

## **Compartment Review Presentation**

**Crystal Falls Forest Management Unit** 

Compartment 12118 Entry Year: 2027 Acreage: 2,032 County: Iron Management Area: Way Dam Complex

## Stand Examiner: Ed Rice

## Legal Description:

T46N R32W sec 6, 8, 21, 22 T45N R32W sec 4, 8, 9, 17, 18, 19, 20

## **Identified Planning Goals:**

Optimize sustainable timber production while enhancing and protecting wildlife habitat. Continue to sustainably balance the aspen age class acres. Attempt to promote diversity in conifer species to minimize future spruce budworm impacts. Protect the riparian areas and transition zones during management activity.

## Soil and topography:

Stoney/sandy complex loams with sandy loam soil interspersed throughout. The bog and lowland areas consist of black much soils.

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

Within the compartment the ownership is contiguous state land. Surrounding the compartment are large blocks of industrial forest lands (CFA) and smaller parcels of non industrial private landowners. Timber management has been ongoing throughout the area.

## **Unique Natural Features:**

Loon have been observed on Deer Lake.

### Archeological, Historical, and Cultural Features:

None identified

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

Winter deer complex

## Watershed and Fisheries Considerations:

Deer River is a cold water trout stream. Bone Lake and a portion of Deer Lake are also in this compartment. Minimum buffers for lakes are 100 feet plus 5 feet per 1% increase of slope. Trout streams require a 300 foot buffer where aspen management is involved. Streams, regardless of their size or frequency of flow, are connected to downstream waters and strongly influence their function. Additionally, wetlands and open waters in riparian areas and floodplains are physically, chemically, and biologically integrated with rivers via functions that improve downstream water quality. These systems act as effective buffers to protect downstream waters from pollution and are essential components of river food webs. BMP's should be implemented to control sediment sources from adjacent uplands. Fine sediments such as silt and sand negatively affect natural reproduction of fish, decrease the diversity of aquatic invertebrate and fish taxa, and result in lower overall fish populations.

#### Wildlife Habitat Considerations:

This compartment is primarily important as a north-south corridor between Shank Lake Deeryard and the Deer Lake Deeryard. This area historically held an abundance of deer that the heavily cut deeryard to the east used to hold. Much of the compartment is relatively young aspen, which is suitable for featured species grouse, deer, woodcock and bear. Lowlands are suitable habitat for snowshoes, bobcat, fisher, beaver, muskrat and otter. Current winter deer use is very limited.

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

Surface sediments consist of coarse-textured till and glacial outwash sand and gravel and post-glacial alluvium. There is insufficient data to determine the glacial drift thickness (greater than 100 feet in places). Intrusive igneous rocks and the Proterozoic Hemlock Formation underlie the glacial drift. The Hemlock does not have a current economic use. Abandoned iron mines are located six miles to the southwest, part of the Western Menominee Iron Range. This compartment was previously leased for metallic exploration and potential may exist. The nearest gravel pit is one mile to the north, but there should be some potential in the compartment. There is no economic oil and gas production in the UP.

## Vehicle Access:

Good to fair, the Deer Lake Road runs through the middle of the compartment and is an improved gravel county road.

## **Survey Needs:**

T45N R32W sec 4W1/16SW1/16W1/16 sec 4, 9

## **Recreational Facilities and Opportunities:**

Deer Lake State Forest Campground and Boat Access Site is located within the compartment.

### **Fire Protection:**

Much of this compartment holds an extremely heavy spruce/fir component. This high fuel loading combined with recent spruce budworm lends to potential for a large fire. Given the alignment of weather conditions and fuel, a fire on such a day will pose extremely problematic to control efforts. For the uplands, access is generally good, however there are large expanses of bog that would pose access problems. Water sources are plentiful.

## **Additional Compartment Information:**

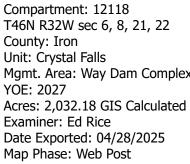
The following reports from the Inventory are attached: Total Acres by Cover Type and Age Class Cover Type by Harvest Method Proposed Treatments – No Limiting Factors Proposed Treatments – With Limiting Factors Stand Details (Forested and Nonforested) Dedicated and Proposed Special Conservation Areas Site Condition Details

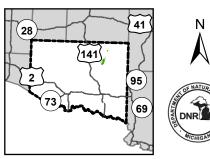
The following information is displayed, where pertinent, on the attached compartment maps: Base feature information, stand boundaries, cover types, and numbers Proposed treatments

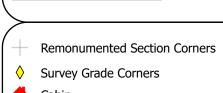
Site condition boundaries

Details on the road access system

# Cover Type &



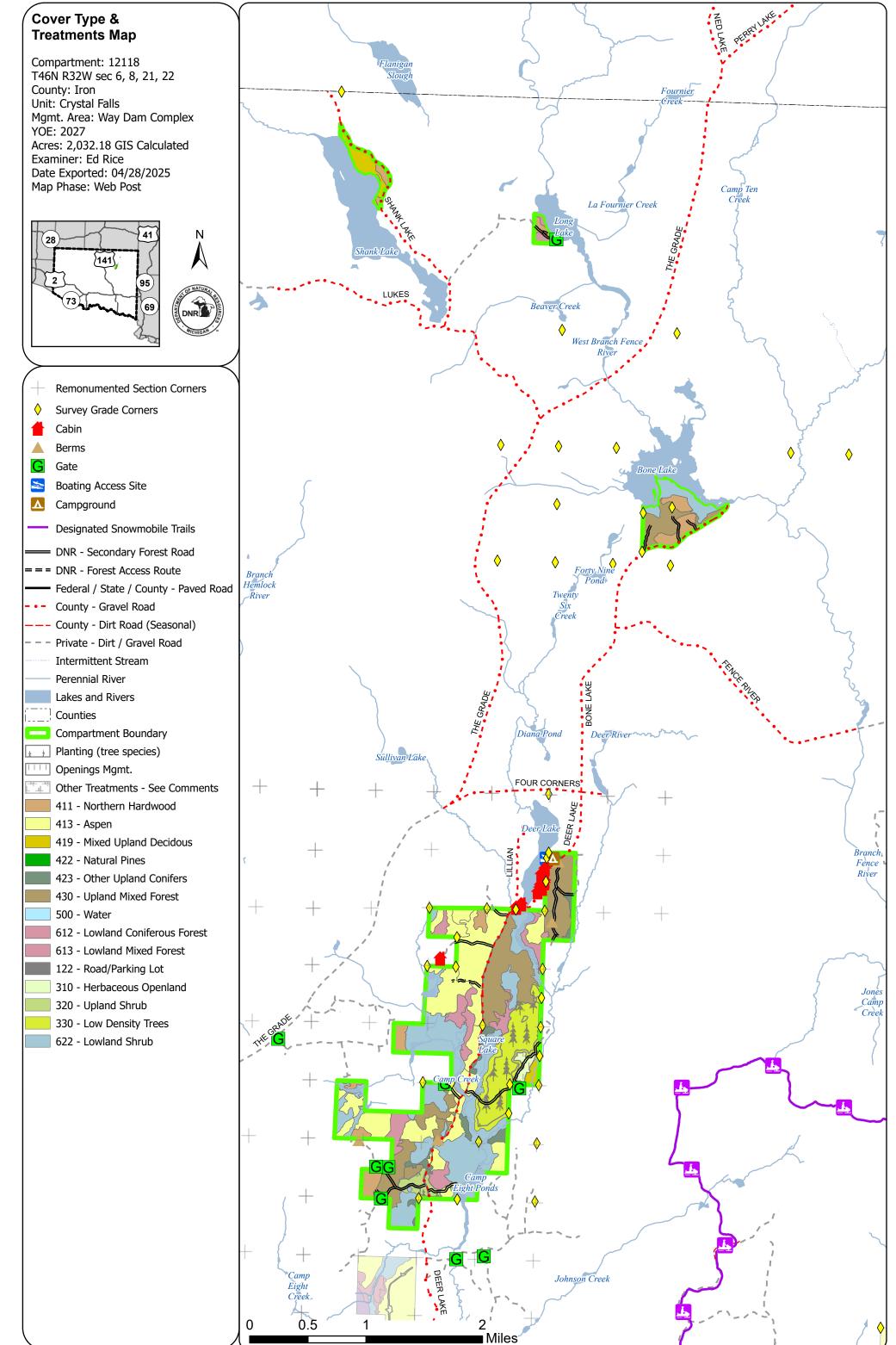


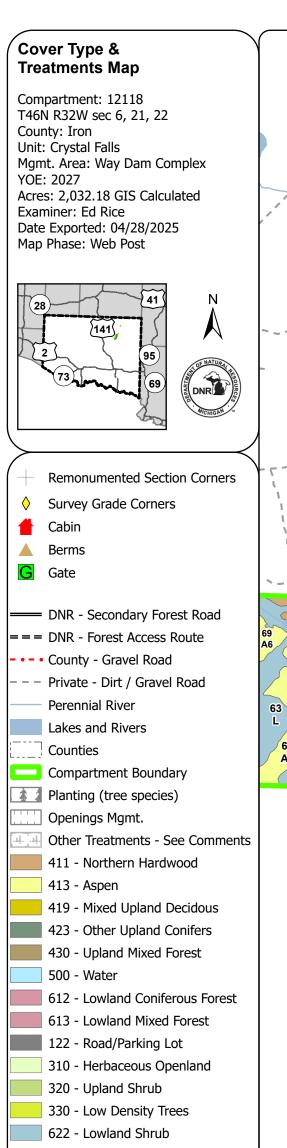


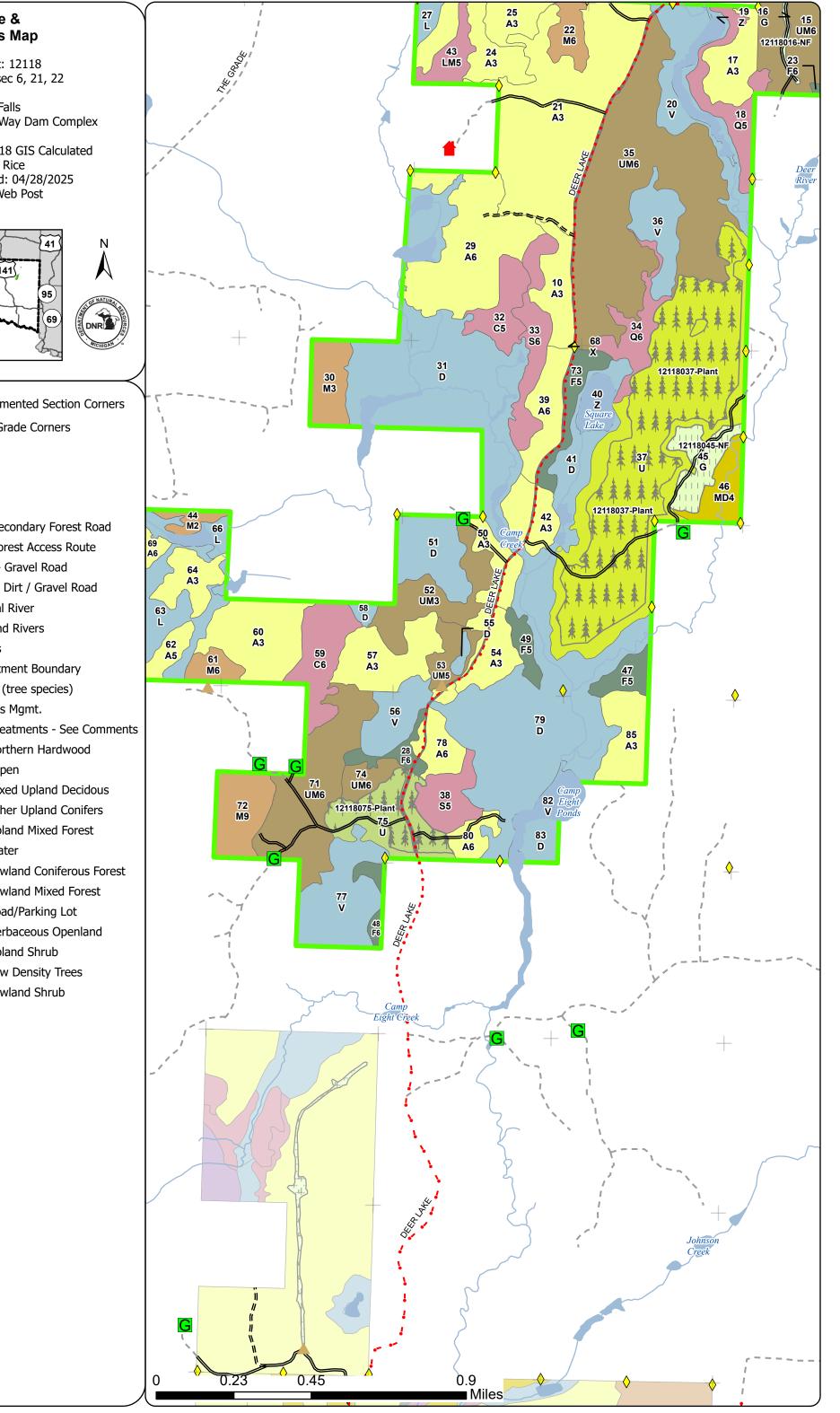


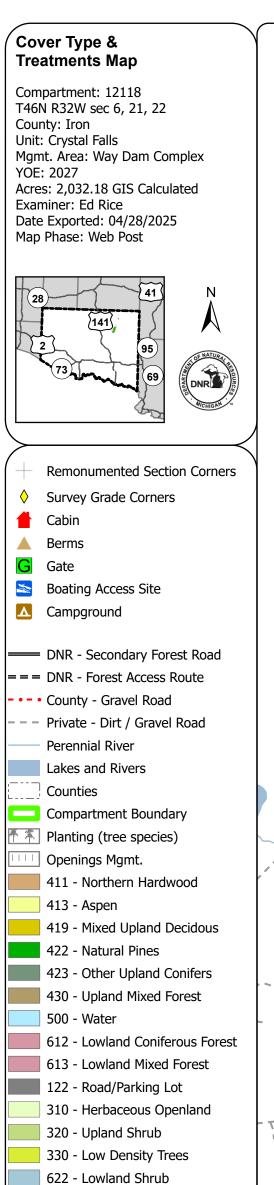
- Campground
- DNR Secondary Forest Road

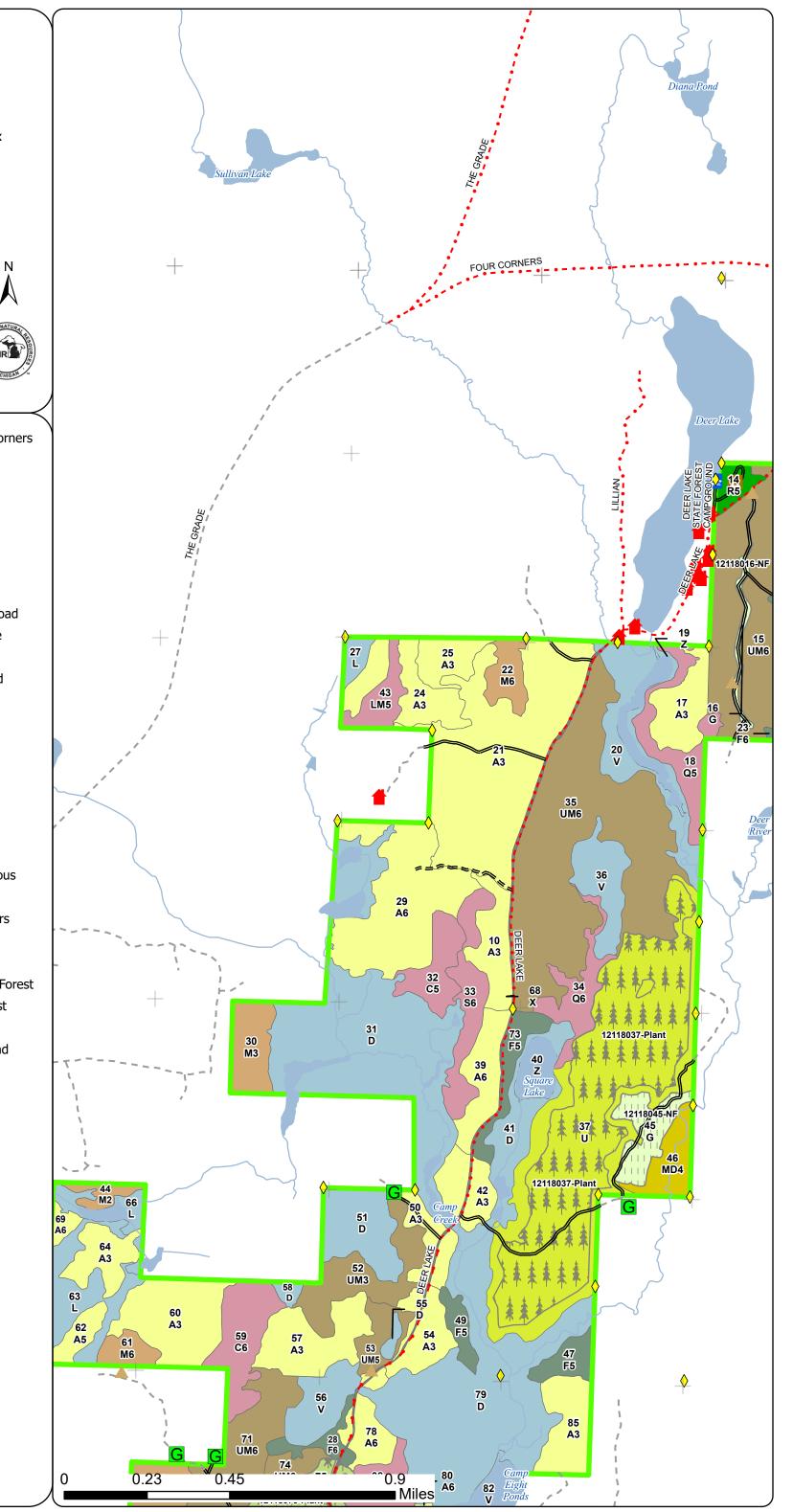
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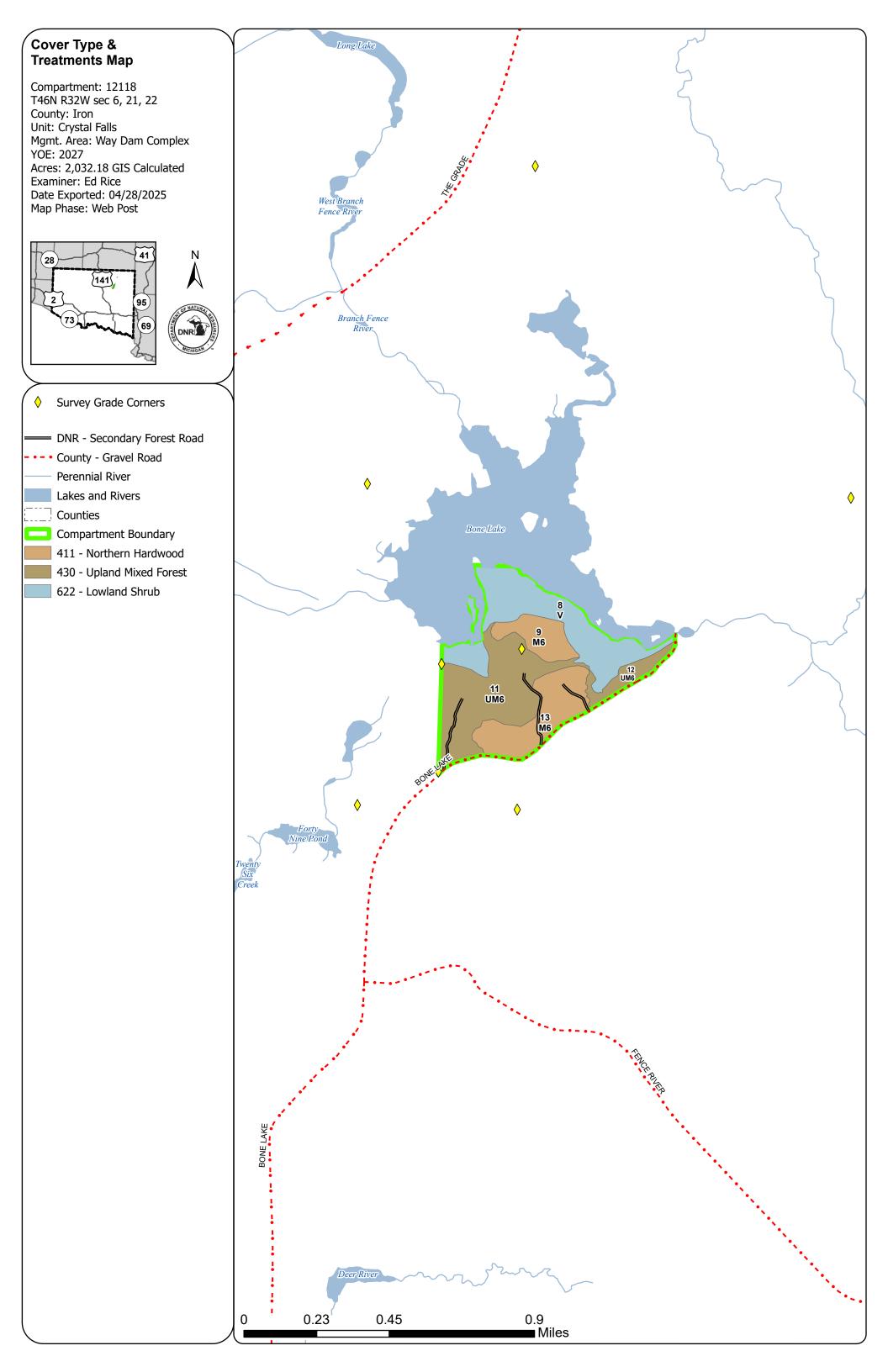


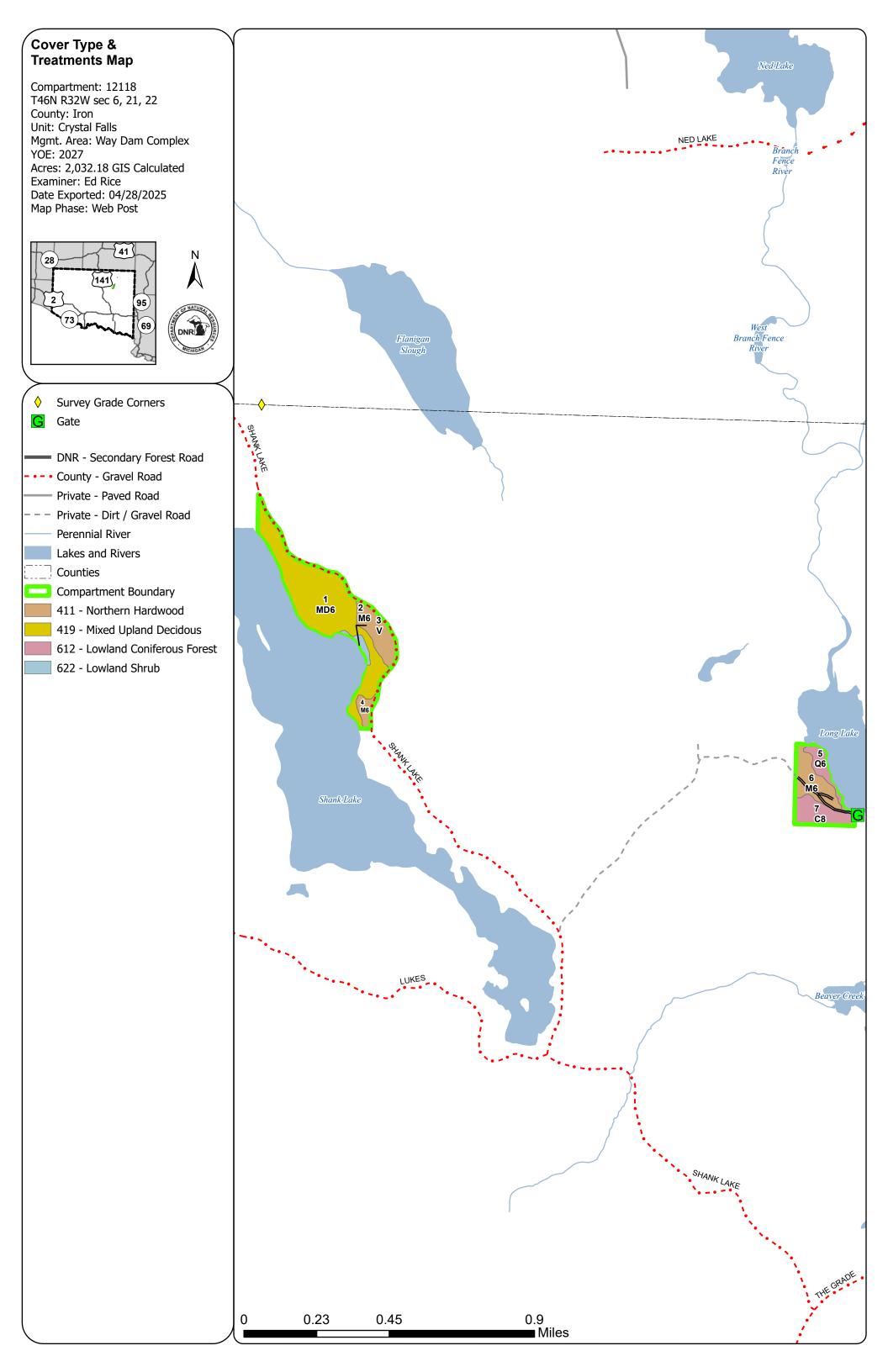




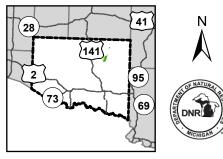




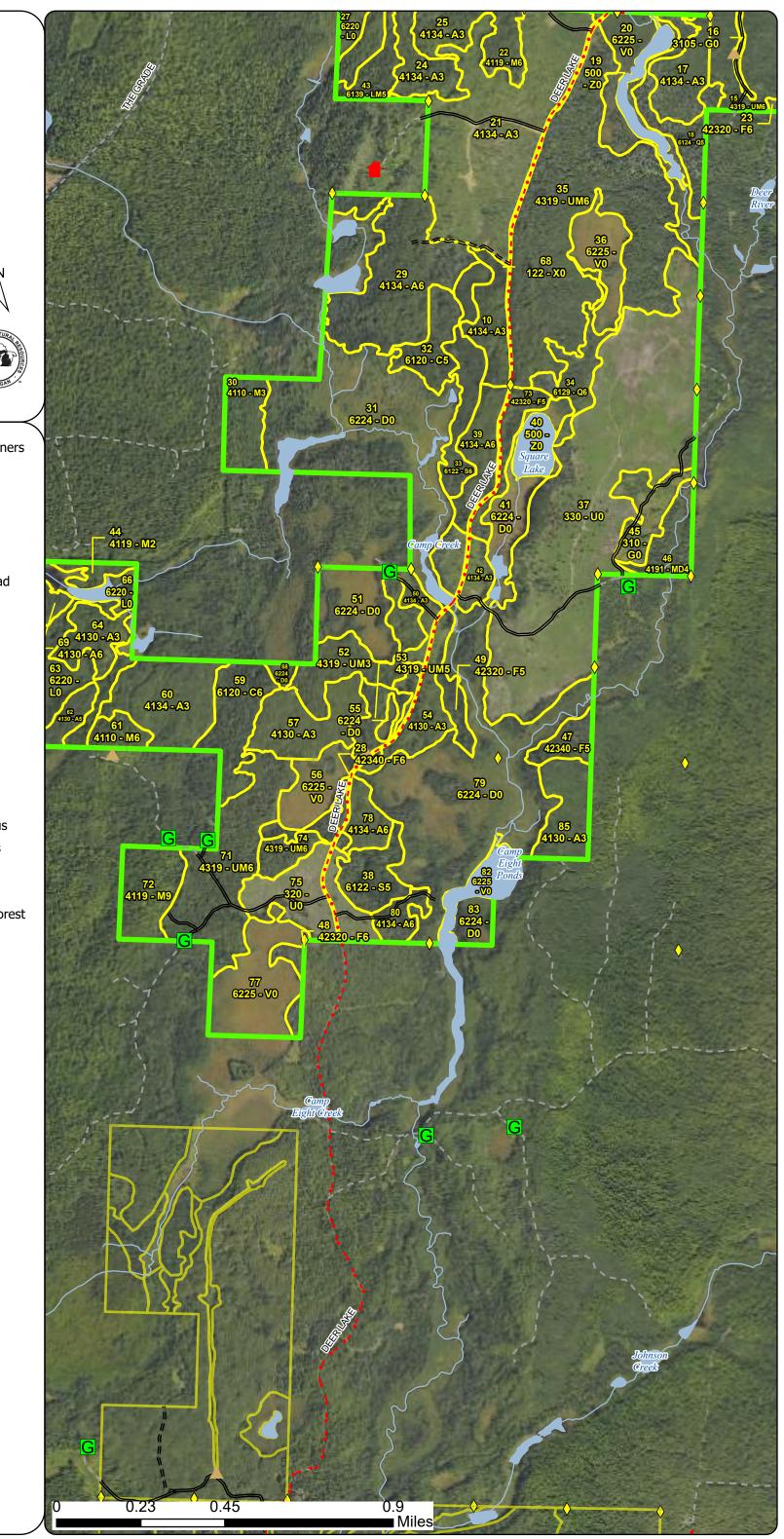




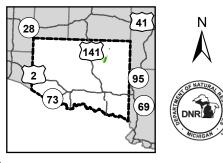
Compartment: 12118 T46N R32W sec 6, 21, 22 County: Iron Unit: Crystal Falls Mgmt. Area: Way Dam Complex YOE: 2027 Acres: 2,032.18 GIS Calculated Examiner: Ed Rice Date Exported: 04/28/2025 Map Phase: Web Post



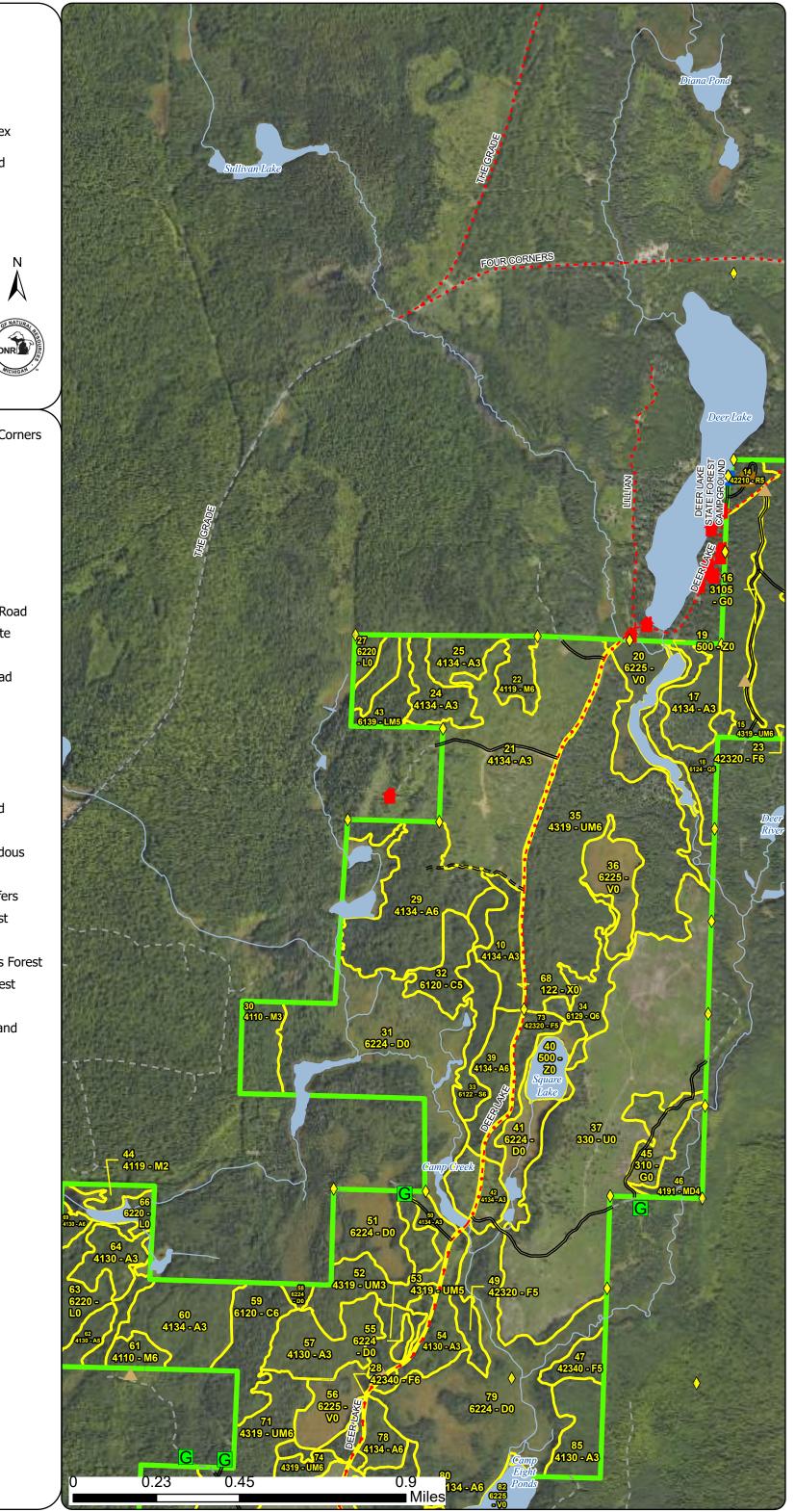
**Remonumented Section Corners**  $\diamond$ Survey Grade Corners Cabin Berms G Gate DNR - Secondary Forest Road DNR - Forest Access Route = = = • - • County - Gravel Road -- Private - Dirt / Gravel Road Perennial River Lakes and Rivers Counties Compartment Boundary Stand Outline 411 - Northern Hardwood 413 - Aspen 419 - Mixed Upland Decidous 423 - Other Upland Conifers 430 - Upland Mixed Forest 500 - Water 612 - Lowland Coniferous Forest 613 - Lowland Mixed Forest 122 - Road/Parking Lot 310 - Herbaceous Openland 320 - Upland Shrub 330 - Low Density Trees 622 - Lowland Shrub



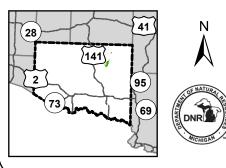
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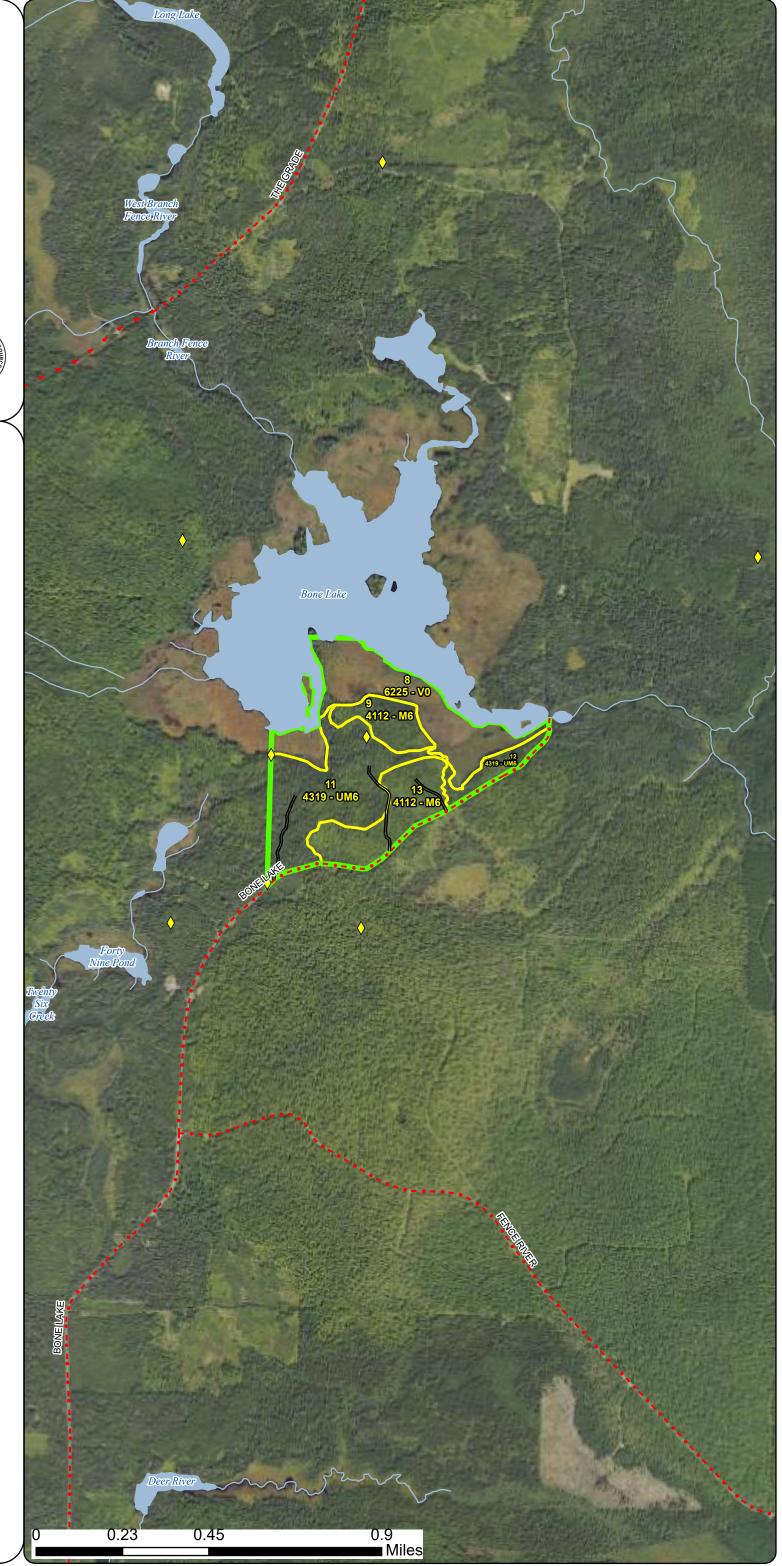
+	Remonumented Section Corners
$\diamond$	Survey Grade Corners
	Cabin
	Berms
G	Gate
	Boating Access Site
Δ	Campground
	DNR - Secondary Forest Road
	DNR - Forest Access Route
•-•	County - Gravel Road
	Private - Dirt / Gravel Road
	Perennial River
	Lakes and Rivers
	Counties
	Compartment Boundary
	Stand Outline
	411 - Northern Hardwood
	413 - Aspen
	419 - Mixed Upland Decidous
	422 - Natural Pines
	423 - Other Upland Conifers
	430 - Upland Mixed Forest
	500 - Water
	612 - Lowland Coniferous Forest
	613 - Lowland Mixed Forest
	122 - Road/Parking Lot
	310 - Herbaceous Openland
	320 - Upland Shrub
	330 - Low Density Trees
	622 - Lowland Shrub



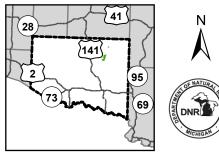
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Survey Grade Corners
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 Lakes and Rivers
 Counties
 Compartment Boundary
 Stand Outline
 411 - Northern Hardwood
 430 - Upland Mixed Forest
 622 - Lowland Shrub

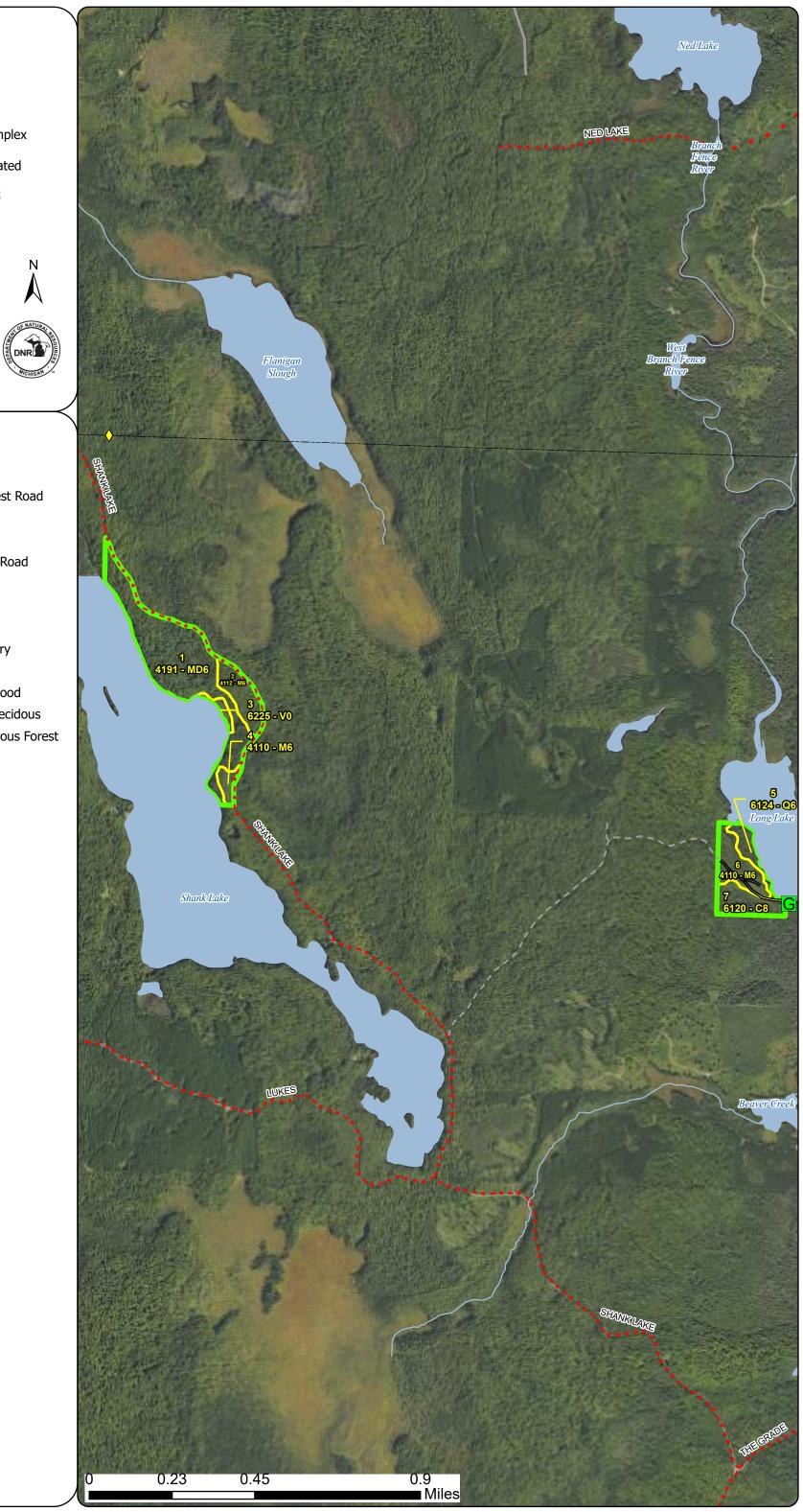


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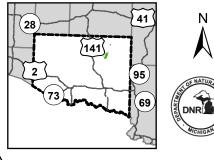
Survey Grade Corners
 Gate
 DNR - Secondary Forest Road
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 Perennial River
 Lakes and Rivers
 Counties
 Compartment Boundary
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 411 - Northern Hardwood

- 419 Mixed Upland Decidous
- 612 Lowland Coniferous Forest
- 622 Lowland Shrub



## Special Conservation Areas & Site Conditions Map

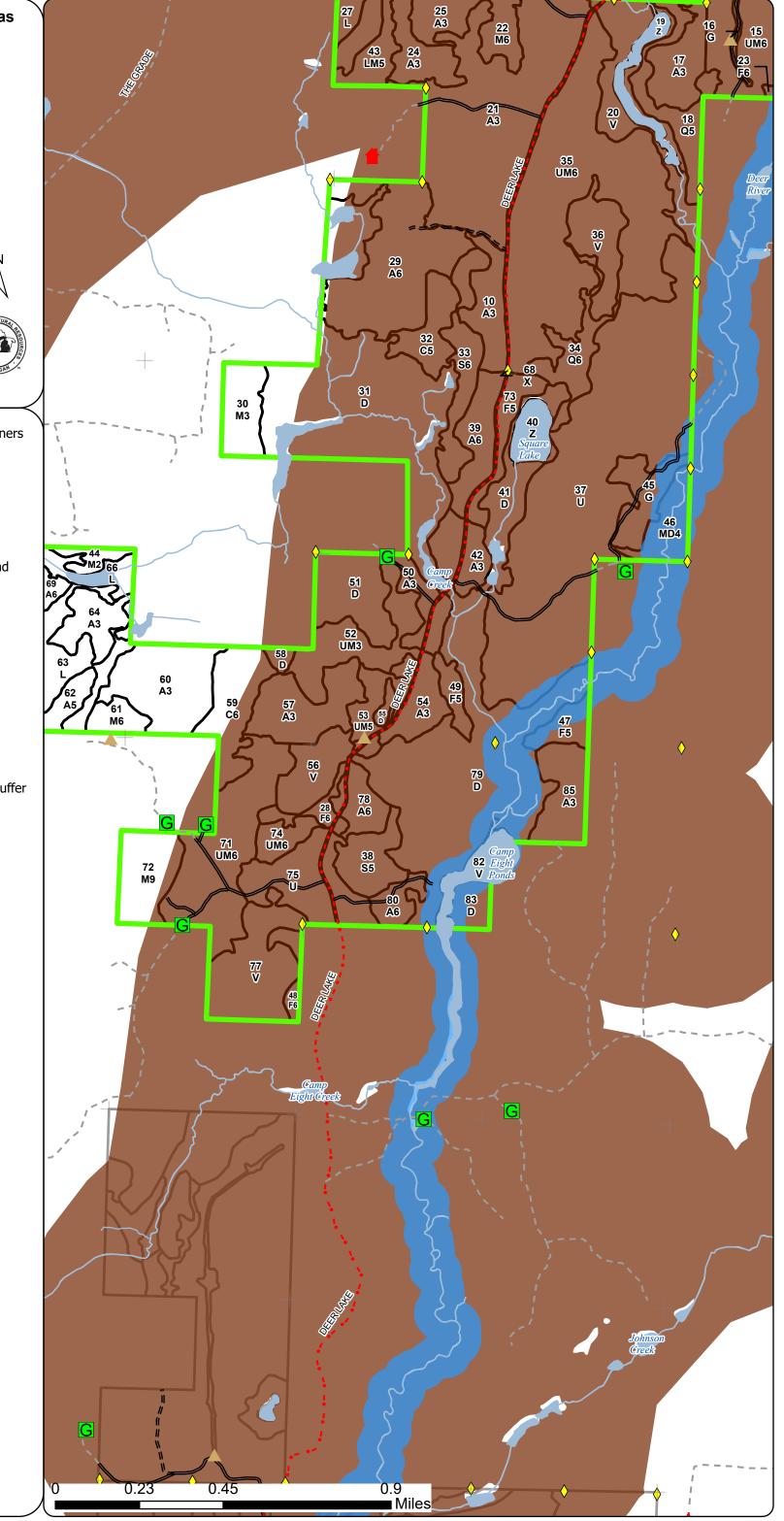
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- Remonumented Section Corners
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- Cabin
- 🔺 Berms
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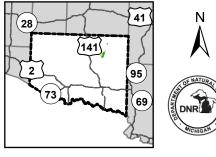
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Perennial River
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Compartment Boundary
Stand Boundaries
Cold Water Streams
High Priority Trout Stream Buffer

Deer Winter Range

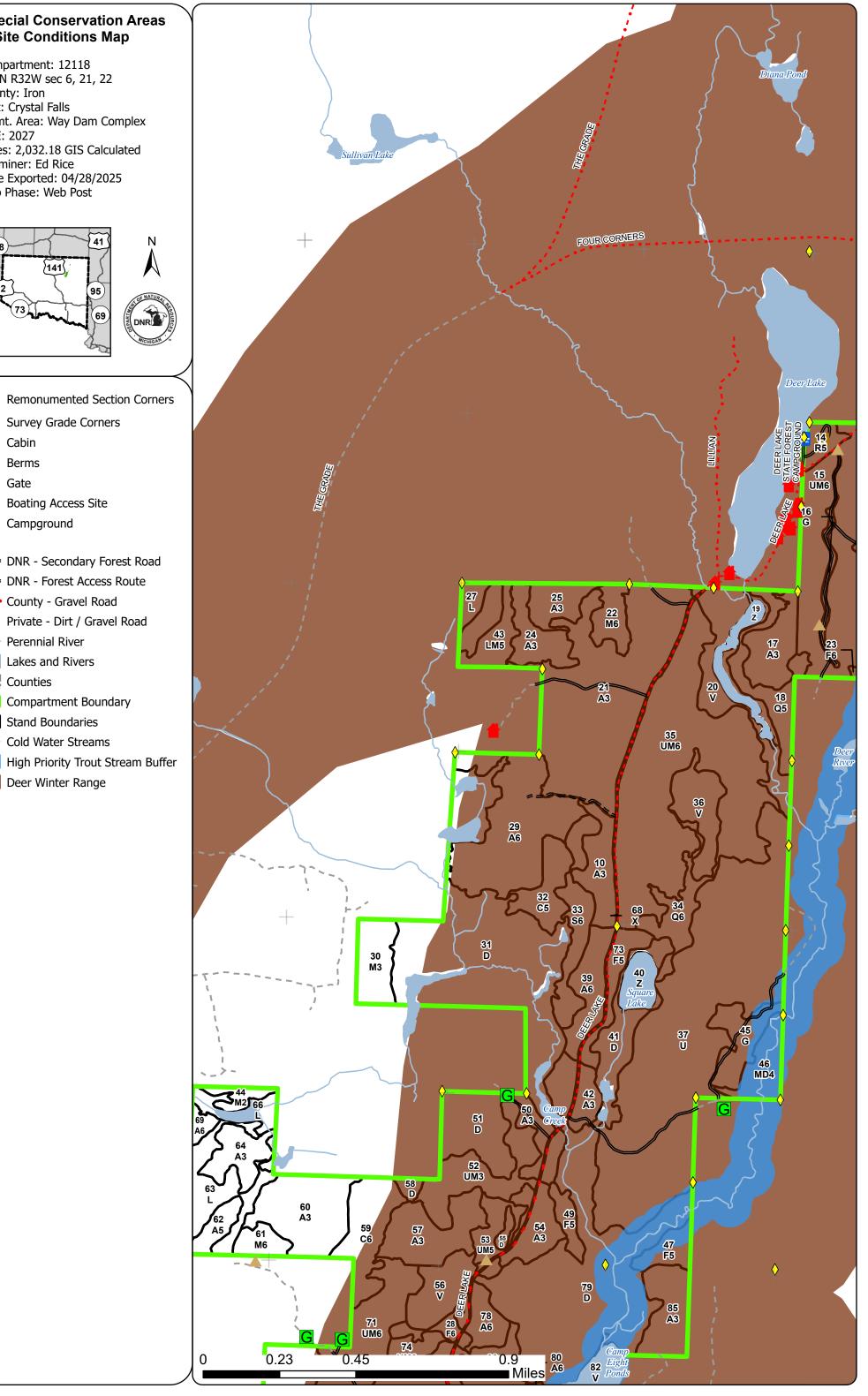


## **Special Conservation Areas** & Site Conditions Map

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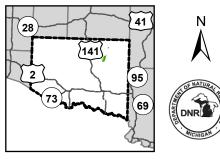


 $\diamond$ Survey Grade Corners Cabin Berms G Gate 2 **Boating Access Site** Δ Campground DNR - Secondary Forest Road = DNR - Forest Access Route County - Gravel Road Private - Dirt / Gravel Road -Perennial River Lakes and Rivers Counties **Compartment Boundary** Stand Boundaries Cold Water Streams High Priority Trout Stream Buffer

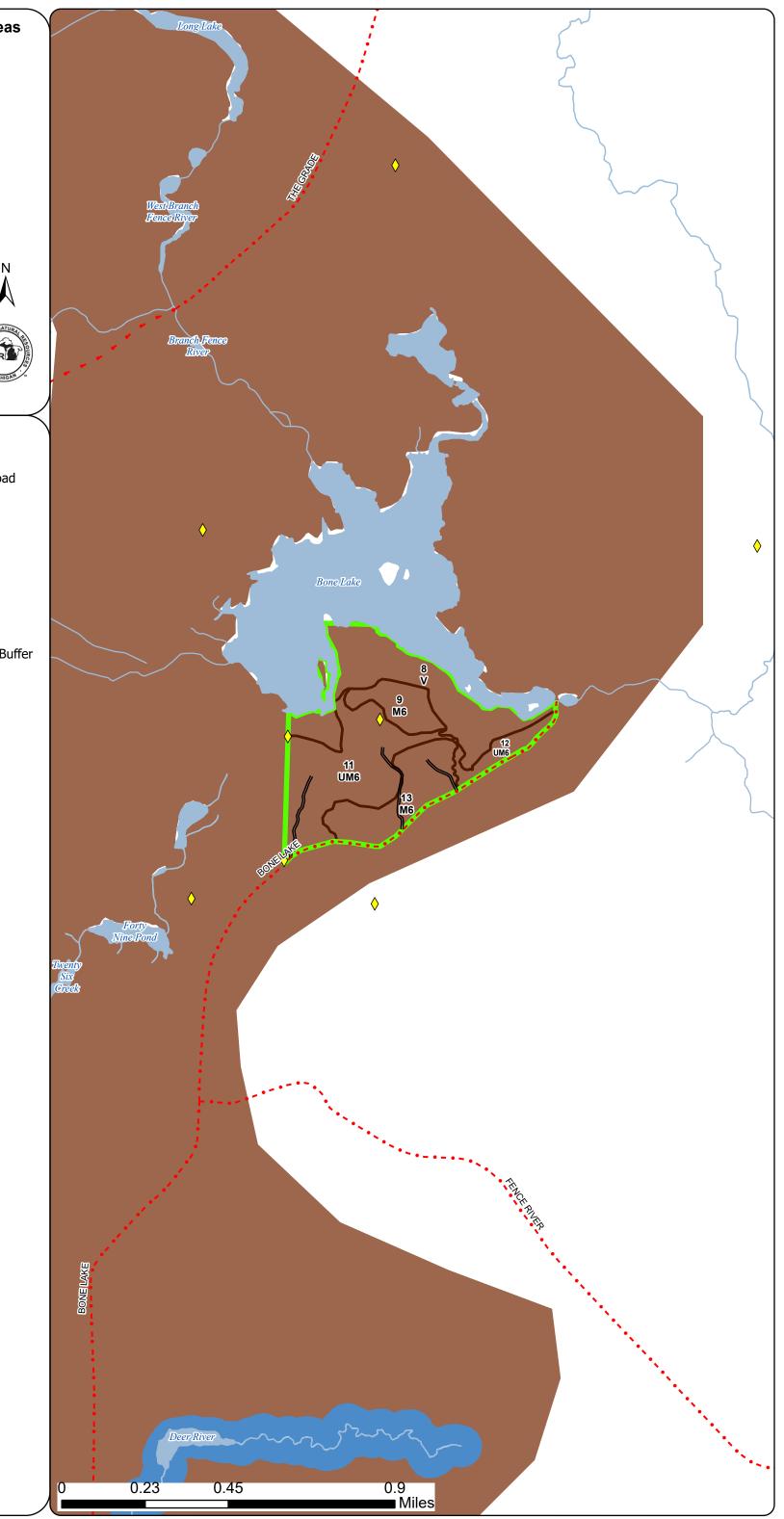


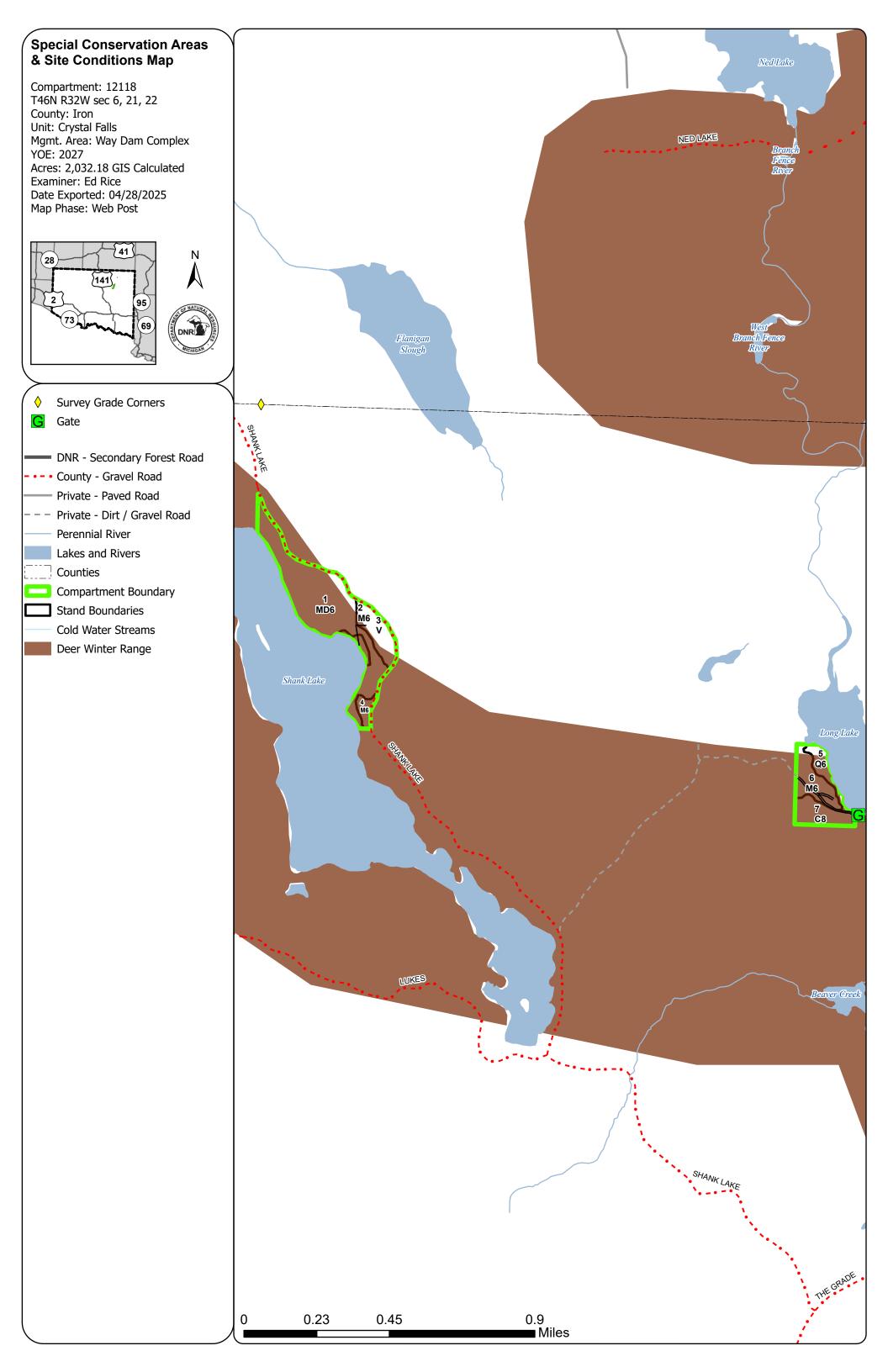
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- Survey Grade Corners
- DNR Secondary Forest Road
   County Gravel Road
   Perennial River
   Lakes and Rivers
   Counties
   Compartment Boundary
   Stand Boundaries
   Cold Water Streams
  - High Priority Trout Stream Buffer
    Deer Winter Range





## Report 1 – Total Acres by Cover Type and Age Class

Crystal Falls Mgt. Unit

## Ed Rice: Examiner

Compartment 118 Year of Entry 2027

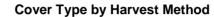


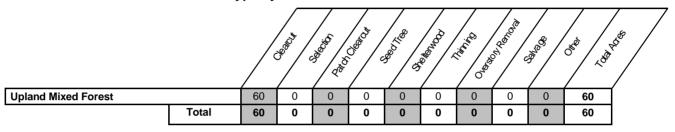
Age Class

	Hor	KO <sup>E</sup>	\$_~	01. 24		3 12	\$ \$	3		\$ \$	and	8	an an	Q. 4	87. 19	07. 19. 19. 19.	200 - 52	y June	Loto Loto
Aspen	0	139	41	141	45	74	0	0	0	0	0	0	0	0	0	0	0	0	439
Bog	173	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	173
Cedar	0	0	0	0	0	0	0	0	0	0	0	17	8	26	0	0	0	0	50
Herbaceous Openland	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23
Low-Density Trees	195	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	195
Lowland Conifers	0	0	0	0	0	5	0	17	21	0	0	0	0	0	0	0	0	0	43
Lowland Mixed Forest	0	0	0	0	0	11	0	0	0	0	0	0	0	0	0	0	0	0	11
Lowland Shrub	42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	42
Lowland Spruce/Fir	0	0	0	0	0	0	0	17	23	0	0	0	0	0	0	0	0	0	40
Mixed Upland Deciduous	0	0	0	0	0	0	15	40	0	0	0	0	0	0	0	0	0	0	55
Northern Hardwood	0	0	0	17	6	0	0	11	11	0	0	0	0	0	0	0	0	84	129
Red Pine	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	7
Treed Bog	317	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	317
Upland Mixed Forest	0	0	0	29	56	155	103	54	0	0	0	0	0	0	0	0	0	0	395
Upland Shrub	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	33
Upland Spruce/Fir	0	0	0	0	9	19	19	5	0	0	0	0	0	0	0	0	0	0	52
Urban	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
Water	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18
Total	810	139	41	187	116	264	144	144	55	0	0	17	8	26	0	0	0	84	2031



MICHIGAN SH	Crystal Falls Mgt. Unit Year of Entry: 2027	Acres of Harvest	Compartment 118 Total Compartment Acres: 2,032
		Commercial Harvest - 60	
		Harvests with Site Condition - 0	
		Next Step Harvest - 0	
		Habitat Cut - 0	





#### Proposed and Next Step Treatments by Method

		/.	ies is	Contraction of the second	O <sup>lin</sup> O,	O O	in o	A. Colicies	ini, Olivia	ONO NO	ピーズ	AND
Current		60	0	173	0	0	0	0	0	23	255	
Next Step		0	0	0	0	0	0	345	0	0	345	
	Total	60	0	173	0	0	0	345	0	23	600	

S t	С		Repor	t3 T	Freatments	Compartmen Year of Entry	DIR NATURAL PRODUCTS				
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
<u>oose</u>	ed Treatmer	<u>nts:</u>									
35	12118035-CC	60.04	1319 - Mixed Upland Forest	6	46	81-110	Harvest	Clearcut	42140 - Planted Mixed Pine	Planting Record	No
	cription Harves	st all aspen	, jack pine, spruce ar	nd balsam	fir trees	that are 4	.6" DBH and lar	ger. Retain all bla	ck cherry, paper bir	ch, red pine a	and white
Next	<u>cs:</u> pine. <u>Step</u> tments:									, I	
Treat	<u>Step</u> <u>tments:</u> eptable A mix	·	ne, red pine and scatt	ered aspe						, <b>,</b>	
<u>Next</u> <u>Trea</u> <u>Acce</u> <u>Rege</u> <u>Othe</u>	<u>Step</u> tments: eptable A mix en:	of white pir	ne, red pine and scatt	·	n accep	table.		-			
<u>Next</u> <u>Treat</u> <u>Acce</u> <u>Rege</u> <u>Othe</u> <u>Com</u>	<u>Step</u> <u>tments:</u> eptable A mix en: en: flat pla	of white pir		·	n accep	table.		-			

## Approved Treatments:

75	12118075- Plant	25.0 320 - Upland Shrub	99	Planting		42120 - Planted Jack Pine	Planting Record	No
Preso Spece	ription <u>s:</u>							
<u>Next</u> Treat	<u>Step</u> Monitorin <u>ments:</u>	g, Artificial Regen; Monitoring,	Artificial Regen (3yr)					
<u>Acce</u> <u>Rege</u>	<u>otable</u> jack pine <u>n:</u>							
<u>Other</u> Comr		o Treat = 100%						
Site C	Condition:							
Propo	osed Start Date:	10/01/2024						
45	12118045-NF	17.0 310 - Herbaceous Openland	99	NonForestMgt	Openings Mgmt.	310 - Herbaceous Openland	Previous Inventory	No
Preso Spece		ndition maintained by burning o	r mechanical treatment.					
<u>Next</u> Treat	<u>Step</u> ments:							
<u>Acce</u> <u>Rege</u>	<u>otable</u> n:							
<u>Other</u> Comr								
Site C	Condition:							
Propo	osed Start Date:	10/01/2016						

S

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### **Report 3 -- Treatments**

Compartment: 118 Year of Entry: 2027 DNR DNR R

t a										,	All 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
37 Presc Specs	12118037- Plant ription S:	147.6	330 - Low-Density Trees	99			Planting		4212 - Planted Jack Pine	Planting Record	No
	ments:	0	cial Regen; Monitorin	g, Artificia	l Regen	(3yr)					
Accer Reger	<u>otable</u> jack pi <u>n:</u>	ine, w pine	, r pine								
<u>Other</u> Comn		nt to Treat	= 100%								
Site C	Condition:										
Propo	sed Start Date	<u>e:</u> 10/01/2	2024								
16	12118016-NF	5.53	3105 - Mixed Upland Herbaceous	99			NonForestMgt	Openings Mgmt.	310 - Herbaceous Openland	Previous Inventory	No
Presc Specs		condition n	naintained by burning	or mecha	nical trea	atment.					
<u>Next S</u> <u>Treatr</u>	<u>Step</u> ments:										
<u>Accep</u> <u>Rege</u> i	<u>otable</u> n:										
<u>Other</u> Comn											
Site C	Condition:										
Propo	sed Start Date	<u>e:</u> 10/01/2	2016								
<b>.</b>	al Treatment										

Total Treatment 0 Acreage Proposed:

Compartment: 118 Year of Entry: 2027 DNR DNR FR

### Ed Rice: Examiner

## Availability for Management

Total	Acres	Acres Avail	Acres	Dominant Site Conditions						
Acres	Available	With Condition	Not Available		4A	2G	3H	3J	5D	5E
418	409	0	8	Aspen						8
173	173	0	0	Bog						
50	0	0	50	Cedar			26		24	
23	23	0	0	Herbaceous Openland						
15	0	0	15	Low-Density Trees						15
43	0	0	43	Lowland Conifers				26		17
11	0	0	11	Lowland Mixed Forest						11
42	42	0	0	Lowland Shrub						
40	0	0	40	Lowland Spruce/Fir		17			23	
54	0	0	55	Mixed Upland Deciduous				55		
128	95	9	25	Northern Hardwood	9			25		
1	0	0	1	Red Pine				1		
317	317	0	0	Treed Bog						
269	206	0	62	Upland Mixed Forest				54		9
6	0	0	6	Upland Shrub				6		
52	16	0	36	Upland Spruce/Fir				36		
9	9	0	0	Urban						
18	18	0	0	Water						
1,667	1,307	9	352	Total Forested Acres	9	17	26	201	47	60
	78%	1%	21%	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.

	Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Available	4A: No markets available for these forest products	9	Unspecified	Unspecified	Unspecified	Unspecified
_	comments: mall acreage and l	ow volume for timber sale in t	his remo	te stand.			

	-	ll Falls Mgt. Unit d Rice: Examiner		Report 4 – Site Condit	tions	Compartment: 118 Year of Entry: 2027	THE MAKENE
2	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	5	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
3	Unavailable	5E: Long-Term Retention	2	3J: Water quality/BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
	Comments:						
4	Unavailable	5D: Unproductive forest land	17	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
5	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	50	5F: Evaluated for Forest Health Considerations	Unspecified	Unspecified	Unspecified
	Comments:						
6	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	1	5E: Long-Term Retention	Unspecified	Unspecified	Unspecified
	Comments:						
7	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	68	Unspecified	Unspecified	Unspecified	Unspecified
	<b>Comments:</b> multiple vernal area	as throughout the stand make s	ale pr	eparation not feasible			

	_	l Falls Mgt. Unit d Rice: Examiner		Report 4 – Site Condi	tions	Compartment: 118 Year of Entry: 2027	DR. MATURAL
8	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	habitat is incompatible		Unspecified	Unspecified	Unspecified
	Comments: /ery good potential	for local deer using for winter r	range.	. SBW a minimal threat due to l	owland black spruce		
9	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	6	5E: Long-Term Retention	Unspecified	Unspecified	Unspecified
C	Comments:						
10	Unavailable	5D: Unproductive forest land	8	Unspecified	Unspecified	Unspecified	Unspecified
		land					
	Comments: small acre cedar st	and in remote area far from ma	rkets				
			rkets 1	Unspecified	Unspecified	Unspecified	Unspecified
s 11	small acre cedar st	and in remote area far from ma		Unspecified	Unspecified	Unspecified	Unspecified
s 11	small acre cedar st Unavailable	and in remote area far from ma		Unspecified Unspecified	Unspecified	Unspecified	Unspecified
s 11 C	small acre cedar st Unavailable Comments:	and in remote area far from ma 5E: Long-Term Retention	1			- -	
s 11 C	small acre cedar st Unavailable Comments: Unavailable	and in remote area far from ma 5E: Long-Term Retention	1			- -	

	_	l Falls Mgt. Unit d Rice: Examiner		Report 4 – Site Cor	nditions	Compartment: 118 Year of Entry: 2027	DR NATURAL CHILDREN
14	Unavailable	5E: Long-Term Retention	26	3J: Water quality/BMPs (stream, river, or lake)	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified
C	Comments:						
15	Unavailable	5E: Long-Term Retention	1	3J: Water quality/BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
C	Comments:						
16	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
17	Unavailable	5E: Long-Term Retention	3	3J: Water quality/BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
C	Comments:						
18	Unavailable	5D: Unproductive forest land	23	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
C	Comments:						
19	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	7	Unspecified	Unspecified	Unspecified	Unspecified
	<b>Comments:</b> general buffer to ac	ljacent lowlands and drainage.	very lo	ow productivity			

	_	l Falls Mgt. Unit d Rice: Examiner		Report 4 – Site Condi	tions	Compartment: 118 Year of Entry: 2027	DR ATOMIC
20	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	21	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	Unspecified	Unspecified	Unspecified
(	Comments:						
21	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	12	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						
22	Unavailable	5E: Long-Term Retention	11	3A: Conservation values incompatible with harvest at this time	Unspecified	Unspecified	Unspecified
(	Comments:						
23	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	5	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: stand is adjacent to	b bog, small acreage, and no ro	ad acc	cess through private			
24	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	12	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: stand adjacent to S	Square Lake and associated lov	vlands				
25	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	17	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						

	-	l Falls Mgt. Unit d Rice: Examiner		Report 4 – Site Co	nditions	Compartment: 118 Year of Entry: 2027	AT UNAL AND
26	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	15	Unspecified	Unspecified	Unspecified	Unspecified
-	omments: out stream buffer	removes most of stand					

#### 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

20

30

10

% Cover Size Class

Seedling

Size Density

Poletimber Well

DBH Age

65

9

9

8

Level 4 Cover Type

4191 - Mixed Upland Deciduous with

Conifer

**Canopy Species** 

Yellow Birch

Red Maple

Paper Birch

Stand

1

#### Report 7 – Stands

51-80

Density

Low

High

Low

Managed Site

Avg. Height

< 5 feet

10 - 20 feet

10 - 20 feet

N/A

Size

< 5 feet

10 - 20 feet

10 - 20 feet

Acres Stand Age BA Range

65

Sub-Canopy Species

White Pine

Balsam Fir

Sugar Maple

39.5

	Compartment: 118 Year of Entry: 2027	DNR DNR
General	I Comments	AMICHIGAN ST
2027 YOE: no change from be pine 24" dbh +. R maple is low ground pockets holding tag alo groves scattered throughout, e	w quality, stand interspersed der and minor amounts of ce	l with low edar. Hemlock
2017 YOE: scattered large he maple saplings.	mlock 24" +. S end of stand	d heavier to h

	Гарег Вітсті	10	Seeuling	0		Suya	i wapie	LOW	10 - 20 1661	10 - 20 1661	
	White Pine	10		26		White	Spruce	High	10 - 20 feet	10 - 20 feet	
	Balsam Fir	15	Sapling	6		Her	nlock	Low	< 5 feet	< 5 feet	
	White Spruce	10	Sapling	6							
2	4112 - Maple, Beec	h, Cherry A	ssociation	Poletimb	er Well	8.2	71	81-110	N/A	1	2017 YOE: scattered large hemlock 24" +. S end of stand heavier to h maple saplings.
	Canopy Species	% Cover	Size Class	5 DBH	Age	Sub-Cano	opy Species	Density	Avg. Height	Size	inapie sapilitys.
	Sugar Maple	50	Seedling	8	71	Suga	r Maple	Medium	10 - 20 feet	10 - 20 feet	
	Red Maple	30	Seedling	8							
	White Spruce	5		18							
	Hemlock	5		26							
	Yellow Birch	10	Seedling	8							
3	6225	5 - Bog		Unspe	cifed	1.8			No		tag alder/bog along Shank Lake
4	4110 - Sugar M	laple Assoc	ciation	Poletimb	er Well	2.6	74	81-110	N/A		2027 YOE: little change from 2017. 2017 YOE: well formed h maple
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Cano	opy Species	Density	Avg. Height	Size	poletimber and small sawtimber 6 - 12" dbh. widely scattered h maple saplings. minor component of upland cedar.
	Sugar Maple	80		9	74	Suga	r Maple	Low	5 - 10 feet	5 - 10 feet	
	Red Maple	5	Seedling	8							•
	Yellow Birch	5		10							
	Hemlock	10		14							
5	6124 - Lowla	and Spruce	-Fir	Poletimb	er Well	4.7	40	51-80	N/A		S end of stand is a narrow strip of high ground along Bone Lake. as
	Canopy Species	% Cover	Size Class	5 DBH	Age	Sub-Cano	opy Species	Density	Avg. Height	Size	ground knolls multiple springs and drainages in the lake.
	Black Spruce	20	Seedling	7		A	lder	Medium	5 - 10 feet	5 - 10 feet	
Ν	orthern White Cedar	30		14		Bals	am Fir	Full	10 - 20 feet	10 - 20 feet	
	Yellow Birch	10		9							
	Balsam Fir	40	Seedling	7	40						
6	4110 - Sugar M	laple Assoc	ciation	Poletimb	er Well	8.9	71	111-140	N/A		2027 YOE: little change from 20172017 YOE: very scattered upland cedar. good h maple saplings. areas of highly stocked poletimber.
	Canopy Species	% Cover	Size Class		Age	Sub-Cano	opy Species	Density	Avg. Height	Size	ceuar. yoou n maple sapilitys. areas of highly stocked poletimber.
	Yellow Birch	5		12		Suga	r Maple	High	10 - 20 feet	10 - 20 feet	
	Sugar Maple	85		9	71						
	Red Maple	10	Seedling	8							

## Report 7 – Stands

Compartment: 118 Year of Entry: 2027 DNR BURGEN

Stanc	d Level 4 C	over Type		Size De	nsity	Acres	Stand Age E	BA Range	Managed S	bite	General Comments
7	6120 - Lov	wland Ceda	r Sa	awtimber	Medium	n 7.7	115 U	Inspecified	N/A	A	interspersed open tag alder areas within the stand. no current
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	evidence of wintering deer.
	Tamarack	5	Seedling	8		Bals	am Fir	Medium	10 - 20 feet	10 - 20 feet	-
	Black Spruce	10	Seedling	7		Tag	Alder	Full	5 - 10 feet	5 - 10 feet	
No	orthern White Cedar	85		14	115						-
8	6225	5 - Bog		Unspec	ifed	54.3			No	)	floating leatherleaf bog adjacent to Bone Lake. scattered, stunted b spruce
9	4112 - Maple, Beed	h, Cherry A	ssociation	Poletimbe	er Well	14.0	71	81-110	N/A	A	2027 YOE: little change from 20172017 YOE: very N edge of stand
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	has transitional conifers - spruce/fir 4-8" dbh.
No	orthern White Cedar	2		14		Black	Cherry	Medium	>20 feet	>20 feet	-
	Sugar Maple	30		8	71	Suga	r Maple	Medium	>20 feet	>20 feet	
	Red Maple	55		9	71	Red	Maple	Medium	>20 feet	>20 feet	
	Black Cherry	10		10		Yello	w Birch	Low	>20 feet	>20 feet	
	Yellow Birch	3	Seedling	7							-
10	4134 - Aspe	en, Spruce/I	Fir	Poletimbe	er Well	17.7	27	Immature	N/A	A	very dense fir sapling/small poletimber mixed with aspen. fir
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	regeneration is so thick, anticipate growth stunting common to this general area. r pine scattered throughout. very widely scattered w birch
	White Spruce	10	Pole	4		Bals	am Fir	Full	10 - 20 feet	10 - 20 feet	
	Red Pine	5		12		White	Spruce	Full	10 - 20 feet	10 - 20 feet	
	Balsam Fir	25	Pole	4							-
	Quaking Aspen	60	Pole	4	27						
11	4319 - Mixed	I Upland Fo	rest	Poletimbe	er Well	53.9	60	81-110	N/A	Ą	large amount of vernal areas mixed throughout this stand with tag alder
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	and b ash - very wet. N end of stand transitions to heavier stocking of f saplings and poletimber 4 - 6" dbh. small r maple M6 inclusion in W
	White Spruce	10		12	55	Hazelnu	t (Beaked)	Low	5 - 10 feet	5 - 10 feet	center of stand.
	Balsam Fir	35	Seedling	7		Bals	am Fir	High	10 - 20 feet	10 - 20 feet	
	Red Maple	10		9							-
	Paper Birch	5	Seedling	6							
	Quaking Aspen	40	Seedling	8	60						
12	4319 - Mixec	l Upland Fo	rest	Poletimbe	er Well	9.5	50	81-110	N/A	Ą	2027 YOE: per below2017 YOE: aspen 7 - 10" dbh with scattered
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	12" trees. associated r maple low quality. scattered 8" dbh fir. small M6 inclusion in center of stand
	Balsam Fir	55	Sapling	6	50	Honeysu	ickle (spp.)	Low	< 5 feet	< 5 feet	
No	orthern White Cedar	2		14		Bals	am Fir	Full	10 - 20 feet	10 - 20 feet	
	Red Maple	15		11							<u>.</u>
	Yellow Birch	3		8							
	TONOW BITOM	0		0							

## Report 7 – Stands

Compartment: 118 Year of Entry: 2027

DNF

Stand	Level 4 Co	ver Type		Size Density	Acres	Stand Age	BA Range	Managed S	lite	General Comments
13	4112 - Maple, Beech	n, Cherry A	ssociation	Poletimber We	II 30.1	72	81-110	N/A	A	good h maple regen. scattered rock knobs
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Black Cherry	3		9	Sug	ar Maple	High	10 - 20 feet	10 - 20 feet	
	Sugar Maple	50		9 72	Honey	suckle (spp.)	Low	< 5 feet	< 5 feet	
	Red Maple	45	Seedling	8	Ire	onwood	Medium	10 - 20 feet	10 - 20 feet	
	Yellow Birch	2		10						
14	42210 - Natu	ural Red Pi	ne P	oletimber Mediu	um 7.4	58	81-110	N/A	A	Deer Lake campground. good aspen sapling understory from previous
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	cut. well formed r pine. associated w birch/r maple
	White Spruce	5	Sapling	6	Qual	king Aspen	High	10 - 20 feet	10 - 20 feet	-
	Red Maple	10	Seedling	7						• •
	Paper Birch	20	Seedling	8						
	White Pine	5		20						
	Red Pine	60		9 58						
15	4319 - Mixed	Upland Fo	rest	Poletimber We	I 93.0	50	81-110	N/A	Ą	2027 YOE: Aspen very poor quality, 7" dbh with scattered 10" diameter trees. R pine/w pine growing in naturally along old hunter walking trail.
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	scattered low ground inclusions. SBW flagging on w spruce. 2017
	White Pine	5		12	Ba	lsam Fir	Full	10 - 20 feet	10 - 20 feet	YOE: aspen 4 - 7' dbh with scattered 8" trees. very dense fir
	Balsam Fir	20	Sapling	6	R	ed Pine	Low	10 - 20 feet	10 - 20 feet	saplings/small poletimber. midway along E side, inclusion with higher stocking of upland b spruce saplings/small poletimber. SBW damaged
	Red Pine	5	Seedling	8						tips. sand ground aspen - more suited towards pine.
	Black Spruce	15	Sapling	6						
	Quaking Aspen	55	Seedling	7 50						
16	3105 - Mixed Up	land Herba	iceous	Unspecifed	5.5			Ye	5	old hunter walking trail - edges in places growing into fir, spruce and w pine. has a berm out at Deer Lk Rd - illegal 4 wheelers use driving ove regularly.
17	4134 - Aspe	n, Spruce/I	Fir	Sapling Well	18.9	26	Immature	N/A	۹.	2027 YOE: scattered aspen just moving into small poletimber size class A3A42017 YOE: good mix of aspen and conifer. spruce/fir pockets
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	of poletimber 6 - 8" dbh
	Black Cherry	5	Log	2	Hazelr	ut (Beaked)	High	5 - 10 feet	5 - 10 feet	
	Balsam Fir	20	Sapling	5						
	White Spruce	15	Sapling	5						
	Quaking Aspen	60	Pole	4 26						
18	6124 - Lowla	nd Spruce-	Fir P	oletimber Mediu	ım 21.1	72 l	Jnspecified	N/#	Ą	very scattered aspen - cut off from past beaver activity. Iowlands
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species		Avg. Height	Size	adjacent to the Deer River with more upland in E part of stand
	White Pine	5		14	Ba	lsam Fir	High	10 - 20 feet	10 - 20 feet	
	Balsam Fir	40	Seedling	7 72	Blac	k Spruce	Medium	10 - 20 feet	10 - 20 feet	
	White Spruce	15		9	Hazelr	ut (Beaked)	Medium	5 - 10 feet	5 - 10 feet	
	Black Spruce	40	Seedling	7 72						-
19	500 -	Water		Unspecifed	8.5			Nc	)	Deer River slough as river comes out of Deer Lk.

## Report 7 – Stands

Compartment: 118 Year of Entry: 2027



Stand	Level 4 C	over Type		Size Density	Acres	Stand Age	BA Range	Managed S	lite	General Comments
20	622	6225 - Bog		Unspecifed	32.6			No	1	Deer River with open bog - leatherleaf with areas heavier to tag alder/willow. scattered stunted b spruce.
21	4134 - Asp	en, Spruce/	Fir	Sapling Well	107.6	5	Immature	N/A	A	cut in 2019. aspen saplings with pockets of spr/fir. scattered cherry, an
	Canopy Species	% Cover	Size Class	DBH Age						pine
	White Pine	5		20						
	Quaking Aspen	60	Log	1 5						
	Balsam Fir	20	Log	3						
	White Spruce	10	Log	4						
	Paper Birch	5	Seedling	8						
22	4119 - Mixed No	orthern Hard	lwoods	Poletimber Wel	10.8	65	51-80	N/A	٨	2027 YOE: rock ledge on N end. thick fir understory2017 YOE: very
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	s Density	Avg. Height	Size	dense spruce/fir
	Sugar Maple	20		12	Ba	alsam Fir	Full	10 - 20 feet	10 - 20 feet	+
	Red Maple	50		10 65	Re	ed Maple	Medium	10 - 20 feet	10 - 20 feet	
	Paper Birch	10		10	Wh	ite Spruce	Full	10 - 20 feet	10 - 20 feet	*
	Yellow Birch	5		11					1	- -
	Quaking Aspen	5		14						
	Balsam Fir	10	Sapling	6						
23	42320 - U	pland Spruc	e	Poletimber Wel	l 11.8	55	Unspecified	N/A	A .	2027 YOE: dense upland b spruce on sandy soils. scattered upland
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	s Density	Avg. Height	Size	tamarack. N end has small low ground inclusion leading into Deer Rive flowage. stand is transitional area to Deer River riparian. likely in the
	White Pine	5		12	R	ed Pine	Low	10 - 20 feet	10 - 20 feet	past, aspen was cut out by beaver leaving conifer to become
	Balsam Fir	20	Sapling	5	Ba	alsam Fir	Full	10 - 20 feet	10 - 20 feet	dominate.
	Tamarack	5	Sapling	6						
	Black Spruce	60	Sapling	5 55						
	Quaking Aspen	10	Seedling	7 50						
24	4134 - Asp	en, Spruce/	Fir	Sapling Well	24.1	25	Immature	N/A	A	2027 YOE: scattered aspen just moving into small poletimber size clas
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	s Density	Avg. Height	Size	A3A4F3. associated red maple saplings. 2017 YOE: Aspen saplings with pockets of fir. W. edge heavier to spruce/fir. small pockets of tag
	Balsam Fir	40	Pole	3	Ba	alsam Fir	High	10 - 20 feet	10 - 20 feet	alder with rock knobs throughout.
	Red Maple	10	Log	2						
	Quaking Aspen	50	Pole	3 25						
25	4134 - Asp	en, Spruce/	Fir	Sapling Well	12.6	30	81-110	N/A	A Contraction of the second se	2027 YOE: Mix of aspen, r maple. component of spruce/fir.
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	s Density	Avg. Height	Size	UM5A4A3
	Balsam Fir	10	Sapling	5		alsam Fir	High	10 - 20 feet	10 - 20 feet	
	White Spruce	10	Pole	4	Hazeln	ut (American)	Medium	5 - 10 feet	5 - 10 feet	
	Red Maple	40	Pole	4 30						
	Quaking Aspen	40	Pole	4 30						
	6220 A	Ider/Willow		Unspecifed	5.0			No		tag alder/willow into bog drainage. N end has small patch of cedar,

## Report 7 – Stands

Compartment: 118 Year of Entry: 2027

DNR

Stand	Level 4 Co	over Type		Size De	nsity	Acres	Stand Age B	A Range	Managed S	ite	General Comments		
28	42340 - Upla	and Spruce	e/Fir	Sapling	Well	7.0	40 U	nspecified	N/A	ι.	upland b spruce and fir throughout with pockets of dense spruce/fir. $\Box$ Aspen 1 - 4" dbh with scattered trees moving into 1 stick class. Stand		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	of very low quality for aspen forest type - 24 years old with an average		
	Black Spruce	40	Sapling	5		Hazeln	ut (Beaked)	Medium	5 - 10 feet	5 - 10 feet	dbh of 2".		
	Balsam Fir	50	Sapling	5	40	Bal	sam Fir	Medium	5 - 10 feet	5 - 10 feet			
	Quaking Aspen	10	Pole	2	36								
29	4134 - Aspe	en, Spruce	/Fir	Poletimb	er Well	62.0	47	81-110	N/A	ι.	w spruce is about 100% mortality from SBW. around all edges of the		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	stand higher stocked to spruce/fir are about completely dead. SW side of the stand transitions to upland b spruce/fir inclusion. upland b spruce		
	Balsam Fir	15	Sapling	5		Bal	sam Fir	High	>20 feet	>20 feet	is unaffected by SBW. overall the stand has approx 80% mortality on v		
	Quaking Aspen	60		9	47						spruce/fir.		
	White Pine	5		30									
	Black Cherry	5	Sapling	6									
	Black Spruce	10	Seedling	7									
	Paper Birch	5	Seedling	8									
30	4110 - Sugar M	laple Asso	ciation	Sapling	Well	17.3	25 l	mmature	N/A	۱.	2027 YOE: little change from 2017 YOE. very good h maple		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	saplings2017 YOE: very W edge has M9 with h maple and b cherry regen as stand transitions to more open sapling stand. Aspen/w spr		
	White Pine	2		16		Hazeln	ut (Beaked)	High	< 5 feet	< 5 feet	overstory has completely fallen out. Fantastic h maple sapling regen -		
	Black Cherry	5	Log	2						1	scattered stems nearing 1 stick poletimber		
	Sugar Maple	8		14									
	Sugar Maple	80	Log	3	25								
	Red Maple	3	Log	3									
	White Spruce	2	Seedling	8									
31	6224 - 1	Freed Bog		Unspe	cifed	126.9			No		large bog complex with multiple drainages and old beaver meadows. flooded in many areas. scattered pockets of b spruce and tamarack. associated tag alder		
32	6120 - Lov	wland Ceda	ar P	oletimbe	Medium	n 16.5	105 U	nspecified	N/A	۱.	small pockets of b spruce scattered throughout. stand mainly consists		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	cedar with interspersed open areas having tag alder		
	Tamarack	10	Seedling	6		Та	g Alder	High	5 - 10 feet	5 - 10 feet			
	Black Spruce	25	Seedling	6		Bal	sam Fir	Medium	10 - 20 feet	10 - 20 feet	1		
No	orthern White Cedar	65		10	105						<u>-</u>		
33	6122 - Bl	ack Spruce	9	Poletimb	er Well	22.8	70 U	nspecified	N/A	λ	good typical b spruce swamp - high stocking quickly transitions to lowe		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	quality bog soils. small amounts of cedar in the SW. small inclusion of purer tamarack 4 - 7" dbh in S end		
	Tamarack	5	Sapling	5	70	Bal	sam Fir	Low	5 - 10 feet	5 - 10 feet			
	Black Spruce	93	Seedling	6	70						-		
No	orthern White Cedar	2		12									

Crystal	Falle	Mat	Unit
Crystal	raiis	wgı.	Unit

## Report 7 – Stands

Compartment: 118 Year of Entry: 2027

Stanc	d Level 4 Co	over Type		Size Density	Acr	es Stand Age	BA Range	Managed S	ite	General Comments
34	6129 - Mixed Conif	erous Lowla	and Forest	Poletimber W	ell 17.	3 62	81-110	N/A	۱.	mixed lowland conifer, drainage between bogs/Square Lake
	Canopy Species	% Cover	Size Class	DBH Ag	e Sub	-Canopy Specie	s Density	Avg. Height	Size	
	Tamarack	40	Seedling	7 62		Tag Alder	Medium	5 - 10 feet	5 - 10 feet	-
	Black Spruce	30	Seedling	6						-
No	orthern White Cedar	30		10						
35	4319 - Mixed	l Upland Fo	prest	Poletimber W	ell 136	.1 46	81-110	N/A	۱.	2027 YOE: aspen appears to be growing extremely slow. w spruce/fir have been impacted by previous SBW, much of w spruce has died,
	Canopy Species	% Cover	Size Class	DBH Ag	Sub	-Canopy Specie	s Density	Avg. Height	Size	upland b spruce was unaffected.2017 YOE: stand cut in 1979 -
	White Spruce	20	Seedling	6		Balsam Fir	Full	10 - 20 feet	10 - 20 feet	extremely dense spruce/fir sapling understory - too dense. Aspen is 3
	Quaking Aspen	50	Seedling	7 46	,	White Spruce	Full	10 - 20 feet	10 - 20 feet	8" dbh with scattered 10 - 12" trees. areas purer to spruce/fir poletimi
	Balsam Fir	30	Seedling	5			1			<sup>1</sup> throughout. SBW affected stand summer 2014.
36	6225	5 - Bog		Unspecifed	20.	1		No		open leatherleaf bog with stunted b spruce saplings
37	330 - Low-I	Density Tre	pes	Sapling Poo	r 195	.3		No		2027 YOE: stand is open with small submerch upland b spruce/fir scattered. resprayed in 2023, to be replanted with j pine in 20252017 YOE: off site, sand ground aspen. Aspen very low quality, roughly 1 - sticks tall. open grown w spruce with upland b spruce and j pine. NW end heavier to upland b spruce, w spruce and j pine. Nice j pine along NE end 4 - 5 sticks tall. stand is semi open.
38	6122 - Bl	ack Spruce	9	Unspecifed	17.	1 60		N/A	۱.	$_{ m T}$ spruce, tamarack poletimber with tag alder thickets. small islands of
	Canopy Species	% Cover	Size Class	DBH Ag	e Sub	-Canopy Specie	s Density	Avg. Height	Size	aspen. N and E end transition towards the adjacent bog - trees are
	Tamarack	20	Seedling	6		Tag Alder	Medium	5 - 10 feet	5 - 10 feet	stunted and smaller diameter.
	Black Spruce	70	Sapling	6 60						
No	orthern White Cedar	10		10						
39	4134 - Aspe	en, Spruce/	/Fir	Poletimber W	ell 18.	5 38	Unspecified	N/A	۱.	very dense spruce/fir. N end of stand has small pockets, aspen 7-9" of
	Canopy Species	% Cover	Size Class	DBH Ag	Sub	-Canopy Specie	s Density	Avg. Height	Size	
	Balsam Fir	15	Pole	4		Balsam Fir	Full	5 - 10 feet	5 - 10 feet	
	Quaking Aspen	80	Seedling	6 38						
	White Spruce	5	Pole	4						
40	500 -	Water		Unspecifed	9.3	3		No		Square Lake
41	6224 - 1	Freed Bog		Unspecifed	22.	8		No		open marsh/bog. leatherleaf and swamp grass. creek drainage throughout stand with old beaver meadows
42	4134 - Aspe	en, Spruce/	/Fir	Sapling We	l 15.	8 6	Immature	N/A	λ	2027 YOE: per below2017 YOE: small pockets of submerch conifer
	Canopy Species	% Cover	Size Class	DBH Ag	Sub	-Canopy Specie	s Density	Avg. Height	Size	with young aspen saplings
	White Pine	5		12		Balsam Fir	Low	10 - 20 feet	10 - 20 feet	
	Balsam Fir	30	Log	1		White Spruce	Low	10 - 20 feet	10 - 20 feet	
	Quaking Aspen	65	Log	1 6	1					-

## Report 7 – Stands

Compartment: 118 Year of Entry: 2027

DNR

Stand	Level 4 C	over Type		Size De	nsity	Acres St	tand Age B	A Range	Managed S	ite	General Comments
43	6139 - Mixed	Lowland Fo	orest	Sapling	Well	11.4	40	51-80	N/A	<b>\</b>	2027 YOE: semi upland to lowland, wetter site. scattered aspen 10-1
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Cano	py Species	Density	Avg. Height	Size	dbh. tag alder drainage through west portion running N-S. S end has lowland black spruce inclusion. stand is not conducive to managemer
	Balsam Fir	5	Sapling	6		Balsa	m Fir	Medium	10 - 20 feet	10 - 20 feet	due to wet ground. has been reserved in the past for diversity also.
	Black Spruce	40	Seedling	6	40						-
	Red Maple	40	Seedling	7	40						
	White Pine	5		20							
	Yellow Birch	5		9							
	Quaking Aspen	5		12							
44	4119 - Mixed No	orthern Hard	dwoods	Unspe	cifed	5.6	35	1-50	N/A	۱.	2027 YOE: slight increase in diameter from 2017. very scattered asp
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Cano	py Species	Density	Avg. Height	Size	moving into small poletimber class2017 YOE: area clearcut in past. good h maple regen from seed source and stump sprouts. beaver ha
	Balsam Fir	5	Log	2		Hazelnut (	American)	High	5 - 10 feet	5 - 10 feet	cut off aspen regeneration adjacent to lowlands
	Quaking Aspen	10	Log	3				_		I	
	Black Cherry	5	Log	2							
	Sugar Maple	60	Log	2	35						
	Paper Birch	20	Log	2							
											bracken, grass and sweet fern. old, constructed wildlife openings that were once maintained.
46	4191 - Mixed Upl Co	and Deciduo onifer	ous with	Unspe	cifed	15.0	56	51-80	N/A		lowlands/floodplain adjacent to Deer River. swamp grass, tag alder. adjacent uplands to the E has spruce/fir/aspen.winter deer use.
46		onifer	ous with Size Class		cifed Age	15.0	56	51-80	N/A		lowlands/floodplain adjacent to Deer River. swamp grass, tag alder.
46	Ċo	onifer				15.0	56	51-80	N/A	Δ	lowlands/floodplain adjacent to Deer River. swamp grass, tag alder.
	Canopy Species	onifer <b>% Cover</b>	Size Class	DBH		15.0	56	51-80	N/A	λ	lowlands/floodplain adjacent to Deer River. swamp grass, tag alder.
	Canopy Species Balsam Fir	<b>% Cover</b> 30	Size Class	- DBH 7		15.0	56	51-80	N/A	,	lowlands/floodplain adjacent to Deer River. swamp grass, tag alder.
	Canopy Species Balsam Fir Quaking Aspen	% Cover           30           30           40	Size Class Sapling	<b>DBH</b> 7 9	<b>Age</b> 56			51-80	N/A N/A		lowlands/floodplain adjacent to Deer River. swamp grass, tag alder. adjacent uplands to the E has spruce/fir/aspen.winter deer use. 2027 YOE: high mortality on w spruce/fir from prior SBW. 2017
	Canopy Species Balsam Fir Quaking Aspen Red Maple	% Cover           30           30           40	Size Class Sapling /Fir Pc	DBH 7 9 8 Dletimber	<b>Age</b> 56	n 9.2					lowlands/floodplain adjacent to Deer River. swamp grass, tag alder. adjacent uplands to the E has spruce/fir/aspen.winter deer use. 2027 YOE: high mortality on w spruce/fir from prior SBW. 2017 YOE: edges towards river transition to lowland conifers and tag alder
47	Canopy Species Balsam Fir Quaking Aspen Red Maple 42340 - Upl	onifer % Cover 30 30 40 and Spruce,	Size Class Sapling /Fir Pc	DBH 7 9 8 Dletimber	Age 56	n 9.2	30 U py Species	nspecified	N/A		lowlands/floodplain adjacent to Deer River. swamp grass, tag alder. adjacent uplands to the E has spruce/fir/aspen.winter deer use. 2027 YOE: high mortality on w spruce/fir from prior SBW. 2017
47	Canopy Species Balsam Fir Quaking Aspen Red Maple 42340 - Upl Canopy Species	Notifer % Cover 30 30 40 and Spruce, % Cover	Size Class Sapling /Fir Po Size Class	DBH 7 9 8 Deletimber DBH	Age 56	9.2 Sub-Canop	30 U py Species	nspecified <b>Density</b>	N/A Avg. Height	Size	lowlands/floodplain adjacent to Deer River. swamp grass, tag alder. adjacent uplands to the E has spruce/fir/aspen.winter deer use. 2027 YOE: high mortality on w spruce/fir from prior SBW. 2017 YOE: edges towards river transition to lowland conifers and tag alder
47	Canopy Species Balsam Fir Quaking Aspen Red Maple 42340 - Upl Canopy Species Quaking Aspen	% Cover           30           30           40           and Spruce,           % Cover           20	Size Class Sapling /Fir Pc Size Class Seedling	DBH 7 9 8 Dletimber DBH 6	Age 56 Medium	9.2 Sub-Canop	30 U py Species	nspecified <b>Density</b>	N/A Avg. Height	Size	lowlands/floodplain adjacent to Deer River. swamp grass, tag alder. adjacent uplands to the E has spruce/fir/aspen.winter deer use. 2027 YOE: high mortality on w spruce/fir from prior SBW. 2017 YOE: edges towards river transition to lowland conifers and tag alder
47	Canopy Species Balsam Fir Quaking Aspen Red Maple 42340 - Upl Canopy Species Quaking Aspen Balsam Fir	K Cover           30           30           40           and Spruce,           K Cover           20           35	Size Class Sapling /Fir Pc Size Class Seedling Sapling	DBH 7 9 8 0letimber 0BH 6 5	Age 56 Medium	9.2 Sub-Canop	30 U py Species	nspecified <b>Density</b>	N/A Avg. Height	Size	lowlands/floodplain adjacent to Deer River. swamp grass, tag alder. adjacent uplands to the E has spruce/fir/aspen.winter deer use. 2027 YOE: high mortality on w spruce/fir from prior SBW. 2017 YOE: edges towards river transition to lowland conifers and tag alder
47	Canopy Species Balsam Fir Quaking Aspen Red Maple 42340 - Upl Canopy Species Quaking Aspen Balsam Fir White Spruce Black Spruce	Cover           30           30           40           and Spruce           20           35           5	Size Class Sapling /Fir Pc Size Class Seedling Sapling Sapling Pole	DBH 7 9 8 0letimber 0BH 6 5 5	Age 56 Medium Age 20 30	9.2 Sub-Canop	30 U <b>py Species</b> g Aspen	nspecified <b>Density</b>	N/A Avg. Height	<b>Size</b> 5 - 10 feet	lowlands/floodplain adjacent to Deer River. swamp grass, tag alder. adjacent uplands to the E has spruce/fir/aspen.winter deer use. 2027 YOE: high mortality on w spruce/fir from prior SBW. 2017 YOE: edges towards river transition to lowland conifers and tag alder mainly a spruce/fir stand. S 1/4 was cut with comp 119 in the past. upland b spruce poletimber 4 - 5 sticks tall. scattered areas of
47	Canopy Species Balsam Fir Quaking Aspen Red Maple 42340 - Upl Canopy Species Quaking Aspen Balsam Fir White Spruce Black Spruce	Kover           30           30           40           and Spruce,           20           35           5           40	Size Class Sapling /Fir Pc Size Class Seedling Sapling Sapling Pole	DBH 7 9 8 0letimber DBH 6 5 5 4 Poletimb	Age 56 Medium Age 20 30	n 9.2 Sub-Canop Quaking 5.3	30 U <b>py Species</b> g Aspen	nspecified Density Medium	N/A Avg. Height 5 - 10 feet	<b>Size</b> 5 - 10 feet	lowlands/floodplain adjacent to Deer River. swamp grass, tag alder. adjacent uplands to the E has spruce/fir/aspen.winter deer use. 2027 YOE: high mortality on w spruce/fir from prior SBW. 2017 YOE: edges towards river transition to lowland conifers and tag alder mainly a spruce/fir stand. S 1/4 was cut with comp 119 in the past.
47	Canopy Species Balsam Fir Quaking Aspen Red Maple 42340 - Upl Canopy Species Quaking Aspen Balsam Fir White Spruce Black Spruce 42320 - U	% Cover           30           30           40           and Spruce.           % Cover           20           35           5           40	Size Class Sapling /Fir Pc Size Class Seedling Sapling Sapling Pole	DBH 7 9 8 0letimber DBH 6 5 5 4 Poletimb	Age 56 Medium Age 20 30 er Well	n 9.2 Sub-Canop Quaking 5.3	30 U py Species g Aspen 64 U py Species	nspecified Density Medium	N/A Avg. Height 5 - 10 feet N/A	<b>Size</b> 5 - 10 feet	lowlands/floodplain adjacent to Deer River. swamp grass, tag alder. adjacent uplands to the E has spruce/fir/aspen.winter deer use. 2027 YOE: high mortality on w spruce/fir from prior SBW. 2017 YOE: edges towards river transition to lowland conifers and tag alder mainly a spruce/fir stand. S 1/4 was cut with comp 119 in the past. upland b spruce poletimber 4 - 5 sticks tall. scattered areas of
47	Canopy Species Balsam Fir Quaking Aspen Red Maple 42340 - Upl Canopy Species Quaking Aspen Balsam Fir White Spruce Black Spruce 42320 - U Canopy Species	% Cover           30           30           40           and Spruce,           % Cover           20           35           40           9           20           35           40	Size Class Sapling /Fir Pc Size Class Seedling Sapling Sapling Pole Pole	DBH 7 9 8 0 0 0 0 0 0 0 0 0 0 0 0 0	Age 56 Medium Age 20 30 er Well	n 9.2 Sub-Canoj Quaking 5.3 Sub-Canoj	30 U py Species g Aspen 64 U py Species m Fir	nspecified Density Medium nspecified Density	N/A Avg. Height 5 - 10 feet N/A Avg. Height	Size 5 - 10 feet Size	lowlands/floodplain adjacent to Deer River. swamp grass, tag alder. adjacent uplands to the E has spruce/fir/aspen.winter deer use. 2027 YOE: high mortality on w spruce/fir from prior SBW. 2017 YOE: edges towards river transition to lowland conifers and tag alder mainly a spruce/fir stand. S 1/4 was cut with comp 119 in the past. upland b spruce poletimber 4 - 5 sticks tall. scattered areas of

## Report 7 – Stands

Compartment: 118 Year of Entry: 2027



Stand	Level 4 C	Size Dens	ity	Acres	Stand Age	BA Range	Managed Si	ite	General Comments		
49	42320 - U	Poletimber Well		6.8 59 Uns		Jnspecified	N/A		2027 YOE: little change from 2017 YOE. stand is fairly stagnate, $\Box$ transition to lowlands. fairly high mortality on fir from prior SBW2017		
	Canopy Species	anopy Species % Cover Size Class		DBH A	ge	Sub-Ca	nopy Species	Density	Avg. Height	Size	VOE: thick spruce/fir in E "peninsula" with scattered w pine 8 - 14" dbh.
	Balsam Fir	10	Pole	4		Ba	lsam Fir	Full	5 - 10 feet	5 - 10 feet	some old windthrow pockets from 2005. small inclusions of lowland b
	White Pine	5		12							<sup>-</sup> spruce 6 - 8" dbh with tag alder/sphagnum. transition area from lowland to upland.
	Black Cherry	10	Seedling	7							to upland.
	Black Spruce	75	Sapling	6 5	59						
50	4134 - Asp	Sapling W	/ell	15.1	6	Immature	N/A		2027 YOE: good aspen regen with spruce/fir pockets2017 YOE: w		
	Canopy Species % Cover		Size Class	DBH A	ge	Sub-Ca	nopy Species	Density	Avg. Height	Size	component of w birch poletimber 6 - 8"dbh. aspen sprouting
	Balsam Fir	15	Log	1		Ba	lsam Fir	Medium	10 - 20 feet	10 - 20 feet	
	Black Spruce	10	Log	1		Blac	ck Spruce	Medium	10 - 20 feet	10 - 20 feet	-
	White Pine	5		14							-
	Quaking Aspen	70	Log	1	6						
51	6224 - 7	Treed Bog		Unspecife	ed	26.0			No		open marsh/bog. leatherleaf with stunted tamarack and b spruce
52	4319 - Mixeo	Sapling W	/ell	29.0	25	Immature	N/A		2027 YOE: Little change from 2017. very highly stocked fir, some		
	Canopy Species	% Cover	Size Class	DBH A	ge	Sub-Ca	nopy Species	Density	Avg. Height	Size	percentage of fir saplings. good aspen regeneration. buffer was left
	Balsam Fir	45	Pole	2		Ba	lsam Fir	Low	< 5 feet	< 5 feet	along NW edge to open bog - b spruce, aspen poletimber with small
	Quaking Aspen	55	Log	2 2	25	Hazelr	nut (Beaked)	Medium	< 5 feet	< 5 feet	bog inclusion.
53	4319 - Mixeo	oletimber M	edium	n 10.1 45		81-110	N/A		2027 YOE: SBW has removed mature white spruce from the stand. fir $_{\rm T}$ was impacted also. dense fir and black spruce understory.2017		
	Canopy Species	% Cover	Size Class	DBH A	ge	Sub-Ca	nopy Species	Density	Avg. Height	Size	YOE: Aspen 4 - 5 sticks tall. fir saplings showing SBW on tops.
	White Pine	5		14		Ba	lsam Fir	Full	>20 feet	>20 feet	scattered w pine and r pine throughout. very dense fir understory.
	Balsam Fir	40	Sapling	5							
	Quaking Aspen	55	Seedling	7 4	45						
54	4130	- Aspen		Sapling W	'ell	13.4	19	Immature	N/A		
	Canopy Species	% Cover	Size Class	DBH A	ge	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Balsam Fir	5	Log	3		Hazelr	nut (Beaked)	High	< 5 feet	< 5 feet	
	White Pine	10		22							
	Quaking Aspen	85	Log	2 1	19						
55	6224 - 7	Treed Bog		Unspecife	ed	2.3			No		small leatherleaf bog with scattered b spruce
56	622	5 - Bog		Unspecife	ed	18.1			No		leatherleaf bog with scattered b spruce - very wet
57	4130 - Aspen			Sapling W	'ell	28.0	19	Immature	N/A		2017 YOE: almost pure aspen stand. old (2005) windthrow at edges.
	Canopy Species	% Cover	Size Class	DBH A	ge	Sub-Ca	nopy Species	Density	Avg. Height	Size	stand cut in 2006 due to heavy windthrow in 2005
	Balsam Fir	5	Log	2		Hazelr	nut (Beaked)	Medium	< 5 feet	< 5 feet	
	Quaking Aspen	95	Log	2 1	19						

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	Crysta	al Falls Mg	t. Unit				Rep	oort 7 – Sta	ands		Compartment: 118 Year of Entry: 2027
Stand	Level 4 Cover Type			Size De	nsity	Acres	Stand Age BA Range		Managed Site No		General Comments
58				Unspecifed		2.5					stunted b spruce saplings 2 - 3" dbh in wet leatherleaf bog
59	6120 - Lov	Poletimb	Poletimber Well		26.2 120 Unspecified		N/A		NE portion of stand has S6 poletimber 5 - 7" dbh. remainder of stand is		
	Canopy Species	% Cover	Size Class	DBH Age		Sub-Car	nopy Species Density		Avg. Height Size		cedar with tag alder and interspersed openings.very good potential winter deer usage
	Tamarack	10	Seedling	8			ig Alder	Full	5 - 10 feet	5 - 10 feet	
	Black Spruce	30	Seedling	6	82	Ba	Isam Fir	High	5 - 10 feet	5 - 10 feet	
No	orthern White Cedar	60		12	120						1
60	4134 - Aspe	en, Spruce/	Fir	Sapling	Well	35.9	26	Immature	N/A		2027 YOE: scattered aspen just moving into small poletimber size class
	Canopy Species			DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	A3A42017 YOE: scattered spruce/fir throughout. tag alder in low areas.
	Black Cherry	20	Log	2		Та	ig Alder	Low	10 - 20 feet	10 - 20 feet	
	Balsam Fir	10	Log	3		Hazeln	ut (Beaked)	Medium	< 5 feet	< 5 feet	
	White Spruce	10	Log	3					1		1
	Quaking Aspen	60	Pole	3	26						
61	4110 - Sugar Maple Association Poletimber Well 7.9 74 81-110 N/A										2027 YOE: per below2017 YOE: pockets of very good H maple
	Canopy Species	% Cover	Size Class	DBH Age		Sub-Canopy Species		Density	Avg. Height	Size	sapling regen 5 - 10' tall. scattered log sized h maple - defect prevalent. widely scattered upland cedar and w pine. very SW corner
No	orthern White Cedar	5		12		Blac	ck Cherry	High	5 - 10 feet	5 - 10 feet	of stand has small aspen inclusion 3 - 4" dbh trees.
	Sugar Maple	85	Seedling	9	74	Sug	ar Maple	High	5 - 10 feet	5 - 10 feet	
	Yellow Birch	10		9					·		-
62	4130 - Aspen Sapl		Sapling Well		8.1 26 Unspecified		N/A		2027 YOE: Aspen just moving into small poletimber size class.		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	A5A32017 YOE: Aspen 2 - 3" dbh. scattered clumps and single trees of fir throughout. tag alder along edges and in scattered low area
	Balsam Fir	10	Sapling	6		Та	ig Alder	Low	5 - 10 feet	5 - 10 feet	within stand.
	Black Cherry	20	Log	2		Hazeln	ut (Beaked)	Medium	5 - 10 feet	5 - 10 feet	
	Quaking Aspen	70	Pole	4	26						-
63	6220 - A	lder/Willow		Unspe	cifed	25.3			No		tag alder with associated b spruce and fir poletimber. slight b ash component. multiple drainages throughout. SW finger of stand has higher stocking of cedar and b ash.
64	4130 - Aspen				l Well	15.2	15.2 26 Immature		N/A		2027 YOE: scattered aspen just moving into poletimber size class.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	A3A42017 YOE: small rock outcrops throughout. tag alder areas at bases and below outcrops. small fir dispersed throughout stand.
	Balsam Fir	5	Pole	4			lsam Fir	Low	5 - 10 feet	5 - 10 feet	
	Black Cherry	20	Log	2		Hazeln	ut (Beaked)	Full	< 5 feet	< 5 feet	
	Quaking Aspen	75	Pole	3	26						
66	6220 - A	lder/Willow		Unspe	cifed	11.4			No		old beaver pond overgrown with tag alder
68	122 - Road	d/Parking Lo	ot I	Poletimb	er Well	8.6			No		Deer Lake Road

## Report 7 – Stands

Compartment: 118 Year of Entry: 2027 DRR MICHIGAN

Stand	Level 4 C	over Type		Size De	nsity	Acres	Stand Age E	BA Range	Managed S	ite	General Comments
69	4130	- Aspen		Sapling Well		3.8	44 L	Jnspecified	N/A		2027 YOE: aspen 3- 7" dbh. scattered 7 -8" diameter trees2017
	Canopy Species	% Cover	Size Class	DBH	Age	e Sub-Ca	nopy Species	Density	Avg. Height	Size	YOE: very small amount of 1 stick aspen throughout. more conifer along E edge
	Quaking Aspen	70	Sapling	6	44	Hazelr	nut (Beaked)	Low	< 5 feet	< 5 feet	
	Balsam Fir	5	Sapling	5							
	Red Maple	15	Log	2							
	Paper Birch	10	Pole	4							
71	4319 - Mixed Upland Forest			Sapling Well		56.2	56.2 34 51-80		N/A		2027 YOE: low quality aspen, very heavily stocked spruce/fir2017
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	YOE: aspen saplings 16-20' tall. very high stocking of associated spruce/fir
	Quaking Aspen	55	Sapling	6	34	Ba	Ilsam Fir	Full	10 - 20 feet	10 - 20 feet	
	Black Spruce	20	Sapling	5		Hazelr	nut (Beaked)	Low	5 - 10 feet	5 - 10 feet	
	Balsam Fir	25	Sapling	5		Blac	ck Spruce	Full	10 - 20 feet	10 - 20 feet	
72	2 4119 - Mixed Northern Hardwoods Pole				er Well	22.9	22.9 73 81-110 N/A		۱.	2027 YOE: heavy ironwood/h maple saplings. scattered upland cedar.	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Lower stocking in N end of stand. 2017 YOE: fair to poor sawtimber formation. dense H maple regen in pockets. Areas of rock ledge show
No	orthern White Cedar	5		14		Ba	Ilsam Fir	Medium	10 - 20 feet	10 - 20 feet	incidence of windthrow. scattered upland cedar and hemlock. NW
	Hemlock	5		18		Irc	onwood	High	5 - 10 feet	5 - 10 feet	corner of stand has hemlock, cedar, mix softwood inclusion in wet
	Sugar Maple	60		12	73	Sug	gar Maple	High	5 - 10 feet	5 - 10 feet	drainage. N end of stand has lower BA with scattered pockets of aspe saplings 16-20' tall
	Red Maple	15		10		Whi	te Spruce	Low	5 - 10 feet	5 - 10 feet	
	Yellow Birch	10		10							-
	Basswood	5		9							
73				Poletimb		12.0		Jnspecified	N/A		2027 YOE: aspen from prior harvest has mainly been cut out by beaver upland b spruce with scattered small semi open areas.
	Canopy Species		Size Class		Age		nopy Species	-	Avg. Height	Size	
	Quaking Aspen	5	Seedling	6	38	Ba	Ilsam Fir	Full	5 - 10 feet	5 - 10 feet	
	Balsam Fir	15	Pole	4							
	Black Spruce	80	Sapling	5	45						
74	4319 - Mixed Upland Forest					8.4	49	81-110	N/A	\	2027 YOE: 2-4 stick aspen, 5-7" dbh. diameter growth has increased J slightly. dense fir understory. offsite, sandy soil - almost stagnate
	Canopy Species	% Cover		1	Age		nopy Species		Avg. Height	Size	growth.2017 YOE: 1-2 stick aspen with scattered w pine. R pine
	Quaking Aspen	55	Sapling	6	49		Ilsam Fir	Full	10 - 20 feet	10 - 20 feet	sawtimber inclusion at the N end of stand along bog edge - good form.
	Red Pine	5		14		Whi	te Spruce	Full	10 - 20 feet	10 - 20 feet	very thick fir understory
	Balsam Fir	20	Sapling	5							
	White Spruce	20	Sapling	5							
75	320 - Up	land Shrub		Sapling	Poor	32.8			No		2027 YOE: stand has been reherbicided in 2024. to be planted to JP in spring 20252017 YOE: extremely dense mix of low quality, off site aspen 1 - 2 sticks tall and stunted w spruce and fir. Stand is on a pine site as evidenced from old pine stumps, blueberry, sweet fern and goo form to pine that is in the stand. Spruce and fir are of "Christmas tree" form with limbs down to the ground. stand cut summer 2019
77	6225	5 - Bog		Unspe	cifed	37.4			No		treed bog - stunted b spruce and tamarack

## Report 7 – Stands

Compartment: 118 Year of Entry: 2027

Stand	tand Level 4 Cover Type			Size De	Size Density		Stand Age	BA Range	Managed S	ite	General Comments
78	4134 - Asp	Sapling Well		13.9	36	Unspecified	N/A		2027 YOE: Aspen looks to be stagnate or at best extremely slow		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Specie	s Density	Avg. Height	Size	growing. sand ground2017 YOE: Aspen 1 - 4" dbh with scattered trees moving into 1 stick class. upland b spruce and fir throughout with
	Black Cherry	10	Log	1		Ba	alsam Fir	Medium	5 - 10 feet	5 - 10 feet	pockets of dense spruce/fir. Stand is of very low quality for aspen forest
	White Spruce	5	Pole	4		Hazelr	nut (Beaked)	Medium	5 - 10 feet	5 - 10 feet	type - 24 years old with an average dbh of 2".
	Quaking Aspen	55	Sapling	6	36						-
	Balsam Fir	30	Log	4							
79	6224 - 1	Treed Bog		Unspe	cifed	128.0			No		stunted b spruce and tamarack. scattered small island inclusions of upland spruce/fir
80	4134 - Aspen, Spruce/Fir			Poletimber Well		8.6 49 Ui		Unspecified	N/A		2027 YOE: Aspen 2-4 sticks. Dense fir understory. scattered lower
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Specie	s Density	Avg. Height	Size	stocked areas in E of stand. 2017 YOE: aspen 2 - 3 sticks. moderate - heavy fir. better quality aspen. Towards the Deer R b cherry
	Balsam Fir	30	Sapling	7		Bla	ck Cherry	Low	10 - 20 feet	10 - 20 feet	is more prevalent due to beavers cutting aspen.
	White Spruce	10	Sapling	6		Balsam Fir		High	10 - 20 feet 10 - 20 fe	10 - 20 feet	
	Quaking Aspen	55	Seedling	8	49						- -
	Black Cherry	5	Pole	4							
82	622	5 - Bog		Unspe	cifed	8.8			No		Deer River ponds and marsh
83	6224 - 1	Treed Bog		Unspe	cifed	8.3			No		b spruce and tamarack leading to Deer R. edge with open bog. High ground inclusions along extreme E edge of the stand and also W edge - 6 -8" dbh. b spruce with occasional aspen. little to no acreage.
85	4130 - Aspen			Sapling Well		20.9	20.9 27 Un		N/A		2027 YOE: scattered aspen just moving into poletimber size class
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Specie	s Density	Avg. Height	Size	A3A42017 YOE: aspen 16 - 20' tall. just about a pure aspen stand. scattered large w pine. N end of stand has higher incidence of fir.
	White Pine	5		20		Hazelr	nut (Beaked)	High	< 5 feet	< 5 feet	
	Balsam Fir	5	Pole	4							-
	Quaking Aspen	90	Pole	3	27						