

## **Compartment Review Presentation**

Sault Ste. Marie Forest Management Unit

Compartment 45018

Entry Year 2027

Acreage: 3,781

County: Chippewa

Management Area: Drummond Island

Stand Examiner: Kenny Fanelli

**Legal Description:** 

T41N R7E Sec 3, 4, 9, 10, 33, 34

### **Identified Planning Goals:**

Develop an optimal age class distribution of aspen stands for sustainable forestry and wildlife values. Forest management treatments will focus on breaking up the age classes of large mature aspen stands to increase age class diversity. Hardwood management will focus on trying to increase the regeneration of hardwood species following beech salvage efforts least Year of Entry. Multiple openings maintenance cuts and continued prescribed burning will occur to maintain large open areas.

### Soil and topography:

Shelter-Posen-Summerville: deep and shallow, level to steep, poorly drained and well drained, loamy soils on ground moraines and glacial lake benches. Topography is gently rolling to flat with lower wet areas and large, open, scenic vistas.

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

One private parcel in the southwest of the compartment, otherwise a contiguous block of State land. No developments. Primarily used for hunting, trail riding, and timber and wildlife management. Surrounding State land maintains landscape level management.

### **Unique Natural Features:**

A large grass opening known as the "Big Burn" is in the compartment. It has been burned or partially burned within the last 10 years.

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

See compartment file.

#### **Special Management Designations or Considerations:**

The large openings are usually burned once an entry period.

#### Watershed and Fisheries Considerations:

This compartment, located on Drummond Island, contains portions of Clear Lake and Dickenson Lake, as well as part of the Potagannissing River. Dickenson Lake is a very shallow lake, with a maximum depth of 3 feet, and has a population of yellow perch. We have no data on Clear Lake. Prescribed management activities are appropriate for the protection of the lakes. A no clear-cut buffer should be maintained adjacent to the Potagannissing River.

#### Wildlife Habitat Considerations:

This compartment is located on Drummond Island where featured wildlife species include blackburnian warbler, American marten, ruffed grouse, sharp-tailed grouse snowshoe hare, and white-tailed deer. This compartment is primarily composed of aspen intermixed with cedar and maple with variable densities of a spruce/fir under story as well as cedar stands. A large opening known as Big Burn is in the northern part of the compartment. The southern part of the compartment is part of deer wintering complex. Most of the aspen was over 60 years old during the last entry and was treated to provide age and structural diversity while also maintaining the aspen type. As a result, most aspen stands are young. The young aspen will provide favorable habitat for a suite of wildlife including deer, black bear, snowshoe hare, and ruffed grouse. This process will continue this entry with harvesting in portions of a remaining larger maturing stand to encourage age class diversity and maintain the early successional habitat present. Efforts are expected to maintain the large opening including reclaiming some areas that are growing in with woody vegetation. This will benefit species including sharp-tailed grouse. Diversity will be encouraged in northern hardwoods by promoting recruitment and retaining or promoting species, age, and structural diversity.

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

No known potential exists for commercial oil & gas production on Drummond Island, and there are no known economic deposits of metallic or critical minerals in this area. The closest known sand/gravel pit is the State-owned Johnswood Road Pit, more than four miles west. The pit has not been leased or permitted for commercial production since at least 2002 and has not been recently evaluated for quantity and quality of reserves. There may be some potential for minor amounts of sand & gravel within the compartment on the uplands (away from wetlands) and where there is sufficient thickness of glacial drift over the bedrock. Due to logistics and availability, sand & gravel on the island is more valuable compared to on the mainland. Bedrock is at or very near the surface across the island. High-purity dolomite is quarried from the Engadine Group on the west end of the island, more than seven miles from the compartment. The existing quarry (and its immediately adjacent lands) contains decades worth of dolomite reserves. While there may be potential for additional high-purity dolomite within the compartment, it is unlikely that a new quarry would be developed here. The State does not own much of the mineral rights within the compartment but may own the rights to the bedrock dolostone. Because the mineral estate is the dominant estate, the surface owner must provide the owner of the mineral rights reasonable access to the surface for mineral exploration and development.

#### **Vehicle Access:**

Logging roads, jeep trails and ORV trails are throughout the compartment. Glen Cove Rd is drivable with conventional vehicles. All other roads and trails require four wheel drive or high clearance vehicles.

#### **Survey Needs:**

T42N R7E Sec 34 and T41N R7E Sec 9.

#### **Recreational Facilities and Opportunities:**

ORV and Jeep trails are throughout the compartment. Glen Cove Rd is a snowmobile trail. No facilities. Hunting is one of the main sporting opportunities as well as camping, hiking, and sight seeing.

#### **Fire Protection:**

There is good vehicle access to most of the compartment. Accessible water sources are scarce. Beach access at Glen Cove is just north of the compartment at the end of Glen Cove Rd. There is also a low drainage in stand 25 which usually enough water to pump from.

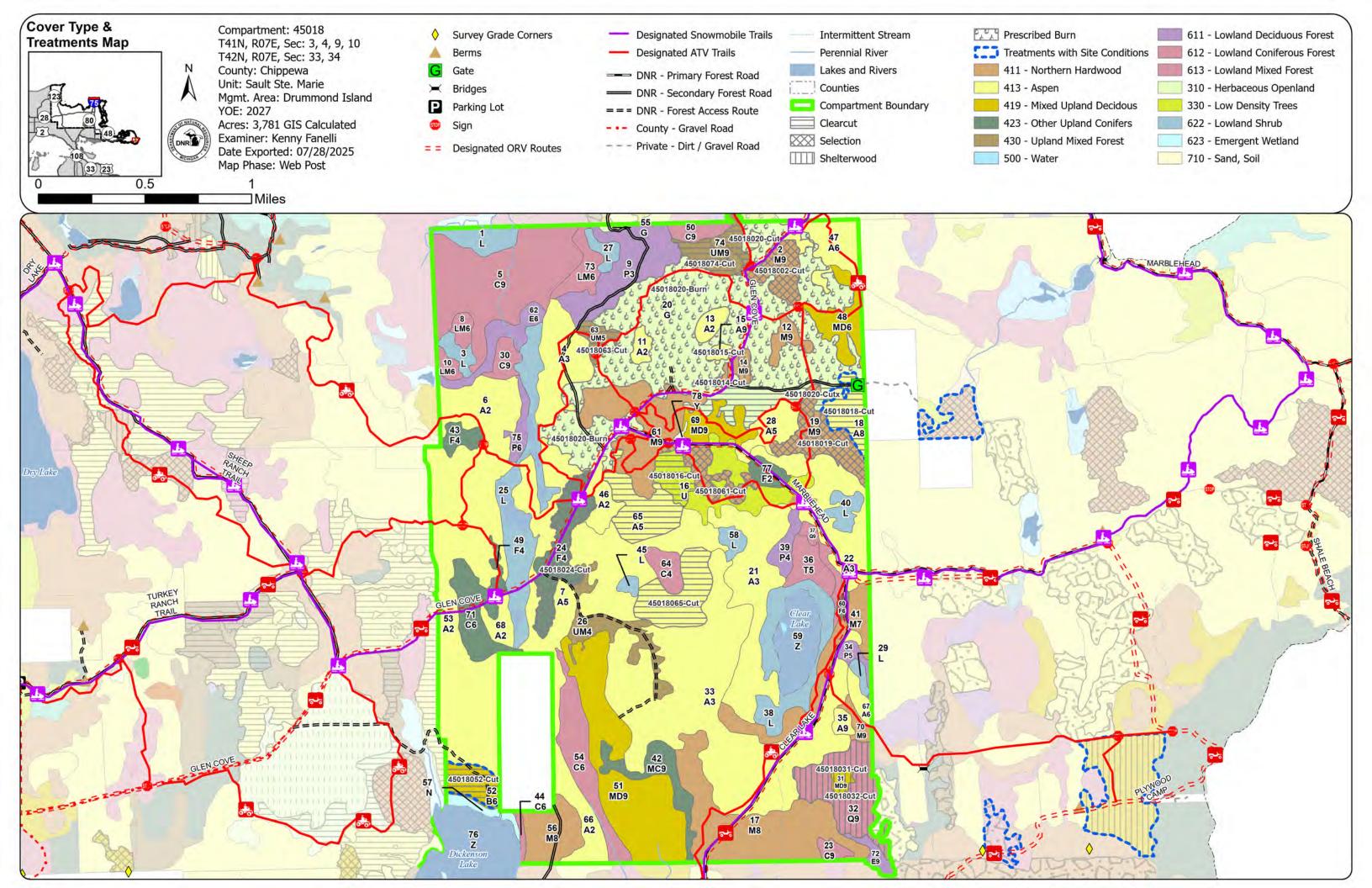
## **Additional Compartment Information:**

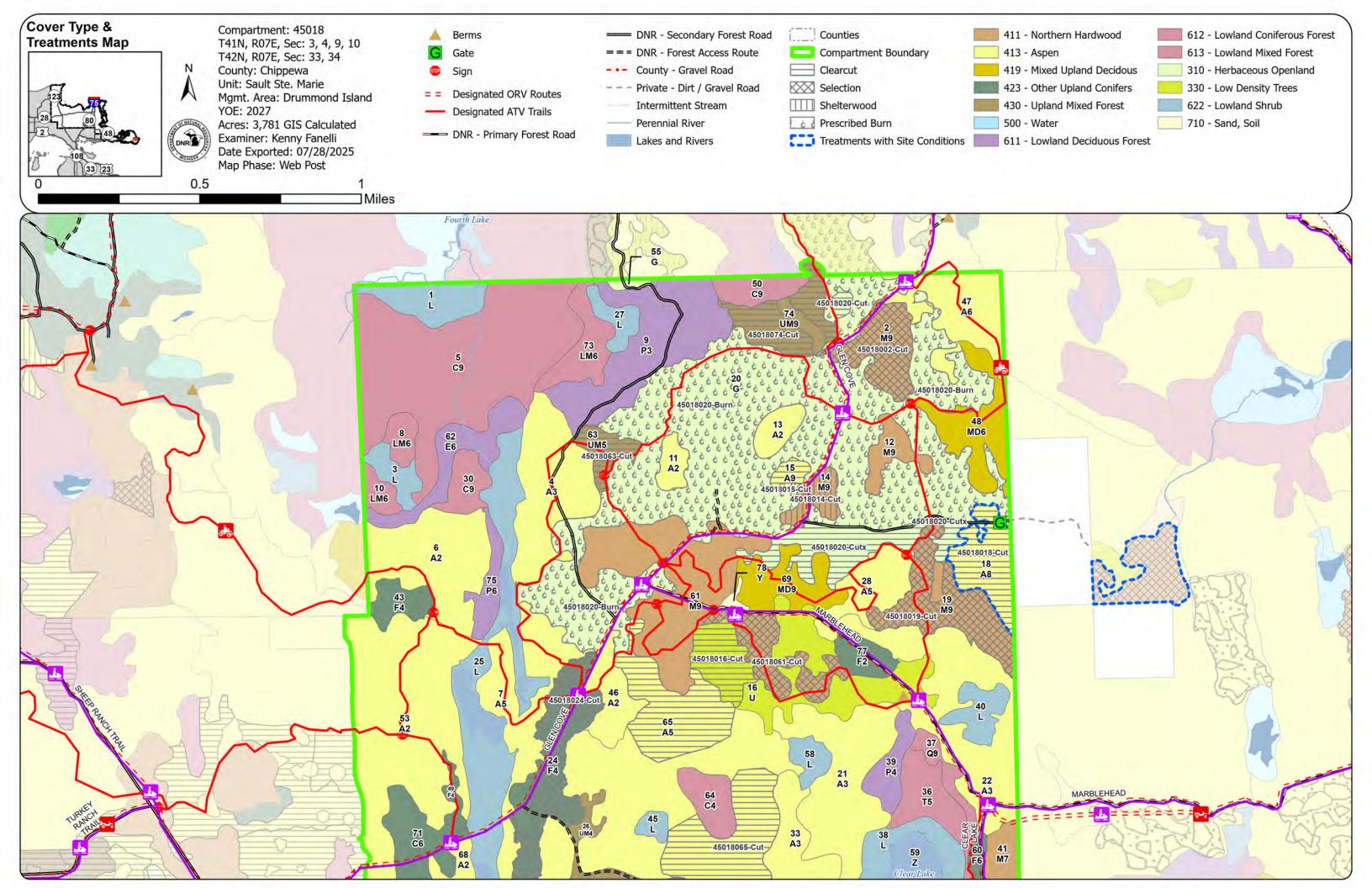
The following reports from the Inventory are attached:

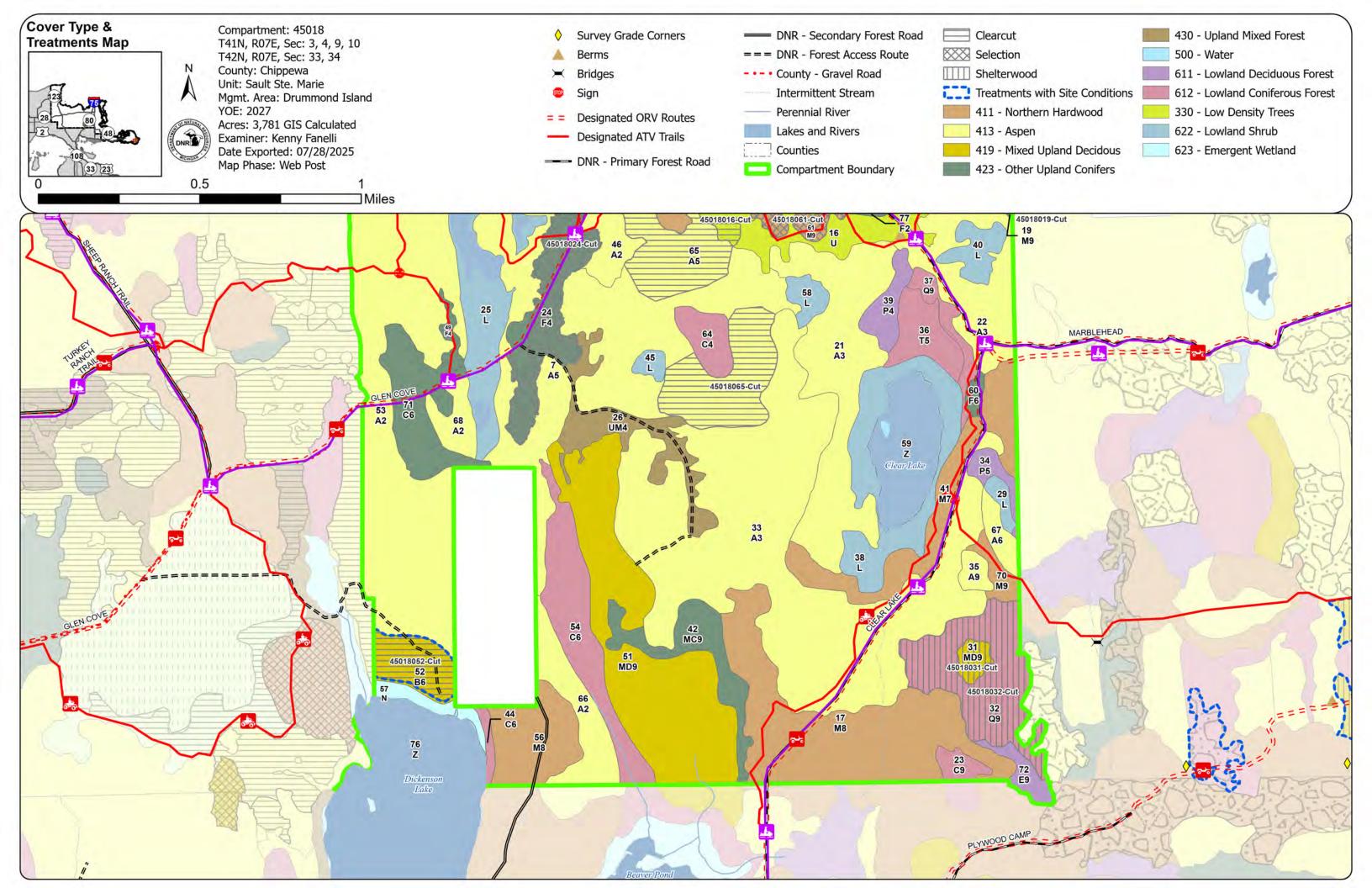
Total Acres by Cover Type and Age Class
Cover Type by Harvest Method
Proposed Treatments – No Limiting Factors
Proposed Treatments – With Limiting Factors
Stand Details (Forested and Nonforested)
Dedicated and Proposed Special Conservation Areas
Site Condition Details

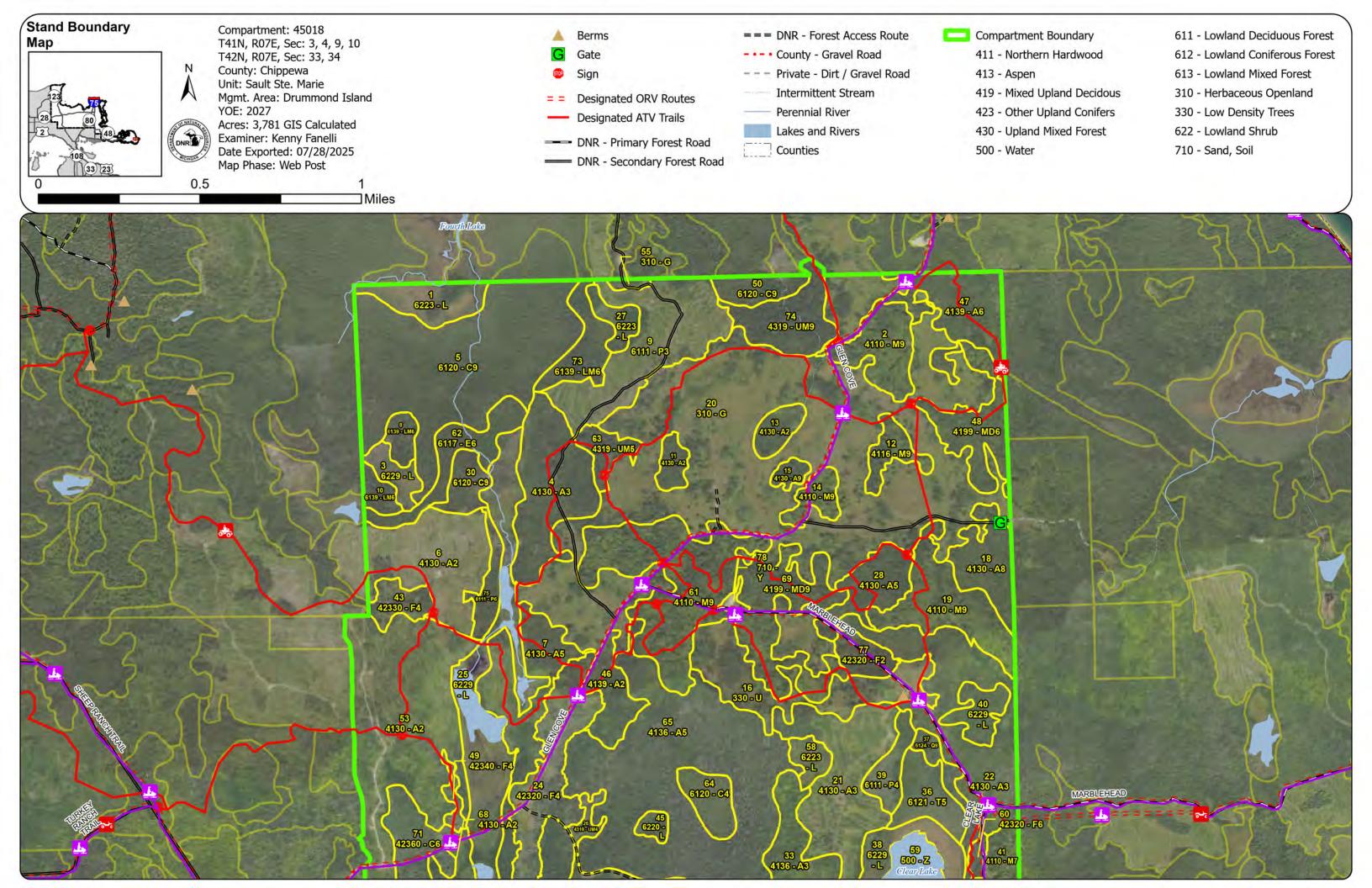
The following information is displayed, where pertinent, on the attached compartment maps:

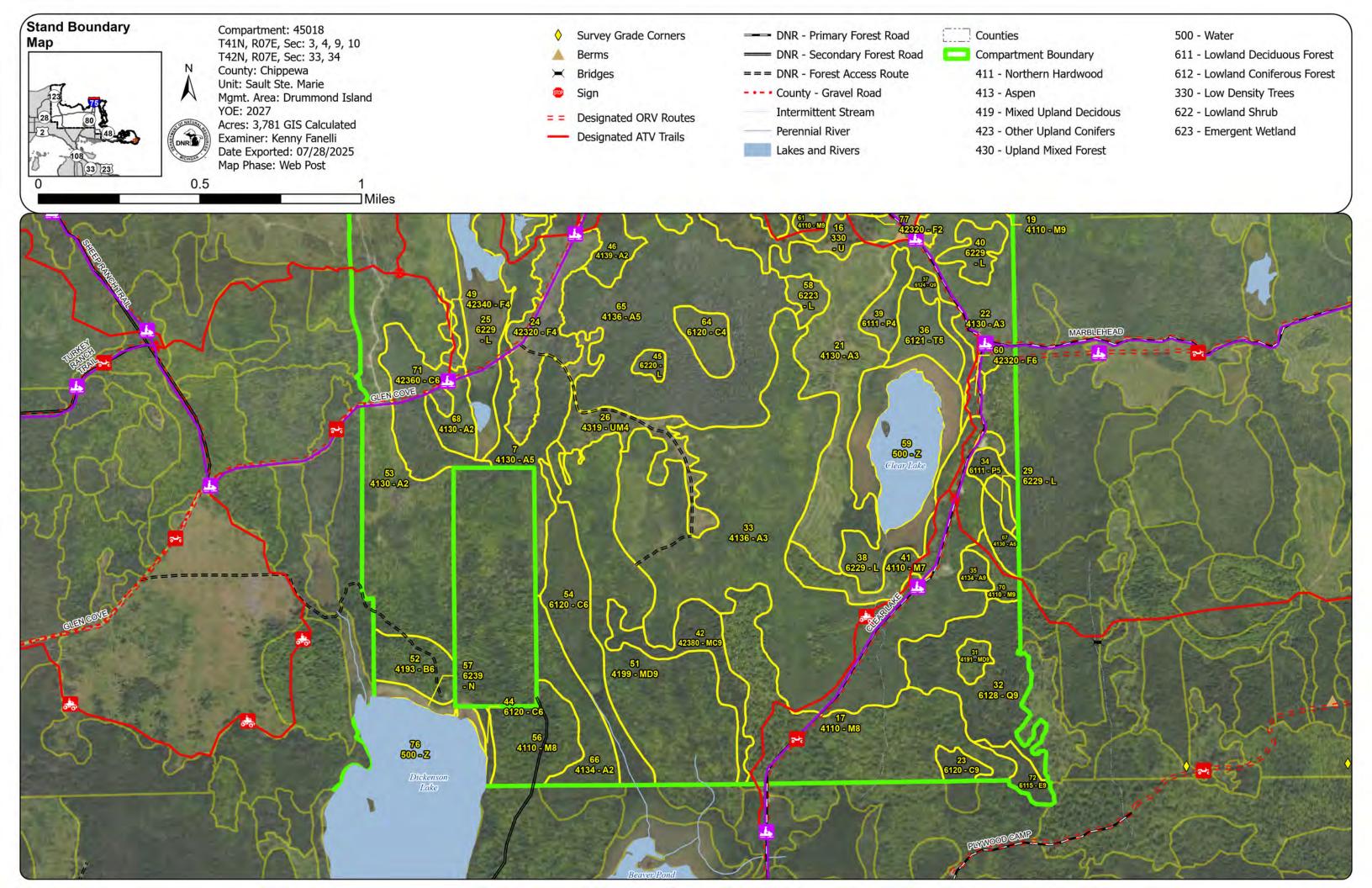
Base feature information, stand boundaries, cover types, and numbers Proposed treatments
Site condition boundaries
Details on the road access system

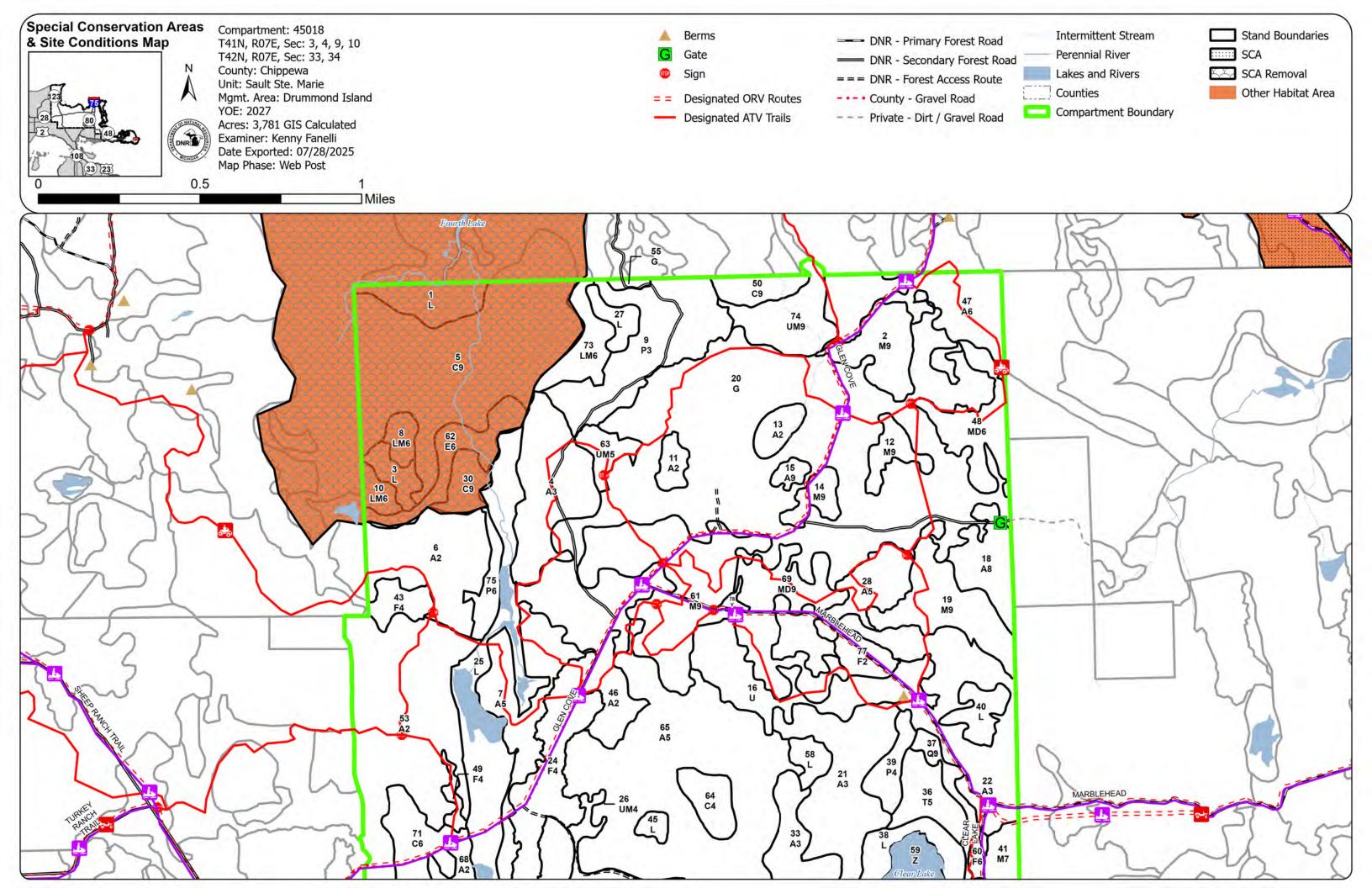


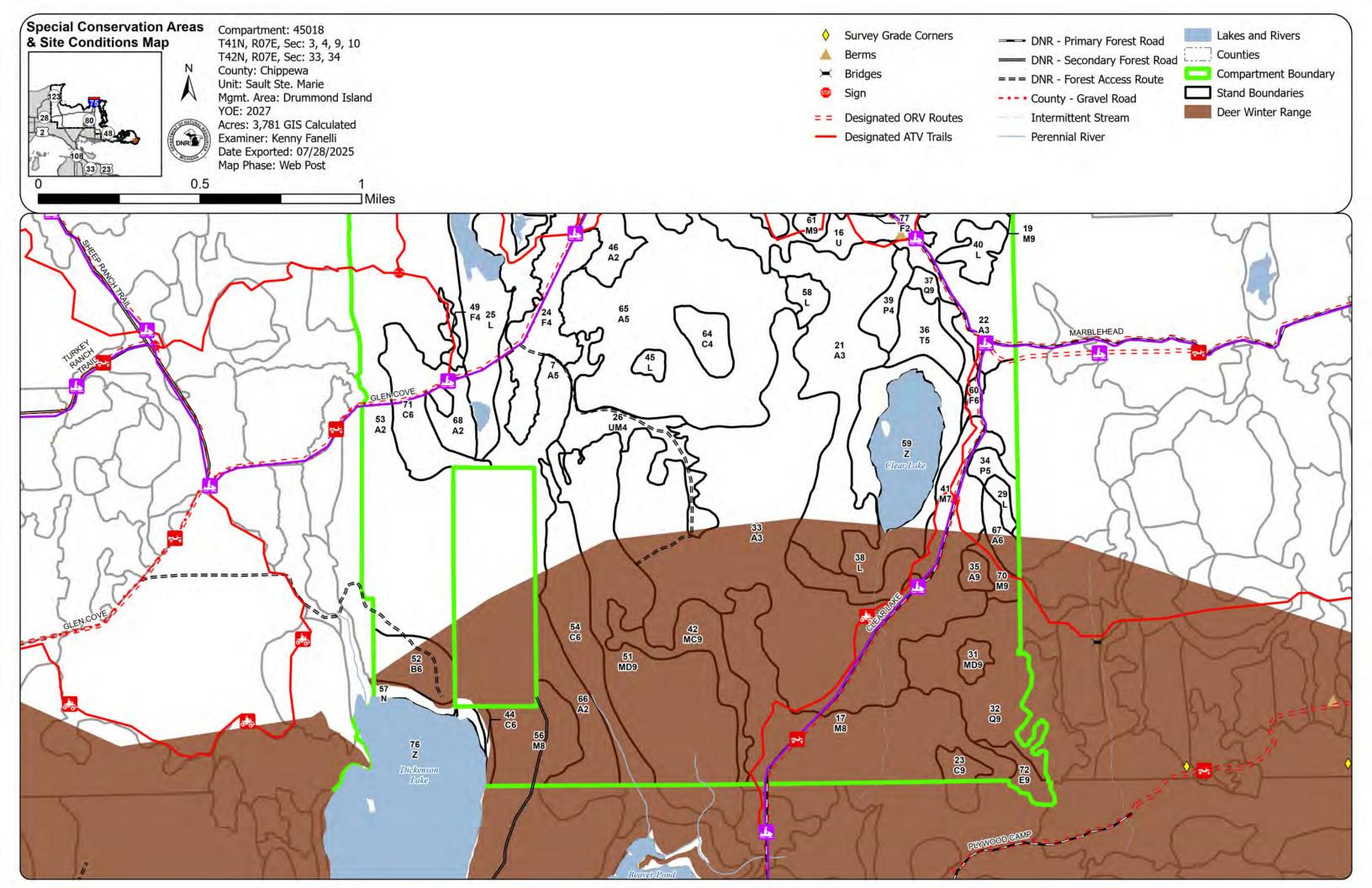












Sault Ste. Marie Mgt. Unit

Compartment 18 Year of Entry 2027



Kenny Fanelli: Examiner

## Age Class

	₹oc.	Kor C	3 / 5	8,	& kg	3 / 12	S A	3/8	8/8		A &		70,	\$ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	R / 8	\$ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	LE SE	\$ J508	L. C.
Aspen	0	173	668	242	0	70	0	206	34	0	10	0	0	0	0	0	0	0	1402
Cedar	0	0	0	0	0	0	0	0	14	0	0	0	0	0	128	0	158	0	314
Herbaceous Openland	435	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	435
Low-Density Trees	73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	73
Lowland Aspen/Balsam Poplar	0	74	0	0	0	0	9	0	0	13	0	14	0	0	0	0	0	0	109
Lowland Conifers	0	0	0	0	0	0	0	0	0	0	12	0	0	0	70	0	0	0	82
Lowland Deciduous	0	0	0	0	0	0	28	0	0	10	0	0	0	0	0	0	0	0	38
Lowland Mixed Forest	0	0	0	0	0	0	8	0	0	9	0	0	0	0	0	0	0	0	39
Lowland Shrub	226	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	226
Marsh	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
Mixed Upland Deciduous	0	0	0	0	0	0	0	0	0	0	0	0	176	7	0	0	0	34	217
Northern Hardwood	0	0	0	0	0	0	0	9	0	0	0	58	161	0	0	0	0	238	466
Paper Birch	0	0	0	0	0	0	0	26	0	0	0	0	0	0	0	0	0	0	26
Sand, Soil	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Tamarack	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	0	0	0	23
Upland Conifers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	0	0	0	34
Upland Mixed Forest	0	0	0	0	0	0	52	0	33	0	0	0	0	0	0	0	0	0	85
Upland Spruce/Fir	0	0	0	0	13	13	66	0	0	0	0	0	0	0	0	0	0	0	92
Water	110	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	110
Total	857	247	668	242	13	83	163	241	81	32	22	72	337	7	255	0	158	272	3784



## **Report 2 – Treatment Summary**

Sault Ste. Marie Mgt. Unit Year of Entry: 2027

## **Acres of Harvest**

Compartment 18
Total Compartment Acres: 3,781

Commercial Harvest - 1164 Harvests with Site Condition - 106 Next Step Harvest - 0 Habitat Cut - 0

## **Cover Type by Harvest Method**

		/				\$ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	TO MONEY	THE COLOR	ROUNT O			<del>                                     </del>
Aspen		134	0	0	0	0	0	0	0	0	134	
Herbaceous Openland		42	0	0	0	0	0	0	0	0	42	
Low-Density Trees		22	0	0	0	0	0	0	0	0	22	
Lowland Conifers		0	0	0	0	70	0	0	0	0	70	
Mixed Upland Deciduous		0	0	0	0	7	0	0	0	0	7	
Northern Hardwood		0	104	0	0	12	0	0	0	0	116	
Paper Birch		24	0	0	0	0	0	0	0	0	24	
Upland Mixed Forest		40	0	0	0	0	0	0	0	0	40	
Upland Spruce/Fir		0	51	0	0	0	0	0	0	0	51	
	Total	261	154	0	0	88	0	0	0	0	504	

## **Proposed and Next Step Treatments by Method**

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Current		504	0	0	0	391	0	0	0	0	895	ĺ
Next Step		0	31	31	0	442	422	596	422	391	2332	
	Total	504	31	31	0	833	422	596	422	391	3227	

s t	Sault	Ste. Mari	e Mgt. Unit		Repor	rt 3 '	Treatments		Compartmer Year of Entr		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
ose	ed Treatmen	ts:									
2	45018002-Cut	30.5	4110 - Sugar Maple Association	9	115	81-110	Harvest	Selection	4110 - Sugar Maple Association	Planting Record	No
Pres Spe			BA and create regen lesirable advanced re								d be placed
			ral Regen (Intermediation Fencing; Pestic							g, Artificial Re	gen;
Acce Reg		maple, ba	sswood, yellow birch	, red mapl	le, and c	other pres	ent species.				
Othe Com	<u>er</u> Avoid o nment:	disturbanc	e to the Big Burn ope	ening as n	nuch as	possible.					
Site	Condition:										
Prop	oosed Start Date	<u>:</u> 10/01/2	026								
14	45018014-Cut	11.8	4110 - Sugar Maple	9	111	111- 140	Harvest	Shelterwood	4110 - Sugar	Cutting	No

Association 140 Maple Record Association

Prescription Leave 30 to 40 BA of hardwoods. Focus on keeping healthy large crowned trees if possible. Leave any under represented hardwood species like yellow birch, oak, or hemlock. Specs:

Next Step Monitoring, Natural Regen (Re-Inventory) Treatments:

Acceptable Moderate to fully stocked sugar maple, aspen, birch, or other hardwood species.

Regen:

Other Avoid disturbance to the Big Burn opening as much as possible.

Comment:

Site Condition:

Proposed Start Date: 10/01/2026

45018015-Cut 4130 - Aspen 9 71 81-110 Harvest **Planting** 5.1 Clearcut 413 - Aspen No Record

Prescription Cut all trees 2" and up at DBH except cedar, white pine, oak, hemlock, or yellow birch if present. No retention due to size.

Specs:

Next Step Treatments: Monitoring, Natural Regen (Re-Inventory)

Acceptable Fully stocked aspen

Regen:

<u>Other</u> Avoid disturbance to the Big Burn opening as much as possible.

Comment:

Site Condition:

Proposed Start Date: 10/01/2026

S t	Sa	ult Ste. Mari	ie Mgt. Unit		Repoi	rt 3 '	Treatments		Compartmer Year of Entr		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	Habitat Cut
16	45018016-C	<b>cut</b> 21.8	330 - Low-Density Trees	99			Harvest	Clearcut	310 - Herbaceous Openland	Previous Inventory	No
Pres Spe	scription Cut ecs:	all trees 2" a	nd up.						-1		
	<u>tt Step</u> Mor atments:	nitoring, Othe	r - Specify								
Acc Rec	<u>eptable</u> Non <u>jen:</u>	е									
Oth Con	<u>er</u> This nment:	cut is for op	enings maintenance								
Site	Condition:										
Pro	posed Start D	ate: 10/01/2	026								
18	45018018-C	<b>cut</b> 29.0	4130 - Aspen	8	78	51-80	Harvest	Clearcut	413 - Aspen	Planting Record	No
Pres Spe	•	all trees that	are 2" and up at DB	H. Do not	cut ceda	ar, hemlo	ck, oak, yellow b	pirch, or pine if pres	ent. Retain 3-10%	% of the stand	
	<u>tt Step</u> Mor atments:	nitoring, Natu	ral Regen (Re-Inven	tory)							
Acc Reg		lerate to fully	stocked aspen, birc	h, maple,	spruce,	fir, or oth	er present speci	ies.			
Oth Con	<u>er</u> Sun nment:	vey needed.A	void disturbance to t	the Big Bu	rn openi	ng as mu	ch as possible.				
Site	Condition:	Survey Neede	ed								
Pro	posed Start D	ate: 10/01/2	026								
19	45018019-C	Cut 44.6	4110 - Sugar Maple Association	9	125	51-80	Harvest	Selection	4110 - Sugar Maple	Planting Record	No

Association Prescription Thin heavily to 50-60 BA focusing on removing over mature maple to promote new growth. Cut all ironwood 2" and up at DBH. Promote

biodiversity by leaving underrepresented species. Exclude the wet areas through the center of the stand. Leave slash piled lo Specs:

Next Step Monitoring, Natural Regen (Intermediate)

Treatments:

<u>Acceptable</u> Moderate to fully stocked sugar maple, red maple, basswood, birch, or other present species. <u>Regen:</u>

The objective of this harvest is to spur on regeneration and then create gaps next entry. Avoid disturbance to the Big Burn opening as <u>Other</u>

Comment: much as possible.

Site Condition:

Proposed Start Date: 10/01/2026

Sault Ste. Marie Mgt. Unit Report 3 -- Treatments Compartment: 45018 S Year of Entry: 2027 t а **Cover Type Treatment** Acres Stand Size Stand BA **Treatment Treatment** Age Habitat n Method Objective Name Density Structure CoverType Age Range Type Cut d 20 45018020-391.0 310 - Herbaceous 99 Burn Prescribed Burn 310 -Previous No Openland Herbaceous Inventory Burn Openland Prescription Openings maintenance via cutting, burning, and/or other appropriate method to control woody vegetation encroachment in opening and maintain opening for sharp-tailed grouse and other wildlife. NonForestMgt, Brush Cutting; Burn, Prescribed Fire; Pesticide, Other - Specify; Other, Other - Specify Next Step Treatments: Acceptable Regen: **Other** Comment: Site Condition: Proposed Start Date: 10/01/2026 2.8 310 - Herbaceous 310 -Previous 45018020-Cut 99 Harvest Clearcut No Openland Herbaceous Inventory Openland Prescription Cut all trees 2" and up at DBH. This treatment is for openings maintenance so there will be no retention. Specs: Next Step Monitoring, Natural Regen (Re-Inventory) **Treatments:** Acceptable None. Regen: **Other** Comment: Site Condition: Proposed Start Date: 10/01/2026 38.9 310 - Herbaceous 45018020-99 Harvest Clearcut 310 -Previous No

<u>Prescription</u> Cut all trees 2" and up for opening maintenance.

Openland

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable none

Cutx

Regen:

<u>Other</u>

Comment:

Site Condition:

Proposed Start Date: 10/01/2026

Herbaceous

Openland

Inventory

s t	Saul	lt Ste. Mar	ie Mgt. Unit		Repor	rt 3 1	Treatments		Compartmen Year of Entry		DNR DNR
	atment ame	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
31 4501	8031-Cu	t 6.8	4191 - Mixed Upland Deciduous with Conifer	9	125	81-110	Harvest	Shelterwood	4191 - Mixed Upland Deciduous with Conifer	Cutting Record	No
Prescription Specs:			BA. Target sugar ma eave trees will count							vhite pine, or	oak if
Next Step Treatment		oring, Natu	ıral Regen (Re-Invent	tory)							
	<u>5.</u>										
Acceptable	e Mode	rate to fully	stocked maple, asp	en, spruce	. fir. ced	dar, and o	ther present spe	ecies.			
Acceptable Regen:	e Mode	rate to fully	stocked maple, asp	en, spruce	, fir, cec	dar, and o	ther present spe	ecies.			
Regen: Other	_	rate to fully	r stocked maple, asp	en, spruce	e, fir, cec	dar, and o	ther present spe	ecies.			
Regen: Other Comment:		rate to fully	r stocked maple, asp	en, spruce	e, fir, cec	dar, and o	ther present spe	ecies.			
	tion:	·	, , ,	en, spruce	e, fir, cec	dar, and o	ther present spe	ecies.			
Regen: Other Comment: Site Condi	tion:	<u>e:</u> 10/01/2	2026	en, spruce		81-110	ther present spe	Shelterwood	6118 - Lowland Deciduous with Cedar	Cutting Record	No
Regen: Other Comment: Site Condi Proposed 32 4501 Prescriptic	tion: Start Dat 8032-Cu on Cut al	e: 10/01/2 t 69.7	2026 6128 - Lowland Coniferous, Mixed	9 hemlock,	135 white pir	81-110 ne, yellow	Harvest	Shelterwood unless needed for	Deciduous with Cedar operability. Exclud	Record le interior are	
Regen: Other Comment: Site Condi Proposed 32 4501 Prescriptic Specs: Next Step	tion: Start Dat 8032-Cu on Cut al dense Monite	e: 10/01/2 t 69.7	2026 6128 - Lowland Coniferous, Mixed Deciduous and up except cedar,	9 hemlock, regenerati	135 white pir	81-110 ne, yellow	Harvest	Shelterwood unless needed for	Deciduous with Cedar operability. Exclud	Record le interior are	
Regen: Other Comment: Site Condi Proposed 32 4501  Prescriptic Specs: Next Step Treatment	tion: Start Date 8032-Cu on Cut al dense Monito	e: 10/01/2 t 69.7 I trees 2" a cedar esp	2026 6128 - Lowland Coniferous, Mixed Deciduous and up except cedar, pecially where aspen	9 hemlock, regenerati	135 white pir on is no	81-110 ne, yellow t likely. Fo	Harvest	Shelterwood unless needed for	Deciduous with Cedar operability. Exclud	Record le interior are	

Proposed Start Date: 10/01/2026

61 45018061-Cut 28.8 4110 - Sugar Maple 111 51-80 Harvest Selection 4110 - Sugar Planting No Association Maple Record Association

Prescription Thin hardwoods to 60 BA removing most beech except those that appear healthy still. Do not cut other under represented species. Leave slash piled loosely to deter deer browse. Specs:

Next Step Treatments: Monitoring, Natural Regen (Re-Inventory)

Acceptable Moderate to fully stocked maple and other hardwood species.

Regen:

<u>Other</u> Size and shape of treatment may change due to lack of volume.

Comment:

Site Condition:

Proposed Start Date: 10/01/2026

Sault Ste. Marie Mgt. Unit Report 3 -- Treatments Compartment: 45018 s Year of Entry: 2027 t а **Treatment** Acres Stand Size Stand BA **Treatment Treatment Cover Type** Age Habitat n Method Objective Name CoverType Density Age Range Type Structure Cut d 63 45018063-Cut 11.8 4319 - Mixed 81-110 Harvest Clearcut 310 -Previous Nο **Upland Forest** Herbaceous Inventory Openland Prescription Cut all trees 2" and up for openings maintenance. Specs: Next Step Monitoring, Natural Regen (Re-Inventory) Treatments: Acceptable None Regen: **Other** Comment: Site Condition: Proposed Start Date: 10/01/2026 4136 - Aspen, 5 51-80 413 - Aspen **Planting** 45018065-Cut 100.0 61 Harvest Clearcut No Mixed Conifer Record Prescription Cut all trees which are 2" and up at DBH except cedar, hemlock, yellow birch, oak, and red or white pine. Allow for cutting of recently dead spruce and fir. Place two, 1 acre retention patches in each block of the treatment. Specs: Next Step Monitoring, Natural Regen (Re-Inventory) **Treatments:** Acceptable Moderate to fully stocked aspen, spruce, fir, paper birch, and other existing species. Regen: Other Comment: Site Condition: Proposed Start Date: 10/01/2026 45018074-Cut 27 7 4319 - Mixed 9 70 81-110 Harvest Clearcut 4319 - Mixed **Planting** No **Upland Forest Upland Forest** Record Prescription Cut all trees 2" and up at DBH. Do not cut any cedar, hemlock, yellow birch, oak, or white pine if present. Buffer intermittent stream by 100'. Specs: This buffer will also serve as retention and has been removed from the treatment area.

Next Step Monitoring, Natural Regen (Re-Inventory)

<u>Treatments:</u>

Acceptable Moderate to fully stocked aspen, spruce, fir, and any other present species.

Regen:

**Other** Stream crossing may be required. Avoid disturbance to the Big Burn opening as much as possible.

Comment:

Site Condition:

Proposed Start Date: 10/01/2026

#### **Approved Treatments:**

24 45018024-Cut 50.5 42320 - Upland 1-50 Harvest Selection 310 -Previous No Spruce Herbaceous Inventory Openland

Prescription Cut all white spruce.

Specs:

Monitoring, Natural Regen (Intermediate); Burn, Prescribed Fire Next Step

**Treatments:** 

Acceptable Present species

Regen:

**Other** Opening maintenance- try to set back regen in this old opening to benefit sharp-tailed grouse and deer, and salvage for spruce budworm.

Comment:

Site Condition:

Sault Ste. Marie Mgt. Unit Report 3 -- Treatments Compartment: 45018 S Year of Entry: 2027 t а **Treatment Cover Type Treatment** Acres Stand Size Stand BA **Treatment** Age Habitat n Method Objective Structure Name Density CoverType Age Range Type Cut d **Proposed Start Date:** 10/01/2022 45018052-Cut 51-80 4193 - Birch, 24.3 4193 - Birch, Aspen 6 67 Harvest Clearcut **Planting** No Record Aspen Prescription Cut all trees 2" and up at DBH. Do not cut any cedar, oak, pine, hemlock, or yellow birch if present. Buffer open water by 100' or leave a 50' corridor along wetland edges. Treatment reflects a 50' wildlife corridor that will act as retention. Specs: Next Step Monitoring, Natural Regen (Re-Inventory) **Treatments:** Acceptable Moderate to fully stocked paper birch, aspen, sugar maple, spruce, and fir. Regen: Survey needed for blue line and trespass issues. **Other** Comment: Out of year of entry treatment

<u>Site Condition:</u> Survey Needed <u>Proposed Start Date:</u> 10/01/2025

Winter cut for deer yard.

Total Treatment 895.1 Acreage Proposed:

Sault Ste. Marie Mgt. Unit

Compartment: 18 Year of Entry: 2027 Kenny Fanelli: Examiner



Availa	ability for	Managemer	nt								
Total	Acres	Acres Avail	Acres	D	omina	nt Site	e Con	dition	s		
Acres	Available	With Condition	Not Available		21	5C	2G	3A	3J	3L	5E
1317	1226	66	25	Aspen	29	37			17		8
314	4	0	310	Cedar				171		138	
435	435	0	0	Herbaceous Openland							
73	73	0	0	Low-Density Trees							
40	0	9	32	Lowland Aspen/Balsam Poplar		9	14		13		5
82	70	0	12	Lowland Conifers							12
29	0	0	29	Lowland Deciduous			5	25			
38	0	0	38	Lowland Mixed Forest				16			22
226	226	0	0	Lowland Shrub							
11	11	0	0	Marsh							
217	69	148	0	Mixed Upland Deciduous		148					
421	399	9	14	Northern Hardwood		9					14
26	0	24	2	Paper Birch	24						2
2	2	0	0	Sand, Soil							
23	0	0	23	Tamarack			23				
34	34	0	0	Upland Conifers							
57	51	0	6	Upland Mixed Forest					6		
91	91	0	0	Upland Spruce/Fir							
110	110	0	0	Water							
3,547	2,802	255	490	Total Forested Acres	53	202	42	212	36	138	62
	79%	7%	14%	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.

	ominant Site and Availability	<b>Dominant Site Condition</b>	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Unavailable	5E: Long-Term Retention	12	Unspecified	Unspecified	Unspecified	Unspecified
Cor	nments:						

Sault Ste. Marie Mgt. Unit Kenny Fanelli: Examiner



2	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	6	5E: Long-Term Retention	Unspecified	Unspecified	Unspecified
	Comments:						
3	Available	2I: Survey needed	29	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
4	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	9	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
5	Unavailable	3A: Conservation values incompatible with harvest at this time	212	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
	Comments: Other habitat SCA	that is proposed to be added to	the DF	IA			
6	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	23	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
7	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	14	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						

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8	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	10	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						
9	Unavailable	5E: Long-Term Retention	14	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						
10	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	9	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						
11	Unavailable	5E: Long-Term Retention	2	3J: Water quality/BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
(	Comments:						
12	Unavailable	3L: Other wildlife concerns	14	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
	Comments: cedar cutting restra	aints					
13	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						

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14	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	148	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
15	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	13	5E: Long-Term Retention	Unspecified	Unspecified	Unspecified
	Comments: 100'+ buffer as per	the BMP's and Fish Division. Al	so incl	ludes a seep . This area car	n be retention for adjacen	t cut.	
16	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	27	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
17	Unavailable	3L: Other wildlife concerns	44	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Cedar dominated s	stand.					
18	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	17	5E: Long-Term Retention	Unspecified	Unspecified	Unspecified
	Comments: wetland buffer and	retention for adjacent stand					
19	Unavailable	5E: Long-Term Retention	8	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						

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20	Unavailable	5E: Long-Term Retention	3	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
	Comments: retention for adjace	ent stand but too small for retypin	ıg.				
21	Unavailable	5E: Long-Term Retention	27	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
	Comments: Retention for adjace	ent stand, should be retyped nex	kt inve	ntory.			
22	Unavailable	3L: Other wildlife concerns	56	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Cedar dominated s	tand.					
23	Unavailable	3L: Other wildlife concerns	8	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Cedar dominated s	tand.					
24	Available	2I: Survey needed	24	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
25	Unavailable	3L: Other wildlife concerns	16	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Cedar dominated s	tand.					

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				



Stand	nd Level 4 Cover Type			Size Density		Acres	Stand Age E	BA Range	Managed Sit	e	General Comments
1	6223 - Inundat	ed Shrub S	wamp	No	ne	23.1			No		Lowland shrub/ marsh with a peninsula of conifer timber too small for mapping.
2	4110 - Sugar N	Maple Asso	ciation	Sawtimb	er Well	30.5	115	81-110	N/A		Hardwood stand was beech salvaged last entry. Cornbeech Junction
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	45-002-16 beech and ash salvage in 2019.
	Sugar Maple	68		10	115	Su	gar Maple	Low	Variable	Variable	
	Beech	5		10		Ir	onwood	Medium	Variable	Variable	
	Basswood	10		12			Beech	Medium	Variable	Variable	
	White Ash	2		15					'		_
	Yellow Birch	5	Seedling	8							
	Quaking Aspen	5	Seedling	8							
	Ironwood	5	Sapling	5							
3	6229 - Mixed	Lowland S	hrub	No	ne	11.1			No		
4	4130	- Aspen		Sapling	g Well	61.1	24	Immature	N/A		Young aspen is looking good.
	Canopy Species	% Cover	Size Class	DBH	I Age						
	Paper Birch	5	Log	2							
	Tamarack	5	Sapling	6							
	White Spruce	10	Sapling	5							
	Balsam Poplar	20	Log	3	24						
	Quaking Aspen	60	Log	3	24						
5	6120 - Lo	wland Ceda	ar	Sawtimb	er Well	157.9	162	171-200	N/A		Poor cedar stand
	Canopy Species	% Cover	Size Class	DBH	l Age						
	Balsam Fir	5		10							
	Tamarack	10		10							
	Black Spruce	5		10							
Nor	thern White Cedar	80		10	162						
6		- Aspen		Sapling		62.6	6	Immature	N/A		Regeneration is good in some spots and poor in others. Mostly asper and bam. Stand was cut in the summer of 2020 as part of
	Canopy Species		Size Class		Age						Compartment Line Mix.
	Quaking Aspen	50	Log	1	6						
	Balsam Poplar	20	Log	1							
	Balsam Fir	15	Pole	3							
	Paper Birch	5 10	Log	1							
	Bigtooth Aspen		Log								
7		- Aspen		oletimbe		n 90.6	24	1-50	N/A		Stand is right on the edge of pole and sapling depending on where you stand.
	Canopy Species		Size Class		l Age						•
	Balsam Fir	10	Pole	4	0.4						
	Quaking Aspen	90	Sapling	5	24						



Stand	and Level 4 Cover Type		d Level 4 Cover Type S		Size De	Size Density		Stand Age	e BA Range	Managed S	ite	General Comments
8	6139 - Mixed	Lowland Fo	orest	Poletimbe	er Well	8.6	82	111-140	N/A		Inaccessible island in Stand 5	
9	6111 - Lowland	d Balsam P	oplar	Sapling	Well	73.5	7	Immature	N/A	\ \	Stand has regenerated nicely with a mix of aspen and balsam poplar.	
	Canopy Species % Cover Size Cla		Size Class	DBH	Age						This stand was cut in the fall of 2018 as part of Clear Lake Mix.	
	Bigtooth Aspen	10	Log	2							This stand was sat in the fail of 2010 as part of Gloar Earle Mix.	
	Quaking Aspen	50	Log	1	7							
	Balsam Poplar	40	Log	1								
10	6139 - Mixed	Lowland Fo	prest	Poletimbe	er Well	7.8	58	111-140	N/A	<u> </u>	Mostly pole sized lowland species with some large, old cedar. Ground	
	Canopy Species	% Cover	Size Class	DBH	Age						is really wet in some spots. Aged elm, balsam fir, and tamarack at 55-60 years old and cedar at 162.	
	American Elm	5		9							00 years old and cedar at 102.	
	Balsam Fir	30	Sapling	6	58							
	Tamarack	10		10								
	Black Ash	15	Sapling	5								
	Paper Birch	10	Sapling	5								
Noi	thern White Cedar	15		15	162							
	Balsam Poplar	15	Sapling	6								
11	4130	- Aspen		Sapling N	/ledium	8.3	24	Immature	N/A		Low pocket of aspen in the Big Burn area.	
	Canopy Species	% Cover	Size Class	DBH	Age							
	Balsam Poplar	20	Log	2	_							
	Quaking Aspen	80	Log	3	24							
12	4116 - Mixed N.	Hardwood -	- Aspen	Sawtimbe	er Well	13.2	111	51-80	N/A		Stand is a true mix if size and age classes. Well spaced mature sugar	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Spec	ies Densi	ty Avg. Height	Size	maples intermixed with 3-6 inch maple and ironwood saplings.  Bigtooth aspen is found in pockets throughout.	
	Ironwood	5	Sapling	5			Beech	Lov	/ Variable	Variable	Bigliocal aspert to round in position among roun.	
	Beech	5	Seedling	8		Ire	onwood	Lov	/ Variable	Variable		
	Sugar Maple	70		11	111					,	_	
	Bigtooth Aspen	20		12								
13	4130	- Aspen		Sapling N	/ledium	10.8	20	Immature	N/A		Stand was partly brush hogged around 2012, and usually burned	
	Canopy Species	% Cover	Size Class	DBH	Age						through along with the big burn.	
	Bigtooth Aspen	20	Log	3								
	Quaking Aspen	60	Log	3	20							
	Balsam Poplar	20	Log	2								
14	4110 - Sugar M	laple Assoc	ciation	Sawtimbe	er Well	11.8	111	111-140	N/A	\	Hardwood Knob surrounded by big burn. Low quality hardwoods, lost	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Spec	ies Densi	ty Avg. Height	Size	of poles.	
	Sugar Maple	85		10	111	Decidu	ous Sapling	gs Mediu		Variable		
											<del>_</del>	
	Basswood	5		12								



Stand	d Level 4 Co	evel 4 Cover Type Size Density Acres Stand Age BA Range Managed Site			Site	General Comments					
15	4130 -	4130 - Aspen Sawtimber Well 5.1 71 81-110 N/A		4	Large aspen mixed with aspen regen. Stand has been burned through.						
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	Tillough.
	Sugar Maple	5		12		Suga	ar Maple	Low	< 5 feet	< 5 feet	
	Beech	3		8		Quakii	ng Aspen	Low	Variable	Variable	
	Balsam Poplar	5	Seedling	7		White	e Spruce	Trace	10 - 20 feet	10 - 20 feet	
	Quaking Aspen	82		14	71						
	Ironwood	5	Seedling	6							
16	330 - Low-E	ensity Tre	es	Nor	ne	73.3			No	)	Large opening that is part of the Big Burn. Trees are taking over the
						Sub-Can	opy Species	Density	Avg. Height	Size	open land.
						Quaki	ng Aspen	Medium	Variable	Variable	
						White	e Spruce	Low	Variable	Variable	
17	4110 - Sugar M	aple Assoc	ciation S	awtimber	Mediur	n 135.2	111	51-80	N/A	4	Stand was cut hard during beech salvage operations. Beech brush
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	has taken over with only a few maple saplings free to grow. Clear Lake Beech and SBW 45-008-16 beech.
	Sugar Maple	90		11	111	Deciduo	us Saplings	High	Variable	Variable	
No	orthern White Cedar	5		14							-
	Balsam Poplar	5	Seedling	8							
18	4130 -	Aspen	S	awtimber	Mediur	n 29.0	78	51-80	N/A	4	Large mature aspen in the south with smaller trees towards the north.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	Many snags and downed trees have created gaps with aspen and maple growing in them. Marginally wet ground.
	Balsam Poplar	20		10		Quaki	ng Aspen	Low	Variable	Variable	
	Quaking Aspen	65		10	78	Suga	ar Maple	Low	>20 feet	>20 feet	
	White Ash	5		9							
	White Spruce	10		10							
19	4110 - Sugar M	aple Assoc	ciation	Sawtimb	er Well	47.2	125	51-80	N/A	4	Generally low quality hardwoods. A drain/series of ponds run through
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	the center of the stand which contains ash. There are areas with good Sugar maple saplings, free to grow, and goof quality. Ground is rocky,
	Sugar Maple	70		12	125	Suga	ar Maple	Low	Variable	Variable	with poorer timber on the north end near Big Burn.
	Beech	5		12		Iro	nwood	Medium	Variable	Variable	
	Basswood	5		14		В	eech	Low	Variable	Variable	
	White Ash	5		10							-
	Quaking Aspen	5	Seedling	8							
	Ironwood	10	Seedling	6							
20	310 - Herbace	eous Open	land	Nor	ne	432.7			Ye	s	This very large opening with scattered pockets of timber is known as the "Big Burn" and is burned about every ten years.
21	4130 -	Aspen		Sapling	Well	110.0	6	Immature	N/A	4	Aspen regen looks good and thick. Stand was cut in spring/summer of
	Canopy Species	% Cover	Size Class	DBH	Age						2019 as part of Clear Lake Mix.
	Ougling Aspen	00	Log	1	6						
	Quaking Aspen	90	Log		О						



Stand	Level 4 C	Level 4 Cover Type		Size De	nsity	Acres	Stand Age	BA Range	Managed Sit	е	General Comments
22	4130	- Aspen		Sapling	y Well	82.0	16	Immature	N/A		Regen is still looking good. Sale 001-07, cut in 2009, ORV trail.
	Canopy Species	% Cover	Size Class	DBH	l Age						
	Quaking Aspen	80	Log	2	16						
	Balsam Poplar	10	Log	2							
	White Spruce	5	Log	3							
	Balsam Fir	5	Log	2							
23	6120 - Lo	wland Ceda	ar	Sawtimb	er Well	7.6	135	81-110	N/A		OPIC - FMD: Sale 001-07, cut in 2010
	Canopy Species	% Cover	Size Class	DBH	l Age						
	Paper Birch	10		10							
	Quaking Aspen	10		10							
No	rthern White Cedar	80		12	135						
24	42320 - U <sub>l</sub>	oland Sprud	ce	Poletimb	er Poor	56.6	50	1-50	N/A		This stand is currently on contract: D.I. Sheep Ranch 45-009-23. Just under half of the stand has been cut. Update after TCR. Long, narrow
	Canopy Species	% Cover	Size Class	DBH	l Age						stand along Sheep Ranch Road, conifers and aspens, with open
	Balsam Poplar	5	Sapling	5							herbaceous, may have some budworm damage, ORV trail in stand.
	Balsam Fir	5	Sapling	5							
	Paper Birch	5	Sapling	5							
	Quaking Aspen	5	Sapling	5							
	White Spruce	80	Seedling	6	50						
25	6229 - Mixed	Lowland S	hrub	Noi	ne	89.0			No		Usually ponds along Sheep Ranch Road, good water source for fire control.
26	4319 - Mixed	l Upland Fo	rest	Poletimb	er Poor	39.5	50	1-50	N/A		Opening is filling in with trees in some areas.
	Canopy Species	% Cover	Size Class	DBH	l Age						
	Sugar Maple	20		7							
	White Spruce	50	Sapling	5	50						
	Quaking Aspen	30	Pole	3							
27	6223 - Inundat	ed Shrub S	wamp	Noi	ne	9.8			No		
28	4130	- Aspen	Po	oletimbe	Medium	26.7	47	51-80	N/A		There appears to be at least two age classes of aspen in the stand.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Specie	es Density	Avg. Height	Size	Saplings and poles around 50 years old and a class of large over mature aspen.
	Balsam Poplar	5	Sapling	6		Decidu	ous Saplings	Medium	Variable	Variable	· · · · · · · · · · · · · · · · · · ·
	White Spruce	5	Seedling	8					-		-
	Sugar Maple	5	Seedling	6							
	Quaking Aspen	65	Sapling	7	47						
	Quaking Aspen	20		16	90						



Stand	and Level 4 Cover Type		Size Density		Size Density		Size Density	Size Density		Stand Age	BA Range	Managed Si	te	General Comments
29	29 6229 - Mixed Lowland Shrub		hrub	Noi	ne	5.0			No		Split out of stand 34 because it is mostly tag alder with scattered trees.			
						Sub-Ca	nopy Species	Density	Avg. Height	Size				
						Balsa	am Poplar	Low	Variable	Variable				
						Та	g Alder	High	5 - 10 feet	5 - 10 feet				
						Quak	ing Aspen	Low	Variable	Variable				
30	6120 - Lov	vland Ceda	nr :	Sawtimb	er Well	13.5		171-200	N/A		Poor cedar stand			
	Canopy Species	% Cover	Size Class	DBH	l Age									
	Balsam Fir	5		10										
	Tamarack	10		10										
	Black Spruce	5		10										
Nor	thern White Cedar	80		10	162									
31	4191 - Mixed Upla Co	ınd Decidu	ous with	Sawtimb	er Well	6.8	125	81-110	N/A		Small maple island/hill surrounded by aspen and cedar. Poor quality hardwood.			
	Canopy Species	% Cover	Size Class	DBH	l Age									
(	Quaking Aspen	5		10										
	Sugar Maple	55		10	125									
	Paper Birch	10	Seedling	8										
	White Spruce	15		10										
Nor	thern White Cedar	15		10										
32	6128 - Lowland ( Deci	Coniferous, duous	Mixed	Sawtimb	er Well	69.8	135	81-110	N/A		Mature stand of aspen over cedar. The aspen is very overmature and the cedar is also quite large. Hard to tell if the stand is upland or			
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	lowland.			
	Sugar Maple	5		12		Deciduo	ous Saplings	Low	Variable	Variable				
	White Spruce	15		12				'			<del>-</del>			
Nor	thern White Cedar	45		14	135									
(	Quaking Aspen	35		15	135									
33	4136 - Aspen			Sapling		347.5	15	Immature	N/A		Stand of aspen looks good. Trees are 15-40' tall depending on where you are in the stand. Sale 001-07, cut in 2010			
	Canopy Species		Size Class		I Age						jul a			
	Balsam Poplar	10	Log	3										
	Balsam Fir	5	Log	3										
	Sugar Maple	5	Seedling	6										
	Paper Birch	5	Log	2										
	White Spruce	5	Log	2										
Nor	thern White Cedar	10	Seedling	8										



Stand	Level 4 C	over Type		Size De	ensity	Acres	Stand Age B	A Range	Managed Si	te	General Comments
34	6111 - Lowlan	d Balsam F	Poplar P	oletimbe	r Medium	8.5	50	1-50	N/A		Lowland aspen/bam. Areas of only tag alder.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Balsam Poplar	60	Sapling	5	50	Ta	ıg Alder	Medium	5 - 10 feet	5 - 10 feet	
	Quaking Aspen	40		7							_
35	4134 - Aspe	en, Spruce/	Fir	Sawtimb	er Well	6.5	60	51-80	N/A		Aspen and spruce with a wetland inclusion
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Balsam Poplar	15		10		WI	nite Ash	Medium	Variable	Variable	
	White Spruce	30		10		Sug	ar Maple	Low	< 5 feet	< 5 feet	
	Balsam Fir	5	Seedling	8							_
	Quaking Aspen	50		10	60						
36	6121 -	Tamarack	Р	oletimbe	r Medium	22.8	135	51-80	N/A		Cedar is in the north west.
	Canopy Species	% Cover	Size Class	DBH	I Age						
	Tamarack	80	Seedling	8	135						
No	rthern White Cedar	20	Seedling	8							
37	6124 - Lowla	and Spruce	-Fir	Sawtimb	er Well	12.4	92	81-110	N/A		Low transitional stand that was left as a buffer.
	Canopy Species	% Cover	Size Class	DBH	I Age						
	Paper Birch	5	Seedling	8							
	Quaking Aspen	5		10	92						
	White Spruce	70		10	92						
	Tamarack	15	Seedling	8							
	Balsam Poplar	5		10							
38	6229 - Mixed	Lowland S	hrub	Noi	ne	59.4			No		Stand varies with lake level
39	6111 - Lowlan	d Balsam F	Poplar	Poletimb	er Poor	14.3	100	1-50	N/A		Lots of bam and dead ash.
	Canopy Species	% Cover	Size Class	DBH	I Age						
	Tamarack	30	Seedling	8	135						
	Paper Birch	10	Sapling	6							
	Black Ash	10	Seedling	8							
	Balsam Poplar	50	Seedling	7	100						
40	6229 - Mixed	Lowland S	hrub	Noi	 ne	14.8			No		Low spot in cut with tag alder, willow, and dogwood.



Stand	Level 4 Co	4 Cover Type Size Density Acres Stand Age BA Range Managed Site		General Comments							
41	4110 - Sugar M	laple Assoc	ciation	Sawtimb		58.2	100	1-50	N/A		A lot of mature sugar maple was left in the recent cut. Areas with less maple have good aspen regen. Areas under the maple are full of beech brush. Maple seedlings are not recruiting at this point. Stand
	Canopy Species		Size Class		l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Sugar Maple	90		12	100	Pi	n Cherry	Low	Variable	Variable	was cut in the summer of 2019 as part of Clear Lake Mix. All beech,
	Paper Birch	5		9			Beech	Medium	Variable	Variable	aspen, spruce, and ash were cut.
	Red Oak	5		15		Qual	king Aspen	Medium	10 - 20 feet	10 - 20 feet	
						Suç	gar Maple	High	< 5 feet	< 5 feet	
42	42380 - Non Pine U Deci	pland Coni	fer, Mixed	Sawtimb	er Well	34.2	135	51-80	N/A	1	Slightly lower area between upland stands. Mix of aspen, spruce, fir, cedar, yellow birch and maple.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Sugar Maple	10		11		Whi	te Spruce	Low	Variable	Variable	
	Quaking Aspen	30		10	51	Sug	gar Maple	Medium	Variable	Variable	
	Balsam Fir	10	Seedling	8		Northern	n White Cedar	Low	>20 feet	>20 feet	
	White Spruce	15		10					1		-
No	rthern White Cedar	35		14	135						
43	42330 -	Upland Fir		Poletimb	er Poor	12.9	40		N/A	<b>\</b>	Formerly an unforested stand that's filled in with spruce, fir, and birch.
	Canopy Species	% Cover	Size Class	DBH	l Age						
	Paper Birch	20	Seedling	8							
	White Spruce	20	Sapling	6							
	Balsam Fir	60		8	40						
44	6120 - Lov	wland Ceda	r	Poletimb	er Well	4.3	135	51-80	N/A		Strip of cedar along the lake.
45	6220 - A	lder/Willow		Nor	ne	4.7			No		Tag alder with some balsam poplar and ash.
46	4139 - Aspen,	Mixed Decid	duous	Sapling N	Medium	20.8	25	Immature	N/A	<b>.</b>	Stand is heavy with balsam poplar near the road but turns to aspen in
	Canopy Species	% Cover	Size Class	DBH	l Age						the back.
	Balsam Poplar	35	Log	3	25						
	Balsam Fir	10	Pole	3							
	White Spruce	5	Log	3							
	Quaking Aspen	50	Pole	4	25						
47	4139 - Aspen,	Mixed Deci	duous	Poletimb	er Well	43.0	46	81-110	N/A	1	Pole sized aspen but most trees are on the smaller end. The stand
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	should grow 10-20 more years
	Balsam Fir	5	Seedling	8		Haze	elnut (Spp.)	Low	5 - 10 feet	5 - 10 feet	
	Quaking Aspen	45	Seedling	7	46	W	hite Ash	Low	Variable	Variable	
	White Spruce	5	Seedling	8			Beech	Medium	Variable	Variable	
	Paper Birch	10	Seedling	7		Ва	lsam Fir	Low	Variable	Variable	
	Bigtooth Aspen	5	Sapling	5							-
	Balsam Poplar	30	Sapling	6							



Stand	Stand Level 4 Cov		ver Type		Size Density		Acres Stand Age BA Range			te	General Comments	
48	4199 - Other Mixe	d Upland D	eciduous	Poletimb	er Well	34.2 76		51-80	N/A		Mixed stand of hardwoods and aspen. Most of the stand is pole sized but there are areas with over mature sugar maples. A lot of the ash	
	Canopy Species	% Cover	Size Class	DBF	l Age	Sub-Car	opy Species	Density	Avg. Height	Size	but there are areas with over mature sugar maples. A lot of the ash looks like it's surviving okay.	
	Beech	5	Seedling	8		Asl	n (spp.)	Low	Variable	Variable	- rooms into our riving only.	
	Quaking Aspen	20		8	76	Sug	ar Maple	Low	Variable	Variable		
	Ironwood	5	Sapling	5		Iro	nwood	Low	Variable	Variable		
	Basswood	5		15		Е	eech	Low	Variable	Variable		
	White Ash	10		7								
	Sugar Maple	35		9	76							
	Paper Birch	5	Sapling	6								
	Bigtooth Aspen	15		12								
49	42340 - Upla	and Spruce	/Fir	Poletimb	er Poor	5.1	50		N/A		Area of scattered spruce along the ORV trail.	
50	6120 - Lo	wland Ceda	ır	Sawtimb	er Well	13.9	78	111-140	N/A		Cedar concentrated on west side, east side is more mixed. Stream	
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Car	opy Species	Density	Avg. Height	Size	runs through the eastern part of the stand, north into the next compartment	
	Yellow Birch	5		10		Bal	sam Fir	Low	< 5 feet	< 5 feet	Comparation	
	Balsam Fir	15	Seedling	9				<u> </u>	-		_	
	White Spruce	10		14								
No	rthern White Cedar	70		10	78							
51	4199 - Other Mixe	d Upland D	eciduous	Sawtimb	er Well	147.8	116	51-80	N/A		North section: Stand appears two aged with pole sized aspen and	
	Canopy Species	% Cover	Size Class	DBF	I Age	Sub-Car	opy Species	Density	Avg. Height	Size	somewhat scattered mature sugar maple. In the north part of the stand there is a decent bit of cedar underneath the aspen. South	
	Beech	10		9		Sug	ar Maple	Low	Variable	Variable	section: Very mixed. Areas of mixed aspen/spruce/birch/maple/cedar.	
No	rthern White Cedar	5		14		Northern	White Cedar	Low	>20 feet	>20 feet	Other areas or mature maple mixed with pole sized maple. Aspen is	
	Yellow Birch	2		10		Iro	nwood	Medium	Variable	Variable	huge and dying in some spots and pole sized/healthy in others. Couple swales of BAM. The western side of the stand had a lot of	
	Quaking Aspen	33		8	51	Sug	ar Maple	Low	< 5 feet	< 5 feet	beech which has mostly died which has reduced the basal area	
	Sugar Maple	40		13	116	Е	eech	Medium	Variable	Variable	significantly. Areas of heavy sugar maple saplings/poles underneath	
	Paper Birch	10	Seedling	6							<sup>⊥</sup> scattered mature aspen	
52		rch, Aspen		Poletimb		25.8	67	51-80	N/A		Stand of paper birch with sugar maple and some aspen. This stand is mature with some birch falling out already. There is a lot of sugar	
	Canopy Species		Size Class		I Age		opy Species	Density	Avg. Height	Size	maple regeneration and small poles.	
	Quaking Aspen	15	Seedling		67	Sug	ar Maple	Medium	Variable	Variable		
	Balsam Fir	5	Seedling									
	White Spruce	5	Seedling									
	Sugar Maple	30		10								
	Paper Birch	45		8	67							



Stand	d Level 4 Co	Cover Type Size Density Acres Stand Age BA Range Managed Site		te	General Comments					
53	4130 -	- Aspen		Sapling Medium	238.3	14 I	mmature	N/A		Regeneration is good but patch in some areas. Sale 012-07, cut in 2011, cedar, pine, and oak reserved.
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	2011, cedar, pine, and oak reserved.
	Paper Birch	5		2	Ва	lsam Fir	Low	< 5 feet	< 5 feet	
	Quaking Aspen	70	Pole	2 14						
	Balsam Fir	10	Pole	4						
	White Spruce	4	Pole	3						
	Balsam Poplar	10		2						
	White Pine	1		15						
54	6120 - Lov	vland Ceda	r	Poletimber Well	56.2	135	1-50	N/A		Idyllic cedar stand. Cedars are tall and mostly straight. Ground is
	Canopy Species	% Cover	Size Class	DBH Age						rather dry for what it is. Likely one of the few manageable cedar stands
	White Spruce	5		12						otalias
No	orthern White Cedar	75		10 135						
	Paper Birch	5	Seedling	7						
	Tamarack	15	-	11						
55	310 - Herbace	eous Openl	and	None	2.5			No		Scattered mature conifers, aspen regen on east side, Illegal gate in Stand 9 blocked me from getting further.
56	4110 - Sugar M	laple Assoc	iation S	awtimber Mediur	n 42.8	111	51-80	N/A		sale 45-005-14-01, beech salvage.
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Beech	5		10	Decidu	ous Saplings	High	Variable	Variable	
	Ironwood	5	Seedling	6				1		_
	Sugar Maple	85		10 111						
	Paper Birch	5	Seedling	6						
57	6239 - Mixed Eı	mergent Wo	etland	None	11.0			No		North shore of Dickenson Lake
58	6223 - Inundate	ed Shrub Sv	vamp	None	9.0			No		Flooded timber
59	500 -	Water		None	50.0			No		Clear Lake
60	42320 - Up	land Spruc	<u> </u>	Poletimber Well	3.9	50	1-50	N/A		Stand is in okay shape. Not too much sign of sbw.
		•	Size Class	DBH Age						
	Canopy Species	% Cover	OILU OIUUU	DDII Ago						
	Canopy Species Sugar Maple	% Cover	Seedling	9						
	Sugar Maple									
	Sugar Maple Paper Birch	5	Seedling Seedling	9						
	Sugar Maple	5 5 5	Seedling Seedling Seedling	9 6 8						
	Sugar Maple Paper Birch Quaking Aspen	5	Seedling Seedling	9 6						

Report 7 – Stands

Compartment: 18
Year of Entry: 2027

S OF NATURAL
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MICHIGAN

Stand	Level 4 C	4 Cover Type Size Density Acres Stand Age BA Range Managed Site		ite	General Comments						
61	4110 - Sugar N	/laple Asso	ciation	Sawtimb	er Well	118.4	111	51-80	N/A		Typical hardwood stand for Drummond. Old declining maple with lots of ironwood and beech brush. There is the occasional pocket of sugar
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	maple saplings. Sale: Cornbeech Junction 45-002-16 beech and ash
	Ironwood	5		10		Iro	nwood	High	Variable	Variable	salvage in 2019.
	Beech	5		10		E	Beech	Medium	Variable	Variable	
	Basswood	2		16		Sug	ar Maple	Trace	Variable	Variable	
	White Ash	3		16				,			-
	Sugar Maple	80		10	111						
	Paper Birch	5	Seedling	6							
62	6117 - Lowland Con	Deciduous, iferous	Mixed	Poletimb	er Well	27.5	58	111-140	N/A		Mostly pole sized lowland species with some large, old cedar. Ground is really wet in some spots. Aged elm, balsam fir, and tamarack at 55
	Canopy Species	% Cover	Size Class	DBH	l Age						60 years old and cedar at 162.
	Paper Birch	10	Sapling	5							
	Balsam Poplar	15	Sapling	6							
Noi	rthern White Cedar	15		15	162						
	Black Ash	30	Sapling	5	58						
	American Elm	5		9							
	Balsam Fir	15	Sapling	6	58						
	Tamarack	10		10							
63	4319 - Mixed	•		Poletimbe		n 11.8	50	81-110	N/A		Stand is part of the big Burn area but has filled enough with trees to stand alone. Patched of spruce, aspen, and birch of all sizes.
	Canopy Species		Size Class		Age						
	Paper Birch	10		7							
	White Spruce	50		7	50						
	Quaking Aspen	40		7							
64	6120 - Lo	wland Ceda	ar	Poletimb	er Poor	16.4	138	51-80	N/A		Low area with sparse canopy. Mostly cedar and balsam poplar.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Quaking Aspen	5	Seedling	5		Northern	White Cedar	Trace	Variable	Variable	
	Tamarack	10		10		Whi	te Spruce	Low	< 5 feet	< 5 feet	
	Balsam Poplar	25	Seedling	5		Та	g Alder	Medium	5 - 10 feet	5 - 10 feet	
Noi	rthern White Cedar	60		8	138						_
65	4136 - Asper	n, Mixed Co	nifer F	Poletimbe		n 198.7	61	51-80	N/A	ı	Large stand that differs from east to west. There was much more  ¬ balsam fir to the east but it is almost all dead and down. SBW has
	Canopy Species		Size Class		l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	come and gone. The fir on the west side is mostly alive still. The
	Bigtooth Aspen	26		12		Whi	te Spruce	Low	Variable	Variable	aspen is in fine shape.
	Quaking Aspen	50	Seedling		61	As	h (spp.)	Low	< 5 feet	< 5 feet	
	Balsam Poplar	3	Seedling								
	Balsam Fir	15		9							
	White Spruce	3		10							
Noi	rthern White Cedar	3		8							



Stand	d Level 4 C	Level 4 Cover Type			Acres	Stand Age	BA Range	Managed Site		General Comments		
66	4134 - Asp	en, Spruce/	ıce/Fir Sapling Medium		35.6	24	51-80	N/A		Small aspen that wasn't cut with the stand to the north due to lack of volume.		
67	4130 - Aspen			Poletimber Well		92	51-80	N/A		Pole size aspen with some older declining aspen.		
	Canopy Species	% Cover	Size Class	DBH Age								
	White Ash	10	Seedling	8								
	Balsam Poplar	10		10								
	Paper Birch	10	Seedling	9								
	Bigtooth Aspen	5	Seedling	9								
	Quaking Aspen	65		10 92								
68	4130 - Aspen			Sapling Medium	15.1	24	Immature	N/A		Aspen regen is okay for its age. Patchy in spots. Sale 009-98-01		
	Canopy Species	% Cover	Size Class	DBH Age								
	Balsam Fir	10	Log	3								
	Balsam Poplar	10	Log	3								
	Quaking Aspen	80	Log	3 24								
69	4199 - Other Mixed Upland Deciduous Sav		Sawtimber Well	27.8 111		51-80	N/A		Typical hardwood stand for Drummond. Old declining maple with lots			
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Canopy Speci		es Density	Avg. Height Size		of ironwood and beech brush. There is the occasional pocket of sugar maple saplings. Sale: Cornbeech Junction 45-002-16 beech and ash		
	Beech	5		10	Beech		Medium	Variable	Variable	salvage in 2019.		
	Basswood	2		16	Ironwood		High	Variable	Variable			
	White Ash	3		16	Sugar Maple		Trace	Variable	Variable			
	Sugar Maple	45		10 111								
	Paper Birch	5	Seedling	6								
	Quaking Aspen	35		8								
	Ironwood	5		10								
70	4110 - Sugar Maple Association Sawtimber				8.6 60		81-110	81-110 N/A		Small hardwood stand, typical looking for Drummond. Lots of		
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Specie	es Density	Avg. Height	Size	rironwood		
	Sugar Maple	70		11 60	Su	gar Maple	Medium	< 5 feet	< 5 feet			
	White Ash	10		9	Ir	onwood	Medium	Variable	Variable			
	Quaking Aspen	20		9	Stri	oed Maple	Low	Variable	Variable			
		,				Beech	Medium	Variable	Variable			
71	42360 - Upland Cedar		ar	Poletimber Well	44.3	135	111-140	N/A				
	Canopy Species	% Cover	Size Class	DBH Age								
No	orthern White Cedar	100		6 135								



Stand	d Level 4 C	Level 4 Cover Type		Size Density	Acres	Stand Age B	A Range	Managed Site		General Comments	MICHIGAN
72	6115 - Lo	owland Ash		Sawtimber Well	Well 9.8	80	81-110	N/A		Lowland ash stand with very wet ground. Marsh Marigo	Marsh Marigolds throughout
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	the stand. Flowing water in places.	
	Green Ash	30		10	Whi	te Spruce	Low	5 - 10 feet	5 - 10 feet		
	Black Ash	40	Seedling	7 80	Decidu	ous Saplings	Low	Variable	Variable		
	Balsam Poplar	20		8	BI	ack Ash	Low	Variable	Variable		
	White Spruce	5		13							
No	orthern White Cedar	5		16							
73	6139 - Mixed Lowland Forest		orest	Poletimber Well	21.5	.5 81-110		N/A		Mixed lowland stand that was left behind during the adj	during the adjacent harvest
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	because the ground was too wet.	
	Paper Birch	5		7	Mixe	d Grasses	Medium	Not Applicable	Not Applicabl		
	Quaking Aspen	25		9 78	Ва	ılsam Fir	Low	Variable	Variable		
	Tamarack	40		11 78						•	
	Balsam Poplar	15	Seedling	8							
	White Spruce	10		11							
	Black Spruce	5	Seedling	6							
74	4319 - Mixed Upland Forest		rest	Sawtimber Well	33.4 70 81-110		N/A		Aspen with spruce and fir. A stream splits the stand. The fir and spruce have spruce bud worm. Large ridge in the south boundary has		
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	mostly aspen but smaller in size.	i boundary nas
	Paper Birch	5		10	Whi	te Spruce	Low	Variable	Variable		
	Quaking Aspen	40		10 70							
	Balsam Fir	30		9 60							
	Balsam Poplar	5		10							
	White Spruce	15		10							
No	orthern White Cedar	5	Seedling	8							
75	6111 - Lowland Balsam Poplar		oplar	Poletimber Well	12.7	82	111-140	N/A	4	Left as a buffer when stand 6 was cut.	
	Canopy Species	% Cover	Size Class	DBH Age							
	Quaking Aspen	10		11							
	Balsam Poplar	60	Seedling	8 82							
	White Spruce	30	Seedling	8							
76	500	500 - Water None		59.7			No	)			
77	42320 - Upland Spruce		e	Sapling Medium	12.7 39			N/A		This is part of the surrounding opening (Big Burn) that I	nas completely
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	filled in with spruce.	
	White Spruce	80	Pole	4 39		te Spruce	Low	Variable	Variable		
	Quaking Aspen	20	Pole	4		•		1	1	1	
78	710 - 8	Sand, Soil		None	2.2			No	)	Old sand and gravel pit with surrounding grasses and g maple, local camping spot.	roves of