

Compartment Review Presentation

Sault Ste. Marie Forest Management Unit

Compartment 45162
Entry Year 2027
Acreage: 1,591
County: Mackinac

Management Area: St. Ignace Lake Plain

Stand Examiner: Cody Flatt

Legal Description:

T43N-R8W Sections 19, 20, 29 & 30, Hudson Township & T43N-R9W Sections 24 & 25, Garfield Township.

Identified Planning Goals:

This compartment is located 4 miles east of Naubinway. The compartment and surrounding area is composed of a variety of different upland and lowland types and species. The old Lake Nipissing shoreline makes a dramatic break between the majority of uplands and the deer yard lowland areas. The aspen type within the compartment and the surrounding area has been managed extensively within the past 30 years. Most of the aspen within the compartment was harvested between 1972 and 1985. A large aspen type timber sale (Strickler Sale) was set up in the early 70's for Mead to supply wood to the new mill. Most of the conifer stands will not be managed this year of entry. The northern hardwood types within the compartments not treated in the last decade have been proposed for a selection harvest. A conifer component will be retained in all the northern hardwood stands where species are present.

Soil and topography:

The compartment transitions from the Lake Michigan shoreline north through the ridge and swale complex to the old Lake Nipissing shoreline on to the rolling upland with drainage flowing toward Lake Michigan. The ridge and swale is composed of Leafriver-Croswell-Wainola complex, Croswell-Wainola complex. The other lowland soil types are Leafriver mucky peat and Markey and Carbondale mucks. The transition along the Lake Nipissing bluff is Wallace-Alcona complex which is the soil on most of the drainages within the compartment. The majority of the uplands are Wallace sand, Pullup fine sand, Paquin sand, Borgstrom sand; and some transition soils are Caffey-Ingalls-Iosco complex, and Finch-Dawson-Pullup complex.

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

The east side of the compartment is surrounded by state lands, and to the north is state ownership except Section 18 which is in private ownership for the entire mile boundary. The west side is a mixture of state and private ownership and the south is bordered by private ownership and Lake Michigan. There is a mixture of absentee owners and permanent residences surrounding and within the compartment. The Black River Road has a settlement along both sides of the road and the Black River for over 1 mile.

Unique Natural Features:

Potential for raptors to nest in the compartment exists and care will be taken to check stands for nests and take appropriate management action to protect the species. There is a potential for some rare, threatened, and special concern plant and animal species to inhabit the compartment. Stands to be managed will be checked for species of concern. Management will be modified if species are found within those stands per management guidelines for that species. The Niagara escarpment runs through the compartment.

Archeological, Historical, and Cultural Features:

One possible old homestead within the compartment.

Special Management Designations or Considerations:

The Great Lakes Gas pipeline and Enbridge Oil pipeline right-of-ways with 2 Cloverland Electric transmission lines, run across the compartment. Contact will be made with the companies when harvesting activities take place around the right-of-ways.

Watershed and Fisheries Considerations:

The western region of this compartment contains Mattix Creek. Mattix Creek is a designated Type 1 trout stream less than 50-ft wide. A 300-foot buffer is recommended for Mattix 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 Mattix Creek in accordance with Best Management Practices. The eastern region of this compartment contains the Black River, Borgstrom Creek, and the East Branch Black River. The Black River (Type 4), Borgstrom Creek (Type 1), and the East Branch Black River (Type 1) are all designated trout streams less than 50-ft wide and have predicted mean July water temperatures that range from 57.6 to 61.3°F (cold streams). 300-foot buffers are

recommended for the Black River, Borgstrom Creek, and the East Branch Black River 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.

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. Aspen is prevalent on the eastern side of the compartment and cedar dominates most of the western and southern parts. Most of the cedar is part of a ridge-and-swale complex located near US-2. A couple of hardwood stands exist near the northern boundary of the compartment north the escarpment, which generally separates the uplands from the cedar and lowland stands further south. Despite its proximity to the shoreline, this compartment extends to the shoreline in only a few places. Cedar and other closed canopy conifer cover will be retained to provide cover for wintering deer as well as habitat for snowshoe hare, migratory songbirds, and other species. Treatments in deciduous stands will generally take place during the winter months for wintering deer. Some northern hardwoods will be treated to increase age class and structural diversity within the stands. The northern hardwood habitat in this area and the surrounding should benefit black-throated blue warbler and other migratory birds. Shoreline areas will generally remain untreated unless invasive species treatments are necessary.

Mineral Resource and Development Concerns and/or Restrictions

No known potential exists for commercial oil & gas production in this part of the state, and there is no known potential for economic production of metallic minerals in this area. The closest known active sand & gravel operation is more than three miles west of the compartment. There may be some potential for sand & gravel development on the uplands in the northern portion of the compartment. The southern portion of the compartment largely consists of dune and swale complexes (unique to the Great Lakes shorelines) that are ecologically sensitive and likely to be protected from development.

Vehicle Access:

The vehicle access is very good through most of the compartment. US – 2 Highway provides the access to the southern portion of the compartment. The Black River Road and Borgstrom Road are county maintained paved and/or good gravel roads. The Black River Road provides the access to Section 19 and the Borgstrom Road provides the access to Sections 20 and 29. The Flowing Well Road runs between the Black River and Borgstrom Roads. The Flowing Well Road has a large beaver dam in the middle. The road is no longer travelable on the private land. The two trails off the main roads give good access to all areas of the compartment except Section 25 and the south half of Section 24 which are lowlands. The Ledge and Ridge Roads are DNR maintained good dirt roads. These provide good access to the north west quarter of Section 24.

Survey Needs:

Survey needed in Sections 24 and 19, corners needed to establish sale boundary for proposed harvests.

Recreational Facilities and Opportunities:

The Black River State Forest Campground is just to the north of Section 19. The area is heavily used by fishers, hunters, campers, berry and mushroom pickers, motorized vehicle users and nature viewers. The close proximity to the private lands and the campground makes the area more enticing for recreational users.

Fire Protection:

The fire potential is low to moderate in this area. The amount of private ownership surrounding the state lands increases the chances for a debris fire escape. The area has good access for except for the lowland areas. The potential for ground fire is high in the lowland if there is a start in these areas.

Additional Compartment Information:

A Forest Treatment Proposal (FTP) has been approved to treat invasive phragmites along the Lake Michigan shoreline. Treatments as per work instructions and FTP may occur along the shoreline as necessary to eliminate the colonizing invasive phragmites.

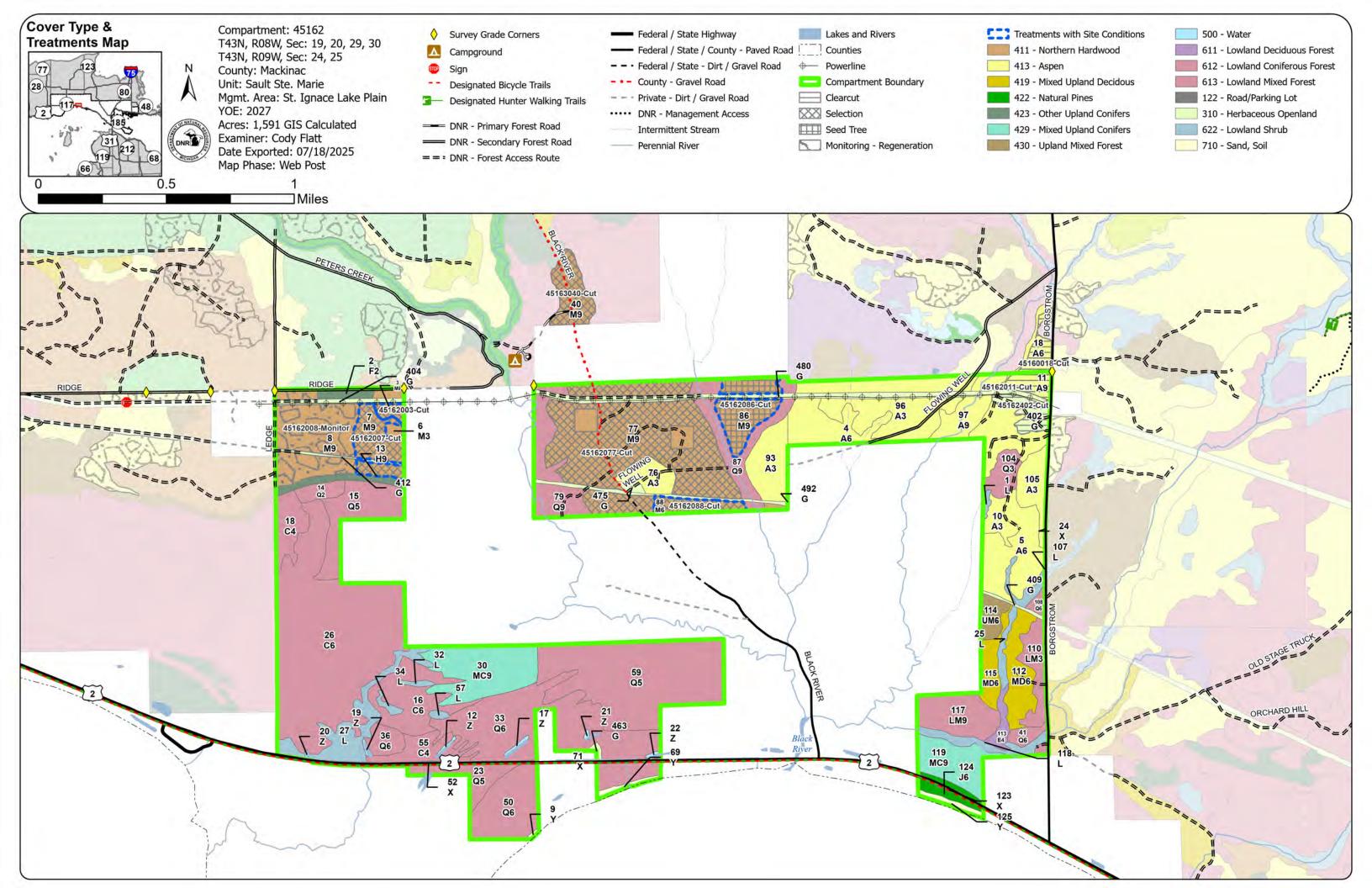
The following reports from the Inventory are attached:

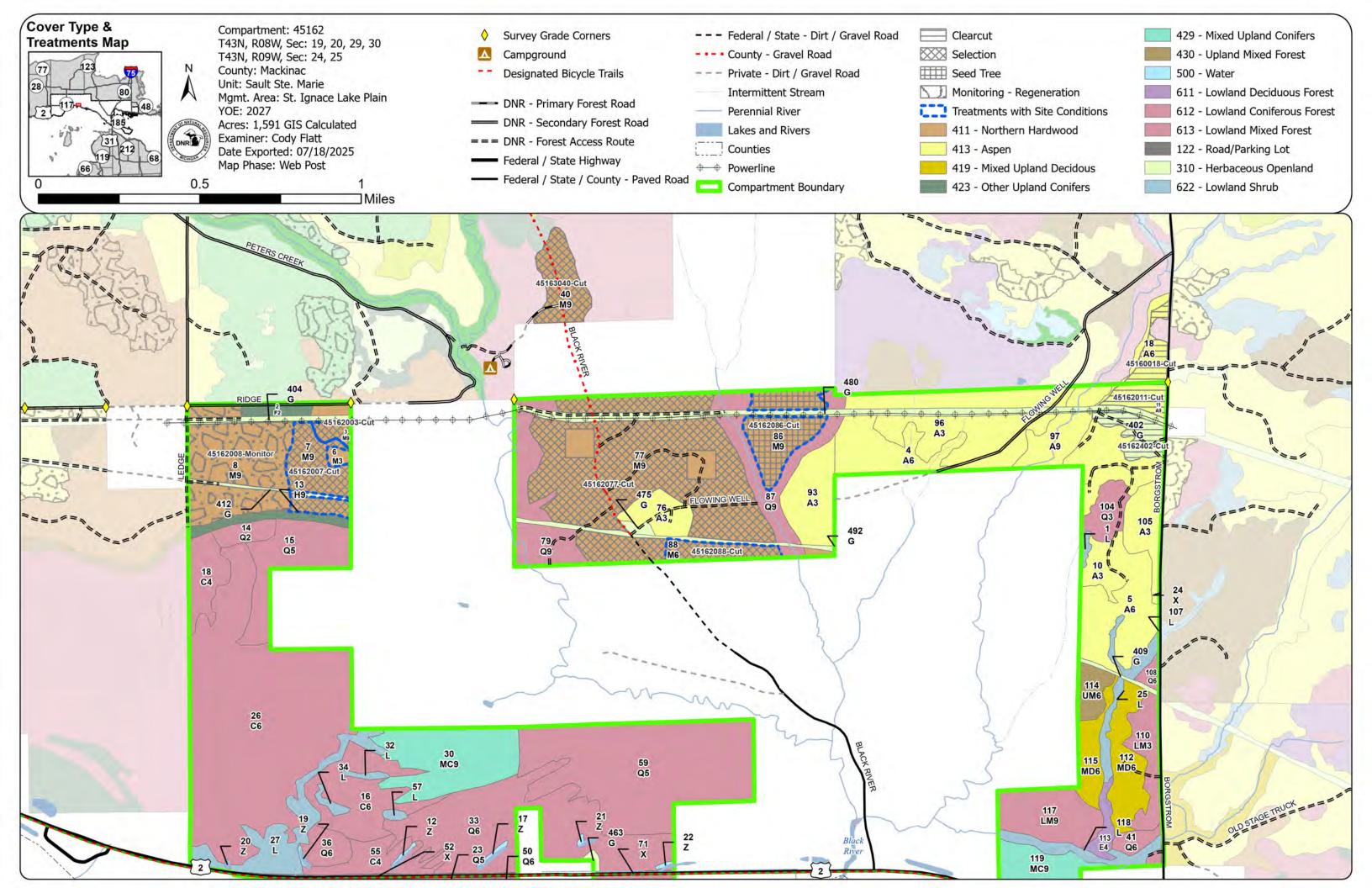
Total Acres by Cover Type and Age Class
Cover Type by Harvest Method
Proposed Treatments – No Limiting Factors
Proposed Treatments – With Limiting Factors
Stand Details (Forested and Nonforested)
Dedicated and Proposed Special Conservation Areas
Site Condition Details

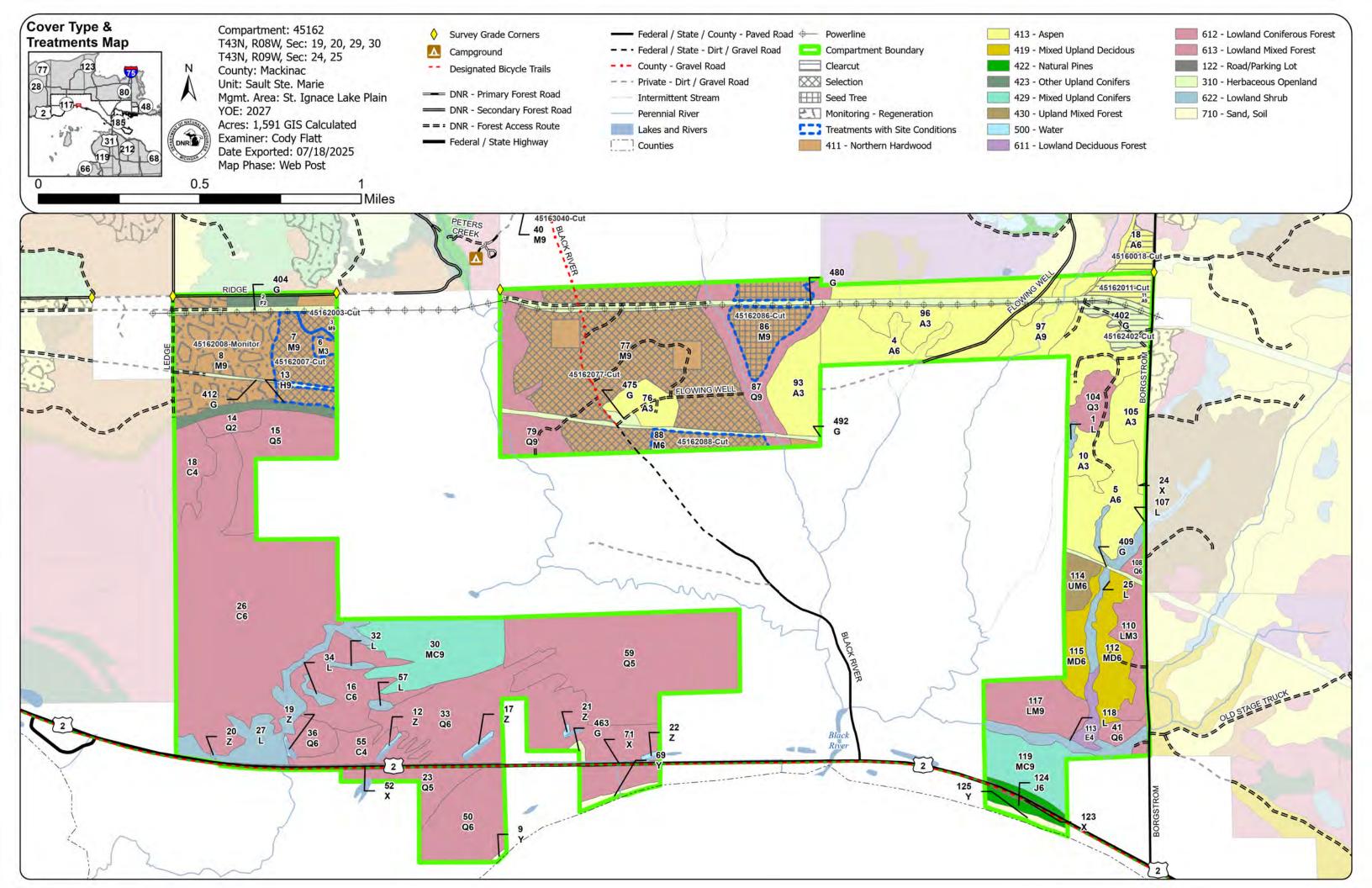
The following information is displayed, where pertinent, on the attached compartment maps:

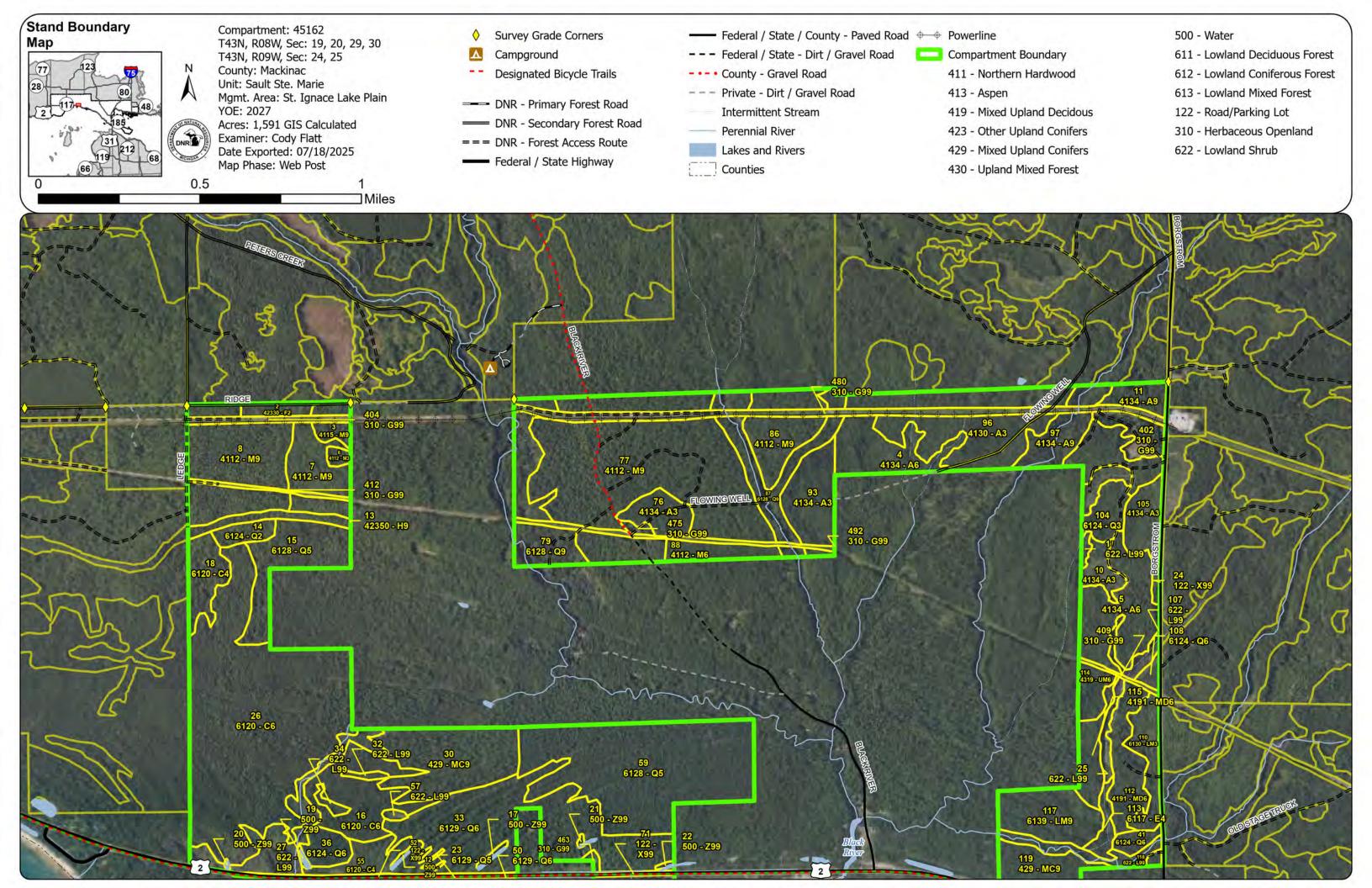
Base feature information, stand boundaries, cover types, and numbers

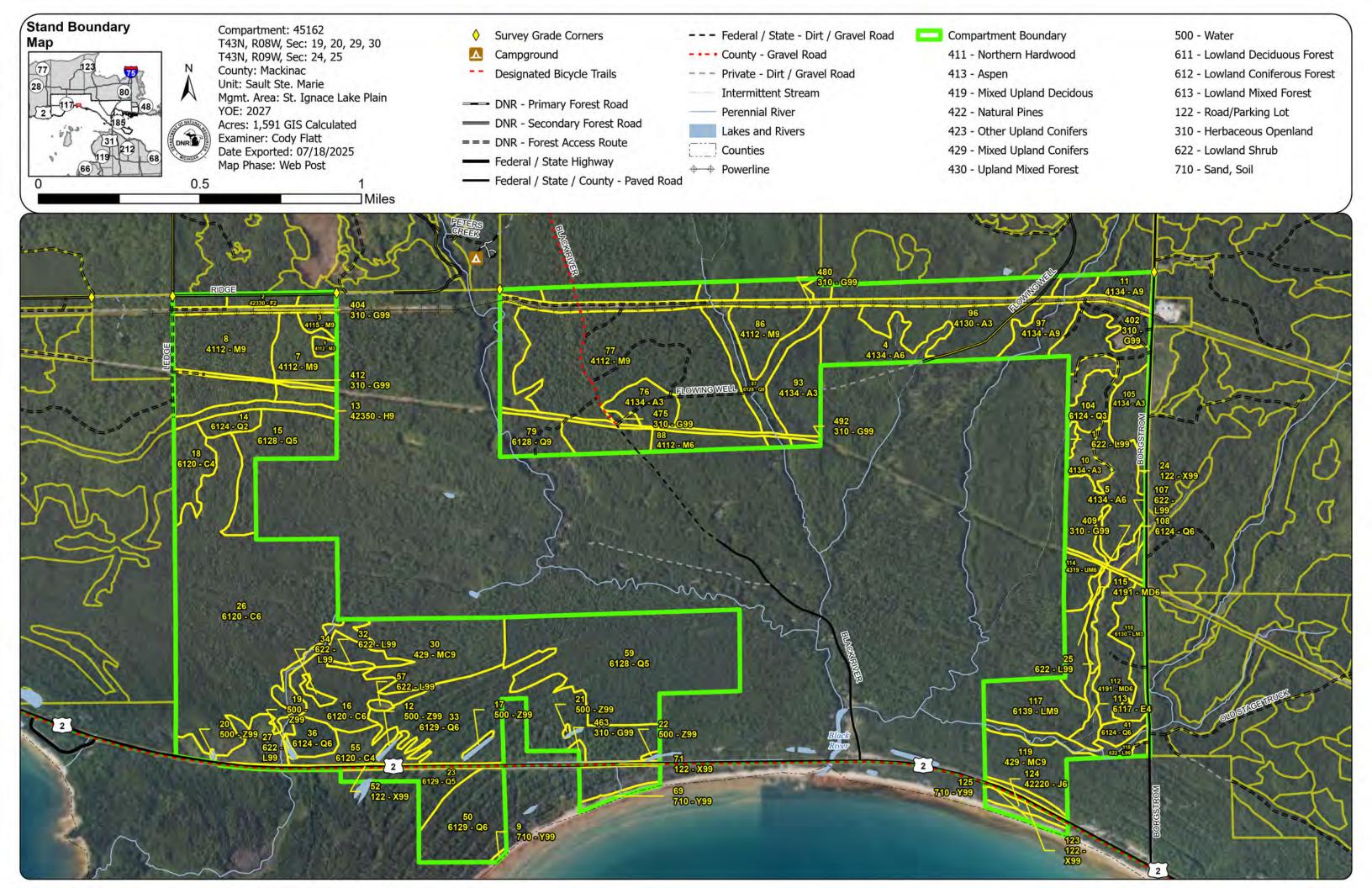
Proposed treatments
Site condition boundaries
Details on the road access system

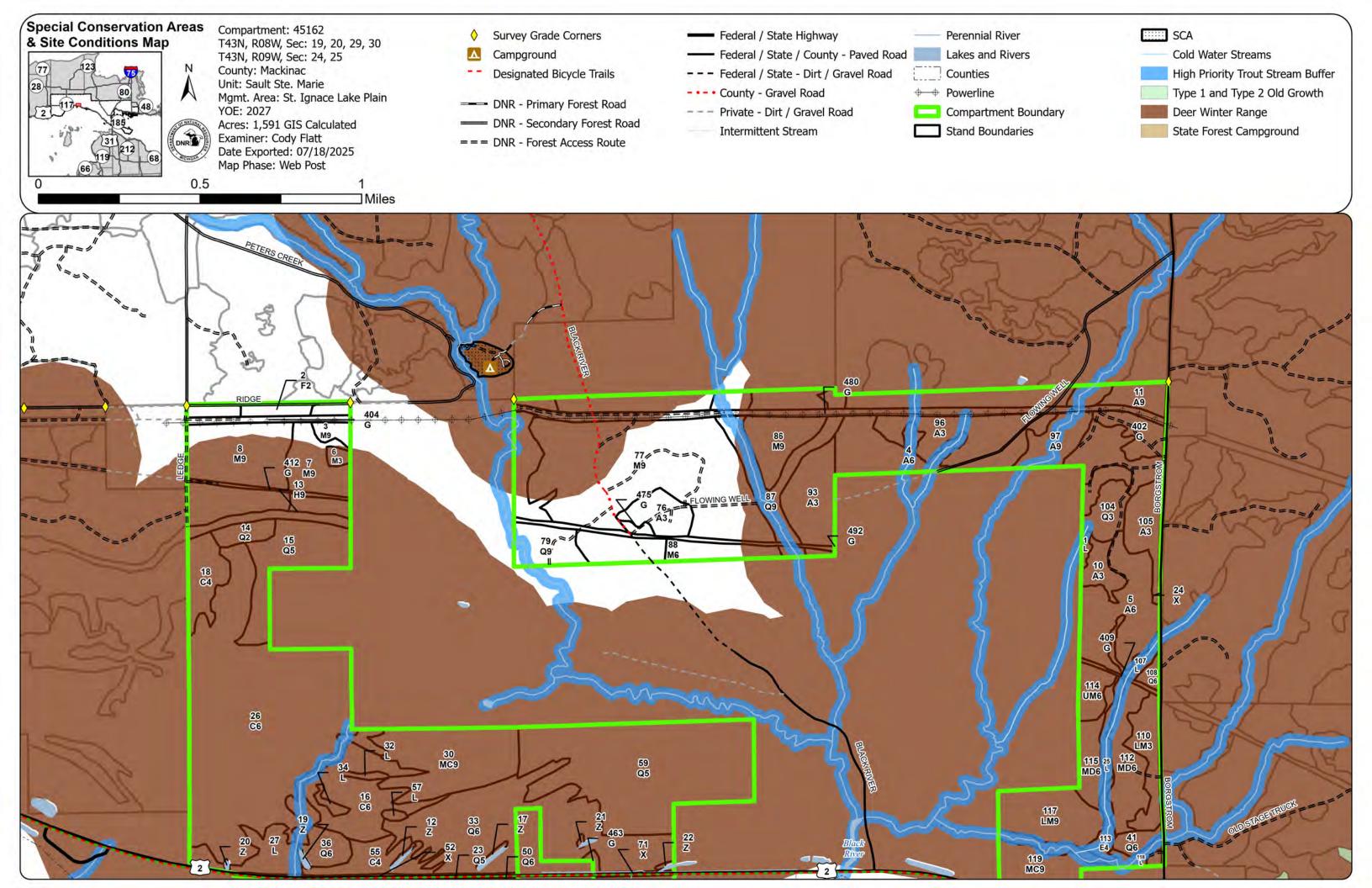


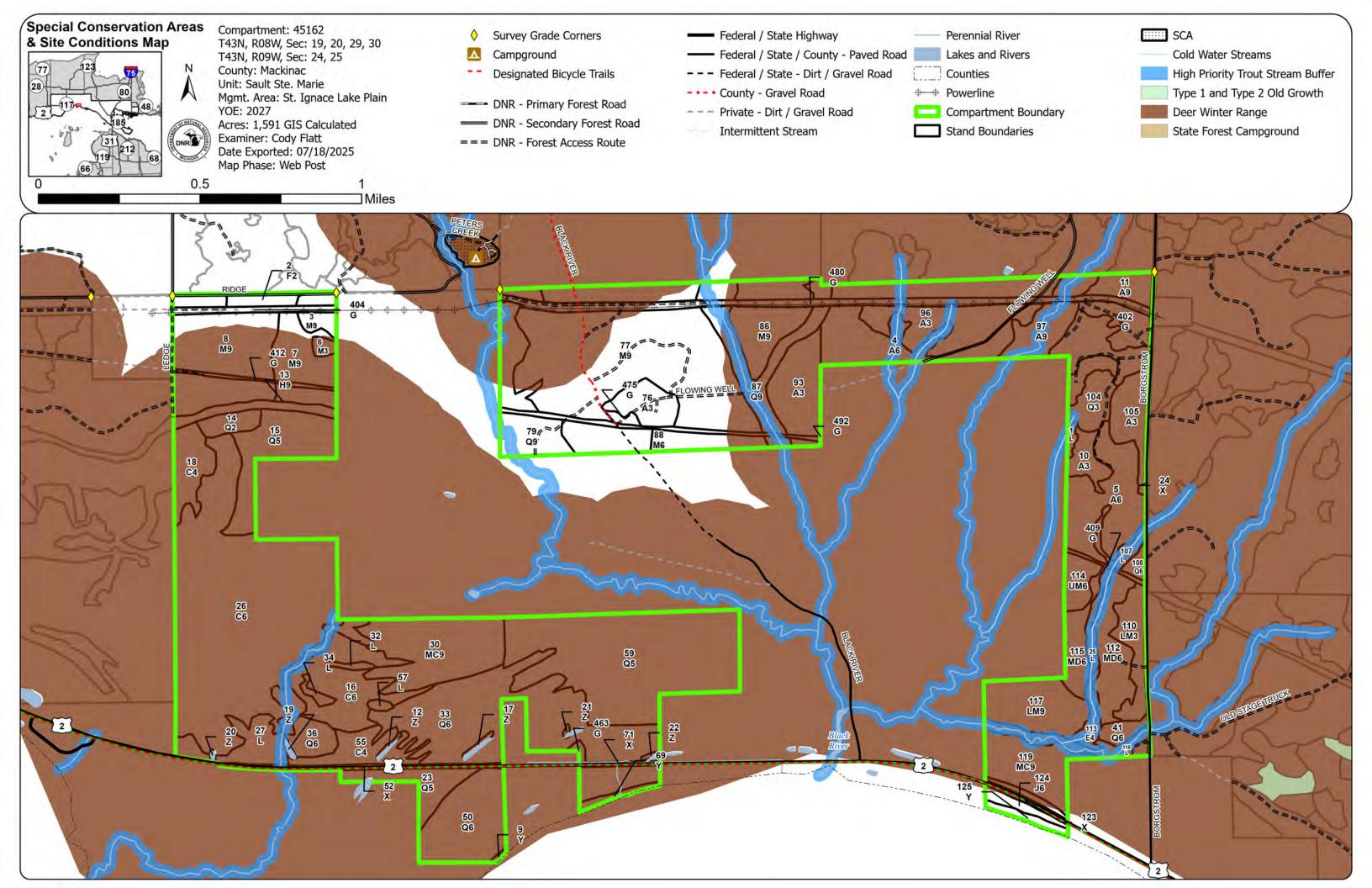












Cody Flatt: Examiner

Sault Ste. Marie Mgt. Unit



Compartment 162 Year of Entry 2027

Age Class

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	J.		\ 3° \ <u>\</u>			3 / 6		/ 3 / &	/ \$ ⁸ / £						/ \$\frac{1}{5}			St Reg	LO LO
Aspen	0	45	0	17	40	62	70	0	0	20	0	0	0	0	0	0	0	0	253
Cedar	0	0	0	0	0	0	0	0	0	0	0	0	0	263	0	0	0	0	263
Hemlock	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	9
Herbaceous Openland	63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	63
Jack Pine	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	8
Lowland Conifers	0	0	0	12	0	17	121	0	0	3	0	6	0	231	0	0	0	34	424
Lowland Deciduous	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	6
Lowland Mixed Forest	0	0	17	0	0	0	0	0	0	0	0	30	0	0	0	0	0	0	47
Lowland Shrub	59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	59
Mixed Upland Deciduous	0	0	0	0	0	0	38	0	0	0	0	0	0	0	0	0	0	0	38
Northern Hardwood	0	0	0	0	13	2	0	0	0	0	0	0	0	0	0	0	0	284	299
Sand, Soil	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Upland Conifers	0	0	0	0	0	0	0	0	0	0	0	28	0	0	0	0	0	50	78
Upland Mixed Forest	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	9
Upland Spruce/Fir	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Urban	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17
Water	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Total	151	45	17	35	62	81	235	0	0	31	0	64	0	494	0	0	9	368	1591



Report 2 – Treatment Summary

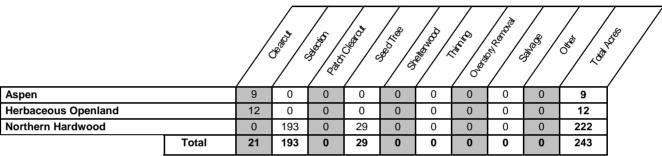
Sault Ste. Marie Mgt. Unit Year of Entry: 2027

Acres of Harvest

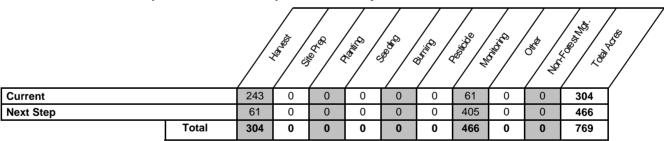
Compartment 162
Total Compartment Acres: 1,591

Commercial Harvest - 492 Harvests with Site Condition - 154 Next Step Harvest - 61 Habitat Cut - 61

Cover Type by Harvest Method



Proposed and Next Step Treatments by Method



S t a

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

Proposed Treatments:

 18
 45160018-Cut
 9.4
 4134 - Aspen, Spruce/Fir
 6
 55
 51-80
 Harvest
 Clearcut
 413 - Aspen
 Planting
 No

<u>Prescription</u> Cut all deciduous trees that are 2" or greater at DBH and all conifer trees that are 4" or greater at DBH. Retention will be left in riparian buffer. Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable aspen, maple, birch, cherry, spruce, fir, pine

Regen:

Other Comment:

Site Condition:

Proposed Start Date: 10/01/2026

3 45162003-Cut 4.3 4115 - Y.Birch, 9 120 111- Harvest Selection 4115 - Y.Birch, Current No Hemlock NH 140 Hemlock NH

<u>Prescription</u> Thin stand to an average of 60-80 BA. Focus on over mature, larger diameter stems, especially large red maple. Leave healthy beech and <u>Specs:</u> maintain a component of yellow birch and cherry throughout stand. Leave any hemlock. Leave trees over 26" DBH that me

<u>Next Step</u> Monitoring, Natural Regen (Intermediate)

Treatments:

Acceptable Maple, birch, cherry, aspen, spruce, fir, pine

Regen:

Other Harvest restricted to Dec 1- March 31 due to deer wintering complex.

Comment:

Site Condition: Survey Needed

Proposed Start Date: 10/01/2026

45162007-Cut 26.4 4112 - Maple, 9 88 111-Harvest Selection 4112 - Maple, Current No Beech, Cherry Beech, Cherry 140 Association Association

Prescription Thin stand to an average of 60-80 BA. Focus on over mature, larger diameter stems, especially large red maple. Leave healthy beech and Specs: maintain a component of yellow birch and cherry throughout stand. Leave any hemlock. Leave trees over 26" DBH that me

Next Step Monitoring, Natural Regen (Intermediate)

Treatments:

Acceptable Maple, birch, cherry, aspen, spruce, fir, pine

Regen:

Other Harvest restricted to Dec 1- March 31 due to deer wintering complex.

Comment:

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

S t a									Year of Entr	y: 2027	DNR
n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
8	45162008- Monitor	60.8	4112 - Maple, Beech, Cherry Association	9	105	81-110	Monitoring	Monitoring - Regeneration	4112 - Maple, Beech, Cherry Association	Current	No
Pre Spe		ue to moni	tor current maple re	egeneratior	for exc	essive de	er browse.				
	<u>kt Step</u> Harve atments:	st, Shelterv	vood								
	<u>eptable</u> Maple <u>gen:</u>	, birch, che	rry, aspen, spruce,	fir, pine							
Oth Cor	<u>er</u> May n nment:	eed to harv	est stand again to	release reg	en past	deer brov	vse height.				
Site	Condition:										
Pro	posed Start Date	<u>e:</u> 10/01/20	026								
11	45162011-Cut	t 9.1	4134 - Aspen, Spruce/Fir	9	52	51-80	Harvest	Clearcut	413 - Aspen	Planting Record	No

Prescription Cut all deciduous trees that are 2" or greater at DBH and all conifer trees that are 4" or greater at DBH. Retention will be left in riparian buffer. Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable aspen, maple, birch, cherry, spruce, fir, pine

Regen:

Other Comment:

Site Condition:

Proposed Start Date: 10/01/2026

45162077-Cut 150.4 4112 - Maple, 87 111-Harvest Selection 4112 - Maple, Current No Beech, Cherry Beech, Cherry 140 Association Association

Prescription Thin stand to an average of 60-80 BA. Focus on over mature, larger diameter stems, especially large red maple. Leave healthy beech and maintain a component of yellow birch and cherry throughout stand. Leave any hemlock. Leave trees over 26" DBH that me Specs:

Next Step Monitoring, Natural Regen (Intermediate); Monitoring, Natural Regen (Intermediate)

Treatments:

Acceptable Maple, birch, cherry, aspen, spruce, fir, pine

Regen:

Other Minimum 100' plus 5' per 1% increase in slope buffer along creek. May thin to 70-90 BA within buffer. Harvest restricted to Dec 1- March 31

Comment: due to deer wintering complex.

Site Condition:

Proposed Start Date: 10/01/2026

Compartment: 45162

s t			3		opo				Year of Entr		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
86	45162086-Cut	29.0	4112 - Maple, Beech, Cherry Association	9	96	81-110	Harvest	Seed Tree	4112 - Maple, Beech, Cherry Association	Planting Record	No
_			6-8 trees per acre. Feave trees and stre							ch, and conife	r species
	<u>kt Step</u> Monito atments:	ring, Natura	al Regen (Intermed	iate)							
	<u>ceptable</u> Maple, gen:	birch, chei	rry, aspen, spruce,	fir, pine							
Oth Cor		st restricted will be nee	to Dec 1- March 31 ded	I due to de	er winte	ering comp	lex.Minimum 10	0' plus 5' per 1% ii	ncrease in slope b	uffer along str	eam,
Site	Condition: Por	table Bridg	e Needed								
Pro	posed Start Date	<u>:</u> 10/01/20)26								
88	45162088-Cut	11.6	4112 - Maple, Beech, Cherry Association	6	37	81-110	Harvest	Selection	4112 - Maple, Beech, Cherry Association	Current	No
			average of 70-80 BA hout stand. Leave a								ellow birch
	kt Step Monito atments:	ring, Natura	al Regen (Intermed	iate); Mon	itoring,	Natural Re	egen (Intermedia	ate)			
	<u>ceptable</u> Maple, gen:	birch, cher	rry, aspen, spruce,	fir, pine							
Oth Cor	<u>ner</u> mment:										
Site	Condition: Sur	vey Neede	d								
Pro	posed Start Date	<u>:</u> 10/01/20)26								
402	45162402-Cut	11.9	310 - Herbaceous Openland	99			Harvest	Clearcut	310 - Herbaceous Openland	Previous Inventory	No
	scription Cut all ecs:	merchanta	ble trees. No retent	tion to mai	ntain as	an openir	ng.				
	kt Step Monito atments:	ring, Natura	al Regen (Re-Inven	tory)							
	<u>ceptable</u> None gen:										
Oth Cor	<u>ier</u> Openir mment:	ng Maintena	ance cut.								
Site	e Condition:										
Pro	posed Start Date	<u>:</u> 10/01/20)26								
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S t	Sault	Ste. Marie	Mgt. Unit		Repoi	rt 3 ⁻	Treatments		Compartmer Year of Entr		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
40 4	45163040-Cut	21.0 4	110 - Sugar Maple Association	9	86	81-110	Harvest	Selection	4110 - Sugar Maple Association	Current	No
Prescr Specs			verage of 60-80 BA nent of yellow birch				•		•	•	beech and
Next S Treatn	<u>Step</u> Moniton nents:	ing, Natura	al Regen (Intermedia	ate)							
Accep Regen		birch, cher	ry, aspen, spruce, fi	ir, pine							
Other Comm		t restricted	to Dec 1- March 31	due to de	er winte	ering com	plex.				
Site C	ondition:										

Total Treatment 333.9 Acreage Proposed:

Proposed Start Date: 10/01/2026

Sault Ste. Marie Mgt. Unit

Cody Flatt: Examiner

Compartment: 162 Year of Entry: 2027



Availability for Management Total Acres Avail **Dominant Site Conditions** Acres Acres With Condition Not Available 2F 3D 3J Acres Available 3H Aspen Cedar Hemlock Herbaceous Openland Jack Pine **Lowland Conifers Lowland Deciduous** Lowland Mixed Forest **Lowland Shrub** Mixed Upland Deciduous Northern Hardwood Sand, Soil **Upland Conifers Upland Mixed Forest** Upland Spruce/Fir Urban Water 1,588 1,001 Total Forested Acres 32% 63% Relative Percent 5%

*Due to limitations in the current Site Conditions Analysis tool, all nonforested acres are considered available. Future development will enable analysis of nonforested types.

Site No.	Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Unavailable	2F: Too steep	9	3A: Conservation values incompatible with harvest at this time	Unspecified	Unspecified	Unspecified
C	Comments:						

Sault Ste. Marie Mgt. Unit
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2	Unavailable	3J: Water quality/BMPs (stream, river, or lake)			Unspecified	Unspecified	Unspecified
	Comments:						
3	Available	2I: Survey needed	31	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
4	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	38	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
5	Unavailable	3D: Recreational/scenic values	8	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
6	Unavailable	2F: Too steep	30	3J: Water quality/BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
	Comments:						
7	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	6	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						

Sault Ste. Marie Mgt. Unit
Cody Flatt: Examiner



8 Unavailable 3J: Water quality/BMPs (stream, river, or lake) 20 Unspecified								
9 Unavailable 3J: Water quality/BMPs (stream, river, or lake) 10 Unavailable 3H: Deer Wintering Area-habitat is incompatible with harvest at this time Comments: 11 Unavailable 3H: Deer Wintering Area-habitat is incompatible with harvest at this time Comments: 12 Unavailable 3H: Deer Wintering Area-habitat is incompatible with harvest at this time Comments: 12 Unavailable 3H: Deer Wintering Area-habitat is incompatible with harvest at this time Comments: 13 Unavailable 3H: Deer Wintering Area-habitat is incompatible with harvest at this time Unspecified U	8	Unavailable		20	Unspecified	Unspecified	Unspecified	Unspecified
Comments: 10 Unavailable 3H: Deer Wintering Area - habitat is incompatible with harvest at this time Comments: 11 Unavailable 3H: Deer Wintering Area - habitat is incompatible with harvest at this time Comments: 12 Unavailable 3H: Deer Wintering Area - habitat is incompatible with harvest at this time Comments: 12 Unavailable 3H: Deer Wintering Area - habitat is incompatible with harvest at this time Comments: 13 Unavailable 3H: Deer Wintering Area - habitat is incompatible with harvest at this time Unspecified Unspeci	C	Comments:						
10 Unavailable 3H: Deer Wintering Area - habitat is incompatible with harvest at this time Comments: 11 Unavailable 3H: Deer Wintering Area - habitat is incompatible with harvest at this time Comments: 12 Unavailable 3H: Deer Wintering Area - habitat is incompatible with harvest at this time Comments: 13 Unavailable 3H: Deer Wintering Area - habitat is incompatible with harvest at this time Unspecified U	9	Unavailable		31	Unspecified	Unspecified	Unspecified	Unspecified
habitat is incompatible with harvest at this time Comments: 11 Unavailable 3H: Deer Wintering Area - habitat is incompatible with harvest at this time Comments: 12 Unavailable 3H: Deer Wintering Area - habitat is incompatible with harvest at this time Comments: 13 Unavailable 3H: Deer Wintering Area - habitat is incompatible with harvest at this time Unspecified Unspec	C	Comments:						
11 Unavailable 3H: Deer Wintering Area - 35 Unspecified Unspecified Unspecified Unspecified Unspecified Unspecified Comments: 12 Unavailable 3H: Deer Wintering Area - 9 Unspecified Uns	10	Unavailable	habitat is incompatible	39	Unspecified	Unspecified	Unspecified	Unspecified
habitat is incompatible with harvest at this time Comments: 12 Unavailable 3H: Deer Wintering Area - 9 Unspecified Unspecified Unspecified Unspecified Unspecified Comments: Comments: 13 Unavailable 3H: Deer Wintering Area - 190 Unspecified U	C	Comments:						
12 Unavailable 3H: Deer Wintering Area - 9 Unspecified Unspecified Unspecified Unspecified Unspecified Comments: 13 Unavailable 3H: Deer Wintering Area - 190 Unspecified Un	11	Unavailable	habitat is incompatible	35	Unspecified	Unspecified	Unspecified	Unspecified
habitat is incompatible with harvest at this time Comments: 13 Unavailable 3H: Deer Wintering Area - 190 Unspecified Unspecified Unspecified Unspecified With harvest at this time	C	Comments:						
13 Unavailable 3H: Deer Wintering Area - 190 Unspecified Unspecified Unspecified Unspecified Unspecified With harvest at this time	12	Unavailable	habitat is incompatible	9	Unspecified	Unspecified	Unspecified	Unspecified
habitat is incompatible with harvest at this time	C	Comments:						
Comments:	13	Unavailable	habitat is incompatible	190	Unspecified	Unspecified	Unspecified	Unspecified
	C	Comments:						

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14	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	17	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
15	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	35	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
16	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	7	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
17	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	34	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
18	Available	2D: Portable bridge needed (Dept. bridge will be adequate)	29	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
19 C	Available Comments:	2I: Survey needed	13	Unspecified	Unspecified	Unspecified	Unspecified
	225 4:27:29 DM Dog						TOOLEY

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20	Available	5G: Research Study	5	Unspecified	Unspecified	Unspecified	Unspecified
_	comments: Valters Research F	Project: Long-term beech reger	neration	monitoring, up to 20 years (th	rough 2039)		
21	Available	5G: Research Study	5	Unspecified	Unspecified	Unspecified	Unspecified
_	omments: Valters Research F	Project: Long-term beech reger	neration	monitoring, up to 20 years (th	rough 2039)		
22	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	1	5E: Long-Term Retention	Unspecified	Unspecified	Unspecified
_	omments: Liparian buffer leav	e as long term retention					

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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	Level 4 C	over Type		Size Der	sity	Acres	Stand Age B	A Range	Managed Site		General Comments
1	622 - Lov	vland Shrul	0	None	9	1.6			No)	Drainage area
						Sub-Can	opy Species	Density	Avg. Height	Size	
						Та	g Alder	Low	5 - 10 feet	5 - 10 feet	
						Aspe	en (spp.)	Low	Variable	Variable	
2	42330 -	Upland Fir	;	Sapling M	edium	5.9	24	1-50	N/A	Ą	Harvested on In Between Sale Again was a clean up sale from In
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	Between sale and was closed in 2001. Mixed regeneration 5-20' consisting of balsam fir, white spruce, red maple, bigtooth aspen and
	Red Maple	20	Pole	4		White	e Spruce	Low	10 - 20 feet	10 - 20 feet	beech. Balsam fir is the dominant species of the stand. Nearing pole
	Balsam Fir	70	Pole	4	24	Red	d Maple	Medium	Variable	Variable	size, still a lot of sapling size stems.
	White Spruce	5	Pole	4		В	eech	Medium	5 - 10 feet	5 - 10 feet	
	Beech	1	Pole	4		Whi	ite Pine	Low	Variable	Variable	
	Hemlock	2		10		Bals	sam Fir	Medium	10 - 20 feet	10 - 20 feet	
	White Pine	2		20		Bigtoo	oth Aspen	Low	10 - 20 feet	10 - 20 feet	
3	4115 - Y.Biro	h, Hemlock	k NH	Sawtimbe	r Well	7.4	120	111-140	N/A	Ą	Stand with red maple, hemlock, white pine, and yellow birch of larger
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	diameter in areas. Some areas of heavier fir regeneration and other areas of mostly red maple and beach with browse on the maple. The
	Red Maple	65		10	120	Stripe	ed Maple	Low	10 - 20 feet	10 - 20 feet	highest concentration of hemlock is north of the pipeline.
	Balsam Fir	3	Sapling	7		Whi	ite Pine	Low	< 5 feet	< 5 feet	
	Yellow Birch	2		14		В	eech	Medium	Variable	Variable	
	Hemlock	25		10		Bals	sam Fir	Low	Variable	Variable	
	White Pine	5		20		Red	d Maple	Medium	Variable	Variable	
4	4134 - Asp	en, Spruce	/Fir I	Poletimbe	r Well	62.0	43	51-80	N/A	Ą	Stand was cut in 1982. Originally stand 96, a portion of stand was
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	cut in 2023/2024. Small pole size diameters.
	Black Cherry	5	Sapling	5		Co	onifers	Medium	Variable	Variable	
	Paper Birch	10	Pole	4							1
	Quaking Aspen	50	Sapling	5	43						
	White Spruce	5	Sapling	5							
	Red Maple	10	Pole	4							
	Balsam Fir	20	Sapling	5							
5	4134 - Asp	en, Spruce	/Fir I	Poletimbe	r Well	60.8	52	51-80	N/A	A	Stand was cut between 1973 and 1979. A nice Mackinac Mix stand.
	Canopy Species	% Cover	Size Class	DBH	Age						Generally smaller pole sized diameters, not yet merchantable. West portion of stand was cut in winter of 2020/2021
	- I:	30	Pole	4							as part of the Borgstrom Aspen (45-110-17) timber sale. (Now stand
	Balsam Fir										10)
	White Spruce	10	Pole	4							
		10	Pole Pole	4							
	White Spruce				52						
	White Spruce Red Maple	10	Pole	4	52						



Stand	Level 4 Co	over Type		Size Density Acres Stand Age BA Range Managed Site		ite	General Comments				
6	4112 - Maple, Beec	h, Cherry A	Association	Sapling	Well	2.4	41	1-50	N/A		Harvested in 1984 to be managed as brush or grass opening. Has regenerated to a stand of red maple and balsam fir. Still a lot of
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	sapling sized stems, some near pole size.
	Red Maple	80	Pole	4	41	Re	d Maple	Low	< 5 feet	< 5 feet	
	Balsam Fir	20	Sapling	5							
7	4112 - Maple, Beec	h, Cherry A	Association	Sawtimb	er Well	26.4	88	111-140	N/A		Cleaned up after Ledge Road Hardwood sale was closed with not all marked trees harvested. Small sale to clean up the marked trees in
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	small area in the stand. Ridge Road Firewood #101-07-01 completed
	Yellow Birch	2		10		Re	d Maple	Medium	5 - 10 feet	5 - 10 feet	07/05/2010. Areas of marked trees not cut creating a few areas of
	Balsam Fir	5	Sapling	6		Wh	ite Pine	Low	< 5 feet	< 5 feet	basal area from 110-160. Deer browse on maple regeneration.
	Red Maple	85		10	88	Bal	sam Fir	Medium	10 - 20 feet	10 - 20 feet	
	Hemlock	8		12		Е	Beech	Low	5 - 10 feet	5 - 10 feet	
8	4112 - Maple, Beec	h, Cherry A	Association	Sawtimb	er Well	60.8	105	81-110	N/A		The few remaining beech have died. High beech sub canopy with
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	maple growing under the beech. Thinned spring/summer of 2020 Lake Breeze Maple (45-109-2017). Heavy deer browse on maple
	Sugar Maple	42		10		Sug	ar Maple	Medium	< 5 feet	< 5 feet	regen.
	Red Maple	55		11	105	Strip	ed Maple	Low	5 - 10 feet	5 - 10 feet	
	Yellow Birch	3		14		Servicebe	rry (Juneberry) Low	>20 feet	>20 feet	
						Е	Beech	High	10 - 20 feet	10 - 20 feet	
						Re	d Maple	Medium	< 5 feet	< 5 feet	
9	710 - S	and, Soil		Nor	ne	0.6			No		Lake Michigan sand and dune
10	4134 - Aspe	en. Spruce/	Fir	Sapling	ı Well	15.2	4	Immature	N/A		
10	Canopy Species		Size Class		Age						Stand was cut in winter of 2020/2021 as part of the Borgstrom Aspen
	Quaking Aspen	50	Log	2	4						(45-110-17) timber sale. Some pockets of unmerchantable fir left unharvested. Originally part of stand 5
	Black Cherry	5	Log	1							unnarvested. Originally part of stand o
	Balsam Fir	20	Pole	4							
	Paper Birch	10	Log	1							
	Red Maple	5	Log	1							
	White Spruce	10	Pole	2							
11	4134 - Aspe		/Fir	Sawtimb	er Well	9.5	52	51-80	N/A		Continuation of adjacent stand 18 in Comp160 to the north. Some
	Canopy Species		Size Class	ь рвн	Age	Sub-Cai	nopy Species	Density	Avg. Height	Size	larger aspen with maple poles in south portion of stand with areas of
	Red Maple	15		10			d Maple	Medium	Variable	Variable	filled in opening in north portion with larger maple and white pine. Manage with stand to north.
	White Spruce	10		10			sam Fir	Low	Variable	Variable	
	Quaking Aspen	40		10	52		ar Maple	Medium	Variable	Variable	
	Sugar Maple	15		10			1 -				
	Balsam Fir	10	Seedling								
	White Pine	10		12							
											_
12	500 -	Water		Nor	ne	0.7			No		



Stand	Level 4 Co	over Type		Size De	nsity	Acres	Stand Age B	A Range	Managed S	Site	General Comments
13	42350 - Upl	and Hemlo	ck	Sawtimbe	er Well	9.1	190	201+	N/A	Α	The old lake Nipissing shoreline with a very steep sidehill between the
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	upland and swamp. Large hemlock and white pine present in the stand. The stand is entirely on the very steep sidehill.
	Yellow Birch	2		12		Red	d Maple	Low	< 5 feet	< 5 feet	No sub canopy except for red maple on the edge of the stand.
	White Pine	10		22							
	Hemlock	85		12	190						
	Red Maple	3		8							
14	6124 - Lowla	nd Spruce-	·Fir :	Sapling M	ledium	7.3	45 U	nspecified	N/A	4	Cut for emergency deer feed approximately between 1978 to 1981.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	The stand is at the bottom of the old lake Nipissing shoreline. There heavy deer use in the stand.
	Balsam Fir	40	Log	3	45	Ta	g Alder	Medium	Variable	Variable	Heavy deel use in the stand.
	Red Maple	30	Log	4			_				<u> </u>
	White Spruce	20	Log	3							
Nor	rthern White Cedar	10	Sapling	5							
	Canopy Species	% Cover	Size Class	DBH	Age		nopy Species	Density	Avg. Height	Size	
		duous	Cina Class	DDII	A	Cub Car		Damaitu	A.m. Haimbé	C:	7
	Hemlock	10		10		Red	d Maple	Low	Variable	Variable	
	Balsam Fir	20	Sapling	7		Bal	sam Fir	Medium	Variable	Variable	
Nor	rthern White Cedar	40	Seedling	8	125	Ta	g Alder	Medium	Variable	Variable	
	Red Maple	10		10							
	Paper Birch	10	Sapling	5							
	Yellow Birch	5		12							
	Balsam Poplar	5	Sapling	6							
16	6120 - Lov	vland Ceda	r	Poletimbe	er Well	38.0	125	81-110	N/A	4	This is the Kitchen Swamp. Deer yard area with heavy use and small
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	rcreeks flowing thru stand. Typical Lake Michigan ridge and swale area.
	White Spruce	5	Seedling	7		Bal	sam Fir	Medium	Variable	Variable	
	Balsam Poplar	2	Seedling	7		Та	g Alder	Low	10 - 20 feet	10 - 20 feet	
			0 11:								
	Red Maple	5	Seedling	7							
	Red Maple Paper Birch	3	Seedling	7							
	·										
	Paper Birch	3	Seedling	7	125						
	Paper Birch Balsam Fir	3 5	Seedling Seedling	7 6	125						



Stand	Level 4 Co	over Type		Size De	ensity	Acres	Stand Age B	A Range	Managed Si	ite	General Comments
18	6120 - Lov			Poletimb		16.8	125	1-50	N/A		Deer yard area with heavy use. Some areas cut in 1940 to 1950. ¬ Some wet areas with little to no basal area.
	Canopy Species		Size Class		l Age		nopy Species	Density	Avg. Height	Size	
	Balsam Fir	20	Sapling	7			g Alder	Medium	Variable	Variable	
	Red Maple	5	Sapling	7		Bal	sam Fir	Medium	Variable	Variable	
	Paper Birch	10	Sapling	5							
No	rthern White Cedar	50	Seedling	8	125						
	Hemlock	10		10							
	Balsam Poplar	5	Sapling	5							
19	500 -	Water		No	ne	0.8			No		
20	500 -	Water		No	ne	0.2			No		
21	500 -	Water		No	ne	0.4			No		
22	500 -	Water		No	ne	0.6			No		
23	6129 - Mixed Conife	erous Lowla	and Forest P	oletimbe	r Mediur	n 16.5	125	51-80	N/A		Ridge and swale stand with cedar, white pine, spruce, balsam fir on
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Car	nopy Species	Density	Avg. Height	Size	ridges. Cedar and tag alder in swales.
	White Pine	20		10		Та	g Alder	Medium	Variable	Variable	
	Paper Birch	10	Sapling	6		Bal	sam Fir	Medium	5 - 10 feet	5 - 10 feet	
	Black Spruce	10	Sapling	5							_
No	rthern White Cedar	45	Sapling	6	125						
	Balsam Fir	15	Sapling	5							
24	122 - Road	d/Parking Lo	ot	No	ne	4.1			No		Borgstrom Rd and R.O.W
25	622 - Low	vland Shrub)	No	ne	5.3			No		Intermittent stream corridor with tag alder present. Buffer strip along the stream. Small beaver pond present some of the time just north of closed road.
26	6120 - Lov	wland Ceda	r	Poletimb	er Well	189.9	125	51-80	N/A		This is the Kitchen Swamp. Deer yard area with heavy use and small
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Car	nopy Species	Density	Avg. Height	Size	reeks flowing thru stand. Typical Lake Michigan ridge and swale area.
	Paper Birch	3	Seedling	7			sam Fir	Medium	Variable	Variable	diod.
	Balsam Fir	5	Seedling	6		Ta	g Alder	Low	10 - 20 feet	10 - 20 feet	
	White Spruce	5	Seedling	7							_
	White Pine	10		12							
No	rthern White Cedar	70	Sapling	7	125						
No		70	Sapling Seedling	7	125						



Stand	, , , , , , , , , , , , , , , , , , ,	Level 4 Cover Type	over Type		evel 4 Cover Type	er Type		ver Type		ensity	Acres	Stand Age E	BA Range	Managed Si	te	General Comments
27	622 - Low	land Shrub)	No	ne	30.2			No		Mattix Creek flows through the tag alder brush stand.					
30	429 - Mixed U	Ipland Con	ifers	Sawtimb	er Well	50.3	132	171-200	N/A		Lake Michigan ridge and swale stand. This stand has a lot more white					
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	pine than cedar unlike the other stands in the area. Slightly more upland than lowland.					
	Black Spruce	10	Seedling	6		Ва	lsam Fir	High	Variable	Variable	upiana mamowiana.					
	Red Maple	5	Seedling	8		Ta	ag Alder	Low	Variable	Variable						
	Paper Birch	5	Seedling	7	· ·						_					
Nort	thern White Cedar	20	Seedling	7												
	Balsam Fir	10	Sapling	6												
	White Pine	50		12	132											
32	622 - Low	land Shrub)	No	ne	1.7			No		Tag alder areas with some flow thru the stand.					
33	6129 - Mixed Conife	erous Lowla	and Forest	Poletimb	er Well	109.1	125	81-110	N/A		This is the Kitchen Swamp. Deer yard area with heavy use and small					
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	reeks flowing thru stand. Typical Lake Michigan ridge and swale area. Ridges contain mix of pine, spruce, balsam fir, cedar, hemlock.					
	Balsam Poplar	2	Seedling	7		Ва	lsam Fir	Medium	Variable	Variable	Swales contain cedar and tag alder.					
	Black Spruce	15	Sapling	5		Ta	ag Alder	Low	10 - 20 feet	10 - 20 feet						
	Paper Birch	3	Seedling	7				'			_					
	Hemlock	5		12												
		-	Seedling	7												
	Red Maple	5	3	1 -												
	Red Maple White Pine	24	<u> </u>	12	125											
	<u> </u>		Seedling		125											
	White Pine	24		12	125											
	White Pine White Spruce	24	Seedling	12 7												
	White Pine White Spruce thern White Cedar Balsam Fir	24 6 20	Seedling Sapling Sapling	12 7 7	125	2.2			No		Tag alder areas with some flow thru the stand.					
Nort	White Pine White Spruce thern White Cedar Balsam Fir	24 6 20 20	Seedling Sapling Sapling	12 7 7 5	125 ne		43	1-50	No N/A		Tag alder areas with some flow thru the stand. Harvested in 1982. Some deer use within the stand.					
34 36	White Pine White Spruce thern White Cedar Balsam Fir 622 - Low	24 6 20 20 20	Seedling Sapling Sapling	12 7 7 5 No	125 ne	9.5	43 nopy Species			Size						
34 36	White Pine White Spruce thern White Cedar Balsam Fir 622 - Low	24 6 20 20 20	Seedling Sapling Sapling	12 7 7 5 No	125 ne	9.5 Sub-Ca			N/A	Size Variable						
34 36	White Pine White Spruce thern White Cedar Balsam Fir 622 - Low 6124 - Lowla	24 6 20 20 20 eland Shrub	Seedling Sapling Sapling Sapling	12 7 7 5 No	125 ne	9.5 Sub-Ca	nopy Species	Density	N/A Avg. Height							
34 36	White Pine White Spruce thern White Cedar Balsam Fir 622 - Low 6124 - Lowla Canopy Species Red Maple	24 6 20 20 20 Irland Shrub and Spruce % Cover 5	Seedling Sapling Sapling Sapling -Fir Size Class Pole	12	125 ne	9.5 Sub-Ca	nopy Species	Density	N/A Avg. Height							
34 36	White Pine White Spruce thern White Cedar Balsam Fir 622 - Low 6124 - Lowla Canopy Species Red Maple thern White Cedar	24 6 20 20 20 vland Shrub and Spruce % Cover 5 5	Seedling Sapling Sapling Sapling Fir Size Class Pole Seedling	12	125 ne	9.5 Sub-Ca	nopy Species	Density	N/A Avg. Height							
34 36 Nort	White Pine White Spruce thern White Cedar Balsam Fir 622 - Low 6124 - Lowla Canopy Species Red Maple thern White Cedar Balsam Poplar	24 6 20 20 20 20 20 20 20 21 21 21 21 21 21 21 21 21 21 21 21 21	Seedling Sapling Sapling Fir Size Class Pole Seedling Sapling	12	125 ne eer Well	9.5 Sub-Ca	nopy Species	Density	N/A Avg. Height							



Stand	Level 4 Co	over Type		Size De	nsity	Acres Sta	and Age BA	\ Range	Managed Si	te	General Comments
41	6124 - Lowla	and Spruce	-Fir P	Poletimb	er Well	6.4	105 1	111-140	N/A		Mackinac mix stand with all types of species present. This portion of
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Canop	y Species	Density	Avg. Height	Size	the stand was left when the original stand was harvested. It is the buffer for the east branch of the Black River. There is also a small
	Balsam Poplar	5	Seedling	8		Balsan	n Fir	High	Variable	Variable	access site to the river off of Borgstrom Road. Stand will be left.
	Quaking Aspen	10	Seedling	8		Tag A	lder	Low	Variable	Variable	
	White Pine	10		10					-		_
No	rthern White Cedar	10	Seedling	6							
	Paper Birch	5	Seedling	7							
	White Spruce	30	Seedling	8	105						
	Red Maple	10	Seedling	7							
	Balsam Fir	20	Seedling	7							
50	6129 - Mixed Conife	erous Lowla	and Forest P	oletimb	er Well	38.7	125	81-110	N/A		Thick cedar stand with heavy deer use in the stand. Stand goes do
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Canop	y Species	Density	Avg. Height	Size	to Lake Michigan.
	White Spruce	5	Seedling	7		Tag A	lder	Medium	Variable	Variable	
	Red Maple	5	Seedling	7		Balsan	ກ Fir	High	Variable	Variable	
	White Pine	20		12							_
	Balsam Fir	10	Seedling	6							
	Black Spruce	10	Seedling	6							
No	rthern White Cedar	45	Sapling	7	125						
	Paper Birch	5	Seedling	7							
52	122 - Road	I/Parking L	ot	Noi	ne	7.8			No		US - 2 Highway R.O.W. zone.
	122 - Road 6120 - Lov			Noi Poletimb			125	1-50	No N/A		Poor quality cedar stand with some flooding occurring in the stand.
52 55		vland Ceda		oletimb				1-50 Density		Size	
	6120 - Lov	vland Ceda	ır P	oletimb	er Poor	18.1	y Species		N/A	Size Variable	Poor quality cedar stand with some flooding occurring in the stand.
	6120 - Lov	vland Ceda	ır P	oletimb	er Poor	18.1 Sub-Canop	y Species Ider	Density	N/A Avg. Height		Poor quality cedar stand with some flooding occurring in the stand.
	6120 - Lov Canopy Species White Pine	vland Ceda **Cover** 5	ır P Size Class	Ooletimb DBH	er Poor	18.1 Sub-Canop	y Species Ider	Density Medium	N/A Avg. Height Variable	Variable	Poor quality cedar stand with some flooding occurring in the stand.
55	6120 - Lov Canopy Species White Pine Paper Birch	vland Ceda % Cover 5 10	sr P Size Class Sapling	Poletimb DBH 10 6	er Poor	18.1 Sub-Canop	y Species Ider	Density Medium	N/A Avg. Height Variable	Variable	Poor quality cedar stand with some flooding occurring in the stand.
55	6120 - Lov Canopy Species White Pine Paper Birch Black Spruce	vland Ceda **Cover 5 10 5	Size Class Sapling Sapling	DBH 10 6 5	er Poor	18.1 Sub-Canop	y Species Ider	Density Medium	N/A Avg. Height Variable	Variable	Poor quality cedar stand with some flooding occurring in the stand.

Report 7 - Stands

Compartment: 162 Year of Entry: 2027



Stan	d Level 4 C	over Type		Size De	ensity	Acres	Stand Age	BA Range	Managed S	Site	General Comments
59	6128 - Lowland Dec	Coniferous, iduous	Mixed F	Poletimbe	r Medium	121.3	50	Unspecified	N/A	A	Harvested in the mid 1970's, is a ridge and swale stand. Has balsam fir, spruce, white birch, aspen, red maple, cedar, white pine, with
	Canopy Species	% Cover	Size Class	s DBI	l Age	Sub-Ca	nopy Specie	es Density	Avg. Height	Size	some tag alder in the swales. Small size pole stand, still a lot of sapling size stems.
	Red Maple	10	Pole	4		C	Conifers	Medium	Variable	Variable	saping size stems.
	White Spruce	5	Sapling	5		Ta	ag Alder	Medium	5 - 10 feet	5 - 10 feet	
	Paper Birch	10	Sapling	6							
No	orthern White Cedar	10	Sapling	6							
	White Pine	15		10							
	Balsam Fir	30	Sapling	5	50						
	Black Spruce	10	Sapling	5							
69	710 - S	Sand, Soil		No	ne	3.1			No)	Lake Michigan beach and sand dune.
71	122 - Road	d/Parking L	ot	No	ne	2.2			No)	US - 2 Highway R.O.W. zone.
76	4134 - Aspe	en, Spruce/	Fir	Saplin	g Well	14.0	37	51-80	N/A	λ	Harvested in 1988, good aspen regeneration. Some areas of larger
	Canopy Species	% Cover	Size Class	s DBI	l Age	Sub-Ca	nopy Specie	es Density	Avg. Height	Size	diameter aspen 6"+, nearing pole size throughout.
	Bigtooth Aspen	75	Pole	4	37		alsam Fir	Low	Variable	Variable	
	White Spruce	10		8		Re	ed Maple	Low	5 - 10 feet	5 - 10 feet	
	Balsam Fir	10	Seedling	8			·				1
	Red Maple	5	Pole	4							
77	4112 - Maple, Beec	ch, Cherry A	ssociation	Sawtimb	er Well	160.5	87	111-140	N/A	١	Thinned in 2008 Washout Hardwoods sale. Significant amount of xlog
	Canopy Species	% Cover	Size Class	s DBI	l Age	Sub-Ca	nopy Specie	es Density	Avg. Height	Size	red maple in the stand. Maple regeneration is coming in the best on the west side of Black River Road and south of the pipeline. The
	Sugar Maple	55		12	87		Beech	Medium	5 - 10 feet	5 - 10 feet	other areas have greater beech regeneration. Some areas of heavy
	Red Maple	39		14		Sug	gar Maple	Medium	Variable	Variable	deer browse on regen.
	White Pine	2		20		Re	ed Maple	Medium	Variable	Variable	
	White Spruce	2		8							_
	Hemlock	2		10							
79	6128 - Lowland Dec	Coniferous, iduous	Mixed	Sawtimb	er Well	33.6	125	111-140	N/A	1	Drainage into Black River and Black River influence zone. Steep slope, two small streams and Black River.
	Canopy Species	% Cover	Size Class	s DBI	l Age	Sub-Ca	nopy Specie	es Density	Avg. Height	Size	
	Yellow Birch	5		12		Wh	ite Spruce	Low	5 - 10 feet	5 - 10 feet	
	Red Maple	25		14		Ва	alsam Fir	Low	5 - 10 feet	5 - 10 feet	
	Bigtooth Aspen	3		10		Ma	ple (spp.)	Low	Variable	Variable	
	orthern White Cedar	35		8	125	-					
No											
No	Sugar Maple	2		8							
No	Sugar Maple Balsam Fir	2 5	Seedling								
No			Seedling								

Sault Ste. Marie Mgt. Unit

Report 7 - Stands

DNR DNR

Compartment: 162

Year of Entry: 2027

Stan	Level 4 C	over Type		Size Densit	y Acres	Stand Age B	A Range	Managed S	Site	General Comments
86	4112 - Maple, Beec	h, Cherry A	Association	Sawtimber W	/ell 29.0	96	81-110	N/A	4	Stand was cut 2 entries ago. Heavy deer browse on maple saplings.
	Canopy Species	% Cover	Size Class	DBH Ag	e Sub-C	anopy Species	Density	Avg. Height	Size	
	Sugar Maple	10		10		Beech	Low	Variable	Variable	
	Beech	5		12	F	Red Maple	Medium	< 5 feet	< 5 feet	
	Hemlock	5		12		Conifers	Medium	Variable	Variable	
	Red Maple	80		10 96	;					
87	6128 - Lowland Dec	Coniferous iduous	, Mixed	Sawtimber W	/ell 31.1	125	81-110	N/A	Ą	Stand which serves as a buffer for the streams which flow into the Black River.
	Canopy Species	% Cover	Size Class	DBH Ag	e Sub-C	anopy Species	Density	Avg. Height	Size	
	Yellow Birch	20		14	F	Red Maple	Low	< 5 feet	< 5 feet	
	Red Maple	20		10		Beech	Low	5 - 10 feet	5 - 10 feet	
No	rthern White Cedar	45		8 12	5 W	hite Spruce	Low	5 - 10 feet	5 - 10 feet	
	White Spruce	15		10						-
88	4112 - Maple, Beec	h, Cherry A	Association	Poletimber W	/ell 12.8	37	81-110	N/A	Α	Harvested in 1988 with some overstory trees retained.
	Canopy Species	% Cover	Size Class	DBH Ag	e Sub-C	anopy Species	Density	Avg. Height	Size	
	Red Maple	55		6 37	·	Red Maple	Medium	Variable	Variable	
	Sugar Maple	40		6	S	ugar Maple	Medium	Variable	Variable	
	Yellow Birch	5		10	E	Balsam Fir	Low	5 - 10 feet	5 - 10 feet	
						Beech	Medium	Variable	Variable	
93	4134 - Aspe	en, Spruce/	/Fir	Sapling We	II 26.3	37	1-50	N/A	4	Regeneration is doing great. Stand is just starting to transition into a
	Canopy Species	% Cover	Size Class	DBH Ag	e Sub-C	anopy Species	Density	Avg. Height	Size	pole stand.
	Balsam Fir	20	Sapling	5		Conifers	Medium	5 - 10 feet	5 - 10 feet	
	Quaking Aspen	60	Pole	4 37	*					
	Red Maple	5	Log	3						
	Paper Birch	5	Pole	4						
	White Spruce	10	Pole	4						
96	4130	- Aspen		Sapling We	II 29.4	2	Immature	N/A	4	
	Canopy Species	% Cover	Size Class	DBH Ag	e Sub-C	anopy Species	Density	Avg. Height	Size	Cut in winter of 2023/2024 as part of the Borgstrom Aspen (45-110-17) timber sale.
	Quaking Aspen	60	Log	1 2		Conifers	Medium	Variable	Variable	Try ambor sais.
	White Spruce	5	Log	1						_
	Red Maple	5	Log	1						
	Paper Birch	10	Log	1						
	Black Cherry	10	Log	1						

rt 7 – Stands

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Compartment: 162

Year of Entry: 2027

Stand	Level 4 Co	over Type		Size De	nsity	Acres	Stand Age	BA Range	Managed S	ite	General Comments
97	4134 - Aspe	en, Spruce/	Fir	Sawtimb	er Well	20.2	87	111-140	N/A		Drainage corridor for Borgstrom Creek. Steep banks down to the
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	stream. Good mixture of understory species with some maple, spruce, balsam fir, and tag alder along stream. Some mortality to the
	Paper Birch	5		8		Ta	ag Alder	Low	Variable	Variable	aspen.
Nor	thern White Cedar	5	Seedling	7		C	Conifers	High	Variable	Variable	
	White Spruce	20		9		Re	ed Maple	Low	Variable	Variable	
	Balsam Fir	10		8							
	Red Maple	10		10							
(Quaking Aspen	50		10	87						
104	6124 - Lowla	and Spruce	-Fir	Sapling	y Well	12.0	27	Immature	N/A		Stand was cut in 1998. Regeneration is doing good. Still sapling size diameters.
	Canopy Species	% Cover	Size Class	DBH	l Age						dameters.
(Quaking Aspen	10	Log	3	27						
	Balsam Poplar	10	Log	3							
	Paper Birch	10	Log	3							
	Black Cherry	5	Log	2							
	White Spruce	10	Log	2							
	Balsam Fir	15	Log	3							
	Red Maple	5	Log	2							
	Black Spruce	35	Log	3	27						
105	4134 - Aspe	en, Spruce/	Fir	Sapling	y Well	16.5	27	Immature	N/A		Stand was cut in 1998. Regeneration is doing really good.
	Canopy Species	% Cover	Size Class	DBH	l Age						
	Balsam Fir	20	Pole	4							
	White Spruce	10	Log	3							
	Bigtooth Aspen	10	Log	3							
(Quaking Aspen	50	Log	3	27						
	Paper Birch	10	Log	3							
107	622 - Low	vland Shrub	1	Noi	ne	5.5			No		Intermittent stream corridor with tag alder present. Buffer strip along
						Sub-Ca	nopy Species	Density	Avg. Height	Size	the stream. Beaver dam at pipeline R.O.W
						Ta	ag Alder	Low	5 - 10 feet	5 - 10 feet	
108	6124 - Lowla	and Spruce	-Fir	Poletimb	er Well	2.9	82	111-140	N/A		Small stand that has been left as a buffer along the creek and Borgstrom Road.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Dorganom road.
			C = = = := = =			Re	ed Maple	Low	Variable	Variable	
	Quaking Aspen	10	Seedling	8		110					
	Quaking Aspen White Pine	5	Seedling	12			Conifers	High	Variable	Variable	
			Seedling			C	<u> </u>	High Low	Variable Variable	Variable Variable	
	White Pine	5		12		C	Conifers				
	White Pine thern White Cedar	5	Seedling	12 6		C	Conifers				
	White Pine thern White Cedar Paper Birch	5 5 10	Seedling Seedling	12 6 7	82	C	Conifers				

Report 7 - Stands



Stand	Level 4 C	over Type		Size De	nsity	Acres	Stand Age E	A Range	Managed Si	te	General Comments
110	6130 - Fir,	Aspen, Ma	ole	Sapling	Well	17.0	15	Immature	N/A		Lower ground that seems to be drier than in past inventory entries. Good aspen regen in drier areas, with more conifer in wetter areas.
	Canopy Species	% Cover	Size Class	DBH	Age						Good aspen regerrin diler areas, with more confiler in wetter areas.
	Balsam Fir	20	Log	2							
	Quaking Aspen	40	Log	2	15						
	White Spruce	20	Log	1							
No	rthern White Cedar	5	Pole	3							
	Black Cherry	5	Log	2							
	Paper Birch	10	Log	2							
112	4191 - Mixed Upla Co	and Decidu onifer	ous with	Poletimb	er Well	24.1	52	51-80	N/A		Mackinac mix stand. Some areas of merchantable poles, mostly non-merchantable poles and saplings.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	opy Species	Density	Avg. Height	Size	
No	rthern White Cedar	5	Seedling	6		Co	onifers	High	Variable	Variable	
	Quaking Aspen	35	Sapling	6	52	Мар	le (spp.)	Medium	Variable	Variable	
	Balsam Fir	20	Sapling	5							<u>-</u>
	White Spruce	15	Sapling	5							
	Paper Birch	10	Sapling	5							
	Red Maple	10	Pole	4							
	Sugar Maple	5	Pole	4							
113	6117 - Lowland Con	Deciduous, iferous	, Mixed	Poletimb	er Poor	6.4	52	1-50	N/A		Intermittent stream corridor with tag alder present. Buffer strip along the stream.
	Canopy Species	% Cover	Size Class	DBH	Age		opy Species	Density	Avg. Height	Size	
	Black Cherry	5	Sapling	6		Ta	g Alder	Low	Variable	Variable	
	Yellow Birch	5		10							
	Sugar Maple	20	Sapling	5							
	Red Maple	20	Sapling	5							
	Quaking Aspen	25	Sapling	5	52						
	White Spruce	5	Seedling	8							
	Balsam Fir	15	Seedling	6							
	White Pine	5		12							
114	4319 - Mixed			Poletimb		9.4	33	1-50	N/A		Small pole sized aspen and balsam fir with some cherry, red maple ¬ and spruce.
	Canopy Species		Size Class		Age		opy Species		Avg. Height	Size	· ·
	White Pine	5	Seedling	8			le (spp.)	Low	Variable	Variable	
	Black Cherry	5	Sapling	5		Bal	sam Fir	High	Variable	Variable	
	Quaking Aspen	35	Sapling	5	33						
	White Spruce	10	Sapling	5							
	Balsam Fir	35	Sapling	5	33						
	Red Maple	10	Pole	4							



tand	Level 4 C	over Type		Size De	nsity	Acres	Stand Age B	A Range	Managed Si	ite	General Comments
115	4191 - Mixed Upla Co	and Decidu	ous with	Poletimb	er Well	13.4	52	51-80	N/A		Part of the Strickler Sale cut about in 1973. Mixture of species with aspen, maple, spruce, balsam fir, and some cherry. Understory is
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	balsam fir and maple. Some scattered areas of merchantable size, mostly non-merchantable poles and saplings.
	Sugar Maple	20	Sapling	5		Мар	ole (spp.)	Medium	Variable	Variable	mostry non-merchantable poles and sapilings.
	Red Maple	20	Sapling	5		Ва	lsam Fir	Medium	Variable	Variable	
	White Spruce	5	Seedling	8				<u> </u>	,		_
	Yellow Birch	2		10							
	Black Cherry	6	Sapling	5							
	White Pine	2		12							
	Balsam Fir	15	Seedling	6							
17	6139 - Mixed	Lowland Fo	orest	Sawtimb	er Well	29.5	105	51-80	N/A		Mackinac mix stand with ridges and swales. Mostly is birch, asper
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	balsam fir, and spruce with white pine on the ridges. Heavy mortal occurring within the stands. Very difficult access down a very stee
	Paper Birch	30		10	105	Ва	lsam Fir	Medium	Variable	Variable	slope. Some swale areas are real wet with tag alder.
	White Pine	15		12		Та	ıg Alder	Medium	5 - 10 feet	5 - 10 feet	
	Balsam Fir	20	Seedling	8					1		_
	Black Spruce	10	Sapling	6							
	White Spruce	10		10							
	White Spruce Quaking Aspen	10 15		10 12							
(Quaking Aspen				ne	11.0			No		
(Quaking Aspen	15		12	ne		nopy Species	Density	No Avg. Height	Size	
(Quaking Aspen	15		12	ne	Sub-Ca	nopy Species	Density Medium		Size Variable	
(Quaking Aspen	15		12	ne	Sub-Ca			Avg. Height		East Branch of Black River corridor with tag alder present and few trees along the edge. Buffer strip along the river. Very steep in are
118	Quaking Aspen	15 vland Shrub	0	12		Sub-Ca	onifers	Medium	Avg. Height Variable	Variable 5 - 10 feet	rees along the edge. Buffer strip along the river. Very steep in are Ridges and swales with some wet area. Could potentially harvest
 18 19	Quaking Aspen 622 - Lov	15 vland Shrub Jpland Con	0	Nor Sawtimb		Sub-Car C Ta	onifers ag Alder	Medium Low	Avg. Height Variable 5 - 10 feet	Variable 5 - 10 feet	trees along the edge. Buffer strip along the river. Very steep in are
118	Quaking Aspen 622 - Lov 429 - Mixed U	15 vland Shrub Jpland Con	o	Nor Sawtimb	er Well	Sub-Car C Ta 28.0 Sub-Car	onifers ag Alder 105	Medium Low 51-80	Avg. Height Variable 5 - 10 feet N/A	Variable 5 - 10 feet	rees along the edge. Buffer strip along the river. Very steep in are Ridges and swales with some wet area. Could potentially harvest
118	Quaking Aspen 622 - Lov 429 - Mixed U	15 Vland Shrub Jpland Con % Cover	o nifers	Nor Sawtimb	er Well	Sub-Cal 28.0 Sub-Cal	onifers ag Alder 105 nopy Species	Medium Low 51-80 Density	Avg. Height Variable 5 - 10 feet N/A Avg. Height	Variable 5 - 10 feet Size	rees along the edge. Buffer strip along the river. Very steep in are Ridges and swales with some wet area. Could potentially harvest
118	Quaking Aspen 622 - Lov 429 - Mixed U Canopy Species thern White Cedar	Jpland Con Cover 10	o nifers	Nor Sawtimb DBH	er Well	Sub-Car C Ta 28.0 Sub-Car Ba	onifers ag Alder 105 nopy Species Isam Fir	Medium Low 51-80 Density High	Avg. Height Variable 5 - 10 feet N/A Avg. Height Variable	Variable 5 - 10 feet Size Variable	rees along the edge. Buffer strip along the river. Very steep in are Ridges and swales with some wet area. Could potentially harvest
I18	Quaking Aspen 622 - Lov 429 - Mixed U Canopy Species thern White Cedar White Pine	Jpland Con **Cover* 10 35	nifers Size Class Seedling	Sawtimb DBH 6 12	er Well	Sub-Car C Ta 28.0 Sub-Car Ba Blac	onifers ag Alder 105 nopy Species Isam Fir ck Spruce	Medium Low 51-80 Density High Low	Avg. Height Variable 5 - 10 feet N/A Avg. Height Variable 5 - 10 feet	Variable 5 - 10 feet Size Variable 5 - 10 feet	rees along the edge. Buffer strip along the river. Very steep in are Ridges and swales with some wet area. Could potentially harvest
118	Quaking Aspen 622 - Lov 429 - Mixed U Canopy Species thern White Cedar White Pine Red Maple	Jpland Con **Cover** 10 35 10	nifers Size Class Seedling	12 Nor	er Well	Sub-Car C Ta 28.0 Sub-Car Ba Blac	nonifers ag Alder 105 nopy Species Isam Fir ck Spruce ag Alder	Medium Low 51-80 Density High Low Low	Avg. Height Variable 5 - 10 feet N/A Avg. Height Variable 5 - 10 feet Variable	Variable 5 - 10 feet Size Variable 5 - 10 feet Variable	rees along the edge. Buffer strip along the river. Very steep in are Ridges and swales with some wet area. Could potentially harvest
118	Quaking Aspen 622 - Lov 429 - Mixed U Canopy Species thern White Cedar White Pine Red Maple Red Pine	15 Vland Shruk Upland Con ** Cover 10 35 10 10	o size Class Seedling Sapling	12	er Well	Sub-Car C Ta 28.0 Sub-Car Ba Blac	nonifers ag Alder 105 nopy Species Isam Fir ck Spruce ag Alder	Medium Low 51-80 Density High Low Low	Avg. Height Variable 5 - 10 feet N/A Avg. Height Variable 5 - 10 feet Variable	Variable 5 - 10 feet Size Variable 5 - 10 feet Variable	rees along the edge. Buffer strip along the river. Very steep in are Ridges and swales with some wet area. Could potentially harvest



Stand	Level 4 C	over Type		Size Density	Acres	Stand Age B	A Range	Managed Si	te	General Comments							
124	42220 - Na	ural Jack P	ine	Poletimber Wel	7.7	85	111-140	N/A		Small jack pine stand on south and north side of US -2 highway to							
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	anopy Species	Density	Avg. Height	Size	leave for aesthetics.							
	Red Pine	10		10	Ва	alsam Fir	High	Variable	Variable								
	White Pine	10		12			,			_							
	Jack Pine	70	Seedling	8 85													
	Red Maple	5	Seedling	7													
	Quaking Aspen	5	Seedling	8													
125	710 - \$	Sand, Soil		None	4.0			No		Lake Michigan beach and sand dune.							
402	310 - Herbad	eous Open	land	None	11.9			No		Previous Notes: Opening on the south side of the pipeline. Some							
					Sub-Ca	anopy Species	Density	Avg. Height	Size	aspen and maple encroaching into the opening. Has a few apple trees present. See locked comments box.							
						pen (spp.)	Medium	Variable	Variable	prosont. See locked comments box.							
						iple (spp.)	Low	>20 feet	>20 feet								
													hite Pine	Low	>20 feet	>20 feet	
404	310 - Herbad	eous Open	land	None	6.6			No		Enbridge Oil Pipeline and Cloverland Electric powerline row with the pipeline on north side and transmission line on south side. Mostly grass with some blueberry, raspberry and trees encroaching. Pipeline and transmission electric row is maintained mechanically and with herbicide applications under the specifications of the land use permit.							
409	310 - Herbad	eous Open	land	None	1.8			No		Great Lakes Gas pipeline r.o.w. opening. Maintained by mechanical cherbicide applications according to the land use permit specifications. Beaver dam where lowland crosses r.o.w							
412	310 - Herbad	eous Open	land	None	3.1			No		Great Lakes Gas pipeline r.o.w. opening. Maintained by mechanical o herbicide applications according to the land use permit specifications.							
463	310 - Herbac	eous Open	land	None	1.2			No		Small opening from the old Timbercrest campground. Mostly still open							
					Sub-Ca	anopy Species	Density	Avg. Height	Size	with grasses with few balsam fir encroaching.							
					Ва	alsam Fir	Low	Variable	Variable								
					W	hite Pine	Low	Variable	Variable								
475	310 - Herbad	eous Open	land	None	1.9			Yes		Treat with stand 76 when harvested.							
480	310 - Herbad	eous Open	land	None	29.3			No		Enbridge Oil Pipeline and Cloverland Electric powerline row with the pipeline on north side and transmission line on south side. Mostly grass with some blueberry, raspberry and trees encrouching. Pipeline and electric transmission line are maintained with mechanical and herbicide applications under the specifications of the land use permit.							
492	310 - Herbad	eous Open	land	None	7.6			No		OPIC - FMD: Great Lakes Gas pipeline r.o.w. opening. Maintained by mechanical or herbicide applications according to the land use permit specifications.							