

Compartment Review Presentation

Baraga Forest Management Unit

Compartment 11047 Entry Year 2018 Acreage: 1,126

County Houghton

Management Area: Central Houghton

Revision Date: 2016-05-16

Stand Examiner: Jason Mittlestat

Legal Description:
Laird Township

T51N, R36W, Sections 27, 34 and 35.

Identified Planning Goals:

To maintain a healthy sustainable forest with special consideration to wildlife and fisheries habitat.

Soil and topography:

The topography is generally level, except along Otter River. Upland Soils are: Munising loamy fine sand, Alcona loamy fine sand, Liminga fine sand, Kalkaska sand and Graveraet loam. Wetland soil are: Gay muck and Dawson peat.

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

State land borders the compartment the west. Several small parcels of private ownership border the compartment to the south where some of the owners have harvested timber from their parcels, but the majority of the private owners use their land as homes or for recreational purposes. Much of the land surrounding the compartment is owned by several different land management companies with primary goals of timber management.

Unique Natural Features:

MNFI indicates the potential for Red Shouldered Hawk, Eagle, Osprey, Great Blue Heron rookery, Goshawk, Moose and Gray Wolf in the compartment. There is also potential for Wood Turtle along riparian corridors.

Archeological, Historical, and Cultural Features:

The former Keweenaw Bay Branch of the Mineral Range Railroad crossed the compartment. Part of the grade is now used for the Otter Siding road.

Special Management Designations or Considerations:

BMP guidelines should be followed around the intermittent streams and the West Branch of the Otter River.

Watershed and Fisheries Considerations:

The streams in this compartment are cold water trout streams. There is a concern about bank erosion and stream crossings. Greenier Creek has a lot of sediment in it.

Wildlife Habitat Considerations:

Managing habitat for; black bear, blackburnian warbler, pileated woodpecker, ruffed grouse, northern goshawk and American marten should be considered when planning harvest specifications in this this compartment.

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of coarse-textured glacial till and an end moraine of fine-textured till. The glacial drift thickness varies upwards to 400 feet. The Precambrian Jacobsville Sandstone subcrops below the glacial drift. The Jacobsville was previously used as a building stone. The nearest gravel pit is located one mile to the southwest and potential appears to be good. Abandoned copper mines and crushed basalt piles are located six miles to the northwest. This area was not previously leased for metallic development. There is no economic oil and gas production in the UP.

Vehicle Access:

M-38 is a State Highway which passes through the south half of section 34 and 35. The Otter Siding Road is a heavily used forest road which passes through section 34 this provides access to the land south of the West Branch of the Otter River. Access to the land north of the West Branch is off the Pike Lake road through a series of logging roads which are not all on state land.

Survey Needs:

None identified at this time, will be addressed as needed in the future.

Recreational Facilities and Opportunities:

The West Branch of the Otter River and Greenier Creek water courses offer some excellent fishing opportunities. The large expanse of continuous forest offer great hunting opportunities for both large and small game.

Fire Protection:

This compartment has little to no potential for a large fire with the primary cover type being northern hardwoods. Equipment access would be the primary issue for fire suppression activities.

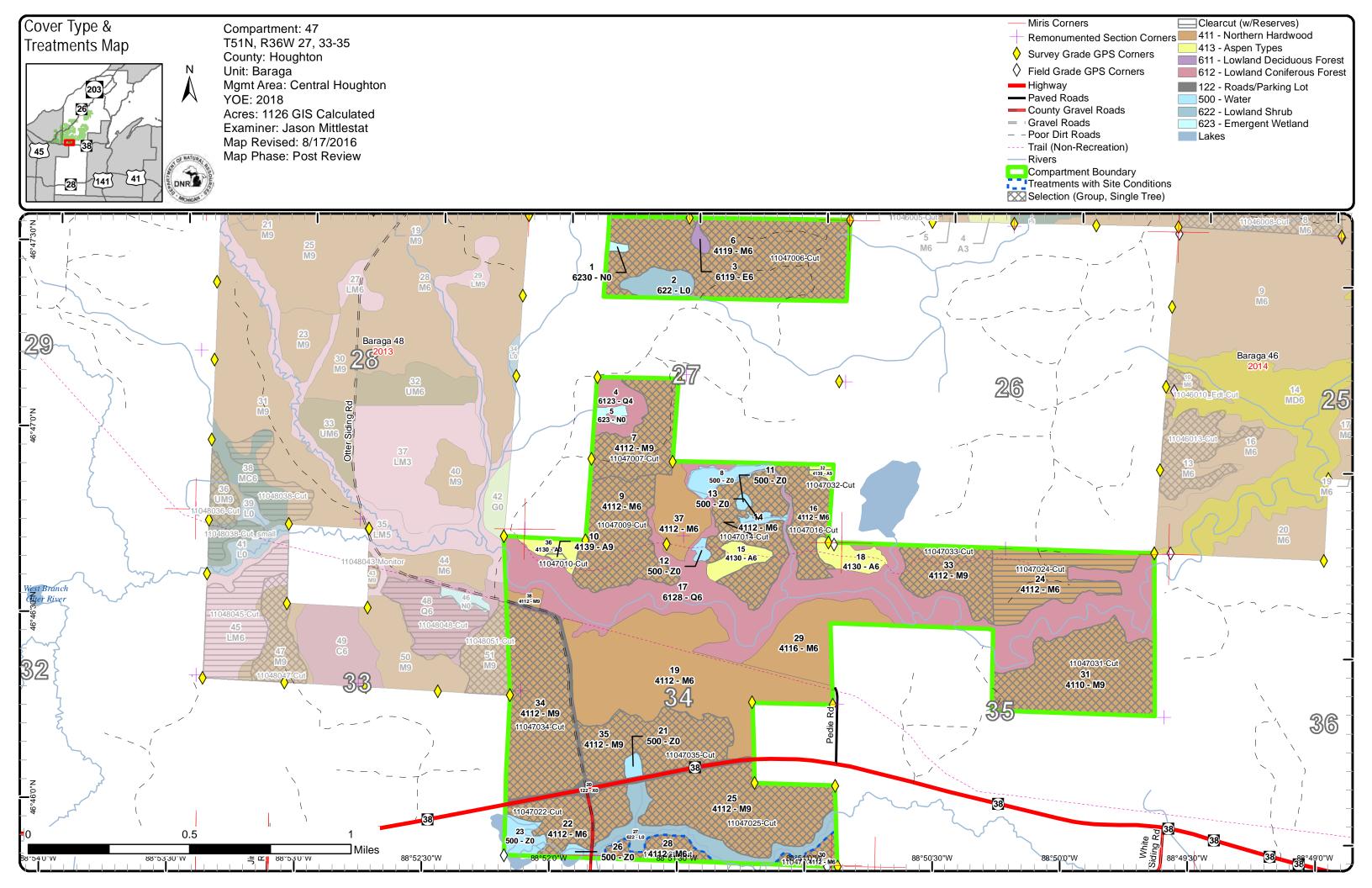
Additional Compartment Information:

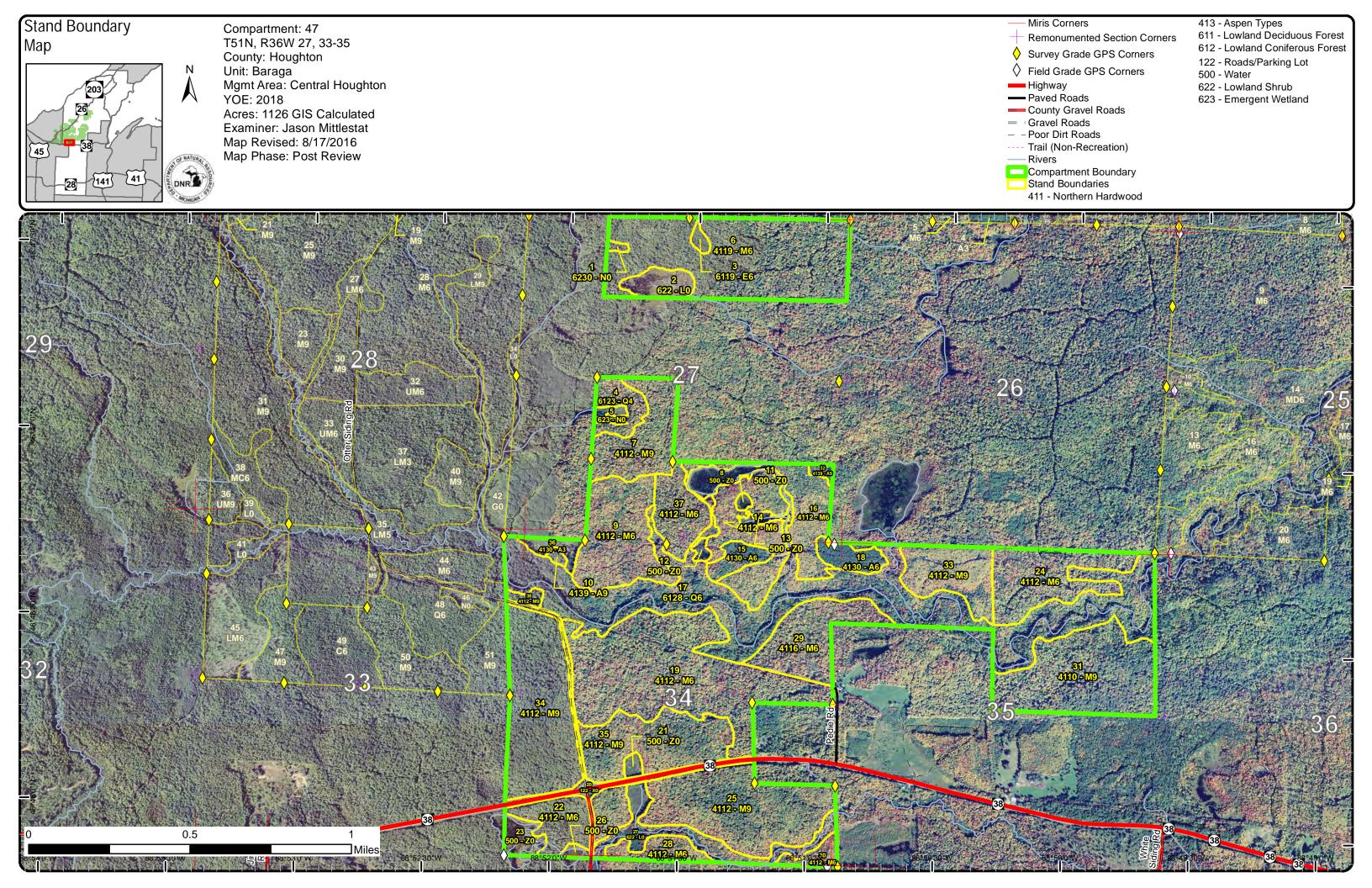
The following reports from the Inventory are attached:

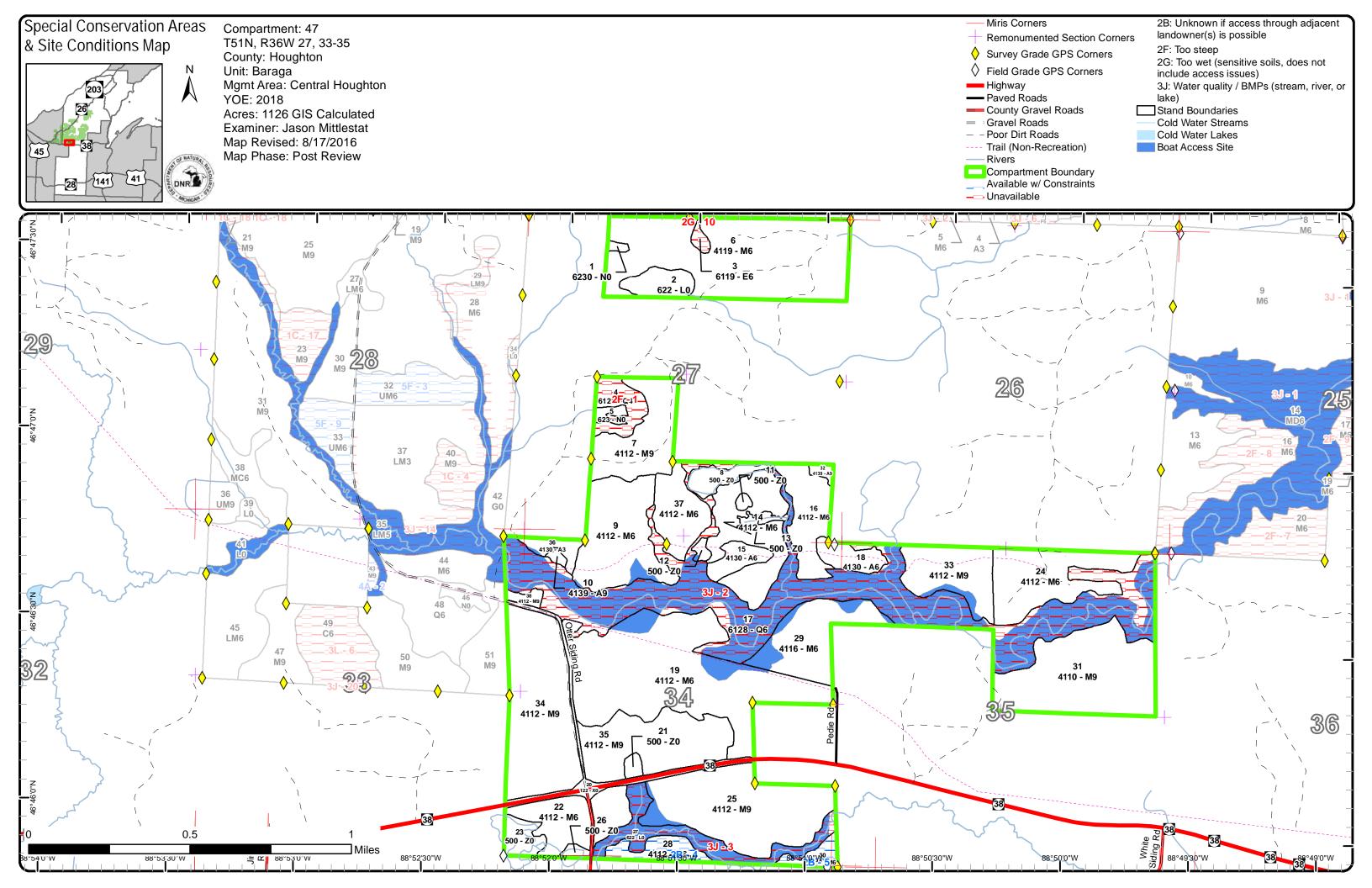
Total Acres by Cover Type and Age Class
Cover Type by Harvest Method
Proposed Treatments – No Limiting Factors
Proposed Treatments – With Limiting Factors
Stand Details (Forested and Nonforested)
Dedicated and Proposed Special Conservation Areas
Site Condition Details

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







Report 1 – Total Acres by Cover Type and Age Class

Baraga Mgt. Unit

Compartment 47 Year of Entry 2018

Jason Mittlestat: Examiner

Age Class

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Aspen	0	6	0	0	18	0	0	4	0	0	0	0	0	0	0	0	0	0	28	
Lowland Conifers	0	0	0	0	0	0	0	13	0	0	0	0	0	0	0	0	0	185	198	
Lowland Deciduous	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	
Lowland Shrub	37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	37	
Marsh	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	
Northern Hardwood	0	0	0	0	0	0	0	0	63	0	0	0	0	0	0	0	0	750	813	
Urban	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	
Water	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27	
Total	84	6	0	0	18	0	0	17	63	0	0	0	0	0	0	0	0	937	1125	



Report 2 – Treatment Summary

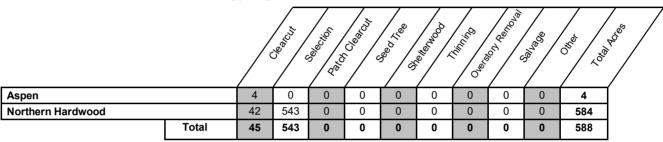
Baraga Mgt. Unit Year of Entry: 2018

Acres of Harvest

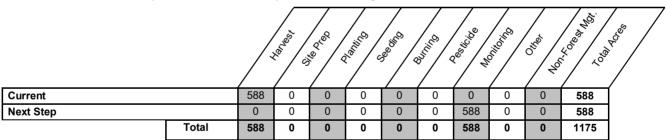
Compartment 47
Total Compartment Acres: 1,126

Commercial Harvest - 570 Harvests with Site Condition - 18 Next Step Harvest - 0 Habitat Cut - 0

Cover Type by Harvest Method



Proposed and Next Step Treatments by Method



Compartment: 47 Year of Entry: 2018

DNR
Annroval

a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
6	11047006-Cut	105.9	4119 - Mixed Northern Hardwoods	Poletimber Well	97	111- 140	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven- Aged	Draft Field Boundary

Habitat Cut: No Site Condition:

Specs:

Prescription Selectively thin hardwoods to 70-90 square feet of basal area. Favor oak, hemlock, white pine and cedar where present. Oak should be released on 3 sides to an average BA of 60 sqft. Where 30 sqft or more of hemlock occurs thin to less than 100 sqft of BA. Follow all guidelines set forth in "The Complete Marker"

If areas heavy to (oak, aspen, dieback, ash, hemlock or too lazy to mark) 1-5 acres are found, seed tree harvest with a residual 10-30 sq ba of oak, reserving hemlock, cedar and pine.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Any combination of the original stand's over story species prior to harvest. Regen: Other

Retention for this stand will be greater than 3% and will consist of tree species of the dominant cover type and reserve tree species.

Comment:

Proposed Start Date: 10/01/2017

11047007-Cut 34.5 4112 - Maple, Sawtimber 111-Harvest Single Tree 411 - Northern Uneven-Draft Field Beech, Cherry Well 140 Selection Hardwood Aged Boundary Association

Habitat Cut: No Site Condition:

Prescription Selectively thin hardwoods to 70-90 square feet of basal area. Favor oak, hemlock, white pine and cedar where present. Oak should be released on 3 sides to an average BA of 60 sqft. Where 30 sqft or more of hemlock occurs thin to less than 100 sqft of BA. Follow all guidelines set forth in "The Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

<u>Acceptable</u> Any combination of the original stand's over story species prior to harvest.

Regen:

Retention for this stand will be greater than 3% and will consist of tree species of the dominant cover type and reserve tree species.

Other (Comment:

Proposed Start Date: 10/01/2017

11047009-Cut 48 4 4112 - Maple, Single Tree Draft Field Poletimber 83 111-Harvest 411 - Northern Uneven-Beech, Cherry 140 Selection Hardwood Boundary Well Aged Association

Habitat Cut: No Site Condition:

Prescription Selectively thin hardwoods to 70-90 square feet of basal area. Favor oak, hemlock, white pine and cedar where present. Oak should be released on 3 sides to an average BA of 60 sqft. Where 30 sqft or more of hemlock occurs thin to less than 100 sqft of BA. Follow all guidelines set forth in "The Specs:

Complete Marker".

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Any combination of the original stand's over story species prior to harvest. <u>Acceptable</u>

Regen: **Other**

Retention for this stand will be greater than 3% and will consist of tree species of the dominant cover type and reserve tree species.

Comment:

Proposed Start Date: 10/01/2017

Draft Field 11047010-Cut 1.4 4139 - Aspen, Mixed Sawtimber 111-Harvest Clearcut with 413 - Aspen Even-Aged Deciduous 140 Retention Boundary Well

Habitat Cut: No Site Condition:

Prescription Harvest all species down to 4.6 inches DBH except red oak, hemlock, white pine and cedar if present.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

<u>Acceptable</u> Any combination of the original stand's over story species prior to harvest.

Regen:

Retention for this stand will be greater than 3% and will consist of tree species of the dominant cover type and reserve tree species.

Comment:

Other

Boundary

	Baraga Mgt. Unit	Report
S		
t		
а		

Stand

CoverType

4112 - Maple,

Beech, Cherry

Association

Size

Density

Poletimber

Well

Stand

Age

71

BA

Range

111-

140

	Year of I	Entry: 2018	DNR DE RESERVE
Treatment Method	Cover Type Objective	Age Structure	Approval Status
Single Tree	411 - Northern	Uneven-	Draft Field

Aged

Compartment: 47

Hardwood

Habitat Cut: No Site Condition:

Acres

38.3

Prescription Specs:

n

d

14

Treatment

Name

11047014-Cut

Selectively thin hardwoods to 70-90 square feet of basal area. Favor oak, hemlock, white pine and cedar where present. Oak should be released on 3 sides to an average BA of 60 sqft. Where 30 sqft or more of hemlock occurs thin to less than 100 sqft of BA. Follow all guidelines set forth in "The Complete Marker". If areas heavy to (oak, aspen, dieback, ash, hemlock or too lazy to mark) 1-5 acres are found, seed tree harvest with a residual 10-30 sq ba of oak, reserving hemlock, cedar and pine.

Treatment

Type

Harvest

Selection

Next Step

Monitoring, Natural Regen (Re-Inventory)

Treatments:

<u>Acceptable</u> Any combination of the original stand's over story species prior to harvest.

Regen: Other

Retention for this stand will be greater than 3% and will consist of tree species of the dominant cover type and reserve tree species.

Comment:

Proposed Start Date: 10/01/2017

11047016-Cut 24.8 4112 - Maple, Poletimber 71 111-Harvest Single Tree 411 - Northern Uneven-Draft Field Beech, Cherry Well 140 Selection Hardwood Aged Boundary Association

Habitat Cut: No Site Condition:

Prescription Selectively thin hardwoods to 70-90 square feet of basal area. Favor oak, hemlock, white pine and cedar where present. Oak should be released on 3 sides to an average BA of 60 sqft. Where 30 sqft or more of hemlock occurs thin to less than 100 sqft of BA. Follow all guidelines set forth in "The Specs:

Complete Marker".

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Any combination of the original stand's over story species prior to harvest.

Regen:

Other Retention for this stand will be greater than 3% and will consist of tree species of the dominant cover type and reserve tree species.

Comment:

Proposed Start Date: 10/01/2017

11047022-Cut 29.3 Draft Field 4112 - Maple, Poletimber 67 81-110 Harvest Single Tree 411 - Northern Uneven-Beech, Cherry Well Selection Hardwood Aged Boundary

Association

Habitat Cut: No Site Condition:

Prescription Selectively thin hardwoods to 70-90 square feet of basal area. Favor oak, hemlock, white pine and cedar where present. Oak should be released on Specs: 3 sides to an average BA of 60 sqft. Where 30 sqft or more of hemlock occurs thin to less than 100 sqft of BA. Follow all guidelines set forth in "The

Complete Marker".

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Any combination of the original stand's over story species prior to harvest.

Regen:

Retention for this stand will be greater than 3% and will consist of tree species of the dominant cover type and reserve tree species. Other

Comment:

S		Ва	araga Mgt. Unit		Re	port 3	Treatme	nts	•	tment: 47 Entry: 2018	DNR DNR
t a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
24	11047024-Cut	41.7	4112 - Maple, Beech, Cherry Association	Poletimber Well	75	51-80	Harvest	Clearcut	413 - Aspen	Even-Aged	Draft Field Boundary
		t all species rom the Ot			pt white	pine, hen	nlock and yello	w birch. Also, reserv	e red oak and ced	dar if present.	Keep a 200'
	<u>Step</u> Monitor tments:	ring, Natura	al Regen (Re-Invent	cory)							
Acce Rege		with a mixe	ed component of no	rthern hardw	oods.						
	ment:										
Prop	osed Start Date:	10/01	/2017								
25	11047025-Cut	71.7	4112 - Maple, Beech, Cherry Association	Sawtimber Well	86	111- 140	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven- Aged	Draft Field Boundary
Hab	itat Cut: No		Site Condition:								
	cription Selectives: 3 sides		rdwoods to 70-90 s age BA of 60 sqft.	quare feet o				ck, white pine and ce in to less than 100 s			
	Step Monitor tments:	ring, Natura	al Regen (Re-Invent	ory)							
Acce Rege		mbination o	of the original stand	s over story	species	prior to h	narvest.				
Othe Com	<u>r</u> Retenti <u>ment:</u>	on for this s	stand will be greate	r than 3% ar	nd will co	onsist of t	ree species of t	the dominant cover t	ype and reserve tr	ree species.	
<u>Prop</u>	osed Start Date:	10/01	/2017								
28	11047028-Cut	11.5	4112 - Maple, Beech, Cherry Association	Poletimber Well	94	111- 140	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven- Aged	Draft Field Boundary
Hab	itat Cut: No		Site Condition:	Unknow	n Acc	ess					
Preso Spec	s: 3 sides	,	age BA of 60 sqft.	•			,	ck, white pine and ce in to less than 100 s	•		
	Step Monitor tments:	ring, Natura	al Regen (Re-Invent	cory)							
Acce Rege		mbination o	of the original stand	s over story	species	prior to h	narvest.				
Othe Com	<u>r</u> Retenti <u>ment:</u>	on for this	stand will be greate	r than 3% ar	nd will co	onsist of t	ree species of t	the dominant cover t	ype and reserve tr	ee species.	
Prop	osed Start Date:	10/01	/2017								
30	11047030-Cut	6.3	4112 - Maple, Beech, Cherry Association	Poletimber Well	94	111- 140	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven- Aged	Draft Field Boundary
	itat Cut: No cription Selecti	vely thin ha	Site Condition: rdwoods to 70-90 s				vor oak, hemloo	ck, white pine and ce	dar where presen	t. Oak should	be released on

3 sides to an average BA of 60 sqft. Where 30 sqft or more of hemlock occurs thin to less than 100 sqft of BA. Follow all guidelines set forth in "The Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

 $\underline{\text{Acceptable}} \quad \text{Any combination of the original stand's over story species prior to harvest.}$

Regen: <u>Other</u>

Retention for this stand will be greater than 3% and will consist of tree species of the dominant cover type and reserve tree species.

Comment:

Regen:

Other Comment:

Proposed Start Date: 10/01/2017

4112 - Maple, Single Tree 11047034-Cut 71 1 Sawtimber 69 111-Harvest 411 - Northern Draft Field Uneven-Beech, Cherry 140 Well Selection Hardwood Aged Boundary Association

Habitat Cut: No Site Condition:

Prescription Selectively thin hardwoods to 70-90 square feet of basal area. Favor oak, hemlock, white pine and cedar where present. Oak should be released on Specs: 3 sides to an average BA of 60 sqft. Where 30 sqft or more of hemlock occurs thin to less than 100 sqft of BA. Follow all guidelines set forth in "The

Complete Marker".

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

<u>Acceptable</u> Any combination of the original stand's over story species prior to harvest.

Regen: **Other**

Retention for this stand will be greater than 3% and will consist of tree species of the dominant cover type and reserve tree species.

Comment:

Baraga Mgt. Unit

Report 3 -- Treatments

Compartment: 47 Year of Entry: 2018



a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
35	11047035-Cut	48.4	4112 - Maple, Beech, Cherry Association	Sawtimber Well	69	111- 140	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven- Aged	Draft Field Boundary

Habitat Cut: No Site Condition:

<u>Prescription</u> Selectively thin hardwoods to 70-90 square feet of basal area. Favor oak, hemlock, white pine and cedar where present. Oak should be released on 3 sides to an average BA of 60 sqft. Where 30 sqft or more of hemlock occurs thin to less than 100 sqft of BA. Follow all guidelines set forth in "The

Complete Marker".

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Any combination of the original stand's over story species prior to harvest.

Regen:

s

Other Retention for this stand will be greater than 3% and will consist of tree species of the dominant cover type and reserve tree species.

Comment:

Proposed Start Date: 10/01/2017

Total Treatment Acreage Proposed:

636.1

Report 4 – Site Conditions

Baraga Mgt. Unit

Jason Mittlestat : Examiner

Compartment: 47
Year of Entry: 2018

Ava	ilability for	Managemer	nt					
Total	Acres	Acres Avail	Acres		Domina	nt Site	e Con	ditions
Acres	s Available	With Condition	Not Available		2B	2F	2G	3J
28	28	0	0	Aspen				
198	0	0	198	Lowland Conifers		13		185
2	0	0	2	Lowland Deciduous			2	
37	11	0	26	Lowland Shrub				26
4	4	0	0	Marsh				
813	795	18	0	Northern Hardwood	18			
16	16	0	0	Urban				
27	27	0	0	Water				
1,125	881	18	226	Total Forested Acres	18	13	2	212
	78%	2%	20%	Relative Percent				

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

Site No.	Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Unavailable	2F: Too steep	13	Unspecified	Unspecified	Unspecified	Unspecified
•	Comments:						
2	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	185	2F: Too steep	Unspecified	Unspecified	Unspecified
	Comments: Otter River Trout St	ream.					
}	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	26	2F: Too steep	Unspecified	Unspecified	Unspecified
	Comments: Otter River Trout St	ream					

Report	4 – 5	Site Co	nditions
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Baraga Mgt. Unit

Jason Mittlestat: Examiner

Compartment: 47
Year of Entry: 2018

4	Available	2B: Unknown if access through adjacent landowner(s) is possible	12	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
5	Available	2B: Unknown if access through adjacent landowner(s) is possible	6	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
10	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	2	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						

Mgt. Unit

Compartment: #Type! Year of Entry:



Report 5 - PROPOSED SPECIAL CONSERVATION AREA* (SCA) DETAILS

* This is a partial list of SCAs for this compartment. Not included are those areas identified under other Department initiatives (Natural Rivers, Deer Wintering Areas, etc.). Those will be identified in separate, future map and report products.

SCA Name	SCA Category	Detail Type	Recommendation	Acres
Comments				

Baraga Mgt. Unit Compartment: 47
Year of Entry 2018



Report 6 - EXISTING SPECIAL CONSERVATION AREA DETAILS

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

Conservati Area	ion Type	Description	ERA = Ecological Reference Area HCVA = High Conservation Value Area SCA = Special Conservation Area
SCA	Cold Water Lake	A coldwater lake has temperature and dissolved oxygen of stocked trout populations and those of other coldwater fis conditions for coldwater fishes may occur in Michigan lak groundwater inflows, or are located in colder (northern) a Director's action and designated as trout resources by Fisher	sh species to persist from year to year. Suitable es if they are relatively deep, have substantial reas of the state. Such lakes are established by
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxyge stocked trout populations and those of other coldwater fis year to year. Coldwater streams in Michigan typically procontributions of groundwater to their stream flows. Such stream as trout resources by Fisheries Order 210.	sh species (e.g., slimy sculpin) to persist from vide these conditions due to substantial

S	Baraga	Baraga Mgt. Unit			– Forested	Stands Compartment: 47 Year of Entry: 2018
t a n d	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
3	6119 - Mixed Lowland Deciduous Forest	Poletimber Well	2.2	75	1-50	
4	6123 - Lowland Fir	Poletimber Poor	12.8	64	1-50	
6	4119 - Mixed Northern Hardwoods	Poletimber Well	105.9	97	111-140	Cut- some ash dieback. Cut in 2002. heartburn hdwd.
7	4112 - Maple, Beech, Cherry Association	Sawtimber Well	34.5	81	111-140	
9	4112 - Maple, Beech, Cherry Association	Poletimber Well	48.4	83	111-140	Unit 2 of "Notter Hdwd" Unit was not cut. Stand was split from ne stand. +some scattered WP and Hem and Cedar
10	4139 - Aspen, Mixed Deciduous	Sawtimber Well	1.4	65	111-140	Part of unit was cut during the winter of 2010-2011, as part of "Notter Hdwds.
14	4112 - Maple, Beech, Cherry Association	Poletimber Well	38.3	71	111-140	
15	4130 - Aspen	Poletimber Well	8.6	33	51-80	
16	4112 - Maple, Beech, Cherry Association	Poletimber Well	24.8	71	111-140	
17	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	185.4	107	51-80	Stand consists of the Otter River gorge and lots of unnamed tributaries with steep slopes and wet areas RMZ
18	4130 - Aspen	Poletimber Well	9.8	33	51-80	
19	4112 - Maple, Beech, Cherry Association	Poletimber Well	119.4	74	81-110	cut in 2010-11 as part of "Sotter Hdwds" 11-012-08-01.
22	4112 - Maple, Beech, Cherry Association	Poletimber Well	29.3	67	81-110	
24	4112 - Maple, Beech, Cherry Association	Poletimber Well	41.7	75	51-80	Stand has full understory of aspen and top dieback Remove over story to release under story.
25	4112 - Maple, Beech, Cherry Association	Sawtimber Well	71.7	86	111-140	
28	4112 - Maple, Beech, Cherry Association	Poletimber Well	11.5	94	111-140	
29	4116 - Mixed N. Hardwood - Aspen	Poletimber Well	36.6	69	51-80	Stand split from stand 19. lots of aspen removed. good aspen regeneration.

S t a n d	Baraga Mgt. Unit			Report 7 – Forested Stands		nds Compartment: 47 Year of Entry: 2018
	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
30	4112 - Maple, Beech, Cherry Association	Poletimber Well	6.3	94	111-140	did not make it to this stand in 2016.
31	4110 - Sugar Maple Association	Sawtimber Well	70.8	81	111-140	
32	4139 - Aspen, Mixed Deciduous	Sawtimber Well	2.1	68	111-140	Clear cut no reserves.
33	4112 - Maple, Beech, Cherry Association	Sawtimber Well	29.9	56	81-110	
34	4112 - Maple, Beech, Cherry Association	Sawtimber Well	71.1	69	111-140	west was cut as part of "38 Special" in 1997.
35	4112 - Maple, Beech, Cherry Association	Sawtimber Well	48.4	69	111-140	was cut as part of "38 Special" in 1997.
36	4130 - Aspen	Sapling Well	6.1	5	Immature	
37	4112 - Maple, Beech, Cherry Association	Poletimber Well	21.6	83	81-110	
38	4112 - Maple, Beech, Cherry Association	Sawtimber Well	2.9	69	81-110	was cut in 2010-11 as part of "Sotter Hdwds" 11-012-08-01.

Report 8 - Nonforested Stands

Compartment: 47 Year of Entry: 2018



Stand	Cover Type	Acres	Managed Site	General Comments:
1	6230 - Cattail	1.1	No	beaver pond and surrounding wetland.
2	622 - Lowland Shrub	10.9	No	
5	623 - Emergent Wetland	2.6	No	
8	500 - Water	8.7	No	beaver flooding
11	500 - Water	1.3	No	beaver flooding
12	500 - Water	1.8	No	beaver flooding
13	500 - Water	2.7	No	beaver flooding
20	122 - Road/Parking Lot	16.2	No	M-39. Otter Siding Road, Chine Road.
21	500 - Water	2.4	No	
23	500 - Water	8.3	No	
26	500 - Water	2.0	No	
27	622 - Lowland Shrub	26.1	No	Greenier Creek Corridor.