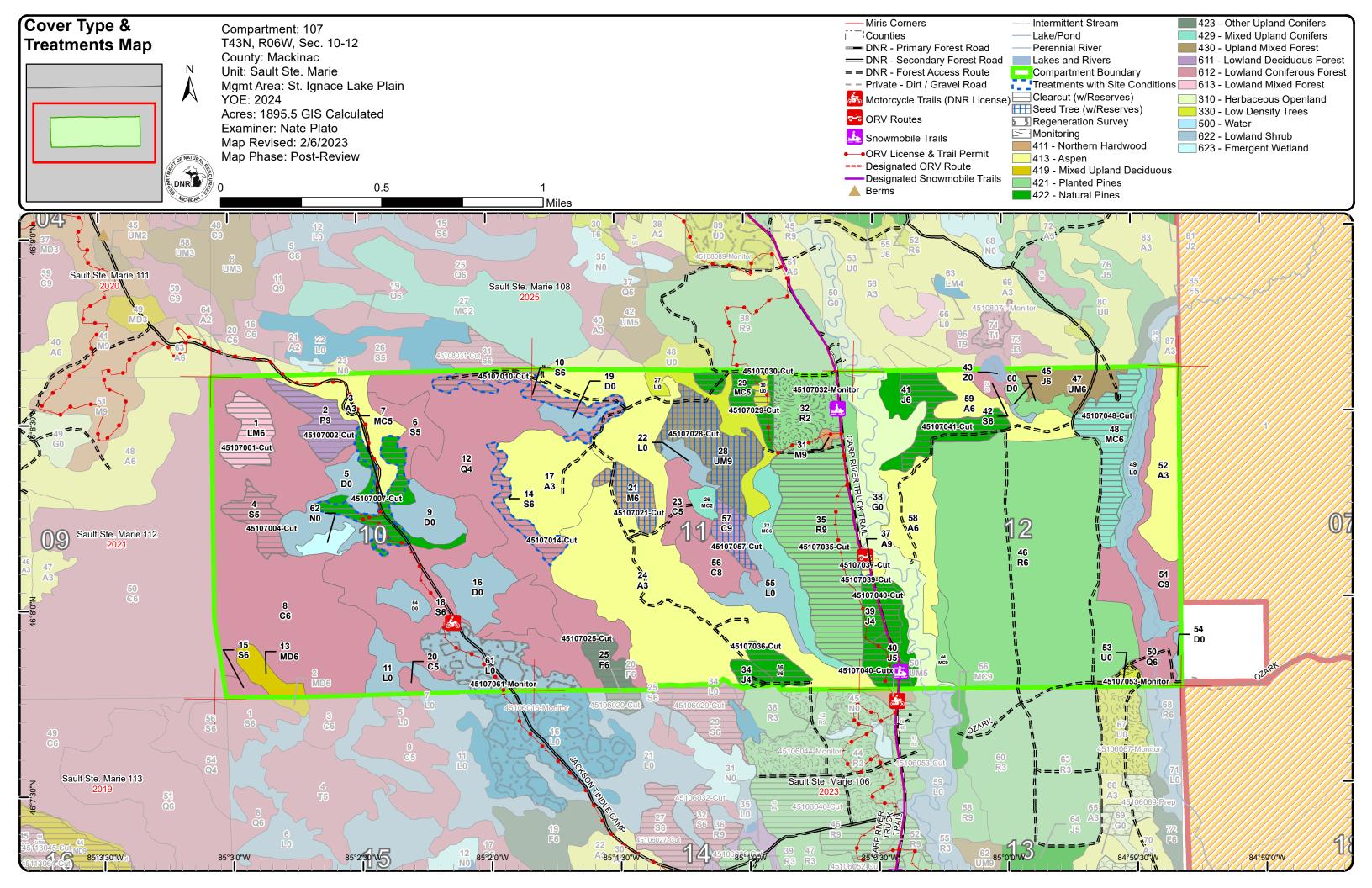
Additional Compartment Information:

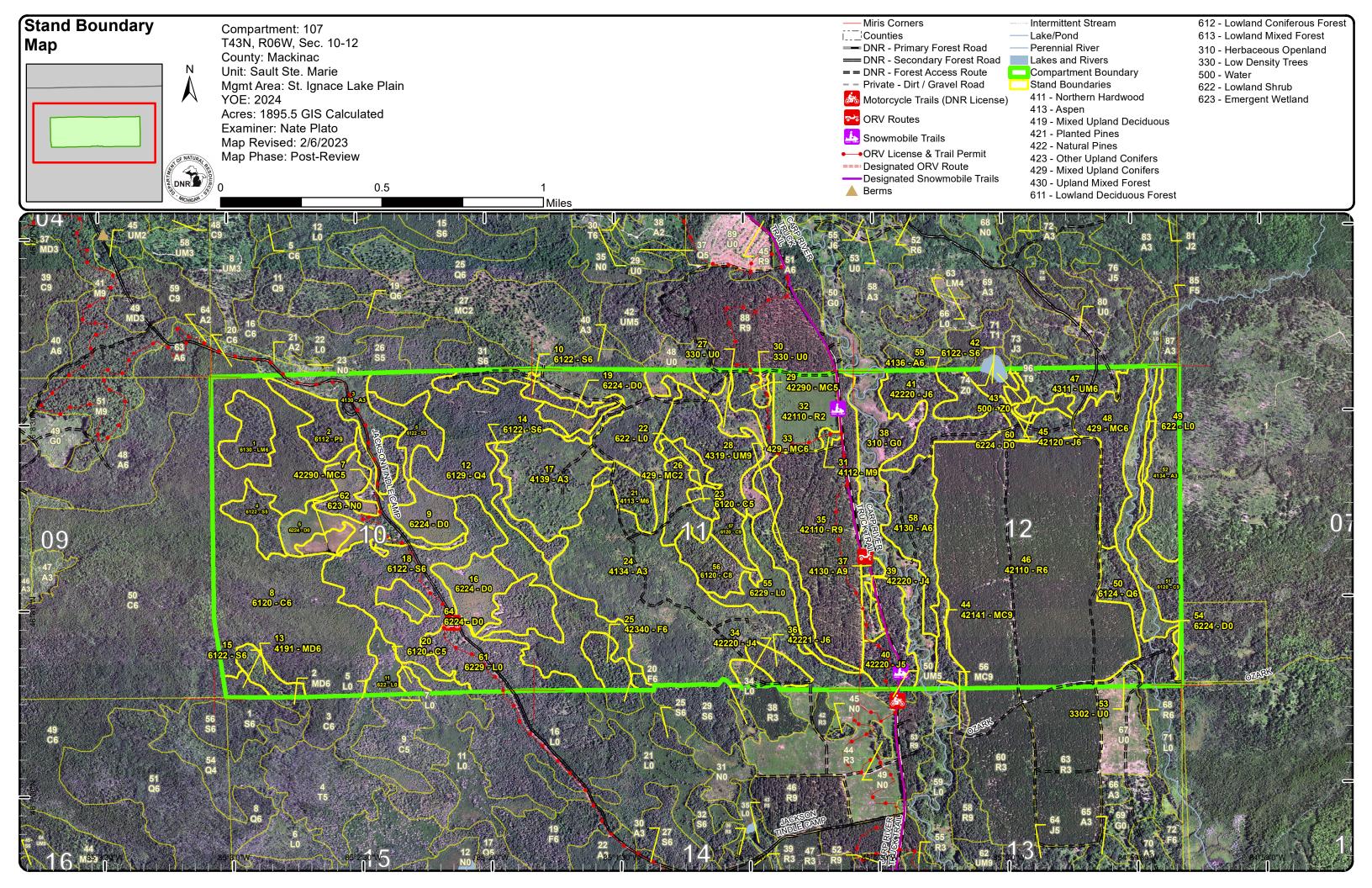
The following reports from the Inventory are attached:

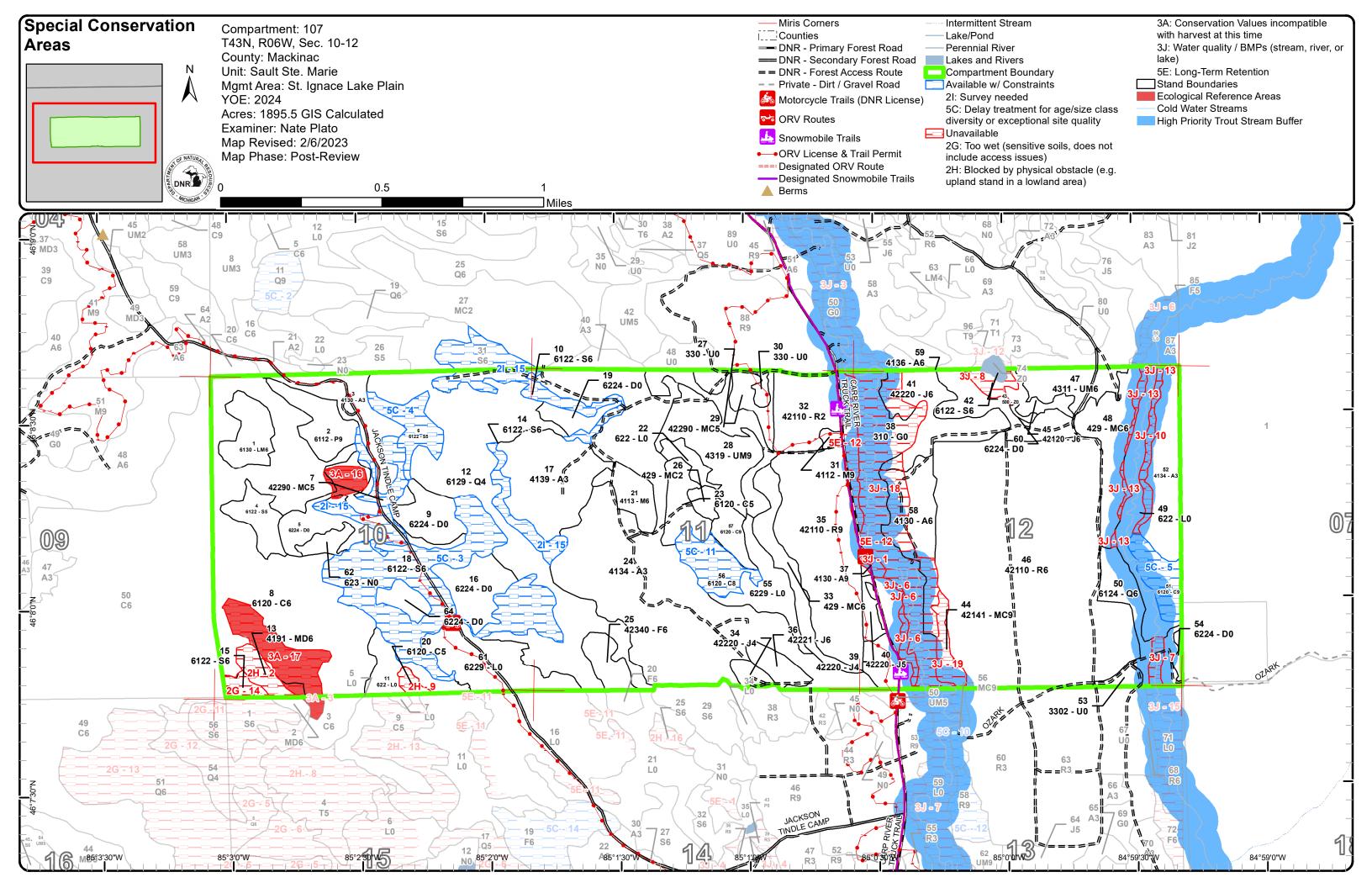
Total Acres by Cover Type and Age Class
Cover Type by Harvest Method
Proposed Treatments – No Limiting Factors
Proposed Treatments – With Limiting Factors
Stand Details (Forested and Nonforested)
Dedicated and Proposed Special Conservation Areas
Site Condition Details

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







Sault Ste. Marie Mgt. Unit

Nate Plato: Examiner

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Age Class

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	1 %		/ `	/ 'V	/ '3	/ *	/ 3	/ °	·	/ *	/ %	/ %			/ 🖔			/ 3r	/ ' /
Aspen	0	0	49	257	57	0	3	0	0	0	0	0	0	0	0	0	0	0	366
Cedar	0	0	0	0	0	0	0	0	0	32	3	193	0	15	0	0	0	0	243
Herbaceous Openland	61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	61
Jack Pine	0	0	0	7	0	5	40	34	0	0	0	0	0	0	0	0	0	0	86
Low-Density Trees	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28
Lowland Aspen/Balsam Poplar	0	0	0	0	0	0	0	19	0	0	0	0	0	0	0	0	0	0	18
Lowland Conifers	0	0	0	0	0	0	0	0	146	0	0	0	0	0	0	0	0	0	146
Lowland Mixed Forest	0	0	0	0	0	0	0	17	0	0	0	0	0	0	0	0	0	0	17
Lowland Shrub	103	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	103
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	0	88	29	41	0	0	0	0	0	0	158
Marsh	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Mixed Upland Deciduous	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	10
Natural Mixed Pines	0	0	0	0	0	0	14	0	0	26	0	0	0	0	0	0	0	0	40
Northern Hardwood	0	0	0	0	0	0	0	0	14	2	0	0	0	0	0	0	0	0	16
Planted Mixed Pines	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	9
Red Pine	0	29	0	256	0	0	0	0	0	96	0	0	0	0	0	0	0	0	381
Treed Bog	83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	83
Upland Conifers	0	0	0	5	56	0	0	0	0	0	0	0	0	0	0	0	0	0	59
Upland Mixed Forest	0	0	0	19	0	0	0	0	0	35	0	0	0	0	0	0	0	0	54
Upland Spruce/Fir	0	0	0	0	0	0	0	0	0	0	11	0	0	0	0	0	0	0	11
Water	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	282	29	49	544	113	5	57	70	160	288	43	244	0	15	0	0	0	0	1896



Report 2 – Treatment Summary

Sault Ste. Marie Mgt. Unit Year of Entry: 2024

Acres of Harvest

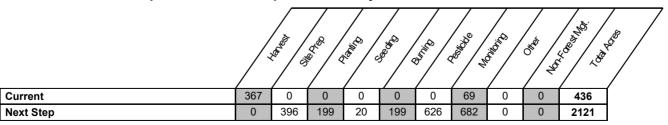
Harvests with Site Condition - 52 Next Step Harvest - 0 Habitat Cut - 0

Commercial Harvest - 316

Cover Type by Harvest Method

		/		Se S			Solution 1	in Son	ROUGH C			,
Aspen		1	0	0	0	0	0	0	0	0	1	ĺ
Cedar		0	0	0	10	0	0	0	0	0	10	1
Jack Pine		67	0	0	0	0	0	0	0	0	67	1
Low-Density Trees		3	0	0	0	0	0	0	0	0	3	1
Lowland Aspen/Balsam Poplar		19	0	0	0	0	0	0	0	0	19]
Lowland Mixed Forest		17	0	0	0	0	0	0	0	0	17	
Lowland Spruce/Fir		44	0	0	0	0	0	0	0	0	44	1
Natural Mixed Pines		34	0	0	0	0	0	0	0	0	34	1
Northern Hardwood		0	0	0	14	0	0	0	0	0	14	
Red Pine		83	0	0	0	0	0	0	0	0	83	
Upland Conifers		30	0	0	0	0	0	0	0	0	30	
Upland Mixed Forest		0	0	0	35	0	0	0	0	0	35	
Upland Spruce/Fir		11	0	0	0	0	0	0	0	0	11]
_	Total	310	0	0	58	0	0	0	0	0	367	

Proposed and Next Step Treatments by Method



Compartment 107

Total Compartment Acres: 1,896

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Treatment Name

Acres

Stand CoverType

Size Density

Stand Age

BA Range **Treatment** Type

Treatment Method

Cover Type Objective

Compartment: 107

Year of Entry: 2024

Age Structure Habitat Cut

Approved Treatments:

45107001-Cut 17.2 6130 - Fir, Aspen, Poletimber 66 51-80 Harvest Clearcut with 6112 - Lowland Even-Aged No Maple Well Retention Aspen

Prescription Cut all deciduous trees over 2" DBH and all conifers over 4" DBH. Retain any clumps of closed canopy cedar and any overly wet areas.

Treatment size may vary after prep is done. Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Aspen, Bam, fir, spruce, cedar.

Regen:

Other 1 4 1 Comment:

Site Condition

Proposed Start Date: 10/1 /2023

45107002-Cut 51-80 18.5 6112 - Lowland Sawtimber 64 Harvest Clearcut with 6112 - Lowland Even-Aged No Aspen Well Retention Aspen

Prescription Cut all deciduous tress down to 2" DBH and all conifers down to 4". Retain any clumps of closed canopy cedar. Exclude extremely wet

areas and inclusions of immature aspen. Treatment size may vary after prep is done. Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Aspen, Bam, fir, spruce, cedar.

Regen:

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2023

13.6 6122 - Black Spruce Poletimber 45107004-Cut 91 51-80 Harvest 613 - Lowland Even-Aged Nο Clearcut Mixed Forest

Prescription Cut all deciduous trees over 2" DBH and all conifers over 4" DBH. Leave any large diameter white pine in the overstory. Retain any overly

wet areas and any patches of immature trees. Treatment size may vary after prep is done. Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Spruce, cedar, tamarack, fir, aspen/bam, birch, red maple.

Regen:

Other Stand cannot be harvested unless stand 1 to north is harvested, as this stand provides the only access.

Comment:

Site Condition

Compartment: 107

s Year of Entry: 2024 t а **Treatment** Stand **Treatment Treatment Cover Type** Acres Stand Size BA Age Habitat n Method Name CoverType Density Age Range Type Objective Structure Cut d 7 45107007-Cut 199 42290 - Natural Poletimber 51-80 Harvest Clearcut with 4222 - Natural Even-Aged Nο Mixed Pine Medium Retention Jack Pine Prescription Cut all merchantable trees. Leave a healthy white pine maintaining 10-20 BA throughout stand. Avoid low, wet areas containing mostly Specs: black spruce. Treatment size may vary. Retention will be placed as a buffer adjacent to the ERA. Next Step Seeding, Other - Specify; Monitoring, Natural Regen (Re-Inventory) Treatments: Acceptable Mixed pine, aspen, birch. Regen: Good site for broadcast seeding jack pine in winter. Topography of stand will make site prep challenging. Eastern part is in area identified Other 1 4 1 Comment: as muskeg. Avoid muskeg & impacts to it. Site Condition Survey Needed Proposed Start Date: 10/1 /2023 45107010-Cut 19.4 6122 - Black Spruce Poletimber 102 81-110 Harvest Clearcut with 613 - Lowland Two-Aged Nο Retention Mixed Forest Prescription Cut all conifers over 4" DBH and deciduous trees over 2" DBH. Leave all red and white pine over 20" DBH. Also retain any patches of Specs: immature trees and patches of closed canopy cedar. Treatment size may vary after prep is done. Next Step Monitoring, Natural Regen (Re-Inventory) Treatments: Acceptable Spruce, cedar, tamarack, pine, birch, aspen. Regen: Stay out of area identified as muskeg. **Other** Comment: Site Condition Survey Needed Proposed Start Date: 10/1 /2023 45107014-Cut 11.0 6122 - Black Spruce Poletimber 101 81-110 6122 - Black Harvest Clearcut Even-Aged No Spruce <u>Prescription</u> Cut all merchantable trees. No retention do to small size. Treatment size may vary. Specs: Next Step Monitoring, Natural Regen (Intermediate) Treatments: Acceptable Black Spruce, cedar, tamarack. Regen: Other Stay out of area identified as musked on west side. Comment: Site Condition Survey Needed Proposed Start Date: 10/1 /2023 45107021-Cut 13.5 4113 - R.Maple, Poletimber 73 51-80 Harvest Seed Tree with 411 - Northern Uneven-No Conifer Well Retention Hardwood Aged Prescription Cut all merchantable species over 4" DBH. Leave all hemlock. Retain a portion of healthy white pine and yellow birch throughout stand. Create one 0.5 acre retention within stand, preferably containing hemlock and/or white pine. Treatment size may vary. Specs: Next Step Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> Acceptable Northern hardwood Regen: Other Comment:

Proposed Start Date: 10/1 /2023

Site Condition

Compartment: 107

Year of Entry: 2024

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Treatment Treatment Cover Type Acres Stand Size Stand BA **Treatment** Age Habitat n Method Name CoverType Density Age Range Type Objective Structure Cut Ч

25 45107025-Cut 11.2 42340 - Upland Poletimber 91 81-110 Harvest Clearcut with 4134 - Aspen, Even-Aged No Spruce/Fir Well Retention Spruce/Fir

<u>Prescription</u> Clearcut with reserves following the retention guideline. Retain patch within the treatment area for retention and leave conifer 4" and smaller on the site. Some paper birch and white pine should be retained for seed trees and future snags.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Acceptable regen to current mix of species.

Regen:

Old next step comments: 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.

Site Condition

Proposed Start Date: 10/1 /2022

28 45107028-Cut 34.8 4319 - Mixed Sawtimber 82 81-110 Harvest Seed Tree with 4113 - R.Maple, Two-Aged No Upland Forest Well Retention Conifer

Prescription Cut all deciduous trees over 2" DBH and conifers over 4" DBH. Leave all white pine and hemlock over 18" DBH. Leave a healthy, representative maple or birch where pine or hemlock is not present, maintaining an average BA of 20-30 throughout the stand. Also retain any patches of closed canopy cedar. Overly wet areas should also be retained. Treatment size may vary.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Maple, Balsam fir, white pine, hemlock, yellow birch, aspen, spruce.

Regen:

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2023

29 45107029-Cut 14.4 42290 - Natural Poletimber 52 51-80 Harvest Clearcut 4222 - Natural Even-Aged No Mixed Pine Medium Jack Pine

Prescription Clear cut stand, harvesting all merchantable trees.

Specs:

Next Step Burn, Slash; SitePrep, Scarification; Monitoring, Natural Regen (Intermediate); Pesticide, Skidder - Site Prep; SitePrep, Trenching; Treatments: Planting, Initial Plant; Pesticide, Skidder - Release; Monitoring, Artificial Regen(1yr); Monitoring, Arti

Acceptable Jack Pine and other mixed pines

Regen:

Other If natural regeneration of jack pine fails, next steps should change to planting jack pine.

Comment:

Site Condition

Proposed Start Date: 10/1 /2023

30 45107030-Cut 3.0 330 - Low-Density Nonstocked Unspec Harvest Clearcut 4222 - Natural Even-Aged No Trees ified Jack Pine

Prescription Harvest all merchantable trees.

Specs:

Next Step Burn, Slash; SitePrep, Scarification; Monitoring, Natural Regen (Intermediate); Pesticide, Skidder - SitePrep, Trenching; Treatments: Planting, Initial Plant; Pesticide, Skidder - Release; Monitoring, Artificial Regen(1yr); Monitoring, Arti

Acceptable Jack pine and other mixed pine.

Regen:

Other Only to be done if stand 29 is cut. Manage both stands together.

Comment:

If natural regeneration of jack pine fails, next steps should change to planting jack pine.

Site Condition

S t	Sau	it Ste. Mari	e Mgt. Unit		керо	rt 3	I reatments		Compartmen Year of Entry		DNR DNR
a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habita Cut
32	45107032- Monitor	28.9	42110 - Planted Red Pine	Sapling Medium	9	Immatu re	Monitoring	Herbicide Use	4211 - Planted Red Pine	Even-Aged	No
Pres Spec		or for sawfly	y and hardwood cor	npetition.							
	t Step tments:										
Acce Rege	eptable en:										
Othe Com	er Perce nment:	ent to Treat	= 100%								
Site	Condition										
Prop	osed Start Dat	<u>te:</u> 10/1 /20	023								
34	45107034-Cu	t 4.9	42220 - Natural Jack Pine	Poletimbe Poor	er 42	1-50	Harvest	Clearcut	4222 - Natural Jack Pine	Even-Aged	No
Pres Spec		cut stand, I	harvesting all merch	nantable tre	ees. Tre	eatment s	ize may vary.				
			ePrep, Scarification lant; Pesticide, Sk							itePrep, Trend	ching;
Acce Rege	<u>eptable</u> Jack <u>en:</u>	pine, red pii	ne, white pine								
Othe Com	<u>er</u> Curre nment:	ntly an ope	ning with poorly sto	cked pine.	Manag	e with adj	acent stand to e	east.			
COIII		ural regener	ration of jack pine fa	ails, next st	eps sho	ould chang	ge to planting jac	ck pine.			
Site	Condition										
Prop	osed Start Dat	<u>te:</u> 10/1 /20	023								
35	45107035-Cu	t 83.1	42110 - Planted Red Pine	Sawtimbe Well	er 86	111- 140	Harvest	Clearcut	4211 - Planted Red Pine	Even-Aged	No
Pres Spec			harvesting all stems during aerial sprayin								eatly
			ePrep, Trenching; Pesticide, Skidde							egen(3yr); S	itePrep,
Acce Rege	<u>eptable</u> Planto en:	ed red pine									
Othe	er										

<u>Other</u> Comment:

Site Condition

Proposed Start Date: 10/1 /2023

36 45107036-Cut 9.3 42221 - Natural Poletimber 51 81-110 Harvest Clearcut 4222 - Natural Even-Aged No Jack Pine, Mixed Well Jack Pine

Deciduous

Prescription Clear cut stand, harvesting all merchantable trees. Exclude areas of immature aspen. Treatment size may vary.

Specs:

Next Step Burn, Slash; SitePrep, Scarification; Monitoring, Natural Regen (Intermediate); Pesticide, Skidder - Site Prep; SitePrep, Trenching;

Treatments: Planting, Initial Plant; Pesticide, Skidder - Release; Monitoring, Artificial Regen(1yr); Monitoring, Arti

Acceptable Jack pine, red pine, white pine

Regen: <u>Other</u>

If natural regeneration of jack pine fails, next steps should change to planting jack pine.

Comment:

Site Condition

Sault Ste. Marie Mgt. Unit

Stand

Acres

Report 3 -- Treatments

Compartment: 107

s t а

Year of Entry: 2024 **Cover Type** Age Habitat

n Method Name CoverType Density Age Range Type Objective Structure Cut d 37 45107037-Cut 12 4130 - Aspen Sawtimber 111-Harvest Clearcut 4211 - Planted Even-Aged Red Pine Well 140

BA

Treatment

Treatment

Prescription Clear cut portion of stand west of Carp River TT, harvesting all merchantable trees. Plant to red pine to merge with stand 35. Specs:

Stand

Size

Burn, Slash; SitePrep, Trenching; Pesticide, Aerial - Site Prep; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Monitoring, Next Step Treatments: Artificial Regen(3yr); Pesticide, Aerial - Release; Monitoring, Herbicide Use

Acceptable Red Pine

Treatment

Regen:

Other 1 4 1 Comment:

Site Condition BMPs

Proposed Start Date: 10/1 /2023

45107039-Cut 67 42220 - Natural Poletimber 52 1-50 Harvest Clearcut 4211 - Planted Even-Aged No Jack Pine Poor Red Pine

Prescription Clear cut stand, harvesting all merchantable trees. Plant back to red pine to merge with stand 35. Specs:

Burn, Slash; SitePrep, Trenching; Pesticide, Aerial - Site Prep; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Monitoring, Next Step Treatments: Artificial Regen(3yr); Pesticide, Aerial - Release; Monitoring, Herbicide Use; SitePrep, Roller Choppi

Acceptable Red pine

Regen:

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2023

10.2 45107040-Cut 42220 - Natural Poletimber 54 81-110 4222 - Natural Harvest Clearcut Even-Aged No Jack Pine Medium Jack Pine

Prescription Harvest all trees over 2" DBH to promote jack pine regeneration. The carp river should be buffered 150 feet per fisheries biologists Specs:

Burn, Slash; SitePrep, Scarification; Monitoring, Natural Regen (Intermediate); Pesticide, Skidder - Site Prep; SitePrep, Trenching; Treatments: Planting, Initial Plant; Pesticide, Skidder - Release; Monitoring, Artificial Regen(1yr); Monitoring, Arti

Acceptable Jack pine, and other mixed pines.

Regen:

If natural regeneration of jack pine fails, next steps should change to planting jack pine. Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2023

40 45107040-9.5 42220 - Natural Poletimber 54 81-110 Harvest Clearcut 4211 - Planted Even-Aged No Red Pine Jack Pine Medium

Prescription Clear cut stand, harvesting all merchantable trees. Plant to red pine to merge with stand 35.

Specs:

Burn, Slash; SitePrep, Trenching; Pesticide, Aerial - Site Prep; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Monitoring, Next Step Treatments: Artificial Regen(3yr); Pesticide, Aerial - Release; Monitoring, Herbicide Use; SitePrep, Roller Choppi

Acceptable Red Pine

Regen:

Other Comment:

Site Condition

Compartment: 107

Year of Entry: 2024

S t a

Treatment **Treatment Treatment Cover Type** Acres Stand Size Stand BA Age Habitat n Method Name CoverType Density Age Range Type Objective Structure Cut d

41 45107041-Cut 26.1 42220 - Natural Poletimber 63 81-110 Harvest Clearcut 4222 - Natural Even-Aged No Jack Pine Well Jack Pine

<u>Prescription</u> Clear cut stand, harvesting all merchantable trees. Treatment size may vary due to jack pine present in adjacent stands. Exclude immature aspen pockets on edges.

Next Step Burn, Slash; SitePrep, Scarification; Monitoring, Natural Regen (Intermediate); Pesticide, Skidder - SitePrep, Trenching; Treatments: Planting, Initial Plant; Pesticide, Skidder - Release; Monitoring, Artificial Regen(1yr); Monitoring, Mo

Acceptable Jack pine and other mixed pines

Regen:

Other If natural regeneration of jack pine fails, next steps should change to planting jack pine. Comment:

Site Condition

Proposed Start Date: 10/1 /2023

48 45107048-Cut 30.3 429 - Mixed Upland Poletimber 36 81-110 Harvest Clearcut 4222 - Natural Even-Aged No Conifers Well Jack Pine

<u>Prescription</u> Clear cut stand, harvesting all merchantable trees. Treatment size may vary due to jack pine present in adjacent stands. Exclude any <u>Specs:</u> immature aspen pockets on edges. Ozark creek should be buffered 150 feet per fisheries biologists instructions.

Next Step Burn, Slash; SitePrep, Scarification; Monitoring, Natural Regen (Intermediate); Pesticide, Skidder - SitePrep, Trenching; Treatments: Planting, Initial Plant; Pesticide, Skidder - Release; Monitoring, Artificial Regen(1yr); Monitoring, Monitoring, Monitoring, Monitoring, Monitoring, Mo

<u>Acceptable</u> Jack pine and other mixed pines.

Regen:

Other If natural regeneration of jack pine fails, next steps should change to planting jack pine.

Comment:

Site Condition

Proposed Start Date: 10/1 /2023

53 45107053- 4.0 3302 - Low Density Nonstocked Unspec Monitoring Forest Health 4211 - Planted Even-Aged No Monitor Conifer Trees ified Red Pine

<u>Prescription</u> Monitor for RHPS and vegetative competition. If monitoring shows that treatment is recommended, then spray when/if necessary with appropriate insecticide/herbicide recommended by Forest Health Specialist/TMS.

Next Step Pesticide, Other - Specify

Treatments:

Acceptable Red pine

Regen: Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2023

57 45107057-Cut 9.5 6120 - Lowland Sawtimber 81 111- Harvest Seed Tree with 6120 - Lowland Two-Aged No Cedar Well 140 Retention Cedar

<u>Prescription</u> Cut all merchantable trees. Leave all cedar 8" DBH and under. Retain any overly wet areas and any patches of immature cedar. Treatment <u>Specs:</u> size may vary.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Cedar, balsam, birch, aspen, spruce.

Regen:
Other
Comment:
Site Condition

S t			-						Year of Entr	y: 2024	DNR
a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
61	45107061- Monitor	35.7	6229 - Mixed lowland shrub	Nonstocke	ed 0	Unspec ified	Monitoring	Natural Regen (Re-Inventory)	6122 - Black Spruce	Even-Aged	No
Pre Spe		w-up treatme	ent with a regenera	ation survey	as per	the work i	nstructions.				
	<u>tt Step</u> atments:										
Acc Rec		ım fir, black	spruce, white spru	ıce, cedar, r	ed map	ole, aspen,	balsam poplar,	and birch.			
Oth Cor	<u>er</u> nment:										
Site	Condition										
Pro	posed Start Dat	<u>te:</u> 10/1 /20	33								
31	45108031-Cu	ı t 14.1 6	122 - Black Spruc	e Poletimbe Well	er 79	111- 140	Harvest	Clearcut with Retention	613 - Lowland Mixed Forest	Two-Aged	No
Pre Spe			over 2" DBH and s of closed canopy					ed pine over 20" DB is done.	SH. Also retain ar	ny patches of i	mmature
	<u>kt Step</u> Monit atments:	oring, Natur	al Regen (Re-Inve	entory)							
Acc Rec		ce, cedar, ta	marack, pine, birc	h, aspen.							
Oth Cor	<u>er</u> nment:										
Site	Condition Su	urvey Neede	d								

Total Treatment 450 Acreage Proposed:

Sault Ste. Marie Mgt. Unit

Nate Plato : Examiner

Compartment: 107
Year of Entry: 2024

	=	Managemer		<u>_</u>			_				
Total	Acres	Acres Avail	Acres	Ľ	omina	nt Site	e Con	dition	S		
Acres	Available	With Condition	Not Available		21	5C	2G	2H	3A	3J	5E
365	345	0	20	Aspen						20	
243	177	33	33	Cedar		33	0	3	23	7	
61	0	0	61	Herbaceous Openland						61	
85	74	0	12	Jack Pine						12	
28	28	0	0	Low-Density Trees							
19	19	0	0	Lowland Aspen/Balsam Poplar							
146	142	0	4	Lowland Conifers	0					4	
17	17	0	0	Lowland Mixed Forest							
103	103	0	0	Lowland Shrub				0		0	
158	14	134	10	Lowland Spruce/Fir	30	104	5			6	
6	6	0	0	Marsh							
10	0	0	10	Mixed Upland Deciduous			0	8	1		
40	20	20	0	Natural Mixed Pines	20	0			0		
15	15	0	0	Northern Hardwood							
9	0	0	9	Planted Mixed Pines						9	
380	368	0	12	Red Pine							12
83	77	0	6	Treed Bog					6		
60	56	0	4	Upland Conifers						4	
54	54	0	0	Upland Mixed Forest							
11	11	0	0	Upland Spruce/Fir							
1	1	0	0	Water						0	
1,896	1,528	187	180	Total Forested Acres	50	137	5	11	30	122	1:
	81%	10%	10%	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
1	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	3	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Carp River Buffer						

Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Nate Plato : Examiner

2	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	8	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
3	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	88	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Stand needs to add	d more diameter and adjacent s	tands n	eed to regenerate before s	stand can be treated.		
4	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	15	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
5	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	15	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Harvest when adja	cent aspen stand is ready. Acc	ess is th	nrough USFS land, so not	feasible to harvest by itself.		
6	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	4	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Carp River buffer.						
7	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	4	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						

Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Nate Plato: Examiner

8	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	6	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
	Comments: Stand is being left a	s a buffer for the wetland to the	e north				
9	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	3	Unspecified	Unspecified	Unspecified	Unspecified
(Comments:						
10	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	7	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Ozark creek buffer.						
11	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	18	5F: Evaluated for Forest Health Considerations	Unspecified	Unspecified	Unspecified
	Comments:						
12	Unavailable	5E: Long-Term Retention	12	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Long term retention	along Carp River.					
13	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	4	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Ozark Creek buffer.						

Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit
Nate Plato: Examiner

14	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	5	Unspecified	Unspecified	Unspecified	Unspecified
С	comments:						
15	Available	2I: Survey needed	64	Unspecified	Unspecified	Unspecified	Unspecified
С	comments:						
16	Unavailable	3A: Conservation Values incompatible with harvest at this time	6	Unspecified	Unspecified	Unspecified	Unspecified
	comments: RA						
17	Unavailable	3A: Conservation Values incompatible with harvest at this time	24	Unspecified	Unspecified	Unspecified	Unspecified
	comments: RA						
18	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	86	Unspecified	Unspecified	Unspecified	Unspecified
C	comments:						
19	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	9	Unspecified	Unspecified	Unspecified	Unspecified
С	comments:						

Mgt. Unit

Compartment: #Type!
Year of Entry:



Report 5 - 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
Comments				

Sault Ste. Marie Mgt. Unit Compa





Report 6 – EXISTING SPECIAL CONSERVATION AREA DETAILS

* This is a list of SCA's for this compartment along with a 1/4 mile buffer surrounding the compartment. Refer to the Special Conservation Area Map for locations of the below listed Conservation Areas.

Conservatio Area	n Type	Description	ERA = Ecological Reference Area HCVA = High Conservation Value Area SCA = Special Conservation Area
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen cond stocked trout populations and those of other coldwater fish speci year to year. Coldwater streams in Michigan typically provide the contributions of groundwater to their stream flows. Such streams designated as trout resources by Fisheries Order 210.	es (e.g., slimy sculpin) to persist from se conditions due to substantial
SCA	Riparian Area	A transitional area between aquatic and terrestrial ecosystems in influences the aquatic ecosystem and vice-versa. Because of the streams and open water wetlands, riparian areas harbor a high of communities are ecologically and socially significant in their effects as aesthetics, habitat, bank stability, timber production, and their	e unique conditions adjacent to lakes, liversity of plants and wildlife. Riparian cts on water quality and quantity, as well
ERA	Ecological Reference Areas	Ecological Reference Areas (ERAs) are high quality examples of identified as Element Occurrences (EOs) by the Michigan Natura context of their natural community classification system. Element (Excellent) or B (Good) and a Global (G) or State (S) element (ra threatened (2), or rare (3) serve as an initial base of ERAs. They the State. The system is comprised of individual or associations managed for restoration and maintenance of natural ecological p submit recommendations for lands as ERAs using the DNR Constitution.	In Features Inventory (MNFI) within the statute of A cocurrences with viability ranks of A crity) ranking of endangered (1), may be located upon any ownership in of natural community types that are processes and values. The public may



Stand	Level 4 Co	over Type		Size Dens	sity	Acres S	tand Age B	A Range	Managed S	Site	General Comments
1	6130 - Fir, <i>i</i>	Aspen, Map	ole F	Poletimber	Well	17.2	66	51-80	N/A		Mixed lowland aspen. BA getting lower due to mortality. Wet in spots.
(Canopy Species	% Cover	Size Class	DBH A	\ge	Sub-Cano	py Species	Density	Avg. Height	Size	Some alder throughout. Dense fir understory through much of stand.
	Red Maple	12	Pole	7		Red	Maple	Medium	Variable	Sapling	
(Quaking Aspen	40	Pole/Log	9	66	Balsa	am Fir	High	Variable	Sapling	
[Balsam Poplar	5	Pole	8							•
	Balsam Fir	20	Pole	8							
	White Spruce	13	Pole/Log	9							
Nort	thern White Cedar	5	Pole	6							
	Black Spruce	5	Pole	7							
2	6112 - Lov	wland Aspe	n S	Sawtimber	Well	18.5	64	51-80	N/A		Decent Mackinac mix stand. Heavy to aspen/bam. Overall decent
(Canopy Species	% Cover	Size Class	DBH A	Age	Sub-Cano	py Species	Density	Avg. Height	Size	stocking, but some open areas containing tag alder present. Mostly cedar in Northern finger. Wet stand.
	Balsam Fir	10	Pole	7		Red	Maple	Low	Variable	Sapling	ocaa iii rtoratori iiiigor. Procotana.
E	Balsam Poplar	25	Log/Pole	10		Tag	Alder	Medium	5 - 10 feet	Tall Shrub	
	White Spruce	5	Pole	8		Balsa	am Fir	Medium	Variable	Sapling	
(Quaking Aspen	40	Log/Pole	10	64					•	•
	Black Spruce	5	Pole	7							
Nort	thern White Cedar	5	Pole	6							
	Red Maple	10	Pole	8							
3	4130	- Aspen		Sapling V	Vell	26.6	25	51-80	N/A		Nice aspen stand. Mostly sapling size. Along ridge. Some conifer mixed
(Canopy Species	% Cover	Size Class	DBH A	Age	Sub-Cano	py Species	Density	Avg. Height	Size	in throughout stand. Tag alder inclusion on north side of stand.
	Balsam Fir	10	Sapling	4		Red	Maple	Low	< 5 feet	Sapling	
Е	Bigtooth Aspen	65	Sapling/Pole	4	25	Balsa	am Fir	Low	< 5 feet	Sapling	
E	Balsam Poplar	5	Sapling	4							•
(Quaking Aspen	20	Sapling/Pole	4	26						
4	6122 - Bl	ack Spruce	Po	letimber N	1edium	13.6	91	51-80	N/A		Poor quality black spruce stand. Small diameters and wet. Stand is
	Canopy Species	% Cover	Size Class	DBH A	\ge	Sub-Cano	py Species	Density	Avg. Height	Size	variable and patchy. Most of the aspen has died.
	Paper Birch	10	Pole	7		Tag	Alder	Medium	5 - 10 feet	Tall Shrub	
	i apei biion		Pole	7	91	Black	Spruce	Medium	Variable	Sapling	
	Black Spruce	80	Fole	/						1	1
		10	Pole	6		Balsa	am Fir	Low	< 5 feet	Sapling	
	Black Spruce thern White Cedar				ked	26.1		Low	< 5 feet	Sapling	Very wet bog. Drainage in southern part of stand. ERA in north part of
Nort	Black Spruce thern White Cedar	10		6	ked	26.1			-	Sapling	Very wet bog. Drainage in southern part of stand. ERA in north part of stand.



Stand	d Level 4 Cover Type		Size Density		Acres Stand Age BA Range			Managed	Site	General Comments	
6	6122 - Bl	ack Spruce	Pole	etimber N	Medium	15.3	91	51-80	N/A		Poor quality black spruce, small diameters and wet. Scattered large white pine. Check next entry for large enough overall diameter to harvest.
	Canopy Species	% Cover	Size Class	DBH A	Age	Sub-Canopy	Species	Density	Avg. Height	Size	pine. Check flext entry for large enough overall diameter to harvest.
	Paper Birch	10	Pole	8		Balsam		Low	Variable	Sapling	
	Black Spruce	85	Pole/Sapling		91	Tag Ald	der	Medium	5 - 10 feet	Tall Shrub	
	White Pine	5	Log	15		Black Sp	ruce	Medium	Variable	Sapling	
7	42290 - Natu	ıral Mixed F	Pine Pole	etimber N	Medium	26.0	80	51-80	N/A		Series of finger ridges containing mixed pine and spruce. Some paper birch and red maple. Mostly lowland conifer below ridges. Could
	Canopy Species	% Cover	Size Class	DBH A	Age	Sub-Canopy	Species	Density	Avg. Height	Size	potentially grow good jack pine on higher ground.
	Paper Birch	10	Pole	8		Black Sp	ruce	Low	Variable	Sapling	
	Black Spruce	20	Pole	7		Red Ma	ple	Low	Variable	Sapling	
	White Pine	40	Pole/Log	9	80	Paper B	irch	Low	Variable	Sapling	
	Jack Pine	25	Pole	7							•
	Red Maple	5	Pole	7							
8	6120 - Lov	wland Ceda	r Po	oletimber	r Well	175.2	105	171-200	N/A		Variable cedar stand in both size and density. Very wet in spots where cedar has died. Other swamp conifer mixed in. Some nice patches of
	Canopy Species	% Cover	Size Class	DBH A	Age	Sub-Canopy	Species	Density	Avg. Height	Size	cedar present. No deer sign present. ERA's in north and south parts of
	Balsam Poplar	10	Pole	7		Balsam	Fir	Medium	Variable	Sapling	stand.
	Balsam Fir	5	Pole	6		Northern Whi	te Cedar	Low	Variable	Sapling	
No	orthern White Cedar	60	Pole	7	105	Tag Ald	der	Low	Variable	Tall Shrub	
	Red Maple	5	Pole	7							
	Black Spruce	10	Pole/Sapling	6							
	Paper Birch	10	Pole	7							
9	6224 - 1	Γreed Bog		Nonstoc	ked	17.4			No		Wet bog. Stunted black spruce.
						Sub-Canopy	Species	Density	Avg. Height	Size	
						White P	ine	Low	Variable	Sapling	
						Black Sp	ruce	Low	Variable	Sapling	
						Tamara	ick	Low	Variable	Sapling	
10	6122 - Bl	ack Spruce	Po	oletimber	r Well	19.4	102	81-110	N/A		Mixed pine and black spruce stand. Variable sizes on black spruce. Mix of red and white pine. Some oversized. Quality decreases on southern
	Canopy Species	% Cover	Size Class	DBH A	Age	Sub-Canopy	Species	Density	Avg. Height	Size	edge of stand.
	Black Spruce	65	Pole	7	102	Balsam	Fir	High	Variable	Sapling	-
	Red Pine	10	Log	15		Black Sp	ruce	Low	< 5 feet	Sapling	
	Quaking Aspen	5	Pole	7		Red Ma	ple	Low	5 - 10 feet	Sapling	
	Red Maple	2	Pole	7							
	Paper Birch	3	Pole	6							



Stand	Level 4 Co	ver Type	\$	Size Density	Acres	Stand Age I	BA Range	Managed S	Site	General Comments
11	622 - Lowl	land Shrul	0	Nonstocked	15.2		Immature	No		Tag alder with patches of lowland conifer.
					Sub-Ca	nopy Species	Density	Avg. Height	Size	
					Ta	g Alder	High	5 - 10 feet	Tall Shrub	
					Northern	White Cedar	Low	Variable	Sapling	
					Blac	k Spruce	Low	Variable	Sapling	
12	6129 - Mixed Conife	rous Lowl	and Forest Po	oletimber Poor	121.7	76	1-50	N/A		Lowland conifer and tag alder. Mosaic stand. pockets of lowland conifer
(Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	surrounded by tag alder. Mostly cedar, but southern and western ends have decent black spruce. Immature though.
	Black Spruce	40	Pole/Sapling	6	Northern	White Cedar	Low	Variable	Sapling	nave decent stack oprace. Immatare triough.
	Tamarack	20	Pole/Sapling	6	Blac	k Spruce	Low	Variable	Sapling	
Nort	hern White Cedar	40	Pole/Sapling	6 76	Ta	g Alder	High	5 - 10 feet	Tall Shrub	
					Та	marack	Low	Variable	Sapling	
13	4191 - Mixed Uplar Cor	nd Decidu nifer	ous with P	oletimber Well	9.6	102	81-110	N/A		Very wet to access stand. Data taken from adjacent compartment. Hardwood conifer swamp identified by MNFI. ERA to north.
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Paper Birch	50	Pole	7 102	Ва	sam Fir	Low	Variable	Sapling	
C	Quaking Aspen	20	Pole	7	Pap	er Birch	Low	Variable	Sapling	
,	White Spruce	5	Pole	7					1	
	Balsam Fir	15	Pole	6						
	Red Maple	10	Pole	7						
				,						
14	6122 - Bla	ck Spruce	e P	oletimber Well	11.0	101	81-110	N/A		Nice stand of black spruce. Good overall diameter. Stocking is good,
	•		Posize Class			101		N/A Avg. Height	Size	Nice stand of black spruce. Good overall diameter. Stocking is good, but patchy in spots.
	6122 - Bla			oletimber Well	Sub-Ca				Size Tall Shrub	but patchy in spots.
(6122 - Bla Canopy Species	% Cover	Size Class	oletimber Well	Sub-Ca	nopy Species	Density	Avg. Height		but patchy in spots.
	6122 - Bla Canopy Species Tamarack	% Cover	Size Class Pole	oletimber Well DBH Age 7	Sub-Car Ta	nopy Species g Alder	Density Low	Avg. Height Variable	Tall Shrub	but patchy in spots.
	6122 - Bla Canopy Species Tamarack	% Cover 5 95	Size Class Pole Pole/Log	oletimber Well DBH Age 7	Sub-Car Ta	nopy Species g Alder d Maple sam Fir	Low Medium	Avg. Height Variable 5 - 10 feet	Tall Shrub Sapling	but patchy in spots.
	6122 - Bla Canopy Species Tamarack Black Spruce	% Cover 5 95	Size Class Pole Pole/Log	oletimber Well DBH Age 7 8 101	Sub-Cal Ta Re Ba	nopy Species g Alder d Maple sam Fir	Low Medium Medium	Avg. Height Variable 5 - 10 feet 5 - 10 feet	Tall Shrub Sapling	No access to this stand. This stand goes into two other compartments and wasn't accessible from any of those either. Data taken from adjacent
15	6122 - Bla Canopy Species Tamarack Black Spruce 6122 - Bla	% Cover 5 95	Size Class Pole Pole/Log	oletimber Well DBH Age 7 8 101 oletimber Well	Sub-Cal	nopy Species g Alder d Maple sam Fir	Low Medium Medium Jnspecified	Avg. Height Variable 5 - 10 feet 5 - 10 feet N/A	Tall Shrub Sapling	No access to this stand. This stand goes into two other compartments and wasn't accessible from any of those either. Data taken from adjacent compartment.
15	6122 - Bla Canopy Species Tamarack Black Spruce 6122 - Bla	% Cover 5 95	Size Class Pole Pole/Log	oletimber Well DBH Age 7 8 101 oletimber Well	Sub-Ca Ta Re Ba 4.7 21.4 Sub-Ca	g Alder d Maple sam Fir	Low Medium Medium Jnspecified	Avg. Height Variable 5 - 10 feet 5 - 10 feet N/A	Tall Shrub Sapling Sapling	No access to this stand. This stand goes into two other compartments and wasn't accessible from any of those either. Data taken from adjacent compartment.
15	6122 - Bla Canopy Species Tamarack Black Spruce 6122 - Bla	% Cover 5 95	Size Class Pole Pole/Log	oletimber Well DBH Age 7 8 101 oletimber Well	Sub-Cal Re Ba 4.7 21.4 Sub-Cal Blace	g Alder d Maple sam Fir 103	Low Medium Medium Jnspecified Immature Density	Avg. Height Variable 5 - 10 feet 5 - 10 feet N/A No Avg. Height	Tall Shrub Sapling Sapling	No access to this stand. This stand goes into two other compartments and wasn't accessible from any of those either. Data taken from adjacent compartment.

Report 7 – Stands



Stan	d Level 4 Co										
17	4139 - Aspen, I	Mixed Dec	iduous	Sapling	g Well	48.7 15	lm	mature	N/A		Clear cut in 2008 as part of the Lazy Rooster Mix timber sale. The rege
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Canopy Sp	ecies	Density	Avg. Height	Size	the south. Some white pine left as residual from previous harvest.
	Quaking Aspen	50	Sapling	2	15	White Pine		Low	< 5 feet	Sapling	Regen is poor in these spots.
	Black Cherry	40	Sapling	2		Balsam Fir		Low	< 5 feet	Sapling	
	Paper Birch	3	Sapling	2							
	White Pine	5	XLog/Log	18							
	Balsam Fir	2	Sapling	2							
18	6122 - Bla	ack Spruce	e P	oletimb	er Well	88.4 88	8	31-110	N/A		Fully stocked black spruce stand. Mostly immature poletimber. Other
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Canopy Sp	ecies	Density	Avg. Height	Size	Lowland conifer mixed in. Some narrow ridges throughout containing white and jack pine. Will be nice in 10-20 years.
	White Pine	3	Log	12		Black Spruce	е	Low	Variable	Sapling	write and jack pine. Will be filed in 10-20 years.
	Black Spruce	90	Pole	6	88	Balsam Fir		Low	Variable	Sapling	
	Jack Pine	2	Pole	9				'			•
	Tamarack	2	Pole	6							
	Paper Birch	3	Pole	7							
19	6224 - T	Freed Bog		Nonsto	ocked	7.4			No		Treed bog containing spruce, tamarack and white pine.
					ocked Mediun		Uns	specified	No N/A		Info taken from adjacent stand. Only cedar left alive. Many spruce snag
		wland Ceda		etimber				specified Density		Size	
20	6120 - Lov	wland Ceda	ar Pol	etimber	r Mediun	n 3.0 98	ecies	<u> </u>	N/A	Size Sapling	Info taken from adjacent stand. Only cedar left alive. Many spruce sna
20	6120 - Lov Canopy Species	wland Ceda	ar Pol	etimber DB H	Mediun	n 3.0 98 Sub-Canopy Sp	ecies	Density	N/A Avg. Height		Info taken from adjacent stand. Only cedar left alive. Many spruce sna Possibly due to high table. Formerly S6 stand. No access.
20	6120 - Lov Canopy Species orthern White Cedar	wland Ceda	ar Pole Size Class Pole/Sapling	etimber DBH	Mediun	n 3.0 98 Sub-Canopy Sp Black Spruce	ecies	Density Low	N/A Avg. Height Variable	Sapling	Info taken from adjacent stand. Only cedar left alive. Many spruce snag Possibly due to high table. Formerly S6 stand. No access.
20	6120 - Lov Canopy Species orthern White Cedar Balsam Poplar	wland Ceda % Cover 90 3	ar Pole Size Class Pole/Sapling Pole	etimber DBH 6 7	Mediun	n 3.0 98 Sub-Canopy Sp Black Spruce	ecies	Density Low	N/A Avg. Height Variable	Sapling	Info taken from adjacent stand. Only cedar left alive. Many spruce snag Possibly due to high table. Formerly S6 stand. No access.
20	6120 - Lov Canopy Species orthern White Cedar Balsam Poplar Tamarack	wland Ceda % Cover 90 3 2	ar Pole Size Class Pole/Sapling Pole Pole	etimber DBH 6 7	Mediun	n 3.0 98 Sub-Canopy Sp Black Spruce	ecies	Density Low	N/A Avg. Height Variable	Sapling	Info taken from adjacent stand. Only cedar left alive. Many spruce snag Possibly due to high table. Formerly S6 stand. No access.
20 No	6120 - Lov Canopy Species orthern White Cedar Balsam Poplar Tamarack Black Spruce Paper Birch	wland Ceda % Cover 90 3 2 4 1	ar Pole Size Class Pole/Sapling Pole Pole Pole/Sapling Pole	etimber DBH 6 7 7 7 6	Mediun	n 3.0 98 Sub-Canopy Sp Black Spruce	e	Density Low	N/A Avg. Height Variable	Sapling	Info taken from adjacent stand. Only cedar left alive. Many spruce snag Possibly due to high table. Formerly S6 stand. No access. Thinned in 2008 as part of the Lazy Rooster Mix timber sale. Poor qual
20 No	6120 - Lov Canopy Species orthern White Cedar Balsam Poplar Tamarack Black Spruce Paper Birch	wland Ceda % Cover 90 3 2 4 1	ar Pole Size Class Pole/Sapling Pole Pole Pole/Sapling Pole	etimber DBH 6 7 7 7 6 oletimb	Medium Age 98	n 3.0 98 Sub-Canopy Sp Black Spruce Tag Alder	e E	Density Low Low	N/A Avg. Height Variable 5 - 10 feet	Sapling	Info taken from adjacent stand. Only cedar left alive. Many spruce snag Possibly due to high table. Formerly S6 stand. No access. Thinned in 2008 as part of the Lazy Rooster Mix timber sale. Poor qual
20 No	6120 - Lov Canopy Species orthern White Cedar Balsam Poplar Tamarack Black Spruce Paper Birch 4113 - R.M	wland Ceda % Cover 90 3 2 4 1	ar Pole Size Class Pole/Sapling Pole Pole Pole/Sapling Pole Pole/Sapling Pole	etimber DBH 6 7 7 7 6 oletimb	r Mediun I Age 98 98 98	n 3.0 98 Sub-Canopy Sp Black Spruce Tag Alder 13.5 73	e E	Density Low Low	N/A Avg. Height Variable 5 - 10 feet N/A	Sapling Tall Shrub	Info taken from adjacent stand. Only cedar left alive. Many spruce snage Possibly due to high table. Formerly S6 stand. No access. Thinned in 2008 as part of the Lazy Rooster Mix timber sale. Poor quandardwood stand. Mostly red maple mixed with birch and some conifer.
20 No	6120 - Lov Canopy Species orthern White Cedar Balsam Poplar Tamarack Black Spruce Paper Birch 4113 - R.M Canopy Species	wland Ceda % Cover 90 3 2 4 1 laple, Coni	ar Pole Size Class Pole/Sapling Pole Pole Pole/Sapling Pole Fole Size Class	etimber DBH 6 7 7 7 6 oletimb	r Mediun I Age 98 98 98	n 3.0 98 Sub-Canopy Sp Black Spruce Tag Alder 13.5 73 Sub-Canopy Sp	pecies e	Density Low Low 51-80 Density	N/A Avg. Height Variable 5 - 10 feet N/A Avg. Height	Sapling Tall Shrub	Info taken from adjacent stand. Only cedar left alive. Many spruce snag Possibly due to high table. Formerly S6 stand. No access. Thinned in 2008 as part of the Lazy Rooster Mix timber sale. Poor qual hardwood stand. Mostly red maple mixed with birch and some conifer.
20 No	6120 - Low Canopy Species orthern White Cedar Balsam Poplar Tamarack Black Spruce Paper Birch 4113 - R.M Canopy Species Balsam Fir	wland Ceda % Cover 90 3 2 4 1 laple, Coni % Cover	ar Pole Size Class Pole/Sapling Pole Pole Pole/Sapling Pole Pole Size Class Pole	etimber DBH 6 7 7 7 6 oletimb DBH 6	r Mediun I Age 98 98 98	n 3.0 98 Sub-Canopy Sp Black Spruce Tag Alder 13.5 73 Sub-Canopy Sp Beech	e Epecies	Density Low Low 51-80 Density Low	N/A Avg. Height Variable 5 - 10 feet N/A Avg. Height Variable	Sapling Tall Shrub Size Sapling	Info taken from adjacent stand. Only cedar left alive. Many spruce snar Possibly due to high table. Formerly S6 stand. No access. Thinned in 2008 as part of the Lazy Rooster Mix timber sale. Poor qua hardwood stand. Mostly red maple mixed with birch and some conifer.
20 No	6120 - Lov Canopy Species orthern White Cedar Balsam Poplar Tamarack Black Spruce Paper Birch 4113 - R.M Canopy Species Balsam Fir White Spruce	wland Ceda % Cover 90 3 2 4 1 laple, Coni % Cover 10 10	ar Pole Size Class Pole/Sapling Pole Pole/Sapling Pole Pole/Sapling Pole For Pole Size Class Pole Pole	etimber DBH	r Mediun I Age 98 98 98	n 3.0 98 Sub-Canopy Sp Black Spruce Tag Alder 13.5 73 Sub-Canopy Sp Beech Maple (spp.)	e Epecies	Density Low Low 51-80 Density Low Medium	N/A Avg. Height Variable 5 - 10 feet N/A Avg. Height Variable Variable	Sapling Tall Shrub Size Sapling Sapling	Info taken from adjacent stand. Only cedar left alive. Many spruce snar Possibly due to high table. Formerly S6 stand. No access. Thinned in 2008 as part of the Lazy Rooster Mix timber sale. Poor qua hardwood stand. Mostly red maple mixed with birch and some conifer.
20 No	6120 - Lov Canopy Species orthern White Cedar Balsam Poplar Tamarack Black Spruce Paper Birch 4113 - R.M Canopy Species Balsam Fir White Spruce White Pine	wland Ceda % Cover 90 3 2 4 1 laple, Coni % Cover 10 10 3 3 2	ar Pole Size Class Pole/Sapling Pole Pole/Sapling Pole Fole Size Class Pole Pole Log/Pole	etimber DBH 6 7 7 6 0letimb DBH 6 6 6 12 12 12	r Mediun I Age 98 98 98	n 3.0 98 Sub-Canopy Sp Black Spruce Tag Alder 13.5 73 Sub-Canopy Sp Beech Maple (spp.)	e Epecies	Density Low Low 51-80 Density Low Medium	N/A Avg. Height Variable 5 - 10 feet N/A Avg. Height Variable Variable	Sapling Tall Shrub Size Sapling Sapling	Info taken from adjacent stand. Only cedar left alive. Many spruce snar Possibly due to high table. Formerly S6 stand. No access. Thinned in 2008 as part of the Lazy Rooster Mix timber sale. Poor qua hardwood stand. Mostly red maple mixed with birch and some conifer.
20 No	6120 - Lov Canopy Species orthern White Cedar Balsam Poplar Tamarack Black Spruce Paper Birch 4113 - R.M Canopy Species Balsam Fir White Spruce White Pine Paper Birch	wland Ceda % Cover 90 3 2 4 1 laple, Coni % Cover 10 10 3 3	ar Pole Size Class Pole/Sapling Pole Pole Pole/Sapling Pole Size Class Pole Log/Pole Log/Pole	etimber DBH	98 98 98 I Age	n 3.0 98 Sub-Canopy Sp Black Spruce Tag Alder 13.5 73 Sub-Canopy Sp Beech Maple (spp.)	e Epecies	Density Low Low 51-80 Density Low Medium	N/A Avg. Height Variable 5 - 10 feet N/A Avg. Height Variable Variable	Sapling Tall Shrub Size Sapling Sapling	Info taken from adjacent stand. Only cedar left alive. Many spruce snar Possibly due to high table. Formerly S6 stand. No access. Thinned in 2008 as part of the Lazy Rooster Mix timber sale. Poor qua hardwood stand. Mostly red maple mixed with birch and some conifer.
20 No	Canopy Species orthern White Cedar Balsam Poplar Tamarack Black Spruce Paper Birch 4113 - R.M Canopy Species Balsam Fir White Spruce White Pine Paper Birch Red Pine	wland Ceda % Cover 90 3 2 4 1 laple, Coni % Cover 10 10 3 3 2	ar Pole Size Class Pole/Sapling Pole Pole/Sapling Pole Fole Size Class Pole Pole Log/Pole Log/Pole Log/Pole	etimber DBH 6 7 7 6 0letimb DBH 6 6 6 12 12 12	r Mediun I Age 98 98 98	n 3.0 98 Sub-Canopy Sp Black Spruce Tag Alder 13.5 73 Sub-Canopy Sp Beech Maple (spp.)	e Epecies	Density Low Low 51-80 Density Low Medium	N/A Avg. Height Variable 5 - 10 feet N/A Avg. Height Variable Variable	Sapling Tall Shrub Size Sapling Sapling	Info taken from adjacent stand. Only cedar left alive. Many spruce snag Possibly due to high table. Formerly S6 stand. No access. Thinned in 2008 as part of the Lazy Rooster Mix timber sale. Poor qual hardwood stand. Mostly red maple mixed with birch and some conifer.
20 No 21	Canopy Species orthern White Cedar Balsam Poplar Tamarack Black Spruce Paper Birch 4113 - R.M Canopy Species Balsam Fir White Spruce White Pine Paper Birch Red Pine Hemlock Red Maple	wland Ceda % Cover 90 3 2 4 1 laple, Coni % Cover 10 10 3 3 2 2 2	ar Pole Size Class Pole/Sapling Pole Pole/Sapling Pole Fole Size Class Pole Log/Pole Log/Pole Log/Pole Log/Pole Log Pole	etimber DBH 6 7 7 6 0letimb DBH 6 6 12 12 12 12	98 98 98 Per Well Age 73	n 3.0 98 Sub-Canopy Sp Black Spruce Tag Alder 13.5 73 Sub-Canopy Sp Beech Maple (spp.)	e Epecies	Density Low Low 51-80 Density Low Medium	N/A Avg. Height Variable 5 - 10 feet N/A Avg. Height Variable Variable	Sapling Tall Shrub Size Sapling Sapling	Info taken from adjacent stand. Only cedar left alive. Many spruce snar Possibly due to high table. Formerly S6 stand. No access. Thinned in 2008 as part of the Lazy Rooster Mix timber sale. Poor qua hardwood stand. Mostly red maple mixed with birch and some conifer.
	Canopy Species orthern White Cedar Balsam Poplar Tamarack Black Spruce Paper Birch 4113 - R.M Canopy Species Balsam Fir White Spruce White Pine Paper Birch Red Pine Hemlock Red Maple	wland Ceda % Cover 90 3 2 4 1 laple, Coni % Cover 10 10 3 3 2 2 70	ar Pole Size Class Pole/Sapling Pole Pole/Sapling Pole Fole Size Class Pole Log/Pole Log/Pole Log/Pole Log/Pole Log Pole	etimber DBH 6 7 7 6 oletimb DBH 6 6 12 12 12 12 8	98 98 98 Per Well Age 73	n 3.0 98 Sub-Canopy Sp Black Spruce Tag Alder 13.5 73 Sub-Canopy Sp Beech Maple (spp.) Balsam Fir	pecies e	Density Low Low 51-80 Density Low Medium	N/A Avg. Height Variable 5 - 10 feet N/A Avg. Height Variable Variable Variable Variable	Sapling Tall Shrub Size Sapling Sapling	Info taken from adjacent stand. Only cedar left alive. Many spruce snag Possibly due to high table. Formerly S6 stand. No access. Thinned in 2008 as part of the Lazy Rooster Mix timber sale. Poor qual hardwood stand. Mostly red maple mixed with birch and some conifer. Good advanced regen throughout.

ort 7 – Stands Compartment: 107
Year of Entry: 2024

DNR DICHIGAN

Stand	Level 4 C	over Type	;	Size De	ensity	Acres	Stand Age B	BA Range	Managed \$	Site	General Comments
23	6120 - Lo	wland Ceda	r Po	letimbei	r Medium	15.1	127	51-80	N/A		Extremely variable stand. Pockets of timber surrounded by tag alder. Mixed species, but mostly cedar. Variable sizes. Some aspen clones
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	anopy Species	Density	Avg. Height	Size	crept in along edge from adjacent stand. Check next entry.
	Balsam Fir	15	Pole/Sapling	6		T	ag Alder	Medium	10 - 20 feet	Tall Shrub	
	Paper Birch	5	Pole	8		Ва	alsam Fir	Low	Variable	Sapling	
	Tamarack	5	Pole/Sapling	5							
	Red Maple	5	Pole	6							
Nor	thern White Cedar	70	Pole	8	127						
24	4134 - Aspe	en, Spruce/	Fir	Sapling	g Well	197.8	24	Immature	N/A		Cut as part of the Thunder Alley Aspen timber sale between 1998 and
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	anopy Species	Density	Avg. Height	Size	2000. Some cut pre fire and some cut post fire. Portions of stand were burned over in 1999 by the Thunder Alley Fire. This is a variable stand.
	White Spruce	10	Sapling	3		Ва	alsam Fir	Medium	< 5 feet	Sapling	Primarily aspen but lower areas have nice tamarack, spruce and balsam.
	Black Spruce	2	Sapling	2				'		-	
	Red Maple	10	Sapling	3							
	Black Cherry	2	Sapling	2							
	Paper Birch	5	Sapling	3							
	Balsam Fir	10	Sapling	3							
	Quaking Aspen	54	Sapling	3	24						
	Tamarack	2	Sapling	2							
	Bigtooth Aspen	5	Sapling	3							
25	42340 - Upla			Poletimb		11.2	91	81-110	N/A		Stand data taken from adjacent compartment. Spruce stand surrounded by tag alder swamps. Being cut with adjacent stand to south. Crane mats
	Canopy Species		Size Class		l Age		anopy Species		Avg. Height	Size	needed for access.
	Black Spruce	25	Pole/Log	8	91		ite Spruce	Low	Variable	Sapling	
	Paper Birch	15	Pole	8			ck Spruce	Low	Variable	Sapling	
	Quaking Aspen	15	Pole/Log	9	96	Ba	alsam Fir	Low	Variable	Sapling	
	White Spruce	25	Pole/Log	8							
	Balsam Fir	10	Pole	7							
	Red Maple	10	Pole	8							
26	429 - Mixed L	Jpland Con	ifers S	Sapling I		4.5	21	1-50	N/A		This stand was burned in 2002, the Thunder Alley Two fire. Sparse large diameter white pine and red maple in overstory. Dense understory of
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	anopy Species	Density	Avg. Height	Size	white pine, red pine, fir, spruce and paper birch.
	White Pine	30	Sapling	4	21	Re	ed Maple	Medium	Variable	Sapling	
	Red Pine	10	Sapling	4		Pa	per Birch	Medium	Variable	Sapling	
	Balsam Fir	15	Sapling	4		W	hite Pine	Low	Variable	Sapling	
Nor	thern White Cedar	5	Pole	6							
	White Pine	5	XLog	20	144						
	Red Maple	5	Log	16							
	Paper Birch	30	Sapling	3							

Sault Ste. Marie Mgt. Unit



27	330 - Low-E	ensity Tre		pe Size Density					General Comments	
		,	es	Nonsto	cked	21.1		No		Grassy opening containing fir, white and jack pine.
						Sub-Canopy Species	s Density	Avg. Height	Size	
						White Pine	Low	Variable	Pole	
						Jack Pine	Low	Variable	Pole	
						Balsam Fir	Low	Variable	Pole	
28	4319 - Mixed	Upland Fo	rest S	awtimb	er Well	34.8 82	81-110	N/A		Mixed white pine/hardwood stand. Pockets of low ground with cedar in
С	anopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	s Density	Avg. Height	Size	the stand. Paper birch and large red maple log trees. North end contains a small tag alder inclusion. More hardwood on very north end.
F	Paper Birch	20	Pole/Log	9		Balsam Fir	High	5 - 10 feet	Sapling	a cinali tag alaci includion. More haraneed on very horar end.
Qı	uaking Aspen	10	Pole	8		Black Spruce	Low	5 - 10 feet	Sapling	
	Red Maple	25	Log/Pole	12	82	White Pine	Low	Variable	Sapling	
	Balsam Fir	10	Pole	7		White Spruce	Low	5 - 10 feet	Sapling	
V	Vhite Spruce	5	Pole	7		Red Maple	Medium	5 - 10 feet	Sapling	
В	Black Spruce	5	Pole	6					-	
North	ern White Cedar	5	Log/Pole	12						
	White Pine	20	XLog/Log	18	119					
29	42290 - Natu	ral Mixed F	Pine Pol	etimbei	Mediur	n 14.4 52	51-80	N/A		Much of stand is jack pine. Variable densities. Mostly pole size.
	anopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	s Density	Avg. Height	Size	Numerous clumps of immature sized white pine. Some aspen/spruce/fir
	Jack Pine	41	Pole	7	52	Balsam Fir	Low	< 5 feet	Sapling	mixed in. Large diameter white pine spread out throughout stand. Appears to be remnant of old seed tree harvest.
	gtooth Aspen	5	Pole/Sapling	6						Typedia to be formall of old sood floo harvoot.
	White Pine	39	Pole/Log	9						
	uaking Aspen	10	Pole/Sapling	6						
	Paper Birch	5	Pole/Sapling	6						
-	330 - Low-E			Nonsto	okod	3.0	Unspecified	No		Opening that is filling with a mix of white pine and jack pine. Cherry and
30	330 - LOW-L	Defisity The	C S	NONSIC	ckeu	3.0	Orispecilled	INO		white pine in understory.
31 4	112 - Maple, Beecl	h, Cherry A	Association S	awtimb	er Well	1.7 82	81-110	N/A		Small patch of over mature, poor quality red maple. Scattered red pine
С	anopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	s Density	Avg. Height	Size	from adjacent plantations mixed in. Red maple is mostly large log size. Dense understory of maple and beech.
	Red Maple	95	Log/Pole	12	82	Red Maple	Medium	Variable	Sapling	Define understory of maple and become
	Red Pine	5	Log	10		Beech	Medium	10 - 20 feet	Sapling	
						Black Cherry	Low	10 - 20 feet	Sapling	
32	42110 - Plar	nted Red P	ine Sa	apling I	/ledium	28.8 9	Immature	N/A		Red pine doing well. Good stocking throughout most of stand. Planted
С	anopy Species	% Cover	Size Class	DBH	Age					in May of 2014. 1st and 3rd year regen surveys completed. Continue to monitor for pest and release spraying. Sprayed on 9/13/21.
	Red Pine	98	Sapling	1	9					07/2022-Release spray effective. Grasses and bracken had good kill.
	Jack Pine	1	Sapling	1						Same for cherry and maple.
V	Vhite Spruce	1	Sapling	1						

Report 7 - Stands



Stand	d Level 4 C	Size Density		Acres	es Stand Age BA Range		Managed S	ite	General Comments		
33	429 - Mixed	Upland Con	ifers I	Poletimber Well		21.1	36	51-80	N/A		Grassy opening that has grown in. Variable stand with multiple age
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	classes. Check next entry.
	Black Spruce	12	Pole	6		Wh	ite Pine	Low	5 - 10 feet	Sapling	
	White Spruce	20	Pole/Sap/Log	g 6	36	Ва	lsam Fir	Medium	5 - 10 feet	Sapling	
	Paper Birch	13	Pole/Sapling	9 6		Whit	e Spruce	Medium	5 - 10 feet	Sapling	
	White Pine	5	Log/XLog	16		Re	d Maple	High	10 - 20 feet	Sapling	
No	orthern White Cedar	5	Log/Pole	13							-
	Tamarack	2	Pole	6							
	Red Maple	20	Pole/Sapling	9 6							
	Balsam Fir	20	Pole/Sapling	9 6							
	Bigtooth Aspen	3	Pole/Sapling	g 5							
34	42220 - Na	tural Jack P	ine F	Poletimb	er Poor	4.9	42	1-50	N/A		Burned in August 1999 on Thunder Alley Fire. Stand has become an
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	opening filled in with scattered pole size jack pine.
	Jack Pine	100	Pole	7	42	Bigto	oth Aspen	Trace	5 - 10 feet	Sapling	
					·	Re	ed Pine	Trace	10 - 20 feet	Sapling	
						Wh	ite Pine	Trace	Variable	Sapling	
35	42110 - Pla	nted Red P	ine	Sawtimb	er Well	96.0	86	111-140	N/A		Very nice red pine plantation. Quality logs and utility poles. Stand was
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	thinned in the summer of 2014.
	Red Pine	100	Log	16	86	E	Beech	Trace	5 - 10 feet	Sapling	
						Whit	te Spruce	Low	Variable	Sapling	
						Wh	nite Pine	Low	Variable	Sapling	
						Sug	ar Maple	Low	Variable	Sapling	
						Re	d Maple	Medium	Variable	Sapling	
						Pap	er Birch	Low	Variable	Sapling	
						Ва	lsam Fir	Low	Variable	Sapling	
36	42221 - Natural Dec	Jack Pine, iduous	Mixed I	Poletimb	er Well	9.3	51	81-110	N/A		Mixed stand. Mostly jack pine over aspen on west side. Young aspen/spruce/fir on east.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Balsam Fir	5	Pole/Sapling			Bigto	oth Aspen	High	Variable	Sapling	
	Jack Pine	60	Pole	8	51	Ва	lsam Fir	Medium	5 - 10 feet	Sapling	
	00.01111110					14/1-1	_	1	F 4054	Caulina	1
	Bigtooth Aspen	30	Sapling/Pole	e 4	20	Whit	e Spruce	Low	5 - 10 feet	Sapling	

Report 7 - Stands



Stand	d Level 4 Cover Type			Size Density		Acres Stand Age B		e Managed Site		General Comments
37		- Aspen		awtimbe			111-140	N/A		Nice clone of aspen. It is right along the river. Over mature. Leave as
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	Bullot.
	Paper Birch	3	Pole	8		Red Maple	Medium	Variable	Sapling	
	Quaking Aspen	90	Log	10	59	Balsam Fir	Low	Variable	Sapling	
	Red Pine	2	XLog	20		Black Cherry	Low	Variable	Sapling	
	White Spruce									
38	310 - Herbac	ceous Open	land	Nonsto	cked	60.7 U	nspecified	No		Carp River riparian buffer.
39	42220 - Nat	tural Jack P	ine Po	oletimbe		5.7 52	1-50	N/A		Grown in opening between pine stands. Mostly pole size jack pine mixed with small log/large pole red maple. Some red maple and cherry in
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	understory.
	Jack Pine	75	Pole	9	52	Red Maple	Medium	Variable	Sapling	,
	Bigtooth Aspen	10	Pole	7		Bigtooth Aspen	Low	5 - 10 feet	Sapling	
	Red Pine	2	Pole	8		Black Cherry	Low	Variable	Sapling	
	Red Maple	10	Log/Pole	12						•
	Black Cherry	3	Pole/Sapling	6						
		3 Pole/Sap 42220 - Natural Jack Pine								
40	42220 - Nat	tural Jack P	1 0	etimber	Mediur	n 24.7 54	81-110	N/A		Nice jack pine stand. Pole and log size classes present.
40	42220 - Nat		1 0			n 24.7 54 Sub-Canopy Species	81-110 Density	N/A Avg. Height	Size	Nice jack pine stand. Pole and log size classes present.
40			ine Pole	etimber					Size Sapling	Nice jack pine stand. Pole and log size classes present.
40	Canopy Species	% Cover	ine Pole	etimber DBH		Sub-Canopy Species	Density	Avg. Height		Nice jack pine stand. Pole and log size classes present.
40	Canopy Species Paper Birch	% Cover	ine Pole Size Class Pole	etimber DBH 7		Sub-Canopy Species	Density	Avg. Height		Nice jack pine stand. Pole and log size classes present.
40	Canopy Species Paper Birch Quaking Aspen	% Cover 10 10 80	ine Pole Size Class Pole Pole Pole/Log	DBH 7 8	Age 54	Sub-Canopy Species	Density	Avg. Height		Variable stand. Mostly jack pine mixed with pockets of pole size aspen.
	Canopy Species Paper Birch Quaking Aspen Jack Pine	% Cover	ine Pole Size Class Pole Pole Pole/Log	DBH 7 8 8 8	Age 54	Sub-Canopy Species Balsam Fir	Density Low	Avg. Height Variable		Variable stand. Mostly jack pine mixed with pockets of pole size aspen. Jack pine mostly pole, although some log size trees present. Variable
	Canopy Species Paper Birch Quaking Aspen Jack Pine 42220 - Nat	% Cover	ine Pole Size Class Pole Pole Pole/Log ine Po	DBH 7 8 8 8	Age 54 er Well	Sub-Canopy Species Balsam Fir 33.5 63	Density Low 81-110	Avg. Height Variable N/A	Sapling	Variable stand. Mostly jack pine mixed with pockets of pole size aspen.
	Canopy Species Paper Birch Quaking Aspen Jack Pine 42220 - Nat Canopy Species	% Cover 10 10 80 tural Jack P	ine Pole Size Class Pole Pole Pole/Log ine Po	DBH 7 8 8 8 Deletimber	Age 54 er Well	Sub-Canopy Species Balsam Fir 33.5 63 Sub-Canopy Species	Density Low 81-110 Density	Avg. Height Variable N/A Avg. Height	Sapling	Variable stand. Mostly jack pine mixed with pockets of pole size aspen. Jack pine mostly pole, although some log size trees present. Variable
	Canopy Species Paper Birch Quaking Aspen Jack Pine 42220 - Nat Canopy Species Red Pine	% Cover	ine Pole Size Class Pole Pole Pole/Log ine Pole Size Class Log	DBH 7 8 8 8 Deletimber	54 54 Age	Sub-Canopy Species Balsam Fir 33.5 63 Sub-Canopy Species Balsam Fir	Density Low 81-110 Density Medium	Avg. Height Variable N/A Avg. Height 5 - 10 feet	Sapling Size Sapling	Variable stand. Mostly jack pine mixed with pockets of pole size aspen. Jack pine mostly pole, although some log size trees present. Variable
	Canopy Species Paper Birch Quaking Aspen Jack Pine 42220 - Nat Canopy Species Red Pine Jack Pine Quaking Aspen	% Cover	ine Pole Size Class Pole Pole Pole/Log ine Pole Size Class Log Pole/Log Pole/Sapling	DBH 14 8	54 Er Well Age 63	Sub-Canopy Species Balsam Fir 33.5 63 Sub-Canopy Species Balsam Fir Black Cherry Red Maple	Density Low 81-110 Density Medium Low	Avg. Height Variable N/A Avg. Height 5 - 10 feet 5 - 10 feet	Size Sapling Sapling Sapling Sapling	Variable stand. Mostly jack pine mixed with pockets of pole size aspen. Jack pine mostly pole, although some log size trees present. Variable
	Canopy Species Paper Birch Quaking Aspen Jack Pine 42220 - Nat Canopy Species Red Pine Jack Pine Quaking Aspen White Spruce	% Cover	ine Pole Size Class Pole Pole/Log ine Pole Size Class Log Pole/Log Pole/Sapling Pole/Sapling	DBH 8 8 Deletimber DBH 14 8 5	54 Er Well Age 63	Sub-Canopy Species Balsam Fir 33.5 63 Sub-Canopy Species Balsam Fir Black Cherry	B1-110 Density Medium Low Medium	N/A Avg. Height N/A Avg. Height 5 - 10 feet 5 - 10 feet 5 - 10 feet	Size Sapling Sapling Sapling	Variable stand. Mostly jack pine mixed with pockets of pole size aspen. Jack pine mostly pole, although some log size trees present. Variable
	Canopy Species Paper Birch Quaking Aspen Jack Pine 42220 - Nat Canopy Species Red Pine Jack Pine Quaking Aspen	% Cover	ine Pole Size Class Pole Pole Pole/Log ine Pole Size Class Log Pole/Log Pole/Sapling	DBH T	54 Er Well Age 63	Sub-Canopy Species Balsam Fir 33.5 63 Sub-Canopy Species Balsam Fir Black Cherry Red Maple	B1-110 Density Medium Low Medium	N/A Avg. Height N/A Avg. Height 5 - 10 feet 5 - 10 feet 5 - 10 feet	Sapling Size Sapling Sapling Sapling	Variable stand. Mostly jack pine mixed with pockets of pole size aspen. Jack pine mostly pole, although some log size trees present. Variable
	Canopy Species Paper Birch Quaking Aspen Jack Pine 42220 - Nat Canopy Species Red Pine Jack Pine Quaking Aspen White Spruce Bigtooth Aspen Balsam Fir	% Cover	ine Pole Size Class Pole Pole/Log ine Pole Size Class Log Pole/Log Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling	The state of the	54 er Well Age 63 35	Sub-Canopy Species Balsam Fir 33.5 63 Sub-Canopy Species Balsam Fir Black Cherry Red Maple	B1-110 Density Medium Low Medium	N/A Avg. Height N/A Avg. Height 5 - 10 feet 5 - 10 feet 5 - 10 feet	Sapling Size Sapling Sapling Sapling	Variable stand. Mostly jack pine mixed with pockets of pole size aspen. Jack pine mostly pole, although some log size trees present. Variable BA. Nice black spruce stand. Decent amounts of white pine and tamarack.
41	Canopy Species Paper Birch Quaking Aspen Jack Pine 42220 - Nat Canopy Species Red Pine Jack Pine Quaking Aspen White Spruce Bigtooth Aspen Balsam Fir	% Cover	ine Pole Size Class Pole Pole/Log ine Pole Size Class Log Pole/Log Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling	DBH 7 8 8 8 14 8 5 5 5 5 5 5 Dletimber	54 er Well Age 63 35	Sub-Canopy Species Balsam Fir 33.5 63 Sub-Canopy Species Balsam Fir Black Cherry Red Maple Black Spruce	B1-110 Density Medium Low Medium Low Medium Low	N/A Avg. Height 5 - 10 feet 5 - 10 feet 5 - 10 feet 5 - 10 feet	Sapling Size Sapling Sapling Sapling	Variable stand. Mostly jack pine mixed with pockets of pole size aspen. Jack pine mostly pole, although some log size trees present. Variable BA.
41	Canopy Species Paper Birch Quaking Aspen Jack Pine 42220 - Nat Canopy Species Red Pine Jack Pine Quaking Aspen White Spruce Bigtooth Aspen Balsam Fir	% Cover	ine Pole Size Class Pole Pole Pole/Log ine Pole/Log Pole/Log Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling	DBH 7 8 8 8 14 8 5 5 5 5 5 5 Dletimber	54 54 Fr Well 63 35 Fr Well	Sub-Canopy Species Balsam Fir 33.5 63 Sub-Canopy Species Balsam Fir Black Cherry Red Maple Black Spruce	B1-110 Density Medium Low Medium Low Medium Low 81-110	Avg. Height Variable N/A Avg. Height 5 - 10 feet 5 - 10 feet 5 - 10 feet 7 - 10 feet 7 - 10 feet 8 - 10 feet	Size Sapling Sapling Sapling Sapling Sapling	Variable stand. Mostly jack pine mixed with pockets of pole size aspen. Jack pine mostly pole, although some log size trees present. Variable BA. Nice black spruce stand. Decent amounts of white pine and tamarack.
41	Canopy Species Paper Birch Quaking Aspen Jack Pine 42220 - Nat Canopy Species Red Pine Jack Pine Quaking Aspen White Spruce Bigtooth Aspen Balsam Fir 6122 - Bl Canopy Species	% Cover	ine Pole Size Class Pole Pole/Log ine Pole/Log Size Class Log Pole/Log Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling	DBH T	54 54 Fr Well 63 35 Fr Well	Sub-Canopy Species Balsam Fir 33.5 63 Sub-Canopy Species Balsam Fir Black Cherry Red Maple Black Spruce 5.6 101 Sub-Canopy Species	B1-110 Density Medium Low Medium Low Medium Density	N/A Avg. Height N/A Avg. Height 5 - 10 feet 5 - 10 feet 5 - 10 feet 7 - 10 feet N/A Avg. Height	Size Sapling Sapling Sapling Sapling Sapling	Variable stand. Mostly jack pine mixed with pockets of pole size aspen. Jack pine mostly pole, although some log size trees present. Variable BA. Nice black spruce stand. Decent amounts of white pine and tamarack.
41	Canopy Species Paper Birch Quaking Aspen Jack Pine 42220 - Nat Canopy Species Red Pine Jack Pine Quaking Aspen White Spruce Bigtooth Aspen Balsam Fir 6122 - Bi Canopy Species Balsam Fir	% Cover	ine Pole Size Class Pole Pole/Log ine Pole/Log Size Class Log Pole/Log Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling	DBH T	54 54 Fr Well 63 35 Fr Well	Sub-Canopy Species Balsam Fir 33.5 63 Sub-Canopy Species Balsam Fir Black Cherry Red Maple Black Spruce 5.6 101 Sub-Canopy Species Balsam Fir	B1-110 Density Medium Low Medium Low Medium Density Medium Medium Medium	N/A Avg. Height 5 - 10 feet 5 - 10 feet 5 - 10 feet 7 - 10 feet Avg. Height Variable	Sapling Size Sapling Sapling Sapling Sapling Sapling Sapling	Variable stand. Mostly jack pine mixed with pockets of pole size aspen. Jack pine mostly pole, although some log size trees present. Variable BA. Nice black spruce stand. Decent amounts of white pine and tamarack.
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Stand	Level 4 Cover Type			Size Density		Acres	Stand Age BA Ra	A Range	Managed S	ite	General Comments
43	500 -	Water		Nonsto	ocked	1.0			No		
44	42141 - Planted I Deci	Mixed Pine duous	, Mixed	Sawtimb	er Well	8.7	84	81-110	N/A		Stand left as a buffer for Carp River. Nice red pine stand. Nice mature Aspen mixed in.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
(Quaking Aspen	20	Log/Pole	12			d Maple	Medium	5 - 10 feet	Sapling	
	White Pine	5	Log/Pole	12		Ва	lsam Fir	Low	5 - 10 feet	Sapling	
	Red Pine	55	Log	16	84	Whit	te Spruce	Low	Variable	Sapling	
	Jack Pine	20	Log/Pole	12		Servicebe	erry (Juneberry)	Low	Variable	Sapling	
45	42120 - Plan	ited Jack P	ine	Poletimb	er Well	7.3	23	81-110	N/A		Fully stocked immature pole timber jack pine stand. No evidence of
	Canopy Species			DBH	l Age						pests. Doing well. Good looking, straight trees Will need another 10-2
	Jack Pine	90	Pole	5	23						years to reach desirable maturity.
(Quaking Aspen	10	Sapling/Pole	e 4							
46	42110 - Plar	nted Red P	ine	Poletimb	er Well	255.5	26	111-140	N/A		West half of stand was planted in 1997 and the east was planted in 200
	Canopy Species	% Cover	Size Class	DBH	l Age						Red pine is doing great. Minimal competition present. Average of 6" DBH W/ 2 sticks. Should be ready for first thinning next entry.
	Jack Pine	2	Pole	5							DBIT W/ 2 sticks. Chould be ready for first trimming flext only.
	Black Cherry	2	Pole	5							
	Red Pine	96	Pole	6	26						
47	4311 - Pine	e, Aspen M	lix	Poletimber Well		l 19.4	19.4 25		N/A		Cut in 1998 as part the Section Line Pond timber sale. Mix of jack pine and Aspen. Variable size classes of both. Patchy stand. Dense patches
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	of sapling/small poletimber size aspen. Where aspen is not present is
(Quaking Aspen	15	Pole/Sapling	g 5	25	Ja	ck Pine	Low	< 5 feet	Sapling	filled with poor to medium stocked variable sized jack pine. Most jack
	Balsam Fir	5	Pole/Sapling	g 5		Blac	ck Cherry	Low	Variable	Sapling	pine is open grown, short trees.
	Bigtooth Aspen	35	Pole/Sapling	g 5	25	Bigto	oth Aspen	Low	5 - 10 feet	Sapling	
	Jack Pine	30	Pole	8							
	Red Pine	5	Pole	8							
	White Spruce	10	Sapling	4							
48	429 - Mixed U	Jpland Con	ifers	Poletimb	er Well		36	81-110	N/A		North part of stand was cut in 1987 as part of the Pitcher Plant Aspen timber sale. More fir in this part, but jack pine is present throughout
	Canopy Species		Size Class		l Age		nopy Species	Density	Avg. Height	Size	stand. Aspen and fir mixed in throughout stand. Aspen is pretty low
	White Spruce	20	Pole/Log	9		Re	d Maple	Medium	Variable	Sapling	quality. Better jack pine site. Heavy to jack pine on west side. Jack pine
	Jack Pine	20	Pole/Log	9	59	Ва	lsam Fir	Medium	Variable	Sapling	and spruce more mature than the aspen.
	Balsam Fir	25	Pole	6							
	Bigtooth Aspen	10	Pole	6							
(Quaking Aspen	25	Pole	7	36						
49	622 - Low	land Shrub)	Nonsto	cked	25.1	U	nspecified	No		Ozark Creek riparian area.



Stand	Level 4 Co	over Type	;	Size Density	Acres	Stand Age B	A Range	Managed S	Site	General Comments
50	6124 - Lowla	and Spruce	-Fir P	oletimber Well	24.3	76	111-140	N/A		Nice buffer along the river. Some signs of beaver activity but nothing
(Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	fresh. More cedar in the south. Heavy black spruce component. Small stream running through west part of stand.
	Balsam Fir	20	Pole/Sapling	5	Asp	oen (spp.)	Low	Variable	Sapling	
	Black Spruce	40	Pole	7 76	Re	ed Maple	Low	5 - 10 feet	Sapling	
C	Quaking Aspen	5	Pole/Sapling	6	Ва	alsam Fir	High	Variable	Sapling	
Nort	hern White Cedar	30	Pole	7						
	Paper Birch	5	Pole	6						
51	6120 - Lov	wland Ceda	ır S	Sawtimber Well	22.3	82	141-170	N/A		Mixed swamp conifer stand running along river. Mostly cedar. Some larg
(Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	WP mixed in. Most cedar is mature. Small log/large pole. Mostly low ground, with some upland ridges. Some inclusions containing sapling
Nort	hern White Cedar	65	Log/Pole	12 82	Ва	alsam Fir	Full	Variable	Sapling	size BF. Hold for now and cut when adjacent aspen is ready.
	Black Spruce	10	Pole	8	Re	ed Maple	Low	5 - 10 feet	Sapling	
	Balsam Fir	10	Pole	6						_
	Tamarack	10	Pole	8						
	Paper Birch	3	Pole/Sapling	5						
١	White Spruce	2	Pole/Sapling	6 54						
52	4134 - Aspe	en, Spruce/	Fir	Sapling Well	32.4	25	81-110	N/A		Aspen dominated. High density sapling and small pole timber. Fir and
(Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	spruce mixed in. Some white and jack pine mixed in along ridges. Wet inclusion containing tag alder in middle of stand. Access through USFS
	Balsam Fir	10	Pole/Sapling	5	Pa	per Birch	Low	10 - 20 feet	Sapling	land off Ozark Rd. Check next entry.
1	White Spruce	5	Sapling/Pole	4	Ва	alsam Fir	Medium	5 - 10 feet	Sapling	
	Black Spruce	5	Sapling/Pole	4	Bla	ck Spruce	Medium	5 - 10 feet	Sapling	
	Paper Birch	3	Sapling/Pole	3	Wh	ite Spruce	Low	5 - 10 feet	Sapling	
	White Pine	1	Pole	5	Re	ed Maple	Medium	5 - 10 feet	Sapling	
	Jack Pine	1	Pole	5						-
В	Bigtooth Aspen	10	Sapling/Pole	3						
C	Quaking Aspen	65	Sapling/Pole	3 25						
53	3302 - Low Den	sity Conifer	Trees	Nonstocked	4.0	U	Inspecified	42110 - Planted	Red Pine	Pine is well established and looking good. Continue to monitor for health
					Sub-Ca	nopy Species	Density	Avg. Height	Size	and release.
					R	ed Pine	Full	5 - 10 feet	Seeding	
54	6224 - T	Treed Bog		Nonstocked	2.0	U	Inspecified	No		Bog with scattered stunted black spruce and white pine.
					Sub-Ca	nopy Species	Density	Avg. Height	Size	
					W	hite Pine	Trace	5 - 10 feet	Sapling	
					Bla	ck Spruce	Low	5 - 10 feet	Sapling	
55	6229 - Mixed	l lowland sh	nrub	Nonstocked	20.9	2022		No		Lowland stand containing tag alder. Wet ground. Previously part of A3 (stand 24) to south.
					Sub-Ca	nopy Species	Density	Avg. Height	Size	(Statio 24) to South.
					Ta		High	5 - 10 feet	Tall Shruk	

Sault Ste. Marie Mgt. Unit



Stand	Level 4 C	over Type	:	Size De	nsity	Acres	Stand Age B	A Range	Managed \$	Site	General Comments
56	6120 - Lo	wland Ceda	ar Sa	wtimber	Medium	n 17.7	101	51-80	N/A		Low to medium stocked poor quality cedar. Very wet. Some blowdown,
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	tag alder throughout stand.
No	rthern White Cedar	80	Log/Pole	12	101	Ta	ag Alder	Medium	5 - 10 feet	Tall Shrub	
	Black Spruce	5	Pole	6		Ва	lsam Fir	Low	5 - 10 feet	Sapling	
	White Spruce	5	Pole	7			nite Pine	Low	Variable	Sapling	
	Balsam Fir	10	Pole	7		Re	d Maple	Trace	5 - 10 feet	Sapling	
						Whi	te Spruce	Low	5 - 10 feet	Sapling	
						Blad	ck Spruce	Low	5 - 10 feet	Sapling	
57	6120 - Lo	wland Ceda	ar S	Sawtimb	er Well	9.5	81	111-140	N/A		Fully stocked, log size cedar stand. Fairly dry. Small strip of tag alder
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	through middle of stand.
No	rthern White Cedar	85	Log	12	81	Ва	lsam Fir	Low	< 5 feet	Sapling	
	Balsam Fir	15	Pole	7				'		- 1	•
58	4130	- Aspen	P	oletimb	er Well	33.7	35	81-110	N/A		Cut in 1987 as part of the Pitcher Plant Aspen timber sale. Nice aspen
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	stand. Extremely variable in size. Saplings and mature pole timber throughout stand. Too variable to treat this entry. Mature jack pine in
	Jack Pine	10	Pole	8		WI	nite Pine	Low	5 - 10 feet	Sapling	southern part of stand.
	Bigtooth Aspen	60	Pole/Sapling	6	35	Re	d Maple	Medium	5 - 10 feet	Sapling	
	Quaking Aspen	30	Pole/Sapling	6		Ва	lsam Fir	Low	5 - 10 feet	Sapling	
59	4136 - Asper	ı, Mixed Co	nifer P	Poletimb	er Well	23.4	34	81-110	N/A		Variable stand. Mostly small pole size aspen mixed with some jack pine.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Variable BA. Some large red pine throughout stand. Check next entry.
	Bigtooth Aspen	40	Pole/Sapling	6	34	Bla	ck Cherry	Low	5 - 10 feet	Sapling	
	White Spruce	2	Pole/Sapling	5		Bigto	oth Aspen	Medium	10 - 20 feet	Sapling	
	Red Pine	10	Log	14		Re	d Maple	Medium	5 - 10 feet	Sapling	
	Balsam Fir	3	Pole/Sapling	5		Ва	lsam Fir	Medium	5 - 10 feet	Sapling	
	Jack Pine	5	Pole	8	63	Qual	king Aspen	Medium	10 - 20 feet	Sapling	
	Quaking Aspen	40	Pole/Sapling	6	34	Blad	k Spruce	Low	5 - 10 feet	Sapling	
60	6224 - ⁻	Treed Bog		Nonsto	cked	1.0	I	mmature	No		Bog with scattered black spruce and jack pine clumps.
							nopy Species	Density	Avg. Height	Size	
							ick Pine	Low	Variable	Sapling	
						Blad	k Spruce	Low	Variable	Sapling	
61	6229 - Mixec	l lowland sł	nrub	Nonsto	ocked	35.7	0 U	nspecified	6122 - Black	Spruce	Clear cut in 2017 in Spruced Up Mix 45-122-13. Scattered mature trees remaining. There are scattered clumps of cherry, bam, and aspen regeneration but large areas of the stand have not begun to regenerate except for some scattered birch and tamarack. Regeneration is not at adequate levels ye so stand should be checked again next entry.

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Report 7 - Stands



Stand	Level 4 Cover Type	Size Density	Acres Stand Age B.	A Range	Managed Si	te	General Comments	MICHIGAN .
62	623 - Emergent Wetland	Nonstocked	6.0 Uı	nspecified	No			
64	6224 - Treed Bog	Nonstocked	7.8 I	mmature	No		Bog with black spruce and tamarack. Small patch of larger	trees in
			Sub-Canopy Species	Density	Avg. Height	Size	middle of stand.	
			Black Spruce	Medium	Variable	Sapling		
			Tamarack	Medium	5 - 10 feet	Sapling		