

# **Compartment Review Presentation**

Sault Ste. Marie Forest Management Unit

Compartment 45202
Entry Year 2027
Acreage: 3,486
County: Mackinac

Management Area: St. Ignace Lake Plain

Stand Examiner: Kevin Bryers

**Legal Description:** 

T42N-R11W, Sections 15, 16, 21, 22, 27, 28 and 34

### **Identified Planning Goals:**

Southwestern part of Simmons Woods area. Young aspen and heavily thinned hardwood stands are common. Along with a minor component of Cedar and Red Pine stands. Treatments of over-mature aspen/birch stands, hardwood stands for beech and ash salvage, and Red Pine thinning have occurred since last inventory. Continue to monitor and manage all stands in the compartment. Goals for 2027 are: To plant stand 39, thin numerous northern hardwood stands, and clearcut stand 58.

### Soil and topography:

Level to rolling with rock at or near surface. Soil types include Amadon-Longrie sandy loam; Wallace sand; Wallace-Alcona complex; Superior fine sandy loam; Battydoe, stony-Wallace complex; Longrie-Battydoe, stony, complex; Springlake loamy coarse sand; Amadon-Rock complex; Ensign fine sandy loam; and Leafriver-Croswell-Wainola complex.

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

State land to the northeast, east and south, including two other Simmons Woods compartments. Private land to the north and corporate land to the west.

#### **Unique Natural Features:**

Karst features are evident by Stone Lake. A portion of the wooded dune and swale complex is within the compartment boundaries. The potential exists for raptors to use the mature hardwoods and/or pine stands. Also, potential for threatened or endangered plant and animal species exists.

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

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

Compartment contains areas within a Designated Habitat Area.

#### **Watershed and Fisheries Considerations:**

This compartment contains Duel Lake, Mud Lake, Stone Lake, Cataract River, and Point Peterson Creek. The Cataract River and Point Paterson Creek are designated Type 1 trout streams less than 50-ft wide and have predicted mean July water temperatures that range from 60.9 to 63.1°F (cold streams). 300-foot buffers are recommended for the Cataract River and Point Paterson Creek in riparian areas susceptible to Aspen regeneration. For areas not susceptible to Aspen regeneration, a minimum 100-foot, plus 5 feet per 1% increase in slope, buffer is recommended to protect these resources in accordance with Best Management Practices. Duel Lake, Mud Lake, and Stone Lake are natural lakes that exist in this compartment. 100-foot, plus 5 feet per 1% increase in slope, buffers are recommended to protect inland lake shoreland areas in accordance with Best Management Practices.

#### Wildlife Habitat Considerations:

This compartment is in the St. Ignace Lake Plain Management Area where featured wildlife species include American marten, American woodcock, black bear, blackburnian warbler, black-throated blue warbler, ruffed grouse, sharp-tailed grouse, snowshoe hare, and white-tailed deer. It is part of the Simmons Woods area. The eastern part has a designated habitat area for core interior forest species. The southern portion is in deer wintering complex, and there is wooded dune and swale complex in the southeastern portion. The wooded dune and swale complex will be protected. Northern hardwoods and aspen types are common in the compartment. Some northern hardwood stands will be treated to encourage age class and structural diversity. Others will be left to continue to mature. Some larger trees as well as species diversity will be retained. This will provide habitat for black-throated blue warbler, blackburnian warbler, and marten. During the last entry, oak planting was prescribed for a number of stands where beech salvage was occurring. Due to constraints including the rocky ground in many places, that did not occur. A number of aspen stands are relatively young, and most will be left to continue maturing. Ruffed grouse, snowshoe hare, woodcock, and deer will all benefit from the management

here. Any rare species or features will be protected as will lakes and wetlands.

## Mineral Resource and Development Concerns and/or Restrictions

Compartment 202 Sections 15-16, 21-22, 27-28, & 34, T42N R11W, Mackinac CountyNo known potential exists for commercial oil & gas production in this part of the state, and there is no known potential for economic production of metallic minerals in this area. The closest known active sand & gravel operation is less than two miles north. Bedrock is very near the surface across much of the compartment and surrounding area. There may be some potential for minor amounts of sand & gravel from the thin glacial drift on the uplands. Extensive exploration (test drilling) for high-purity dolomite was conducted within the compartment and to the southwest. High-purity dolomite of the Engadine Group is relatively thin in the northern portion of the compartment and likely pinches out in Sec 16, but the formation increases in thickness to the south. The State acquired a significant portion of this property from Carmeuse, as part of a land exchange, a few years ago, and the dolomite resources were evaluated as part of the transaction. While valuable dolomite resources occur on/beneath the compartment, potential for economic development of these resources is unlikely in the near future. Development of a new quarry and associated infrastructure would not be economical at this time. The State does not own all the mineral rights within the compartment. 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:**

This compartment is fairly well roaded, but access is limited due to bermed or gated roads. South Gould City Road runs along the west side of the compartment. Simmons Woods Road, a good county gravel road, provides the main access route to numerous other roads and two-tracks. Other county roads that provide limited access include Polly Road, a fair gravel road, Richardson Road, a fair to good gravel road, and LaLonde Road, a poor road. The main loop road from the adjacent compartment of Simmons Trail and Mitigwaking Trail are continued here along the Catarac River. LaPine Grade, which heads southwest from Duel Lake, is bermed in the adjacent compartment near a seasonal streambed. Any new roads built for timber sale purposes will be bermed when complete.

#### **Survey Needs:**

Approximately 1 mile of line needed for this entry years' timber sale purposes. T42N R11W section 15, NW1/4

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

Primarily hunting and fishing, mushroom and berry picking. An organized dog-sled race usually takes place here in March.

#### **Fire Protection:**

Fire potential is low due to the large amount of acreage in hardwoods. Access into the compartment is good.

#### **Additional Compartment Information:**

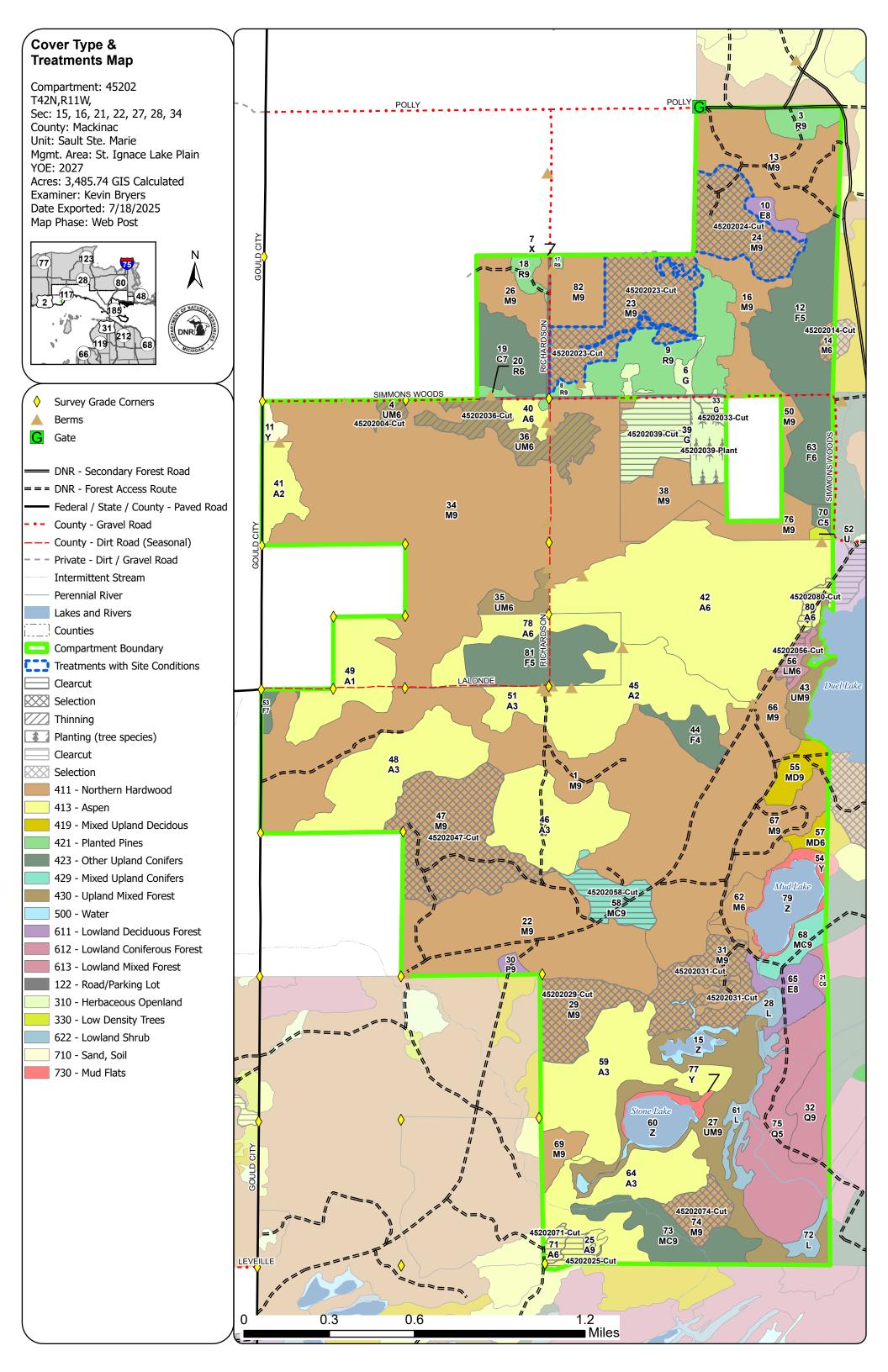
None

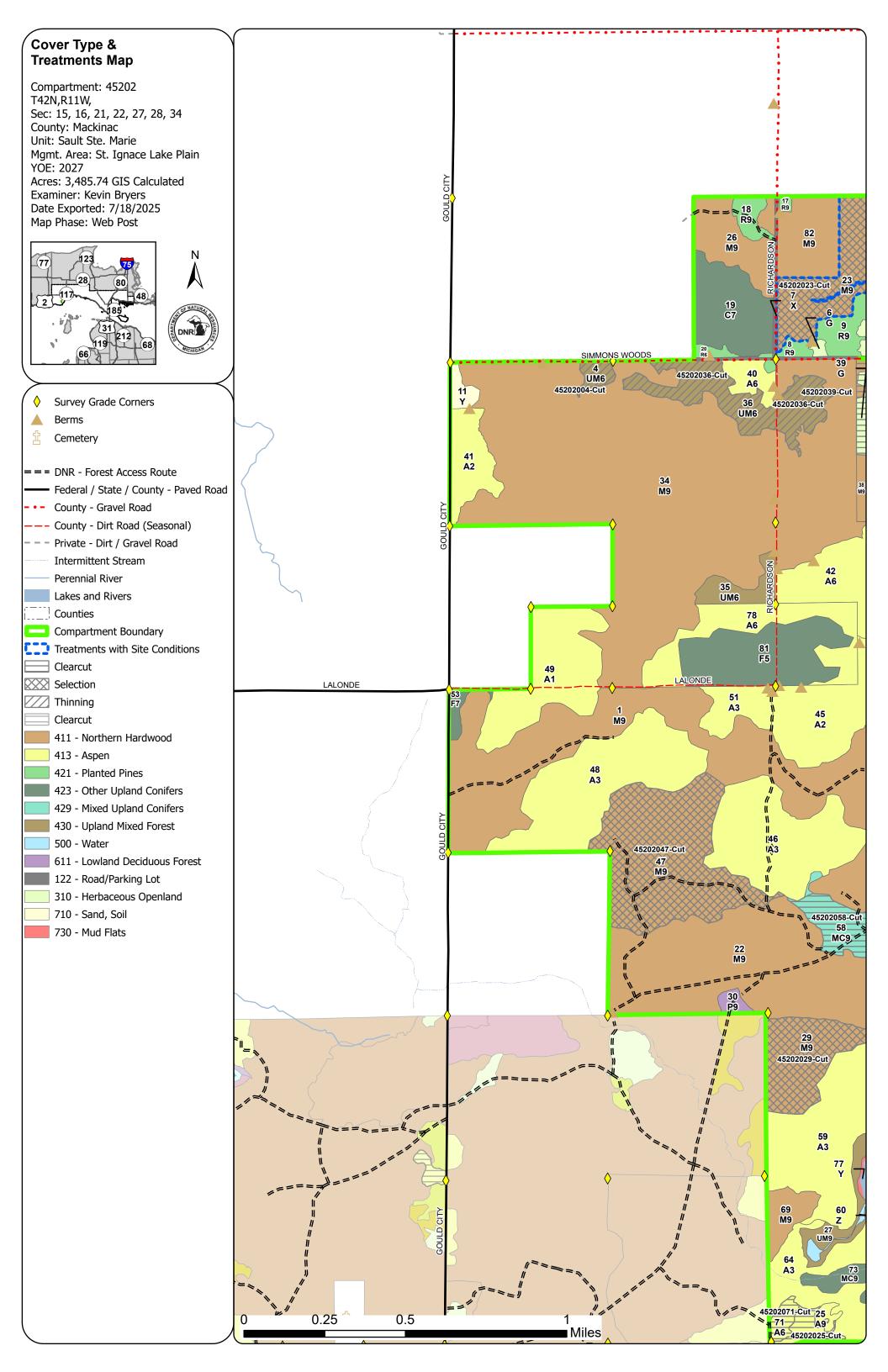
#### The following reports from the Inventory are attached:

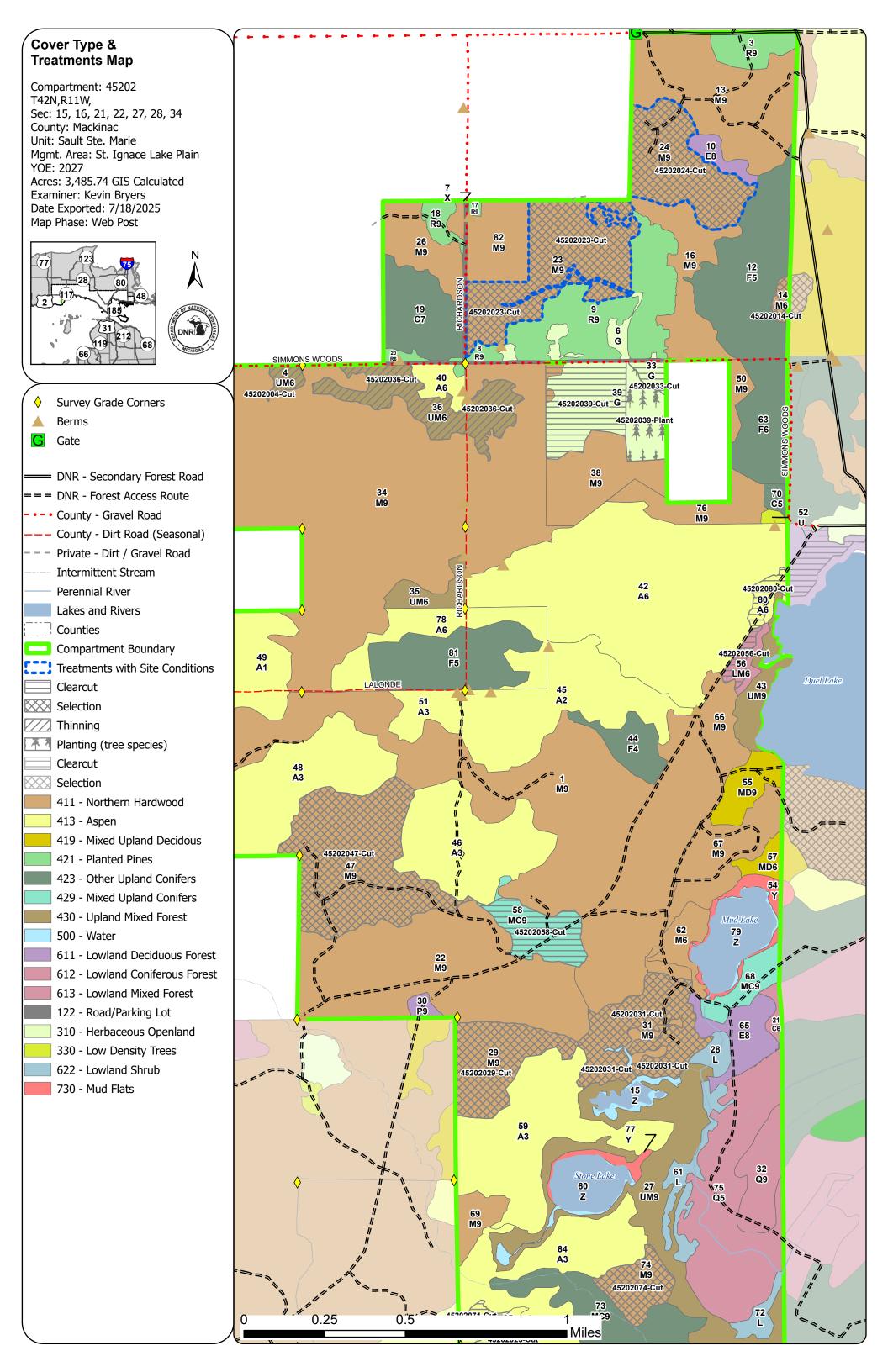
Total Acres by Cover Type and Age Class
Cover Type by Harvest Method
Proposed Treatments – No Limiting Factors
Proposed Treatments – With Limiting Factors
Stand Details (Forested and Nonforested)
Dedicated and Proposed Special Conservation Areas
Site Condition Details

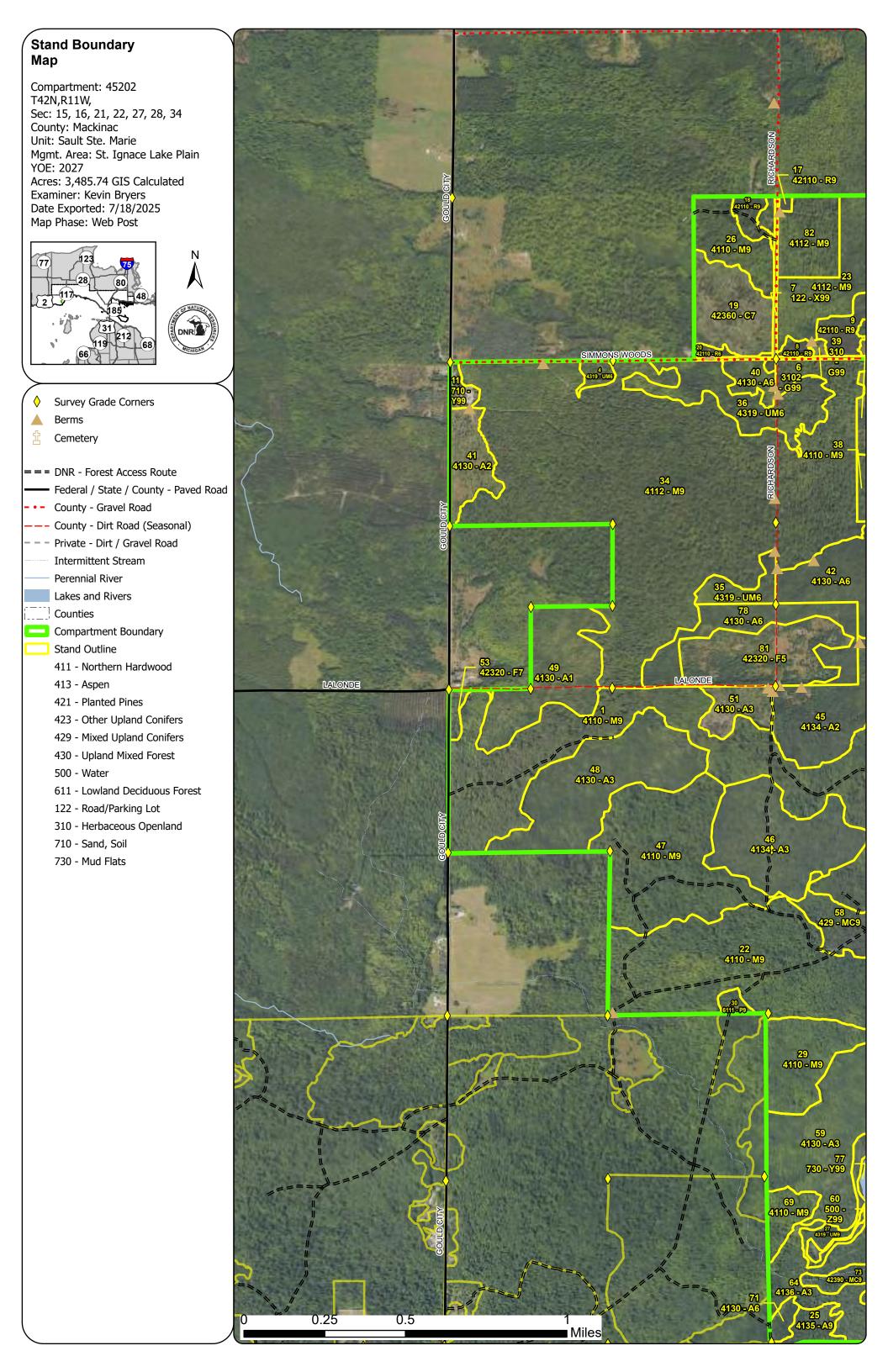
The following information is displayed, where pertinent, on the attached compartment maps:

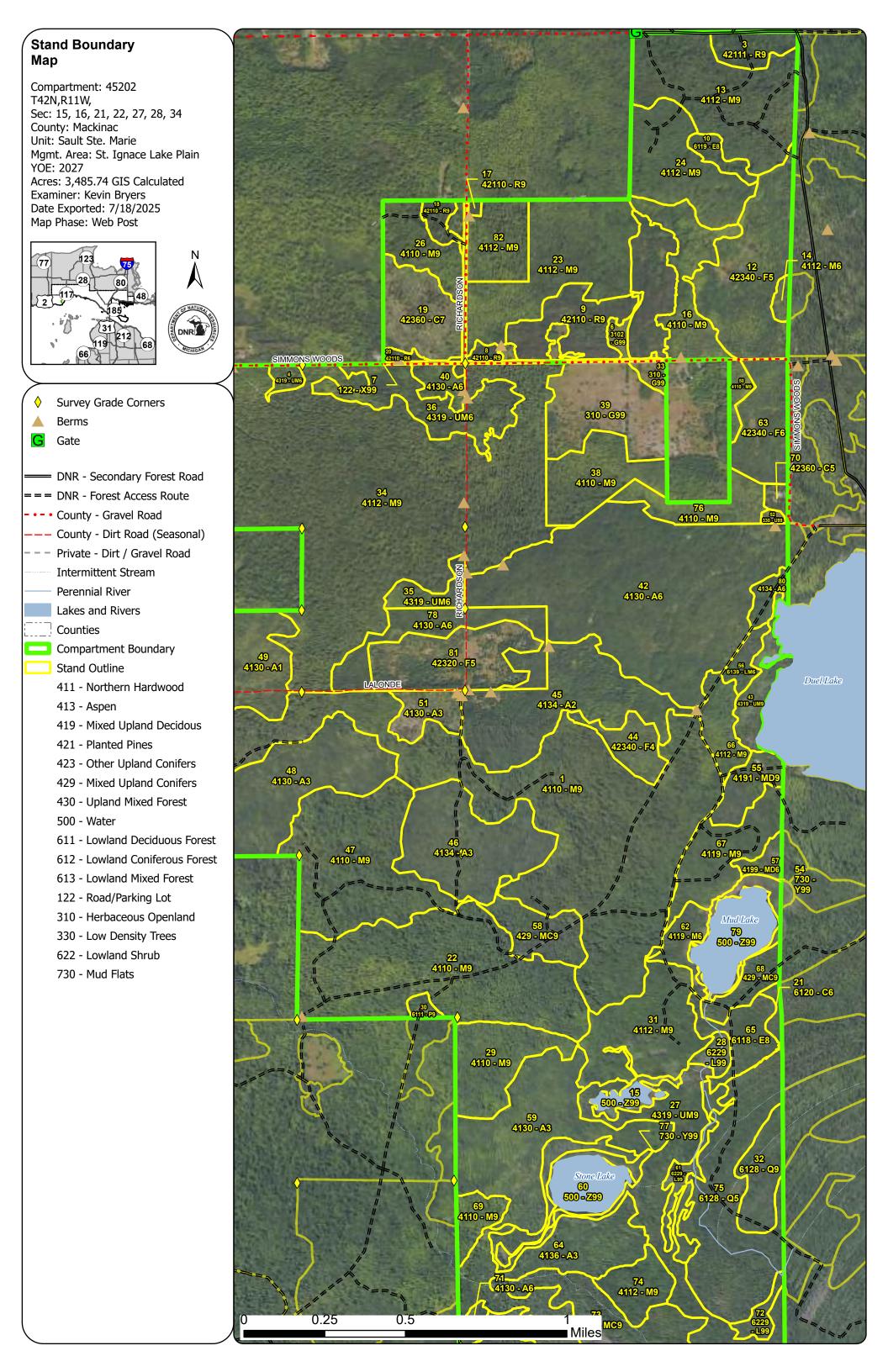
Base feature information, stand boundaries, cover types, and numbers Proposed treatments
Site condition boundaries
Details on the road access system

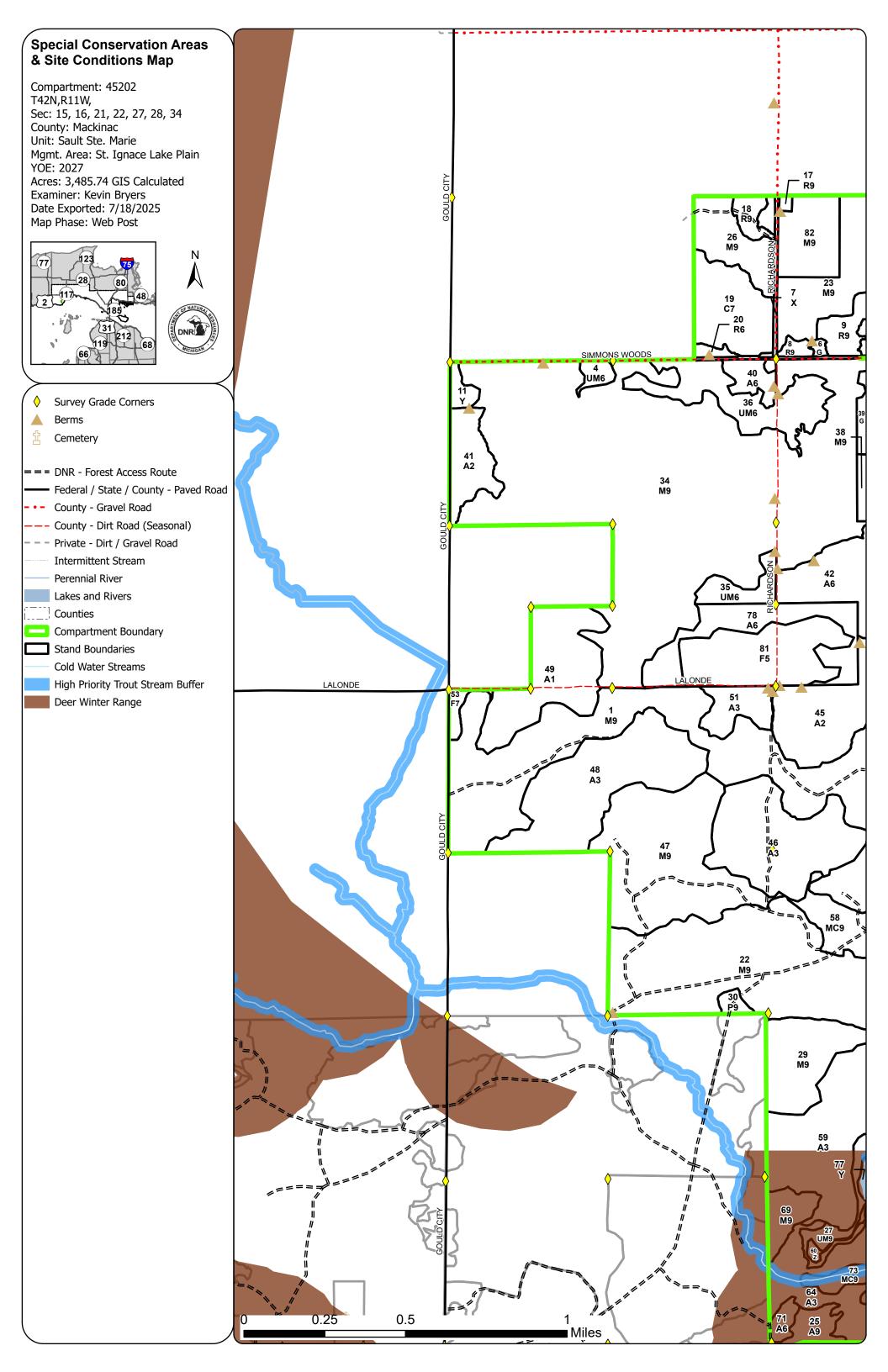


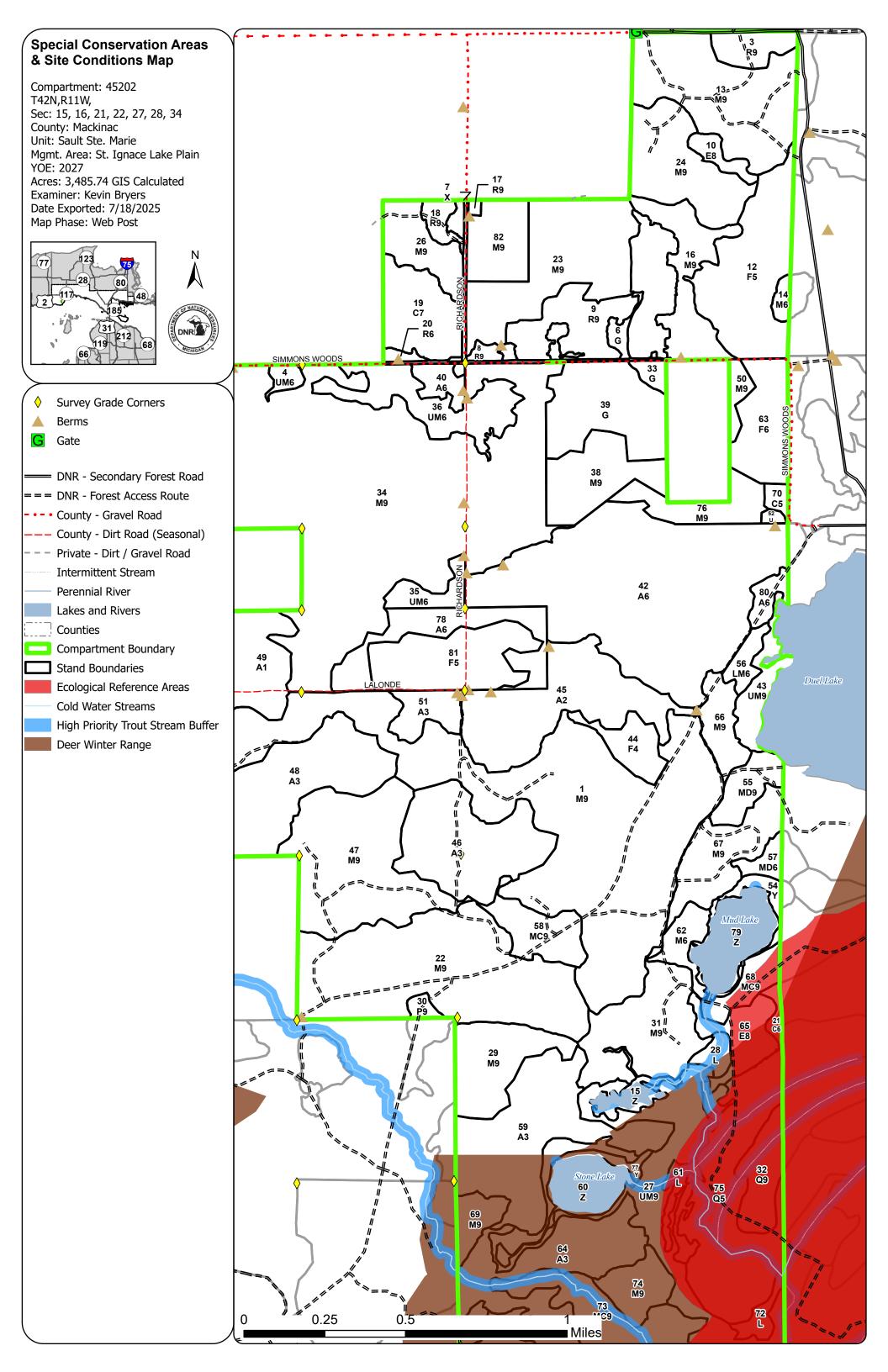












Sault Ste. Marie Mgt. Unit

**Kevin Bryers: Examiner** 



## Age Class

	No.	Kor C	3 / 1		g g	3/4		3/8	\$ / 8	R. S.	a a	S IN	"" "" " " " " " " " " " " " " " " " "		,	25 / E	No. of the second	No.	A STATE OF THE STA
Aspen	0	41	129	183	298	138	10	5	0	0	0	8	0	0	0	0	0	0	812
Cedar	0	0	0	0	0	0	0	4	0	39	0	4	0	0	0	0	0	0	47
Herbaceous Openland	72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	72
Low-Density Trees	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Lowland Aspen/Balsam Poplar	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	4
Lowland Conifers	0	0	0	0	0	0	0	0	0	0	0	124	0	0	0	0	0	0	123
Lowland Deciduous	0	0	0	0	0	0	0	0	0	0	0	0	23	0	0	0	0	8	31
Lowland Mixed Forest	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	9
Lowland Shrub	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32
Mixed Upland Deciduous	0	0	0	0	0	0	0	0	0	0	0	25	0	0	0	0	0	0	25
Northern Hardwood	0	0	0	0	0	0	0	0	25	116	563	769	20	0	0	0	0	191	1683
Red Pine	0	0	0	0	0	0	76	7	17	0	0	0	0	0	0	0	0	0	100
Sand, Soil	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24
Upland Conifers	0	0	0	0	0	0	0	42	0	0	0	0	44	0	0	0	0	0	86
Upland Mixed Forest	0	0	0	0	0	0	0	49	13	0	0	20	91	0	0	0	0	0	173
Upland Spruce/Fir	0	0	0	18	36	77	59	0	0	0	0	0	0	0	0	0	0	0	189
Urban	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Water	66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
Total	204	41	129	201	334	215	149	107	55	155	563	950	187	0	0	0	0	199	3486



## **Report 2 - Treatment Summary**

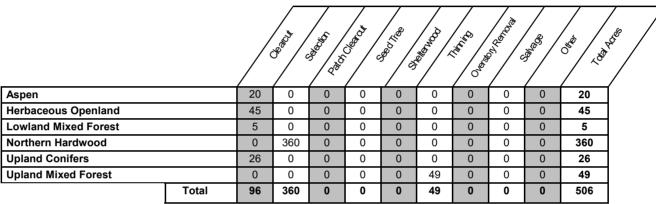
Sault Ste. Marie Mgt. Unit Year of Entry: 2027

#### **Acres of Harvest**

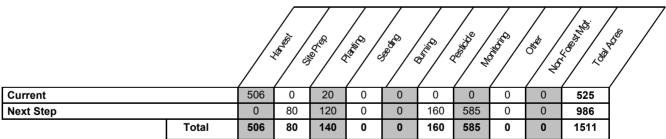
Compartment 202
Total Compartment Acres: 3,486

Commercial Harvest - 1178 Harvests with Site Condition - 272 Next Step Harvest - 0 Habitat Cut - 0

## **Cover Type by Harvest Method**



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



S t									Year of Entr	y: 2027	DNR
a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habit Cut
pose	d Treatmen	ts:									
36	45202004-Cut	4.9	4319 - Mixed Upland Forest	6	60	111- 140	Harvest	Thinning	4319 - Mixed Upland Forest	Cutting Record	N
Spec	s: basal a	rea for red	ne trees marked fo d pine should be 11 ral Regen (Re-Inve	10-120.Harv						ality or suppre	essed. Fi
	tments:	ing, rtatai	ar rogon (rto mro	.nory)							
Acce Rege		Moderate	to fully stocked no	orthern hard	wood sp	ecies.					
Othe Com	<u>r</u> Portion <u>ment:</u>	s of this st	tand without any re	ed pine will r	not see a	any harve	est treatment				
Site (	Condition:										
Prop	osed Start Date	<u>:</u> 10/01/20	026								
23	45202023-Cut	79.7	4112 - Maple, Beech, Cherry Association	9	96	81-110	Harvest	Selection	411 - Northern Hardwood	Cutting Record	N
Spec	of poor	quality. F	rdwood stand to BA Remove some qual ral Regen (Re-Inve	ity sawlog t							cies even
	tments:	ing, rtatai	ar rogon (rto mro	.nory)							
Acce Rege		, moderate	e to fully stocked no	orthern hard	dwood s	pecies: sı	ugar maple red r	maple, beech, blac	ck cherry.etc.		
Othe Com	<u>r</u> very dr <u>ment:</u>	y summer	or winter logging								
Site (	Condition: Sur	vey Neede	ed								
Prop	osed Start Date	<u>:</u> 10/01/20	026								
24	45202024-Cut	55.9	4112 - Maple, Beech, Cherry Association	9	104	81-110	Harvest	Selection	411 - Northern Hardwood	Current	No
Preso Spec			rdwood stand to BA ardless of species.								ies even
	<u>Step</u> Monito tments:	ring, Natur	ral Regen (Interme	diate)							
Acce Rege		, moderate	e to fully stocked no	orthern hard	dwood s	pecies: sı	ugar maple, red	maple, beech, bla	ck cherry, etc.		

Other Comment: Summer logging.

Site Condition: Survey Needed Proposed Start Date: 10/01/2026

DNR MICHIGAN

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
25	45202025-Cut	7.94	1135 - Aspen, Cedar	9	46	81-110	Harvest	Clearcut	413 - Aspen	Planting Record	No
Spe Nex	<u>ecs:</u> made ι	ıp of the tv	es to a minimum diar wo fingers extending ral Regen (Intermedia	in the No			•			proximately .7	acres are
Acc Rec		, Moderat	e to fully stocked asp	pen with a	a minor o	componer	it of balsam fir a	and white spruce.			
Oth Con	<u>er</u> winter l nment:	ogging									
	Condition: posed Start Date	<u>:</u> 10/01/2	026								
29	45202029-Cut	42.2	4110 - Sugar Maple Association	9	100	81-110	Harvest	Selection	411 - Northern Hardwood	Planting Record	No

<u>Prescription</u> Specs: Thin northern hardwood stand to Basal Area of 70-80. Remove all poor-quality stems. Enhance biodiversity by leaving underrepresented species. Remove some quality sawlog trees to increase monetary value. Designate for harvest all ash, aspen, balsam fir and

Next Step Monitoring, Natural Regen (Re-Inventory)

**Treatments:** 

Acceptable natural, Moderate to fully stocked northern hardwood species: sugar maple, red maple, beech, black cherry, etc.

Regen:

Other very rocky ground, marking will require some areas not to be managed. dry summer or winter logging

Comment:

Site Condition:

Proposed Start Date: 10/01/2026

31 45202031-Cut 54.5 4112 - Maple, 9 100 81-110 Harvest Selection 411 - Northern Cutting No Beech, Cherry
Association

<u>Prescription</u> Thin northern hardwood stand to basal area of 70-80. Remove all poor-quality trees. Enhance biodiversity by leaving underrepresented species. Remove some quality trees to increase monetary value. Designate for harvest all ash, aspen, balsam fir and beech

<u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u>

Acceptable natural, Moderate to fully stocked northern hardwood species: sugar maple, red maple, beech, black cherry, etc.

Regen:

Other summer logging

Comment:

Site Condition:

Proposed Start Date: 10/01/2026

33 45202033-Cut 4.9 310 - Herbaceous 99 Harvest Clearcut 310 - Previous No Openland Herbaceous Inventory Openland

Prescription harvest all merchantable trees. leave all apple species.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable none

Regen:

Other open maintance

Comment:

Site Condition:

Proposed Start Date: 10/01/2026

t	Sau	It Ste. Marie	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
36	45202036-Cı	ıt 44.1	4319 - Mixed Upland Forest	6	60	111- 140	Harvest	Thinning	4319 - Mixed Upland Forest	Cutting Record	No
Spec Next Treat	<u>Step</u> Monit tments:	area for red	ne trees marked for pine should be 11 al Regen (Re-Inver to fully stocked nor	0-120.Harv ntory)	est all o	ther spec				ality or suppre	essed. Fin
Rege Othe Com Site (	en: <u>r</u> Portion ment: Condition:	ons of this st	and without any red		·		st treatment				
	<u>osed Start Da</u> 45202039-Cเ		310 - Herbaceous Openland	99			Harvest	Clearcut	4211 - Planted Red Pine	Planting Record	No
Preso Spec		II trees over	1 in DBH to prep s	ite for plan	ted red p	oine.					
			ng; SitePrep, Roll ved; Monitoring, A							anting, Trench	ned Plant;
Site (		Ü	ite would be benefi 026	cial and pr	eferred it	f feasble.					
Next Treat Acce Rege	<u>Step</u> Monit tments: eptable Uplar en:	plant oak to c	310 - Herbaceous Openland create diversity and ial Regen; Monitor and conifers.			n (3yr)	Planting	Planting (tree species)	4319 - Mixed Upland Forest	Current	No
Preso Spec Next Treat Acce Rege Othe Com	Plant cription Interpose: Step Monituments: eptable Uplaren: ment: Condition:	plant oak to description	Openland create diversity and ial Regen; Monitor and conifers.	hard mas		n (3yr)	Planting			Current	Nc
Press Spec Next Treat Acce Rege Othe Comi	Plant cription Interpose: Step Monit tments: eptable Uplar en: fment:	clant oak to determine to classification of the control of the con	Openland create diversity and ial Regen; Monitor and conifers.	hard masi	al Regei	n (3yr) 81-110	Planting		Upland Forest  411 - Northern	Current	
Press Spec Next Treat Acce Rege Othe Comi Site (	Plant cription Interpose: Step Monit tments: sptable Uplar en: r ment: Condition: osed Start Dar 45202047-Cu	coring, Artificend deciduous  te: 10/01/20  te: 103.1 4	Openland create diversity and ial Regen; Monitor and conifers.	hard massing, Artificing, Artificing	al Reger	81-110 all poor-¢	Harvest quality trees. Enh	Selection	Upland Forest  411 - Northern Hardwood by leaving underre	Current epresented sp	No
Press Spec Othe Coming Site Communication Property A7	Plant cription Interpose: Step Monit tments: sptable Uplar en: fment: Condition: osed Start Da  45202047-Cu cription Thin se: Remo	te: 10/01/20  torthern hardove some questions.	Openland create diversity and ial Regen; Monitor s and conifers.  126  110 - Sugar Maple Association dwood stand to BA	hard massing, Artificing, Artificing, Property 9 of 70-80. I o increase	al Reger	81-110 all poor-¢	Harvest quality trees. Enh	Selection	Upland Forest  411 - Northern Hardwood by leaving underre	Current epresented sp	No
Press Spec Next Treat Acce Rege Othe Com Site ( Propo 47 Press Spec Next Treat	Plant  cription Interpose:  Step Monit truents:  cptable Uplaren:  r ment:  Condition:  osed Start Date of the plant of th	te: 10/01/20 torthern hardove some quantity	Openland create diversity and ial Regen; Monitor and conifers.  126  110 - Sugar Maple Association dwood stand to BA ality sawlog trees t	hard massing, Artificing, Artificing, Artificing, 9 of 70-80. I o increase intory)	al Reger 104 Remove moneta	81-110 all poor-ory value.	Harvest quality trees. Enh Designate for ha	Selection Selection sance biodiversity arvest all aspen, b	411 - Northern Hardwood by leaving underre eech, white ash, a	Current epresented sp	No Decies.
Press Spec Othe Prope 47 Press Spec Next Treat Acce Rege Othe Acce Rege Othe Other Spec Next Treat Acce Rege Othe Other Next Treat Acce Rege Othe Other Next Treat Acce Rege Other Next Treat Acce Rege Other Next Treat Acce	Plant cription Interpose: Step Monit Interpose I	te: 10/01/20 torthern hardove some quantity	Openland create diversity and cial Regen; Monitor cand conifers.  126  110 - Sugar Maple Association dwood stand to BA ality sawlog trees to al Regen (Re-Inverto fully stocked no	hard massing, Artificing, Artificing, Artificing, 9 of 70-80. I o increase intory)	al Reger 104 Remove moneta	81-110 all poor-ory value.	Harvest quality trees. Enh Designate for ha	Selection Selection sance biodiversity arvest all aspen, b	411 - Northern Hardwood by leaving underre eech, white ash, a	Current epresented sp	No

t: 45202 7: 2027 DNR

**Treatment** Stand Size Stand BA **Treatment Treatment Cover Type** Acres Age Habitat n Density Method Objective Name CoverType Age Range Type Structure Cut d 6139 - Mixed 56 45202056-Cut 5.4 81-110 Harvest Clearcut 413 - Aspen **Planting** Nο

Lowland Forest Record

Prescription Harvest all deciduous trees 2"DBH and larger regardless of merchantability. Harvest all coniferous trees 4" DBH and larger regardless of

<u>Specs:</u> merchantability. No harvesting of cedar to take place.

Next Step Monitoring, Natural Regen (Re-Inventory)

<u>Treatments:</u>

Acceptable natural, Moderate to fully stocked aspen stand with a minor component of red maple, balsam fir, and white spruce.

Regen:

Other Comment:

Site Condition:

Proposed Start Date: 10/01/2026

58 45202058-Cut 25.8 429 - Mixed Upland 9 68 51-80 Harvest Clearcut 411 - Northern Planting No Conifers Hardwood Record

<u>Prescription</u> Specs: Harvest all species to a minimum diameter of 2" except for cedar and hemlock. A retention area of approximately 1 acre or approximately 4% of 26.6 acres will be designated in the Northwest portion of the stand. Area between stands 46 and 1. Five red pine

Next Step Monitoring, Natural Regen (Re-Inventory)

**Treatments:** 

Acceptable natural, Moderate to fully stocked northern hardwood species: sugar maple, red maple, along with aspen, white birch, mixed coniferous

Regen: (balsam fir, white spruce etc.)

Other summer logging

Comment:

Site Condition:

Proposed Start Date: 10/01/2026

71 45202071-Cut 5.1 4130 - Aspen 6 64 111- Harvest Clearcut 413 - Aspen Planting No Record

<u>Prescription</u> Harvest all species to a minimum diameter of 2" except cedar. No retention area needed due to acreage of stand. Harvesting limited to <u>Specs:</u> December1-March31 for each calendar year as stand is located in a deer yard.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

<u>Acceptable</u> natural, Moderate to fully stocked aspen with a minor component of balsam fir.

Regen:

Other winter logging

Comment:

Site Condition:

Proposed Start Date: 10/01/2026

74 45202074-Cut 20.9 4112 - Maple, 9 114 81-110 Harvest Selection 411 - Northern Current No Beech, Cherry
Association

Prescription Thin stand to 60 basal area for northern hardwood species. Designate all ash, aspen, balsam fir and white spruce species for harvest. Do not

<u>Specs:</u> harvest any cedar, hemlock, or white pine. After all forest merchantable forest products are removed from each ste

Next Step Monitoring, Natural Regen (Re-Inventory)

**Treatments:** 

Acceptable natural, Moderate to fully stocked Northern hardwood red maple most dominant, along with aspen, balsam fir, and white spruce.

Regen:

Other Portion of access road which crosses the drainage at the West border of stand 73 needs to have rock placed there. Also slopes graded on

<u>Comment:</u> each approach. Winter logging

Site Condition:

Proposed Start Date: 10/01/2026

Sault Ste. Marie Mgt. Unit Report 3 -- Treatments Compartment: 45202 S Year of Entry: 2027 t а **Treatment** Acres Stand Size Stand BA **Treatment Treatment Cover Type** Age Habitat n Method Objective Structure Name CoverType Density Age Range Type Cut d 80 45202080-Cut 7.0 4134 - Aspen, 81-110 Harvest Clearcut 413 - Aspen **Planting** No Spruce/Fir Record Prescription Harvest all species 2" DBH and larger regardless of merchantability. No harvesting of cedar, hemlock, yellow birch, red oak, and white pine. Retention area will be 100 feet in width buffer zone along shoreline of Duel Lake using Lapine grade where approp Specs: Next Step Monitoring, Natural Regen (Re-Inventory) **Treatments:** Acceptable natural, Moderate to fully stocked aspen with a minor component of balsam fir. Regen: **Other** Comment:

**Approved Treatments:** 

Proposed Start Date: 10/01/2026

Site Condition:

14 45202014-Cut 4.0 4112 - Maple, 6 95 81-110 Harvest Selection 411 - Northern Current No Beech, Cherry

Prescription Select cut focusing on some of the largest diameter trees. Thin to target basal area of 70-90. Do not lower basal area in areas that do not

Specs: need it. Where there are healthy beech promote them. Also, promote yellow birch.

Association

Next Step Monitoring, Natural Regen (Intermediate)

Treatments:

Acceptable Any mix of Maple, Cherry, Yellow Birch, Paper Birch, Aspen, Beech, Spruce, Fir, Pine, Hemlock, or Cedar.

Regen:

Other Comment:

Site Condition:

Proposed Start Date: 10/01/2020

Total Treatment 525.2 Acreage Proposed:

# Report 4 - Site Conditions

Sault Ste. Marie Mgt. Unit Kevin Bryers: Examiner Compartment: 202 Year of Entry: 2027



# **Availability for Management**

	•	•								
Total	Acres	Acres Avail	Acres	D	omina	nt Site	e Con	dition	S	
Acres	Available	With Condition	Not Available		21	3A	3Н	3J	3K	5E
798	793	0	4	Aspen				1		3
47	43	0	4	Cedar		4				
72	72	0	0	Herbaceous Openland						
2	2	0	0	Low-Density Trees						
4	4	0	0	Lowland Aspen/Balsam Poplar						
123	0	0	123	Lowland Conifers		123				
26	8	0	18	Lowland Deciduous		18				
4	0	0	4	Lowland Mixed Forest				4		
28	0	0	28	Lowland Shrub		28				
25	25	0	0	Mixed Upland Deciduous						
1624	1480	136	8	Northern Hardwood	136				8	
100	100	0	0	Red Pine						
24	24	0	0	Sand, Soil						
85	42	0	44	Upland Conifers		14	22	8		
117	82	0	36	Upland Mixed Forest		36				
190	190	0	0	Upland Spruce/Fir						
8	8	0	0	Urban						
66	66	0	0	Water						
3,342	2,938	136	268	Total Forested Acres	136	222	22	13	8	3
	88%	4%	8%	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.

No. Cond Availability	<b>Dominant Site Condition</b>	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
Unavailable	3J: Water quality/BMPs (stream, river, or lake)	1	5E: Long-Term Retention	Unspecified	Unspecified	Unspecified
Comments:						

# **Report 4 – Site Conditions**

Sault Ste. Marie Mgt. Unit Kevin Bryers: Examiner



4 Unavail Comments:	lable 3J: Water quality/BMPs (stream, river, or lake)	3	Unspecified	Unspecified	Unspecified	Unspecified
3 Unavail  Comments: One hundred  4 Unavail  Comments: Too much ce  5 Unavail	lable 3J: Water quality/BMPs (stream, river, or lake)	4				
Comments: One hundred  Unavail  Comments: Too much ce	(stream, river, or lake)	4				
Comments: One hundred  Unavail  Comments: Too much ce	(stream, river, or lake)	4				
One hundred  Unavail  Comments: Too much ce			5E: Long-Term Retention	Unspecified	Unspecified	Unspecified
4 Unavail  Comments: Too much ce						
Comments: Too much ce	d foot buffer along shoreline of Duel La	ake will	act as retention area for harve	est.		
Too much ce	lable 3H: Deer Wintering Area - habitat is incompatible with harvest at this time	22	Unspecified	Unspecified	Unspecified	Unspecified
5 Unavail						
	edar to allow harvest operations.					
Comments:	lable 3J: Water quality/BMPs (stream, river, or lake)	8	Unspecified	Unspecified	Unspecified	Unspecified
Drainage foll	lows North boundary of stand.					
6 <b>Unavail</b>	lable 2G: Too wet (sensitive soils, does not include access issues)	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:	:					
7 <b>Availa</b>	ible 2l: Survey needed	56	Unspecified	Unspecified	Unspecified	Unspecified
Comments:						
8 Availa	able 2I: Survey needed	80	Unspecified	Unspecified	Unspecified	Unspecified
Comments:						

# **Report 4 – Site Conditions**

Sault Ste. Marie Mgt. Unit

**Kevin Bryers: Examiner** 



9	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
10	Unavailable	3K: Rare or unique landforms	8	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
11	Unavailable	3K: Rare or unique landforms	2	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
12	Unavailable	3K: Rare or unique landforms	2	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
53	Unavailable	3A: Conservation values incompatible with harvest at this time	223	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: WDS ERA and DH	A for pileated woodpecker, blac	kburnian	warbler, northern parula			

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	d Level 4 C	over Type		Size Der	sity	Acres	Stand Age E	BA Range	Managed Site	General Comments
1	4110 - Sugar M Canopy Species Beech Sugar Maple Red Maple	•	ciation Size Class	Sawtimbe DBH 8 12 12		358.7	104	81-110	N/A	Stand was thinned in '94 and then a beech salvage this past year. The regeneration from the '94 cut looks good. There is a good amount of ash, beech and maple. BA range is 60-100 (not an option above) due to the salvage work and areas where beech was more prevalent.  some areas ready for harvest others not due to previous salvage sales
3	42111 - Planted Dec	l Red Pine, iduous	Mixed	Sawtimbe	r Well	15.6	73	141-170	N/A	2-4 sticks in height. Trace amounts of white spruce and aspen 8-10 dbh.Limby.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height Size	
	Red Maple	10	Sapling	7		Sug	ar Maple	Medium	10 - 20 feet 10 - 20 fe	et
	Red Pine	80		12	73					
	Black Cherry	10	Seedling	7						
4	4319 - Mixed	d Upland Fo	orest	Poletimbe	r Well	4.9	60	111-140	N/A	Failed red pine plantation. The area was picked through in the past.
	Canopy Species	% Cover	Size Class	DBH	Age					The stand has some patches of good wood. Red pine is 3-4 sticks high of fair quality. Treat with stand 40 when that is ready or do
	Quaking Aspen	10	Sapling	7						something now to improve it.
	Black Cherry	5		8						
	Balsam Fir	10	Sapling	7						
	Beech	5	Sapling	7						
	White Spruce	20	Sapling	7						
	Sugar Maple	20	Sapling	7						
	Red Maple	10	Sapling	7						
	Red Pine	20		10	60					
6	3102	- Grass		Non	Э	9.5			No	Grass opening within red pine plantation.
7	122 - Roa	d/Parking L	ot	Non	9	8.0			No	Country Road ROW
8	42110 - Pla	nted Red P	ine	Sawtimbe	r Well	3.2	65	81-110	N/A	Small stand but planted earlier than stand 9 - keep separate. Thinned
	Canopy Species	% Cover	Size Class	DBH	Age					just before '97 but not as rows. 20-40 BA removed to open crowns up for growth
	Red Pine	100		12	65					Thinned as part of sale Overwatch Pine 45-114-17
9	42110 - Pla	nted Red P	ine	Sawtimbe	r Well	68.3	52	81-110	N/A	Edges have more diversity. Near the grass openings the trees are shorter with more branches.
	Canopy Species	% Cover	Size Class	DBH						Third row thin as part of Overwatch Pine 45-114-17
	Red Pine	100		10	52					·
10	6119 - Mixed Lowla	and Decidue	ous Forest S			8.2	104	81-110	N/A	Recently harvested under 451031031 timber sale. Some areas less BA than others because of the salvage of beech. raspberries, EAB,
	Canopy Species	% Cover	Size Class	DBH						broken tops in aspen.
	Sugar Maple	50		14	104					
	White Ash	25		10	50					
	Quaking Aspen	25		14						



Stand	Level 4 Co	over Type	;	Size De	nsity	Acres	Stand Age E	A Range	Managed Si	Gravel Pit.	
11	710 - S	and, Soil		Nor	ne	5.3			Yes		Gravel Pit.
12	42340 - Upla	and Spruce	/Fir Pol	letimbei	<sup>-</sup> Mediur	m 76.7	43	51-80	N/A		Stand follows the rock well. Trees are of fair/poor quality because of
(	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	this. Good diversity. Still open or grass areas visible.
	Red Maple	22	Log	4	43	Ва	lsam Fir	High	>20 feet	>20 feet	
(	Quaking Aspen	15	Seedling	6	43						
	Balsam Fir	30	Seedling	6	43						
	White Spruce	33	Seedling	8	43						
13	4112 - Maple, Beec	h, Cherry A	ssociation S	Sawtimb	er Well	89.6	104	81-110	N/A		Recently harvested under Daisy Bell Beech sale timber sale. Some
(	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	areas less BA than others because of the salvage of beech.
	Black Cherry	5	Seedling	9		Maj	ole (spp.)	Medium	5 - 10 feet	5 - 10 feet	
	Sugar Maple	55		12	104	E	Beech	Low	5 - 10 feet	5 - 10 feet	
	Red Maple	25		12	104	WI	hite Ash	Low	< 5 feet	< 5 feet	
	Yellow Birch	10		12							-
	Ironwood	5	Sapling	6							
14 '	4112 - Maple, Beec	h, Cherry A	ssociation P	oletimb	er Well	4.0	95	81-110	N/A		Treat with stand 92 in Compt 201 if possible. Notes indicate some
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	kind of treatment before '96. Sale not completed yet.
(	Canopy Species Yellow Birch	% Cover	Size Class	<b>DB</b> H	I Age		nopy Species ole (spp.)	<b>Density</b> Medium	Avg. Height 5 - 10 feet	Size 5 - 10 feet	wind of treatment before 36. Sale not completed yet.
(			Size Class		Age 95	Маг					wind of treatment before 36. Sale not completed yet.
(	Yellow Birch	10	Size Class	14		Маг	ole (spp.)	Medium	5 - 10 feet	5 - 10 feet	wind of treatment before 36. Sale not completed yet.
(	Yellow Birch Sugar Maple	10 40	Size Class Seedling	14		Маг	ole (spp.)	Medium	5 - 10 feet	5 - 10 feet	wind of treatment before 36. Sale not completed yet.
(	Yellow Birch Sugar Maple Red Maple Bigtooth Aspen	10 40 40		14 10 9	95	Маг	ole (spp.)	Medium	5 - 10 feet	5 - 10 feet	Ponds and marshes
E	Yellow Birch Sugar Maple Red Maple Bigtooth Aspen	10 40 40 10 Water	Seedling	14 10 9 8	95 ne	Ma <sub>l</sub>	ole (spp.)	Medium	5 - 10 feet 5 - 10 feet	5 - 10 feet	Ponds and marshes  Fair to poor quality, rocky ground. More conifer to the north and areas
15 16	Yellow Birch Sugar Maple Red Maple Bigtooth Aspen 500 -	10 40 40 10 Water	Seedling	14 10 9 8 Nor	95 ne	Мај Е 11.3	ole (spp.) Beech	Medium Low	5 - 10 feet 5 - 10 feet No	5 - 10 feet	Ponds and marshes  Fair to poor quality, rocky ground. More conifer to the north and areas of seasonal wet ground. If treatment occurs it should be done in that
15 16	Yellow Birch Sugar Maple Red Maple Bigtooth Aspen  500 -	10 40 40 10 Water	Seedling Siation S	14 10 9 8 Nor	95 ne	Мај Е 11.3	ole (spp.) Beech	Medium Low	5 - 10 feet 5 - 10 feet No	5 - 10 feet	Ponds and marshes  Fair to poor quality, rocky ground. More conifer to the north and areas
15 16	Yellow Birch Sugar Maple Red Maple Bigtooth Aspen  500 -  4110 - Sugar M  Canopy Species	10 40 40 10 Water	Seedling Siation S	14 10 9 8 Nor	95 er Well	Мај Е 11.3	ole (spp.) Beech	Medium Low	5 - 10 feet 5 - 10 feet No	5 - 10 feet	Ponds and marshes  Fair to poor quality, rocky ground. More conifer to the north and areas of seasonal wet ground. If treatment occurs it should be done in that
15 16	Yellow Birch Sugar Maple Red Maple Bigtooth Aspen  500 -  4110 - Sugar M  Canopy Species Sugar Maple	10 40 40 10 Water  Maple Assoc Cover 70	Seedling Siation S Size Class	14 10 9 8 Nor DBH	95 er Well	Мај Е 11.3	ole (spp.) Beech	Medium Low	5 - 10 feet 5 - 10 feet No	5 - 10 feet	Ponds and marshes  Fair to poor quality, rocky ground. More conifer to the north and areas of seasonal wet ground. If treatment occurs it should be done in that
15 16	Yellow Birch Sugar Maple Red Maple Bigtooth Aspen  500 -  4110 - Sugar M  Canopy Species Sugar Maple White Ash	10 40 40 10 Water Maple Associated 70 10	Seedling  ciation S  Size Class  Seedling	14 10 9 8 Nor Sawtimb DBH 12 8	95 er Well	Мај Е 11.3	ole (spp.) Beech	Medium Low	5 - 10 feet 5 - 10 feet No	5 - 10 feet	Ponds and marshes  Fair to poor quality, rocky ground. More conifer to the north and areas of seasonal wet ground. If treatment occurs it should be done in that
15 16	Yellow Birch Sugar Maple Red Maple Bigtooth Aspen  500 -  4110 - Sugar M  Canopy Species Sugar Maple White Ash Black Cherry	10 40 40 10 Water  **Maple Associate	Seedling  Size Class  Seedling Seedling Sapling	14 10 9 8 Nor Sawtimb DBH 12 8 8	95 er Well Age 89	Мај Е 11.3	ole (spp.) Beech	Medium Low	5 - 10 feet 5 - 10 feet No	5 - 10 feet	Ponds and marshes  Fair to poor quality, rocky ground. More conifer to the north and areas of seasonal wet ground. If treatment occurs it should be done in that area in winter or dry conditions.  Thinned in '87 and '92. 5-6 sticks tall. Crowns touching. Small stand
15 16	Yellow Birch Sugar Maple Red Maple Bigtooth Aspen  500 -  4110 - Sugar M  Canopy Species Sugar Maple White Ash Black Cherry Beech	10   40   40   10   Water   To   10   10   10   10   10   10   10   1	Seedling  Size Class  Seedling Seedling Sapling	14 10 9 8 Nor Sawtimb 12 8 8 6 Sawtimb	95 er Well Age 89	11.3 40.9	ole (spp.) Beech	Medium Low 81-110	5 - 10 feet 5 - 10 feet No	5 - 10 feet	Ponds and marshes  Fair to poor quality, rocky ground. More conifer to the north and areas of seasonal wet ground. If treatment occurs it should be done in that area in winter or dry conditions.  Thinned in '87 and '92. 5-6 sticks tall. Crowns touching. Small stand but with past treatments would like to keep separated. Thinned as
15 16	Yellow Birch Sugar Maple Red Maple Bigtooth Aspen  500 -  4110 - Sugar M  Canopy Species Sugar Maple White Ash Black Cherry Beech  42110 - Plan	10   40   40   10   Water   To   10   10   10   10   10   10   10   1	Seedling  Ciation S  Size Class  Seedling  Seedling  Sapling  ine S	14 10 9 8 Nor Sawtimb 12 8 8 6 Sawtimb	95 er Well	11.3 40.9	ole (spp.) Beech	Medium Low 81-110	5 - 10 feet 5 - 10 feet No	5 - 10 feet	Ponds and marshes  Fair to poor quality, rocky ground. More conifer to the north and areas of seasonal wet ground. If treatment occurs it should be done in that area in winter or dry conditions.  Thinned in '87 and '92. 5-6 sticks tall. Crowns touching. Small stand
15 16	Yellow Birch Sugar Maple Red Maple Bigtooth Aspen  500 -  4110 - Sugar M  Canopy Species Sugar Maple White Ash Black Cherry Beech  42110 - Plan  Canopy Species	10   40   40   10   Water   To   10   10   10   10   10   10   10   1	Seedling Size Class Seedling Seedling Sapling ine Size Class	14 10 9 8 Nor Bawtimb 12 8 8 6 Bawtimb	95 er Well Age 74	11.3 40.9	ole (spp.) Beech	Medium Low 81-110	5 - 10 feet 5 - 10 feet No	5 - 10 feet	Ponds and marshes  Fair to poor quality, rocky ground. More conifer to the north and areas of seasonal wet ground. If treatment occurs it should be done in that area in winter or dry conditions.  Thinned in '87 and '92. 5-6 sticks tall. Crowns touching. Small stand but with past treatments would like to keep separated. Thinned as part of sale Overwatch Pine 45-114-17. Healthy stand.  Red pine is 4-5 sticks in height closed canopy in most places. Ash
15 16 17	Yellow Birch Sugar Maple Red Maple Bigtooth Aspen  500 -  4110 - Sugar M Canopy Species Sugar Maple White Ash Black Cherry Beech  42110 - Plan Canopy Species Red Pine	10	Seedling Size Class Seedling Seedling Sapling ine Size Class	14	95 er Well Age 74	11.3 40.9	spech 89 74	Medium   Low   81-110	5 - 10 feet 5 - 10 feet No N/A	5 - 10 feet	Ponds and marshes  Fair to poor quality, rocky ground. More conifer to the north and areas of seasonal wet ground. If treatment occurs it should be done in that area in winter or dry conditions.  Thinned in '87 and '92. 5-6 sticks tall. Crowns touching. Small stand but with past treatments would like to keep separated. Thinned as part of sale Overwatch Pine 45-114-17. Healthy stand.  Red pine is 4-5 sticks in height closed canopy in most places. Ash and juneberries under the canopy. Open areas have small white
15 16 17	Yellow Birch Sugar Maple Red Maple Bigtooth Aspen  500 -  4110 - Sugar M  Canopy Species Sugar Maple White Ash Black Cherry Beech  42110 - Plan  Canopy Species Red Pine	10	Seedling Size Class Seedling Seedling Sapling Size Class Size Class	14	er Well Age 89 er Well Age 74 er Well	11.3 40.9	spech 89 74	Medium   Low   81-110	5 - 10 feet 5 - 10 feet No N/A	5 - 10 feet	Ponds and marshes  Fair to poor quality, rocky ground. More conifer to the north and areas of seasonal wet ground. If treatment occurs it should be done in that area in winter or dry conditions.  Thinned in '87 and '92. 5-6 sticks tall. Crowns touching. Small stand but with past treatments would like to keep separated. Thinned as part of sale Overwatch Pine 45-114-17. Healthy stand.  Red pine is 4-5 sticks in height closed canopy in most places. Ash



Stand	Level 4 C	vel 4 Cover Type Size Density Acres Stand Age BA Range Managed Site  360 - Upland Cedar Sawtimber Poor 38.9 85 1-50 N/A		Site	General Comments						
19	42360 - U	pland Ceda	er Size Class DBH Age Sub-Canopy Species Density Avg. Height		A	Poor to fair quality, Aspen falling out. Thinned some time in the early					
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	'90's. Harvested in spring of 2019 as part of the Deadzone Mix (45- 113-17) timber sale good aspen regeneration after harvest.Cedar
	Sugar Maple	5		16	85	Quak	ing Aspen	High	10 - 20 feet	10 - 20 feet	islands left along with scattered sugar maple.
	White Spruce	5		16	85	Ва	lsam Fir	Low	10 - 20 feet	10 - 20 feet	
No	rthern White Cedar	90		14	85						•
20	42110 - Pla	nted Red P	ine	Poletimbe	r Well	3.8	61	141-170	N/A	4	3-4 sticks tall. Kind of open grown, some areas better than others.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Doubles, crooks & suppressed
	Balsam Fir	5	Seedling	7	11	Ва	lsam Fir	Medium	< 5 feet	< 5 feet	
	Red Pine	90		10	61						
	Black Cherry	5	Seedling	8	11						
21	6120 - Lo	wland Ceda	ar	Poletimbe	r Well	4.0	104	51-80	N/A	4	Carry over of stand 60 from compartment 203.
	Canopy Species	% Cover	Size Class	DBH	Age						
No	rthern White Cedar	50		10	104						
	Balsam Fir	15	Sapling	7							
	White Pine	10		14							
	Red Maple	10	Seedling	8							
	Paper Birch	15	Seedling	8							
22	4110 - Sugar M	laple Assoc	ciation	Sawtimbe	r Well	156.6	109	81-110	N/A	4	Thinned in '94 and recently salvaged the beech (previous inventory
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	was in 2015 second age based on this information) BA on the low end 70-90. Striped maple in the understory. Duel City Hardwood sale
	White Ash	10		10		Sug	ar Maple	Medium	5 - 10 feet	5 - 10 feet	closed 9/26/13. Beech scale in beech regeneration. Ash borer in any
	Sugar Maple	70		12	109	E	Beech	Medium	< 5 feet	< 5 feet	ash left from harvest
	Beech	10		12				,			•
	Black Cherry	10		14							
23	4112 - Maple, Beec	h, Cherry A	ssociation	Sawtimbe	r Well	83.9	96	81-110	N/A	4	Ash is dying or very stressed. Fair quality. Part of the Deadzone
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Mix (45-113-17) timber sale, but was never harvested. units 3-6.of the sale
	Basswood	5		12		Gr	een Ash	Low	>20 feet	>20 feet	
	Yellow Birch	5		12		Map	ole (spp.)	Medium	>20 feet	>20 feet	
	Beech	5		10				'		1	
No	rthern White Cedar	5		10							
	Sugar Maple	40		12	96						
	Red Maple	35		12	31						
	Green Ash	5		11							



Stand	Level 4 C	Level 4 Cover Type			Size Density		Acres Stand Age BA Range		Managed Si	ite	General Comments
24	4112 - Maple, Beec					55.9	104	81-110	N/A		Part of old stand 13 that was not recently treated. Thinned heavily in the 80's? Good regeneration established. BA is on the low end of
	Canopy Species		Size Class		l Age		nopy Species		Avg. Height	Size	50.1/3/25 BA avg. of 90
	Quaking Aspen Beech	5	Seedling	8		IVIa	ple (spp.)	High	>20 feet	>20 feet	
					101						
	Sugar Maple	75		12	104						
	Red Maple	10	0	10							
	Paper Birch	5	Seedling	9							
25	4135 - As	pen, Cedar	•	Sawtimb	er Well	10.6	46	81-110	N/A		Couple ponds in the stand. Poor quality, rocky ground.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Black Ash	5	Sapling	6		Asp	en (spp.)	Medium	10 - 20 feet	10 - 20 feet	
	Paper Birch	10		10		Ва	llsam Fir	Medium	10 - 20 feet	10 - 20 feet	
	Quaking Aspen	45		12	46						
	White Pine	5		16							
	White Spruce	15		14							
No	rthern White Cedar	20		10	95						
26	4110 - Sugar M	Maple Association		Sawtimber Well		27.0	81	81-110	N/A		BA is patchy, some areas are up to 110 but as low as 30. Not sure if
	Canopy Species % Sugar Maple	% Cover Size Class		Class DBH Age		Sub-Ca	nopy Species	Density	Avg. Height Variable	Size	aspen areas were picked through at one point.Harvested in spring of 2019 as part of the Deadzone Mix (45-113-17) timber sale.good
						W	hite Ash	Medium		Variable	ash regeneration from sale
27	4319 - Mixed	Upland Fo	rest	Sawtimb	er Well	90.9	114	81-110	N/A		Stand follows creek bottom or topography. It's a good buffer around
	Canopy Species	% Cover	Size Class	DBH	l Age						the lake and some rugged ground. There is a small area of hardwood in the NE corner, eventually it could be thinned.
	White Pine	10		18							,
	Black Ash	5	Sapling	7							
	Quaking Aspen	20		10							
	White Spruce	10		12							
	Black Spruce	5		10							
No	rthern White Cedar	20		14	114						
	Sugar Maple	20		10							
	Red Maple	10		10							
28	6229 - Mixed	Lowland SI	nrub	No	ne	6.6			No		marshes, some water, dead ash
	4110 - Sugar M	laple Assoc	ciation	Sawtimb	er Well	42.2	100	81-110	N/A		Very rocky ground. Consider harvesting next YOE. Ash still healthy,
29	. 3										$_{ extstyle  e$
29	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
29		% Cover	Size Class Seedling		I Age		ple (spp.)	<b>Density</b> Medium	Avg. Height >20 feet	>20 feet	
29	Canopy Species				I Age	Ма					
29	Canopy Species White Ash	10		8	100	Ма	ple (spp.)	Medium	>20 feet	>20 feet	
29	Canopy Species White Ash Beech	10 5		8 16 14		Ма	ple (spp.)	Medium	>20 feet	>20 feet	



Stand	Level 4 Cover Type			Size Density	Acres	Stand Age	BA Range	Managed Si	ite	General Comments	
30	6111 - Lowland	d Balsam P	oplar	Sawtimber Well	3.7	55	81-110	N/A		Old grass opening filing in,	
	Canopy Species	% Cover	Size Class	DBH Age							
	Balsam Poplar	95		14 55							
	Black Cherry	5	Seedling	6							
31	4112 - Maple, Beecl	h, Cherry A	ssociation	Sawtimber Well	62.8	100	81-110	N/A		Very rocky. Striped maple in the understory. Thin in 15-20 years.	
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size		
	Yellow Birch	10		10	Ir	onwood	Low	>20 feet	>20 feet		
	Beech	5		10 100	Su	gar Maple	Medium	10 - 20 feet	10 - 20 feet		
	Sugar Maple	75		12 100		Beech	Medium	5 - 10 feet	5 - 10 feet		
	Red Maple	10		12 100				<u> </u>		-	
32	6128 - Lowland ( Deci	Coniferous, duous	Mixed	Sawtimber Well	24.5	104	51-80	N/A		Stand is a carry over from stand 63, cmpt 203. Ridges and lows, healthy trees are on the ridges.	
	Canopy Species	% Cover	Size Class	DBH Age							
	Black Ash	5	Sapling	7							
	Red Maple	10	Seedling	8							
	Balsam Fir	10	Sapling	7							
	Quaking Aspen	25	Seedling	8							
	White Pine	10		14							
No	rthern White Cedar	10		10							
	Hemlock	30		12 104							
33	310 - Herbace	eous Open	and	None	4.9			Yes		maintain opening	
34	4112 - Maple, Beecl	h, Cherry A	ssociation	Sawtimber Well	442.0	95	81-110	N/A		Stand was thinned/salvaged between 2019 and 2020 in Richardson	
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Rd HW 45-101-17.Good quality, beech salvage. Canopy needs to be opened up to get regeneration into the understory. There is more	
	Yellow Birch	5		16 95		Beech	Medium	5 - 10 feet	5 - 10 feet	conifer (sm) in the understory and less ash than that of stand	
	Ironwood	5	Sapling	6 31						33. There is also ironwood, yellow birch, mt. ash and aspen in the	
	Black Cherry	5		10						stand. Stand was hygraded in the early 90's. Where the canopy is open there is good regeneration present. Rolling terrain and rocky in	
	Beech	5		12 95						some places. There are pockets of cedar in the "low" ground areas.	
	Sugar Maple	70		12 95						Quality is fair to poor and should be treated in the winter or during dry	
	Red Maple	5		9 31						conditions.	
	Paper Birch	5		10							
35	4319 - Mixed	Upland Fo	rest	Poletimber Well	12.9	73	51-80	N/A			
	Canopy Species		Size Class								
	Red Maple	10		10							
	Quaking Aspen	45		10 73							
	Balsam Fir	20	Seedling	8							
	White Spruce	25		10							



Stand	Level 4 Cover Type			Size Density		Acres	Stand Age	BA Range	Managed Site		General Comments	
36	4319 - Mixed	l Upland Fo	rest	Poletimb	er Well	44.1	60	111-140	N/A		Failed red pine plantation. The area was picked through in the past.	
	Canopy Species	% Cover	Size Class	DBH	Age						The stand has some patches of good wood. Red pine is 3-4 sticks high of fair quality. Treat with stand 40 when that is ready or do	
	Red Pine	20		10	60						something now to improve it.	
	Black Cherry	5		8								
	Quaking Aspen	10	Sapling	7								
	Balsam Fir	10	Sapling	7								
	Sugar Maple	20	Sapling	7								
	Red Maple	10	Sapling	7								
	Beech	5	Sapling	7								
	White Spruce	20	Sapling	7								
38	4110 - Sugar M	/laple Assoc	ciation	Sawtimb	er Well	40.9	83	81-110	N/A	1	beech has scale	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size		
	Beech	10		8	83	E	Beech	Medium	10 - 20 feet	10 - 20 feet		
	Sugar Maple	90		12	83			1				
39	310 - Herbac	eous Open	land	Nor	ne	57.6			No			
40	4130	- Aspen		Poletimb	er Well	10.1	52	51-80	N/A		Stand has good diversity in it. The further south the larger the dbh.	
	·		Size Class	e Class DBH Age		Sub-Ca	nopy Species	Density	Avg. Height	Size	There are scattered large maple and aspen that were left when treated.	
	Black Cherry	5	Sapling	6			ole (spp.)	Medium	>20 feet	>20 feet	ueateu.	
	Sugar Maple	5		10							1	
	Red Maple	5	Sapling	5								
	Bigtooth Aspen	35	Seedling	8								
	Balsam Fir	10	Log	4								
	Quaking Aspen	35	Seedling	8	52							
	Ironwood	5	Log	3								
41	4130	- Aspen		Sapling I	/ledium	23.6	5	Immature	N/A	1		
	Canopy Species	% Cover	Size Class	DBH	Age						Cut as part of Richardson Road Hardwood 45-101-17.	
	Quaking Aspen	100	Log	1	5							
42	4130	- Aspen		Poletimb	er Well	224.3	39	81-110	N/A		All roads were bermed getting into the stand. Went in a bit from the	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	edges where other roads and stands were near it. Spp appear healthy.	
	Balsam Fir	5	Log	2		Ва	lsam Fir	Medium	10 - 20 feet	10 - 20 feet		
	White Spruce	5	Log	2							-	
	Black Spruce	5	Log	2								
	Quaking Aspen	35	Sapling	5	39							
	Ironwood	5	Log	2								
	Red Maple	5	Sapling	5	39							
	Paper Birch	5	Log	2								
	Bigtooth Aspen	35	Sapling	5	39							

Sault Ste. Marie Mgt. Unit



Stand	d Level 4 C	Level 4 Cover Type			Size Density		Stand Age B	and Age BA Range		Site	General Comments
43	4319 - Mixed	l Upland Fo	orest	Sawtimb	er Well	19.8	109	51-80	N/A	4	Some areas of open slowly filling in, lower ground present and has more of the understory spp present. Poor quality wood but a good lake
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	buffer. Canopy on the low end of percentage.
	White Pine	35		12	109	Wh	nite Ash	Low	>20 feet	>20 feet	, ,
	Red Pine	5		10		Strip	ed Maple	Low	10 - 20 feet	10 - 20 feet	
	Quaking Aspen	10	Seedling			Bal	sam Fir	Low	5 - 10 feet	5 - 10 feet	
	Hemlock	15		12		Re	d Maple	Medium	10 - 20 feet	10 - 20 feet	
	Red Maple	15		8		Sug	ar Maple	Low	5 - 10 feet	5 - 10 feet	
	Paper Birch	20	Seedling	8							
44	42340 - Upla	and Spruce	/Fir	Poletimbe	er Poor	18.2	25	1-50	N/A	4	The fir, maple and spruce are mainly the retention from the
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	harvest.cut 2011 jmk golabki mix
	White Spruce	50	Sapling	5	25		sam Fir	Medium	10 - 20 feet	10 - 20 feet	
	Balsam Fir	50	Sapling	5	25	Whit	e Spruce	Medium	10 - 20 feet	10 - 20 feet	
						Asp	en (spp.)	Medium	10 - 20 feet	10 - 20 feet	
45	4134 - Aspe			Sapling N		85.8	47	51-80	N/A	4	Cut at the same time as stand 42; doing a bit better because of sligh elevation change and maybe not so much rock and water.
	Canopy Species	% Cover	Size Class	DBH	Age						olovation onlings and maybe not so made rook and water.
	Sugar Maple	30	Sapling	5	47						
	Balsam Fir	30	Sapling	5	47						
	Quaking Aspen	40	Sapling	5	47						
46	4134 - Aspe	en, Spruce/	/Fir	Sapling	Well	73.7	38	81-110	N/A	4	Coming into merchantable size.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
	Quaking Aspen	80	Pole	4	38	Bal	sam Fir	Medium	10 - 20 feet	10 - 20 feet	
	Balsam Fir	10	Pole	4							
	White Spruce	10	Sapling	5							
47	4110 - Sugar M	laple Asso	ciation	Sawtimb	er Well	103.4	104	81-110	N/A	4	Recently thinned to remove beech, regeneration is very short.(2015
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	notes)
	Black Cherry	5		12		Е	Beech	Medium	5 - 10 feet	5 - 10 feet	
	Sugar Maple	80		14	104	Sug	ar Maple	Medium	5 - 10 feet	5 - 10 feet	
	Red Maple	15		10							-
48	4130	- Aspen		Sapling	Well	86.1	21	1-50	N/A	4	Good mix of spp. regeneration is about 10' tall. Looks good. excellen regeneration let it grow
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	regeneration let it grow
	Red Maple	10	Log	2	21	Bal	sam Fir	Medium	5 - 10 feet	5 - 10 feet	
	Bigtooth Aspen	90	Log	2	21						
49		- Aspen		Sapling		58.3	13	1-50	N/A	4	Nice regeneration about 20' tall. cut 2011 jmk golabki mix
	Canopy Species		Size Class		Age						
	Quaking Aspen	90	Log	2	13						
	Balsam Fir	10	Log	2	13						



Stand	Level 4 C	over Type		Size De	nsity	Acres	Stand Age	BA Range	Managed Site	General Comments
50	4110 - Sugar N	/laple Assoc	ciation	Sawtimb	er Well	7.1	81	81-110	N/A	healthy stand small acreage
	Canopy Species	% Cover	Size Class	DBH	Age					
	Sugar Maple	80		14	81					
	Red Maple	10		10	81					
	White Ash	10		10	81					
51	4130	- Aspen		Sapling	Well	17.0	4	Immature	N/A	
	Canopy Species	% Cover	Size Class	DBH	Age					Cut as part of Richardson Road Hardwood 45-101-17. Excellent aspen regeneration.
	Quaking Aspen	100	Log	1	4					aspen regeneration.
52	330 - Low-l	Density Tre	es	Nor	ie	1.8			No	has some cedar trees starting to grow in appears to be portion of borrow pit located in stand 70
53	42320 - U <sub>l</sub>	oland Sprud	е	Sawtimb	er Poor	4.5	50	51-80	N/A	Grass area filling in with conifer and other spp
	Canopy Species	% Cover	Size Class	DBH	Age					
	Quaking Aspen	5		10	40					
	White Spruce	85		16	50					
	White Pine	10		12	50					
54	730 - N	Mud Flats		Nor	ne	11.7			No	Edge of Mud Lake
55	4191 - Mixed Upla	and Deciduo	ous with	Sawtimb	er Well	18.1	104	51-80	N/A	Could salvage but low BA. Similar to stand 67 only with more conifer. Red pine planted. Gravel Pit and camping site in the stand.
	Canopy Species	% Cover	Size Class	DBH	Age					
	White Ash	5	Seedling	8						
	Beech	10		8						
	White Spruce	10	Seedling	8						
	Black Cherry	5	Seedling	8						
	Balsam Fir	10	Sapling	7						
	Quaking Aspen	10	Seedling	9						
	Red Pine	10	Seedling	8						
	Sugar Maple	25	Seedling	9	104					
	Red Maple	10	Seedling	8						
	Paper Birch	5	Seedling	8						



Stand	nd Level 4 C	Cover Type		Size Density		Acres	Stand Age I	BA Range	Managed Site		General Comments	MICHIGAN
56	6139 - Mixed	Lowland Fo	orest	Poletim	er Well	9.0	114	81-110	N/A		Aspen, birch, fir and maple falling out of the stand.	
	Canopy Species	% Cover	Size Class	DBI	l Age							
(	Quaking Aspen	20		10								
	Red Maple	20	Seedling	9								
	Paper Birch	5	Seedling	8								
	Balsam Fir	10		8								
	Tamarack	5		10								
	Black Spruce	30		10	114							
Nor	hern White Cedar	10		10								
57	4199 - Other Mixed	d Upland D	eciduous	Poletim	er Well	7.2	104	51-80	N/A	1	Stand starting to fall apart.	
	Canopy Species	% Cover	Size Class	DBI	l Age							
	Balsam Fir	5	Sapling	7								
	White Ash	5	Sapling	5								
	Black Cherry	5	Seedling	8								
	Sugar Maple	30	Seedling	8								
	Paper Birch	40		10	104							
	Beech	5	Seedling	8								
	White Spruce	10		8								
58	429 - Mixed U	Jpland Con	ifers	Sawtimb	er Well	26.6	68	51-80	N/A	1	Failed plantation? Not sure on the age. Pine is of poor quality of	other
	Canopy Species	% Cover	Size Class	DBI	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	spp should be removed except for the occasional cedar. Leave pine along the road?	red
	White Spruce	20		14			ed Maple	Low	10 - 20 feet	10 - 20 feet	prine along the road:	
	Balsam Fir	10	Seedling	8			n Cherry	Low	10 - 20 feet	10 - 20 feet		
	Red Pine	30		10	68		ılsam Fir	High	10 - 20 feet	10 - 20 feet		
	Sugar Maple	20		10								
	Red Maple	20		10								
59	4130 -	- Aspen		Saplin	g Well	96.6	25	51-80	N/A	\	Recent cutting. Probably other spp present.	
	Canopy Species	% Cover	Size Class	DBI	l Age							
	Quaking Aspen	90	Log	3	25							
	Balsam Fir	5	Log	2	25							
Nor	thern White Cedar	5	Seedling	8								
60	500 -	Water		No	ne	23.6			No		Stone Lake	



Stand	Level 4 Co	over Type		Size De	nsity	Acres	Stand Age	BA Range	Managed Si	te	General Comments
62	4119 - Mixed No	rthern Hard	dwoods	Poletimb	er Well	14.2	109	81-110	N/A		Rocky ground. Would be good to salvage the beech and ash in the
(	Canopy Species	% Cover	Size Class	DBH	Age						stand. A final harvest would help to regenerate the spp in the stand. Winter harvest due to low areas.
	White Ash	20	Seedling	8							
	Yellow Birch	10		10							
	Balsam Fir	10	Sapling	7							
	thern White Cedar	10		12							
	Sugar Maple	10		10							
	Red Maple	30		12	109						
	Paper Birch	10	Seedling	9							
63	42340 - Upla	nd Spruce	/Fir	Poletimb	er Well	36.1	37	51-80	N/A		
	Canopy Species	% Cover	Size Class	DBH	Age						
	Quaking Aspen	20	Sapling	5	37						
	White Spruce	40	Sapling	5	37						
	Balsam Fir	40	Sapling	5	37						
64	4136 - Aspen	, Mixed Co	nifer	Sapling	Well	71.2	16	1-50	N/A		Harvested in '08, looks good.
	Canopy Species	% Cover	Size Class		Age						
	White Pine	5		10							
	Balsam Fir	5	Log	1							
(	Quaking Aspen	10	Log	1							
	Pin Cherry	5	Log	1							
	White Spruce	5	Log	4							
Nort	thern White Cedar	5		10							
	Red Maple	5	Log	1							
E	Bigtooth Aspen	60	Log	1	16						
65	6118 - Lowland De	ciduous w	ith Cedar S	Sawtimbe	Mediur	m 23.2	114	51-80	N/A		High and lows filled with water, poor quality. There is a little bit of   ¬ stand 60 from Cmpt 201 on the east side of the stand.
(	Canopy Species	% Cover	Size Class		Age	Sub-Ca	nopy Specie	s Density	Avg. Height	Size	stand 60 from Chipt 201 on the east side of the stand.
	White Pine	5		14		Wi	llow spp.	Low	Variable	Variable	
	Black Ash	5	Sapling	5							
	Tamarack	5		10							
(	Quaking Aspen	40	Seedling	9	114						
Nort	thern White Cedar	25		10	114						
	Red Maple	10	Seedling	8							
	Paper Birch	10	Seedling	8							



Stand	Level 4 C	Level 4 Cover Type			Size Density		Stand Age B	SA Range	Managed S	ite	General Comments
66	4112 - Maple, Beec	h, Cherry A	ssociation	Sawtimb	er Well	19.9	114	81-110	N/A		Heavy cut the last time- good regeneration. Two-aged?
	Canopy Species	% Cover	Size Class	DBI	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Beech	25		9		Ma	ple (spp.)	High	>20 feet	>20 feet	
	Sugar Maple	45		10	114						
	Red Maple	20		10							
	Quaking Aspen	5	Seedling	8							
	Ironwood	5	Sapling	6							
67	4119 - Mixed No	orthern Hard	lwoods	Sawtimb	er Well	41.6	104	81-110	N/A		3-5 stick trees and rocky ground making for a low SI. Would be good
	Canopy Species	% Cover	Size Class	DBI	l Age						to salvage the beech and ash in the stand.
	White Ash	20		9							
	Beech	10		10							
	Yellow Birch	5		12							
	Ironwood	5	Sapling	6							
	Sugar Maple	50		10	104						
	Red Maple	10		10							
68	429 - Mixed l	Jpland Con	ifers	Sawtimb	er Well	15.1	69	51-80	N/A		Pine is older than other spp. There is an undersized culvert for the
	Canopy Species	% Cover	Size Class	DBI	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	rceek out of Mud lake.
	Balsam Fir	10	Sapling	5		Ва	ılsam Fir	Medium	5 - 10 feet	5 - 10 feet	
	White Spruce	30	Seedling	6	69	Re	ed Maple	Low	5 - 10 feet	5 - 10 feet	
	White Pine	30		12	69	Norther	n White Cedar	Trace	>20 feet	>20 feet	
	Red Maple	20	Sapling	5							-
	Paper Birch	10	Seedling	8							
69	4110 - Sugar N	laple Assoc	ciation	Sawtimb	er Well	13.3	114	51-80	N/A		Recently thinned with adjacent stands- average BA 70. Regeneration starting to come in. There are trace amounts of other spp in the over
	Canopy Species	% Cover	Size Class	DBI	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	starting to come in. There are trace amounts of other spp in the over
	Ironwood	10	Sapling	7		Ma	ple (spp.)	Low	10 - 20 feet	10 - 20 feet	
	Sugar Maple	80		12	114						
	Red Maple	10		10							
70	42360 - U	pland Ceda	r P	Poletimbe	r Mediun	n 4.1	65	1-50	N/A		appears to be old barrow pit. cedar trees filling in. not as open as
	Canopy Species	% Cover	Size Class	DBI	l Age						stand 52
No	rthern White Cedar	100	Pole	4	65						
71					147 11	5.1	64	111-140	N/A		Treat next rotation
	4130	- Aspen		Poletim	er Well	J. I	• .				
	4130 Canopy Species		Size Class	b DBI	er Well	5.1	•				
	Canopy Species Quaking Aspen		Size Class Seedling	b DBI		5.1					
	Canopy Species	% Cover		b DBI		3.1	ů.				
	Canopy Species Quaking Aspen	% Cover	Seedling	<b>DB</b> I		3.1	ů.				
	Canopy Species Quaking Aspen Balsam Fir	<b>% Cover</b> 5 5	Seedling	8 B 1	l Age	3.1	ŭ,				



Stand	Level 4 C	over Type		Size De	Size Density A		Stand Age E	BA Range	Range Managed Site		General Comments
72	6229 - Mixed	Lowland S	hrub	Nor	ne	7.4			No		Stand is part of the low type in cmpt 203 stand 73
73	42390 - Mixed Non-	-Pine Uplan	nd Conifers	Sawtimb	er Well	43.6	114	51-80	N/A		cedar with balsam understory. There is high ridge east of the road. A
	Canopy Species	% Cover	Size Class	DBH	l Age						drainage originates in stand 60 flows South , crosses the road and continues East thru this stand.
	White Pine	10		14							CONTINUES CASE WHO WHO STAND.
	White Spruce	25		10							
No	rthern White Cedar	40		12	114						
	Paper Birch	10		10							
	Bigtooth Aspen	15		12							
74	4112 - Maple, Beed	h, Cherry A	Association	Sawtimb	er Well	20.9	114	81-110	N/A		
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	This stand composed of large soft maple (pulpwood quality). Dead balsam along edges of access road. Appears to be the result of
	Balsam Fir	5	Sapling	7		Ва	lsam Fir	Low	10 - 20 feet	10 - 20 feet	budworm.
	Beech	5	Seedling	8		Maj	ole (spp.)	Medium	10 - 20 feet	10 - 20 feet	
	Ironwood	5	Sapling	6					'		1
	Sugar Maple	70		14	114						
	Red Maple	15		18	114						
No	Canopy Species Balsam Fir Quaking Aspen orthern White Cedar	10 10 20	Size Class Sapling Seedling Seedling	7 8 8	Age						poor quality. The bigger trees are on the "ridges" and the cedar are or the lower ground. There are some pockets of hemlock that are near the east edge of the connecting compartment. There are also areas o low ground with no trees just brush.
	White Pine	30		12	104						
	Red Maple	20	Sapling	7	104						
76	4110 - Sugar N	/laple Assoc	ciation	Sawtimb	er Well	25.1	75	81-110	N/A		some beech scale balsam understory
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Beech	10	Seedling	8	75	Sug	jar Maple	Medium	10 - 20 feet	10 - 20 feet	
	Sugar Maple	80		10	75	Ва	lsam Fir	Medium	>20 feet	>20 feet	
	Red Maple	10		10	75						•
77	730 - N	Mud Flats		Nor	ne	7.4			No		Edge around Stone Lake
78	4130	- Aspen		Poletimb	er Well	41.6	40	81-110	N/A		Looks to have been cut around the same time as the adjacent
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	stands. might end up merging in the future.
	Quaking Aspen	100	Sapling	7	40		lsam Fir	Medium	10 - 20 feet	10 - 20 feet	
79	500 -	- Water		Nor	ne	31.1			No		Mud Lake



Stand	Level 4 Co	over Type		Size De	ensity	Acres	Stand Age	BA Range	Managed Si	te	General Comments
80	4134 - Aspe	en, Spruce/	Fir	Poletimb	er Well	8.4	104	81-110	N/A		Stand was part of old stand 79. This area has more aspen and is
	Canopy Species	% Cover	Size Class	DBH	I Age						falling out because of age. Treat the part not associated with the SCA next rotation with stand 14 and 15.
	Quaking Aspen	70		9	104						Tion rotation with starta 11 and 10.
	Balsam Fir	20	Seedling	6							
	Red Maple	5		10							
	Paper Birch	5		10							
81	42320 - Up	land Sprud	ce P	oletimbe	r Medium	54.3	55	1-50	N/A		trees very scattered with open grass areas
	Canopy Species	% Cover	Size Class	DBH	I Age						
	White Spruce	90		8	55						
	Quaking Aspen	10	Seedling	6							
82	4112 - Maple, Beec	h, Cherry A	ssociation	Sawtimb	er Well	32.6	96	51-80	N/A		Ash is dying or very stressed. Fair quality.
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Specie	s Density	Avg. Height	Size	Harvested in spring of 2019 as part of the Deadzone Mix (45-113-17)
	Yellow Birch	5		12		Ма	ple (spp.)	Medium	>20 feet	>20 feet	timber sale.
	Basswood	5		12		Gr	een Ash	Low	>20 feet	>20 feet	
	Beech	5		10							_
No	rthern White Cedar	5		10							
	Sugar Maple	40		10	96						
	Red Maple	35		10	30						
	Green Ash	5		11							