

Compartment Review Presentation

Baraga Forest Management Unit

Compartment 11003 Entry Year 2018

Acreage: 3,302
County Baraga

Management Area: Sturgeon Sloughs

Revision Date: 2016-05-12

Stand Examiner: Jason Mittlestat

Legal Description:

Baraga County Baraga Township

T52N, R33W, Sections 4, 5, 6, 9, 10, 16, 17, 19, 20, and 21.

Houghton County
Portage Township
T52N P34W Sections

T52N, R34W, Sections 1, 12, and 14.

Identified Planning Goals:

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

Soil and topography:

A wide variety of soil types occur within this compartment. Majority of the upland soils are well drained on till plains (Munising and Abbaye are most common). The lowland areas consist mostly of Arnheim-Sturgeon Association (poorly drained soils on flood plains) Topography is rolling to hilly in the upland areas and level on the lowland.

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

Private ownership surrounds most of the compartment. Compartment 61 boarders this compartment to the north. Some private land owners have harvested timber from their parcels, but the majority of the private owners use their land for recreational purposes. The land around Otter Lake is developed for recreational homes and camps. The better soils along the Sturgeon River are in farms.

Unique Natural Features:

Potential for osprey, eagle, great blue heron rookery, red-shouldered hawk, goshawk, moose, and gray wolf. Potential for wood turtle along riparian corridors. Potential for marsh birds: marsh wren, common moorhen, yellow rail, least bittern, American bittern, and black tern. Potential for satiny willow, Douglas hawthorn, veiny meadow-rue, narrow-leaved gentian, and Farwell's water-milfoil along riparian areas. Potential for American shore grass, lake-cress, Farwell's water-milfoil, alternate leaved water-milfoil, and starwort in lakes.

Archeological, Historical, and Cultural Features:

None known.

Special Management Designations or Considerations:

BMP guidelines should be followed around Otter Lake and the Sturgeon River.

Watershed and Fisheries Considerations:

The Otter River is a cold water trout stream. There is a concern about bank erosion. The Sturgeon River is a warm water stream.

Wildlife Habitat Considerations:

Several stands in this compartment are managed as part of the Sturgeon River Sloughs Wildlife Area. The sturgeon River Sloughs is managed as a waterfowl production and stop-over area and for several species of furbearers; muskrat, mink, beaver. The Sturgeon River Sloughs provide hunters and trappers opportunities to pursue game species as well as hiking and bird watching opportunities.

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of peat and muck, coarse-textured glacial till and postglacial alluvium. The glacial drift thickness varies between 10 and 50 feet. The Precambrian Jacobsville Sandstone subcrops below the glacial drift. The Jacobsville was previously used as a building stone and was quarried just to the south. The closest gravel pit is located in Section 2-R34W to the west, but there may be potential on the uplands. Abandoned copper mines are located twelve miles to the west. The Compartment has not been previously leased for metallic exploration. There is no economic oil and

gas production in the UP.

Vehicle Access:

Access into upland stands will have to be coordinated with adjacent landowners.

Survey Needs:

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

Recreational Facilities and Opportunities:

Snowmobile trail # 15 runs through compartment. Wildlife Division's Arnheim project provides waterfowl management and hunting.

Fire Protection:

This is not a fire prone area however historical fires have had ground fire associated with them. This area has poor access for fire equipment.

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

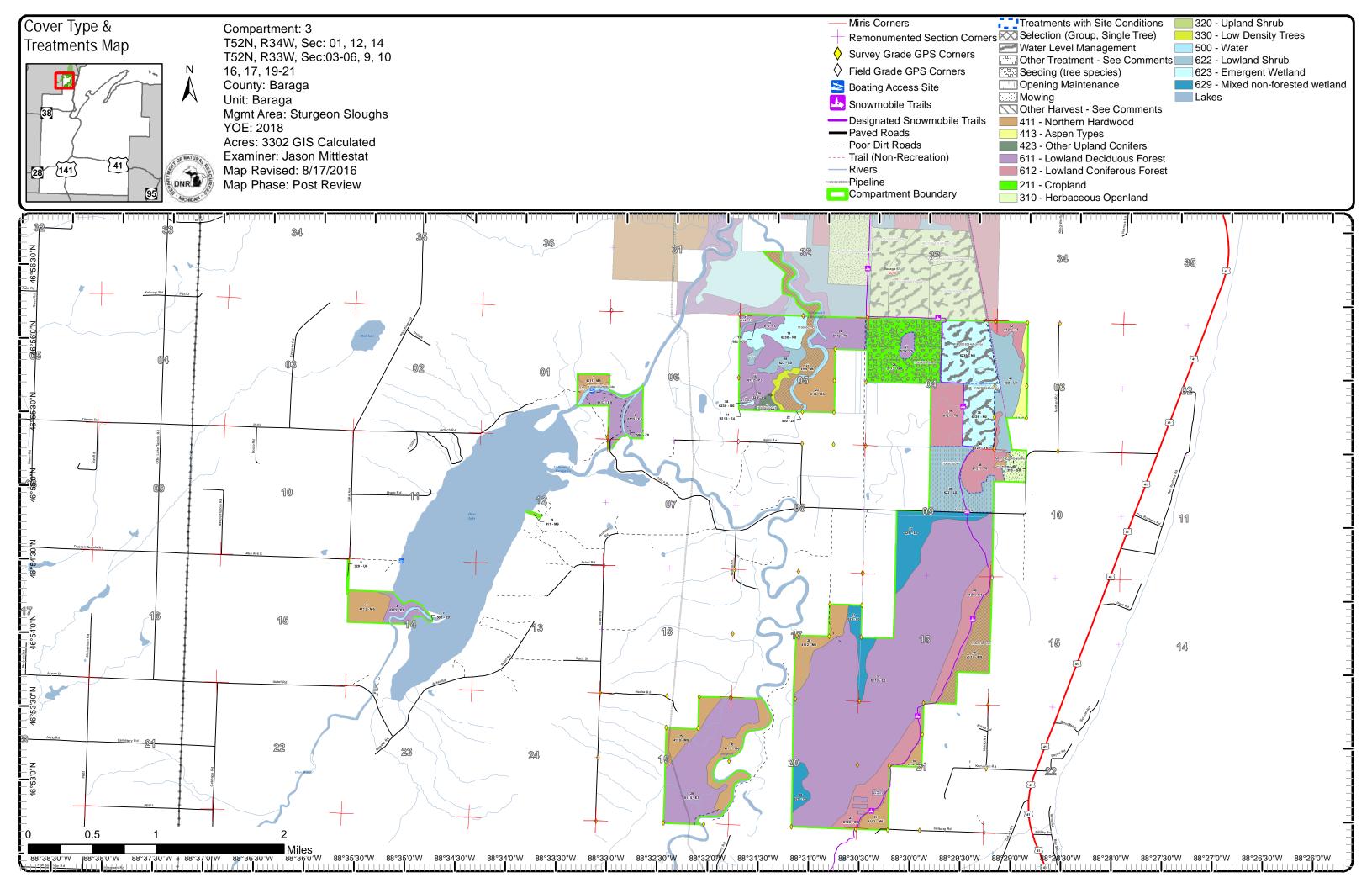
The following information is displayed, where pertinent, on the attached compartment maps:

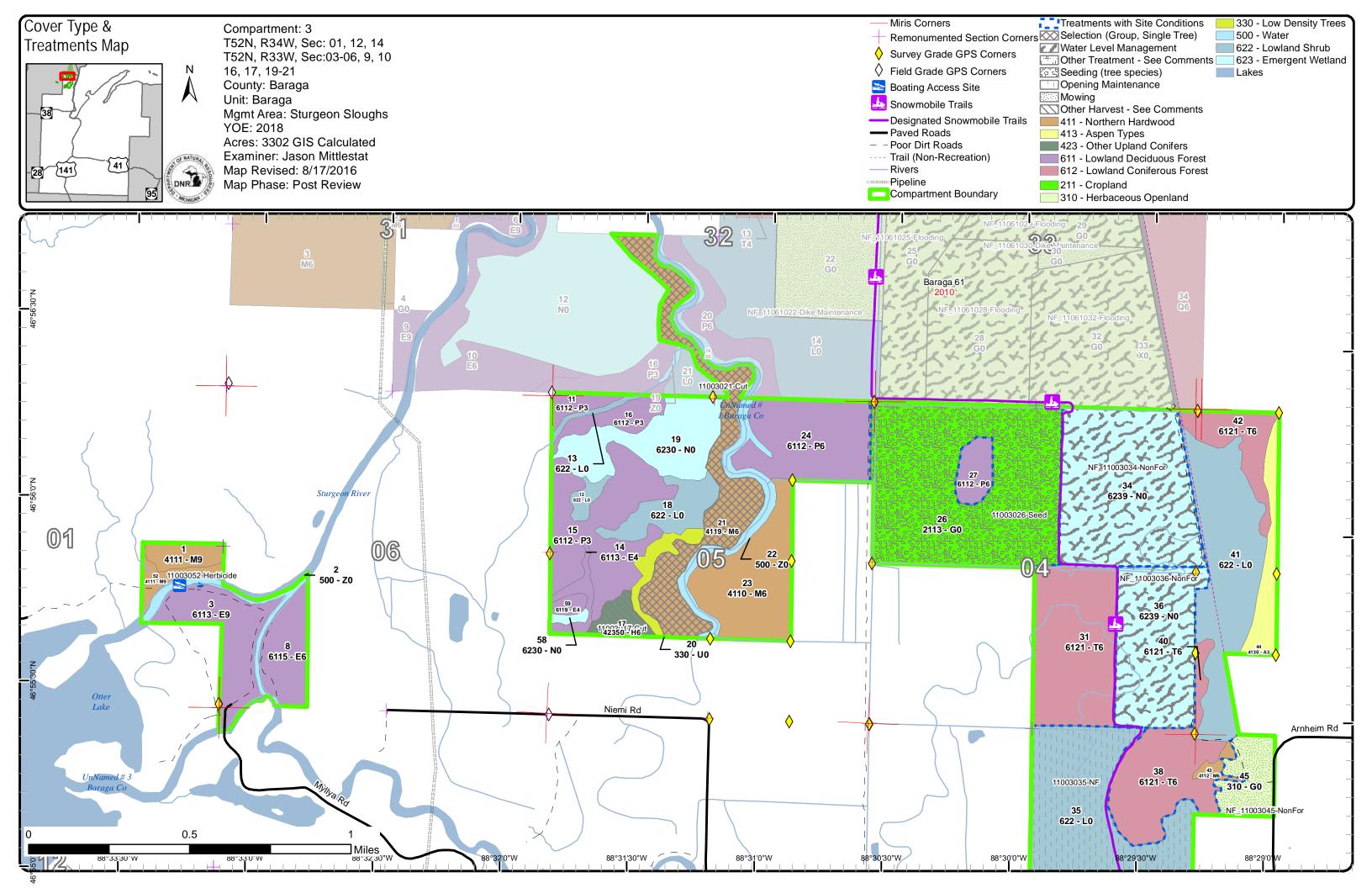
Base feature information, stand boundaries, cover types, and numbers

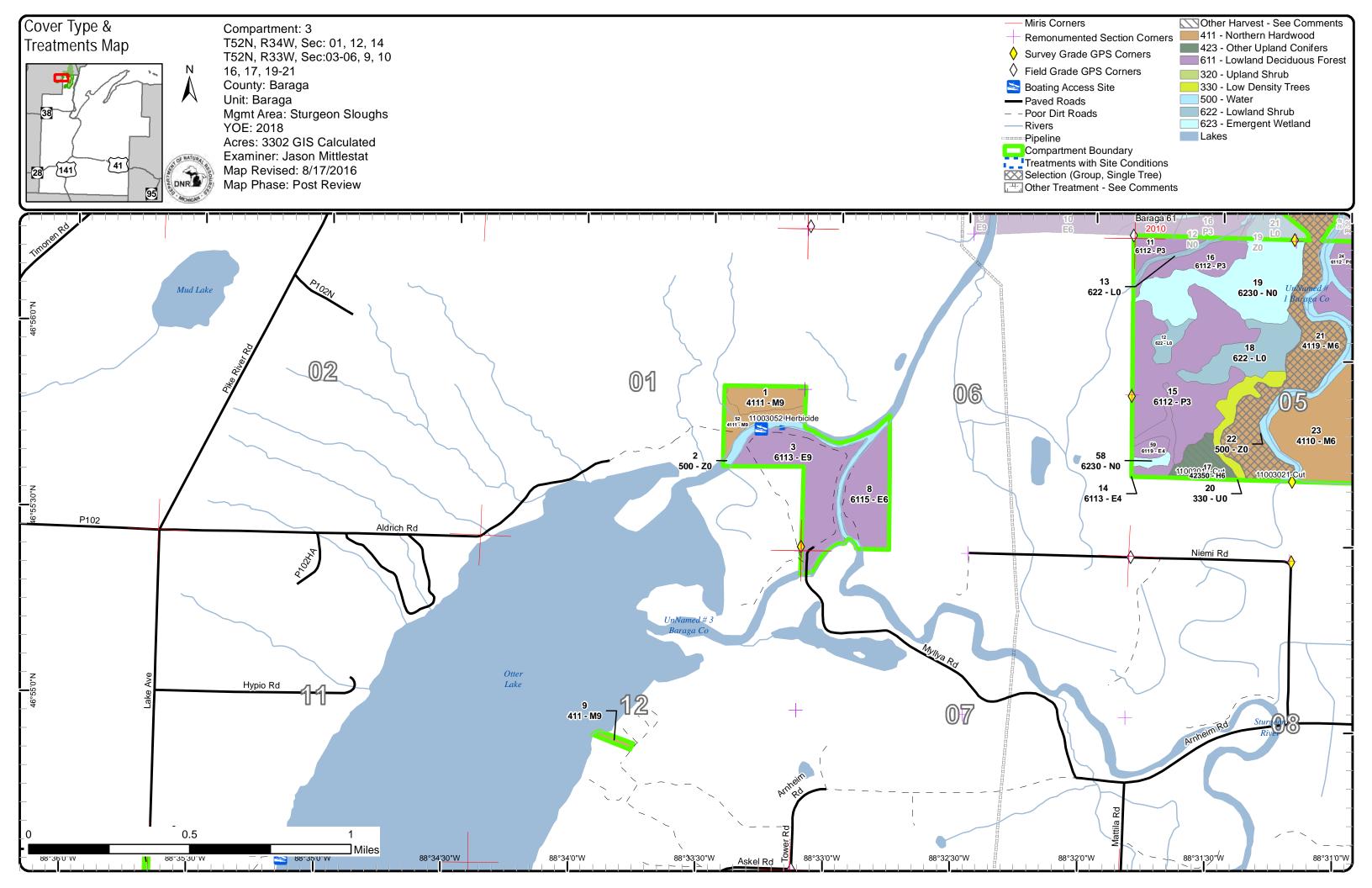
Proposed treatments

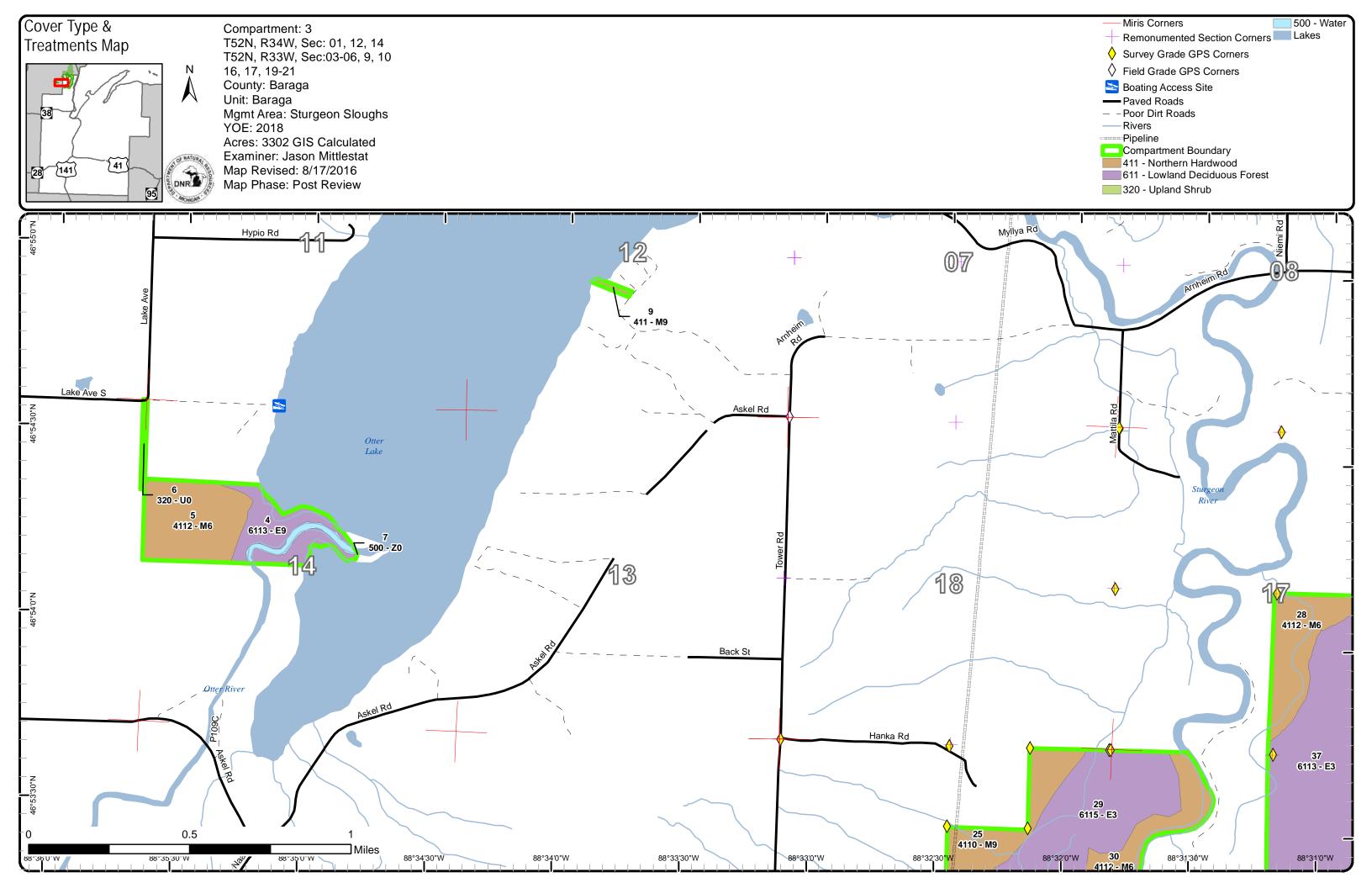
Site condition boundaries

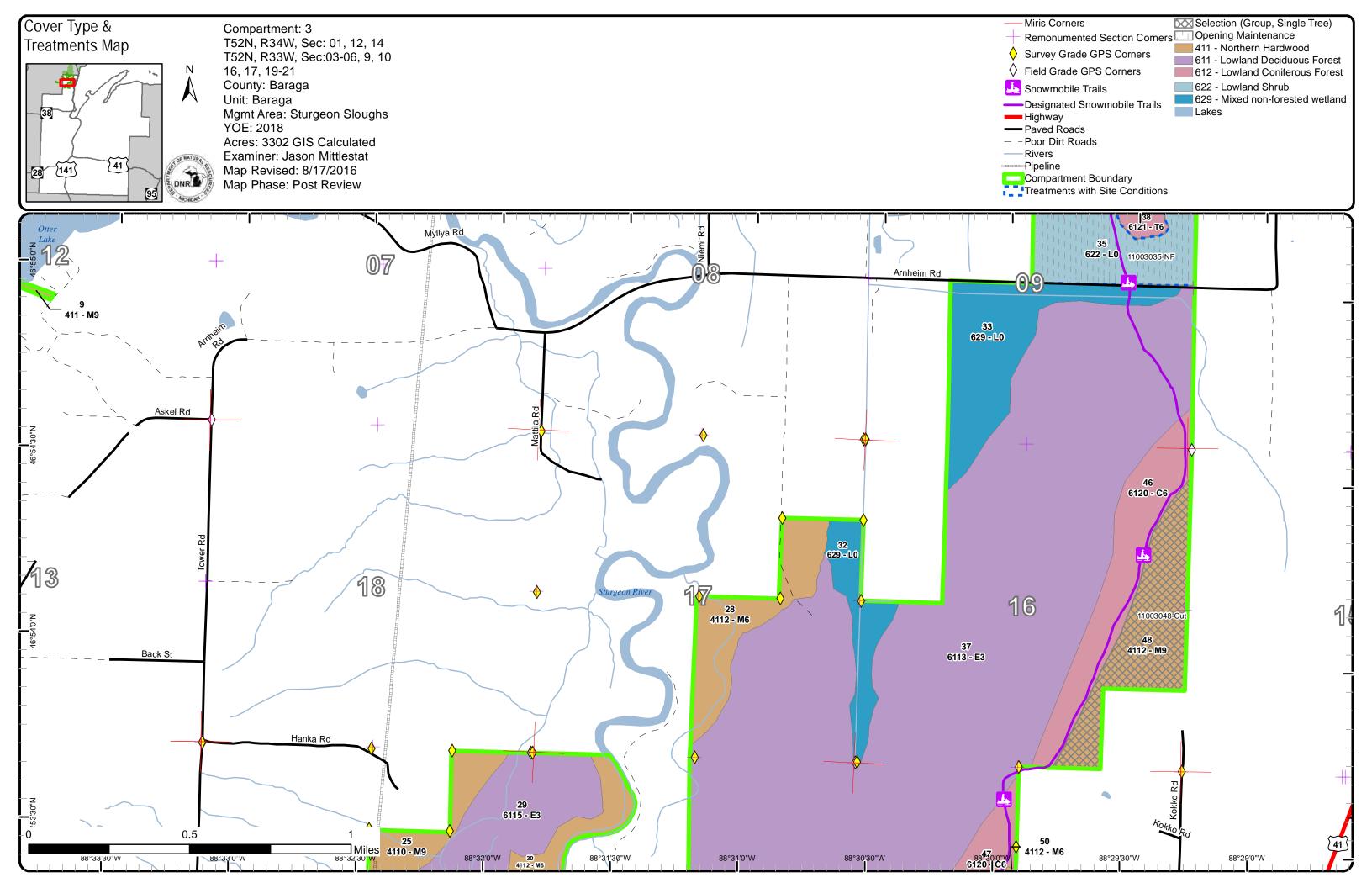
Details on the road access system

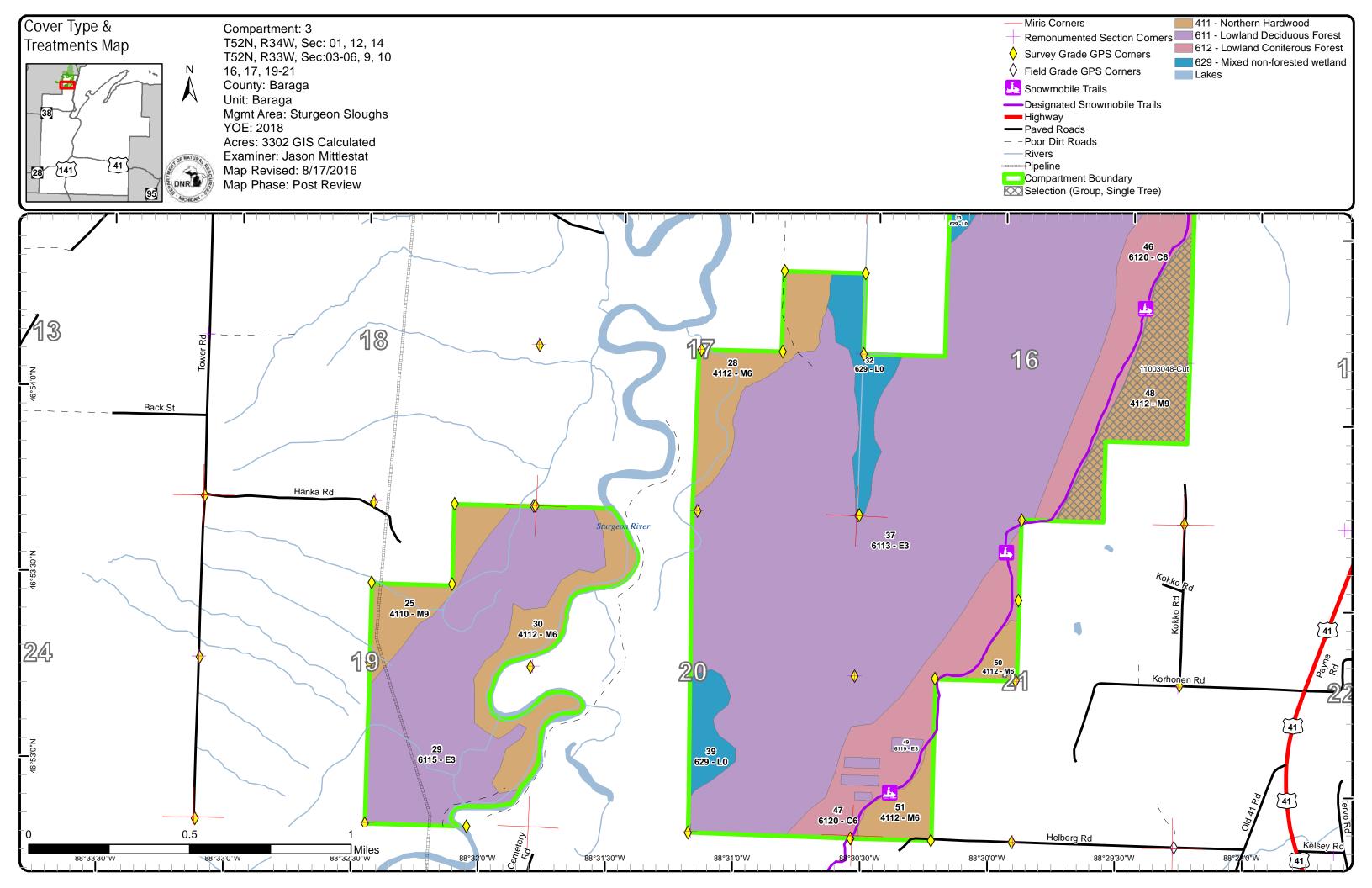


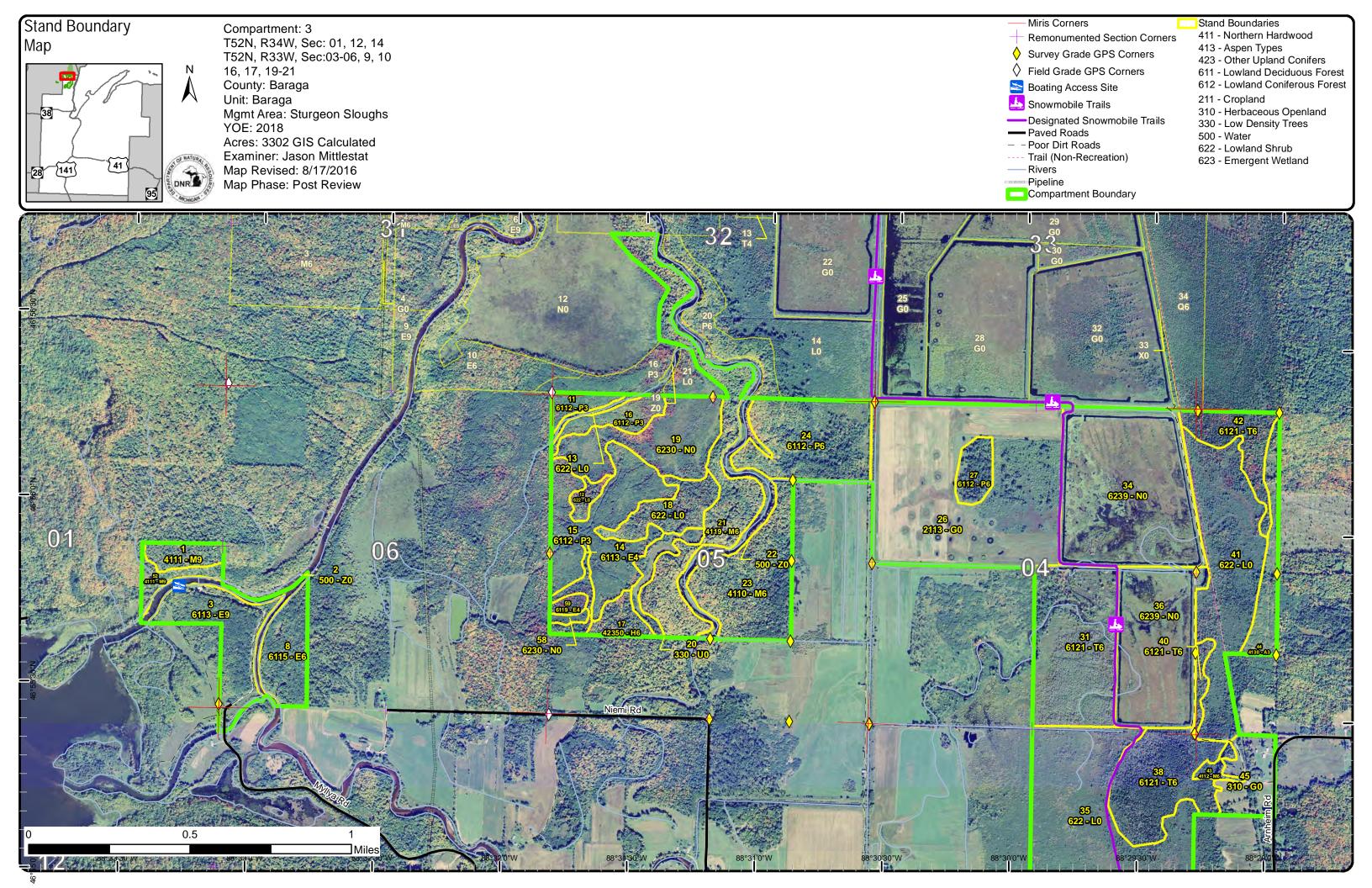


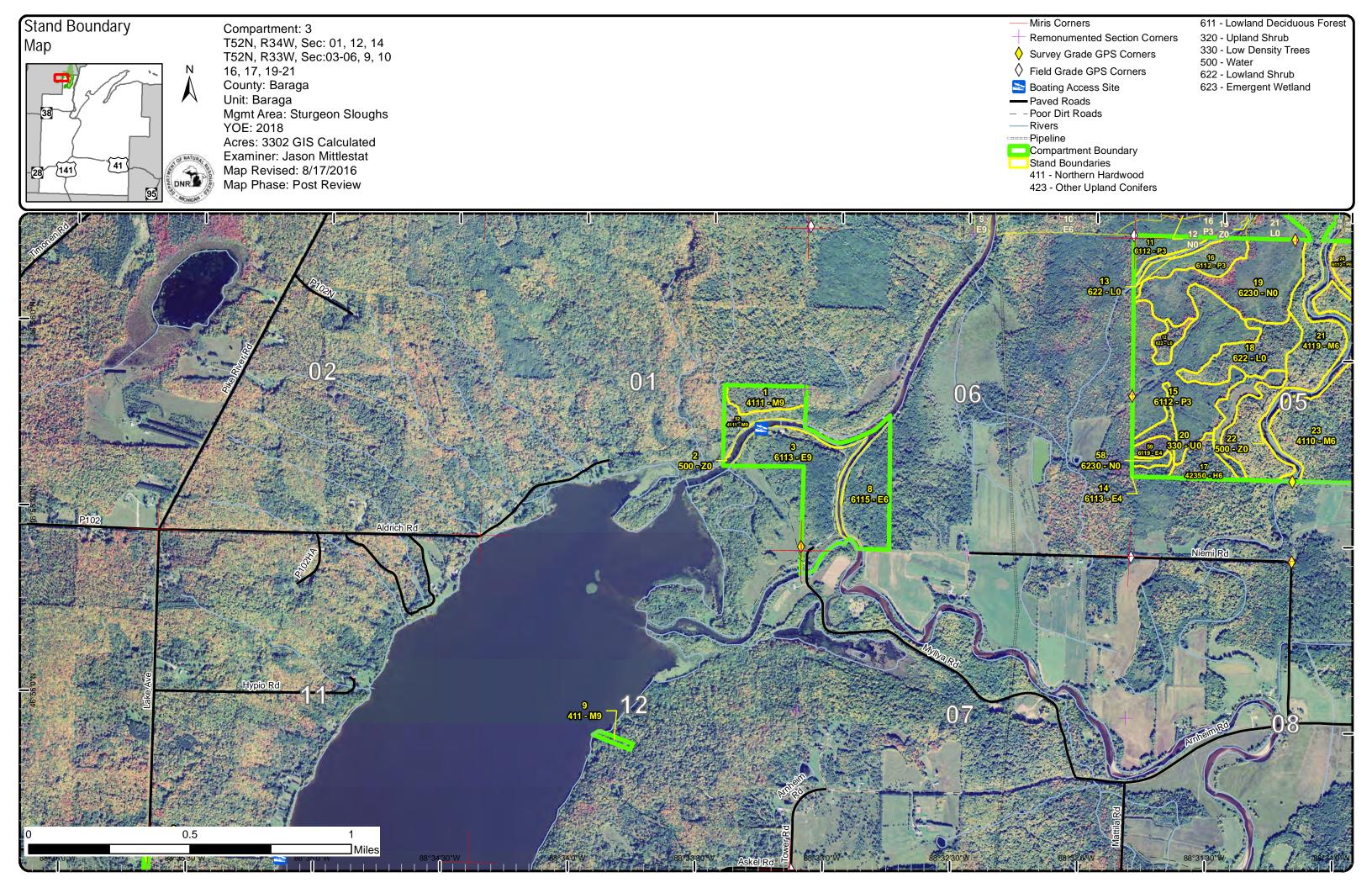


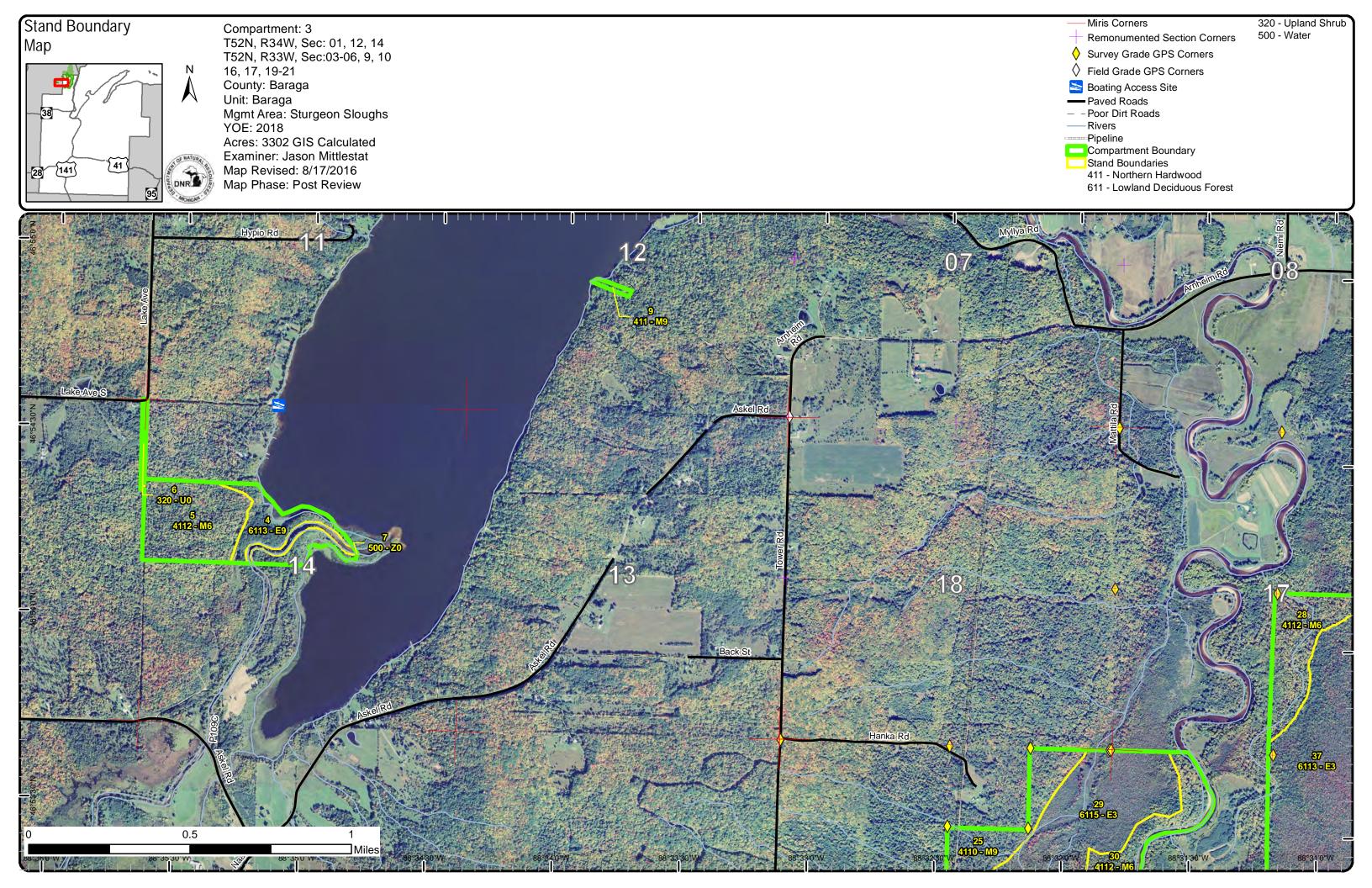




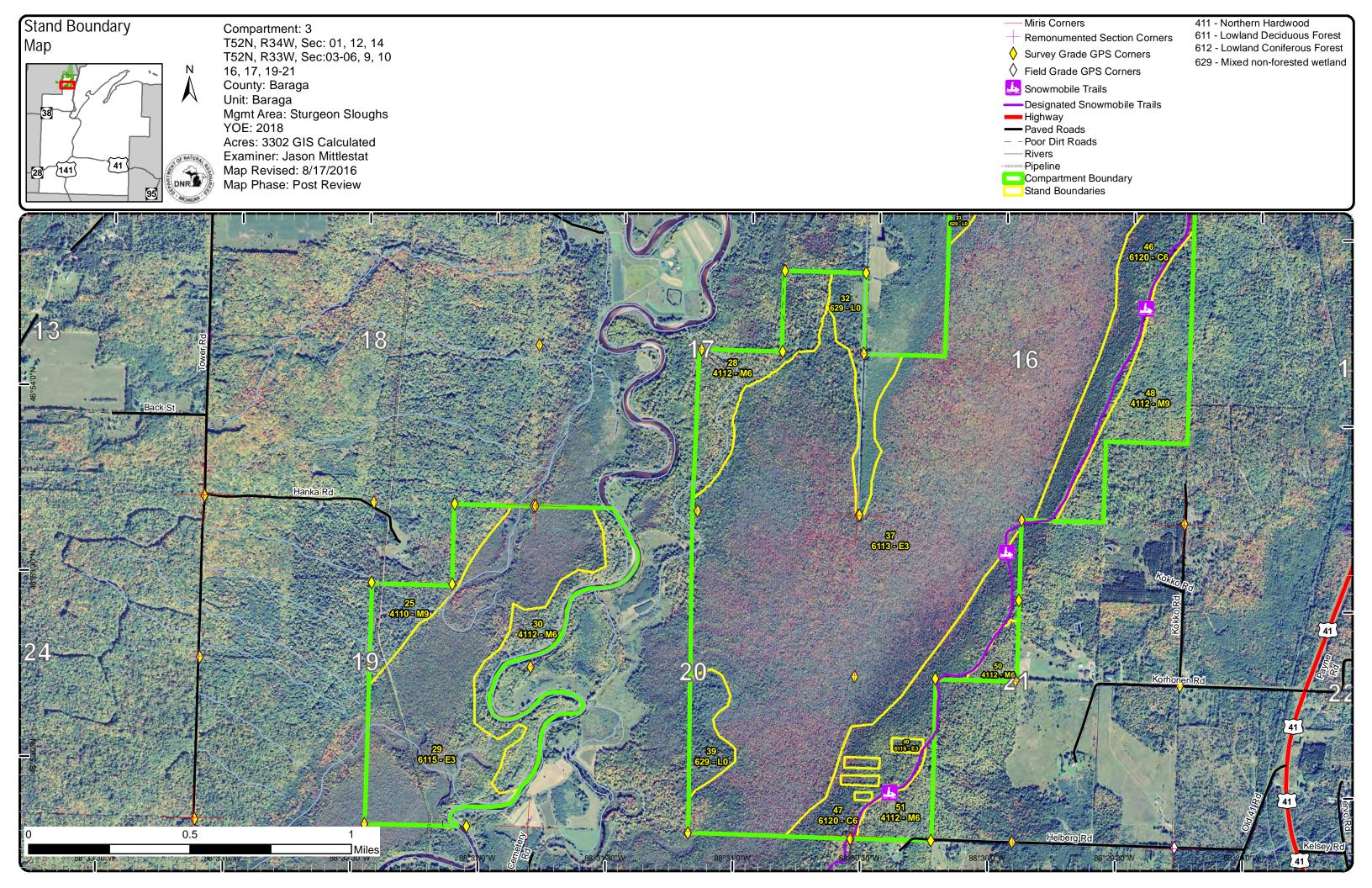


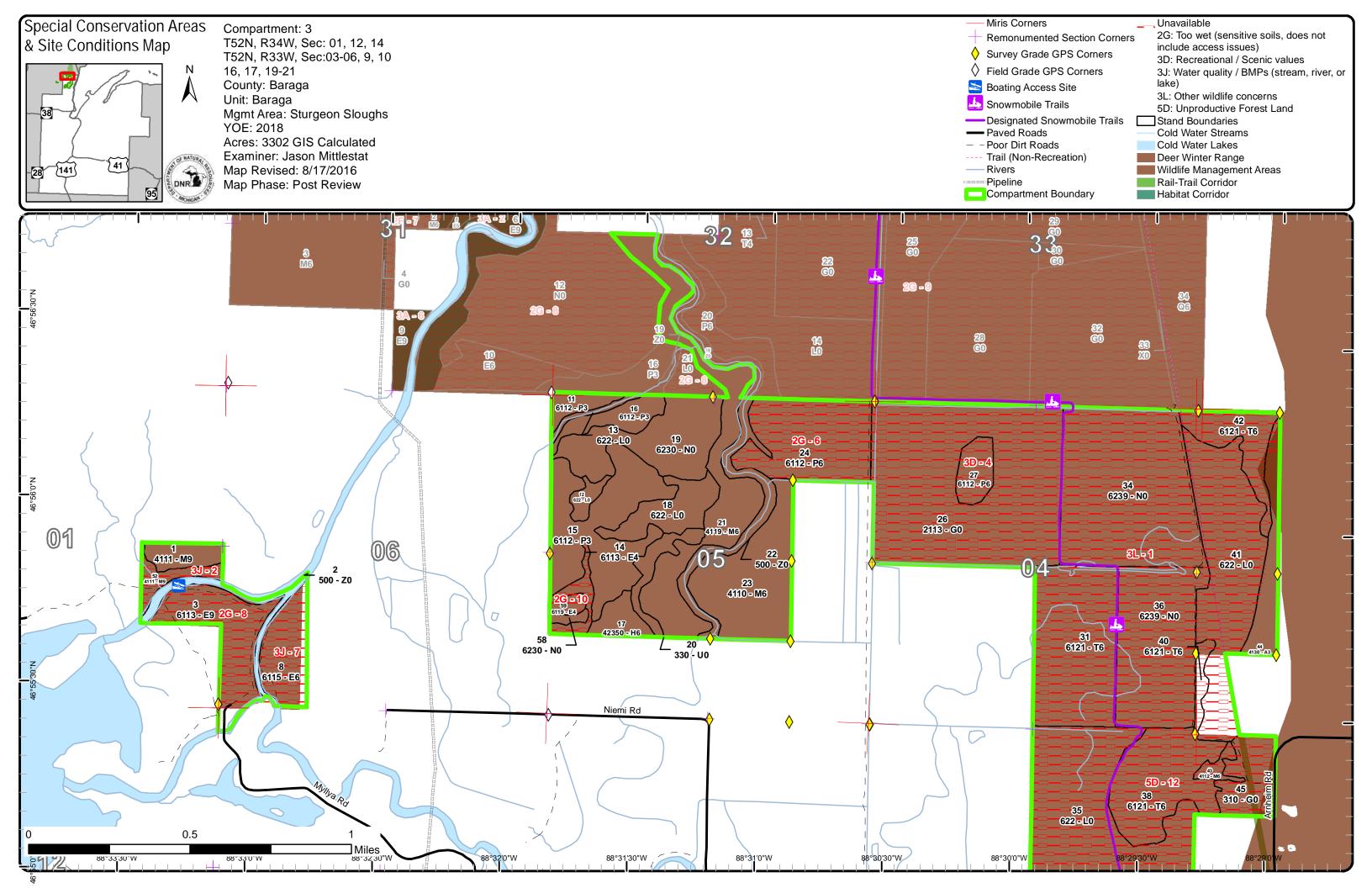


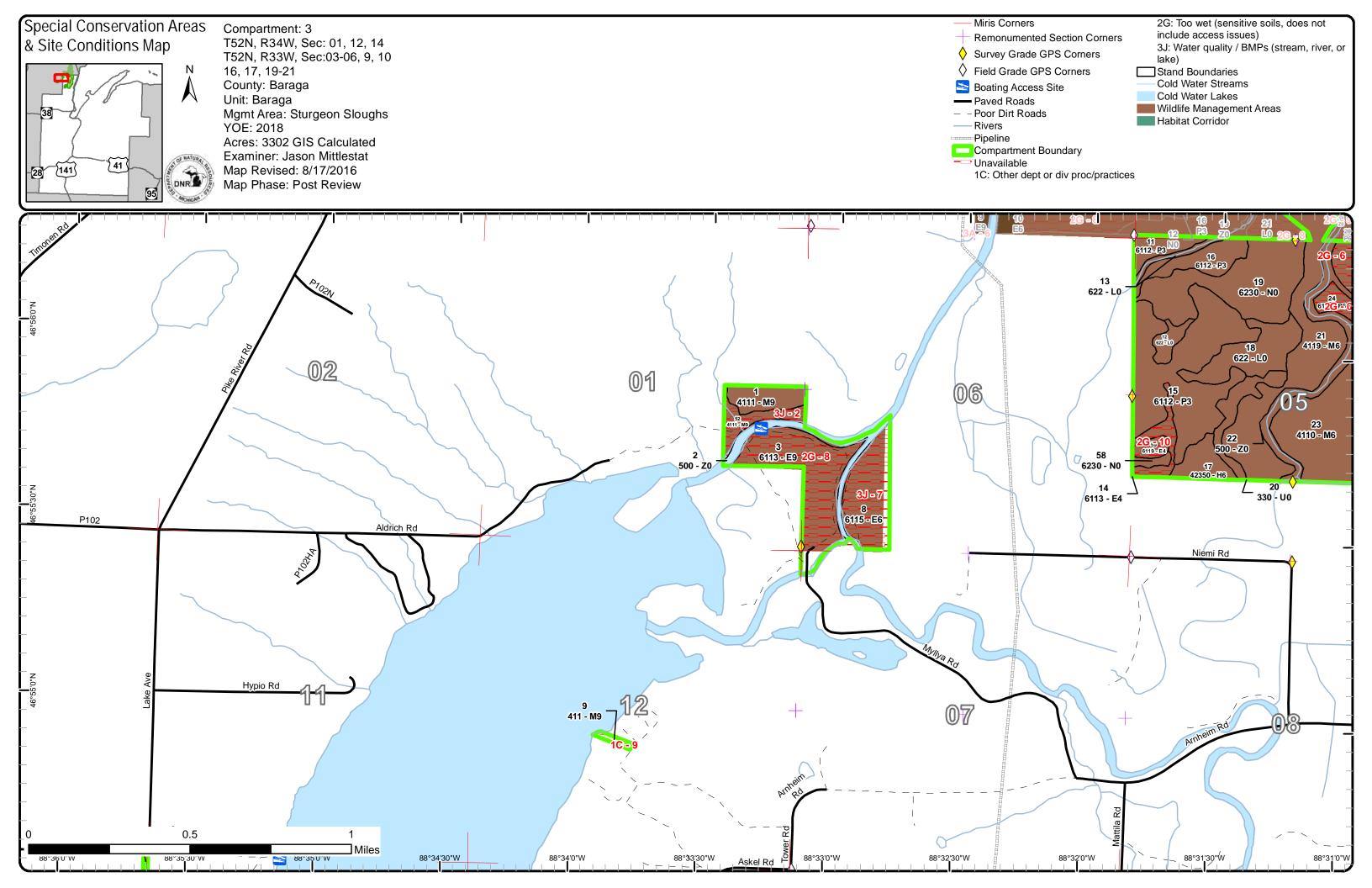


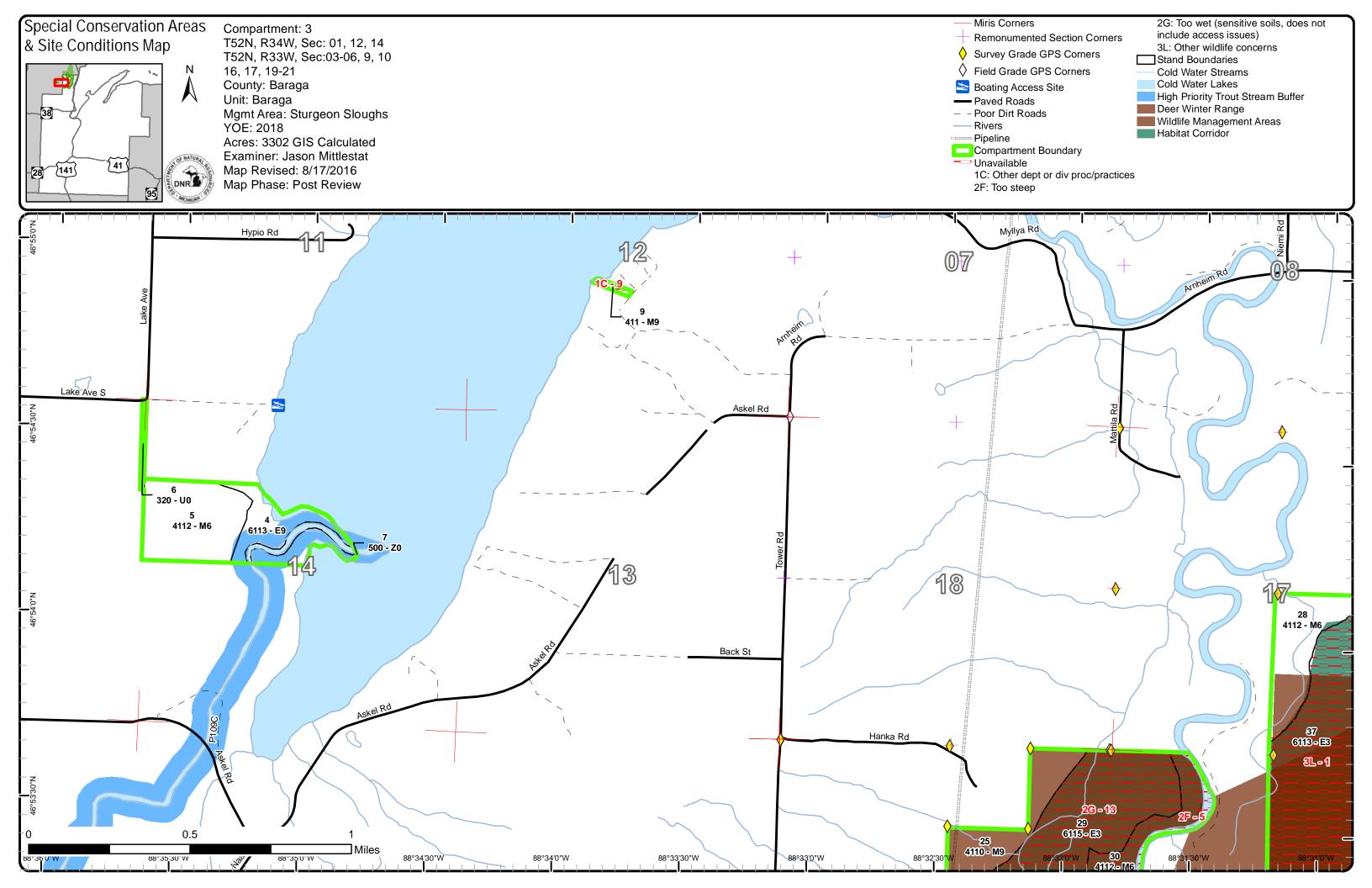


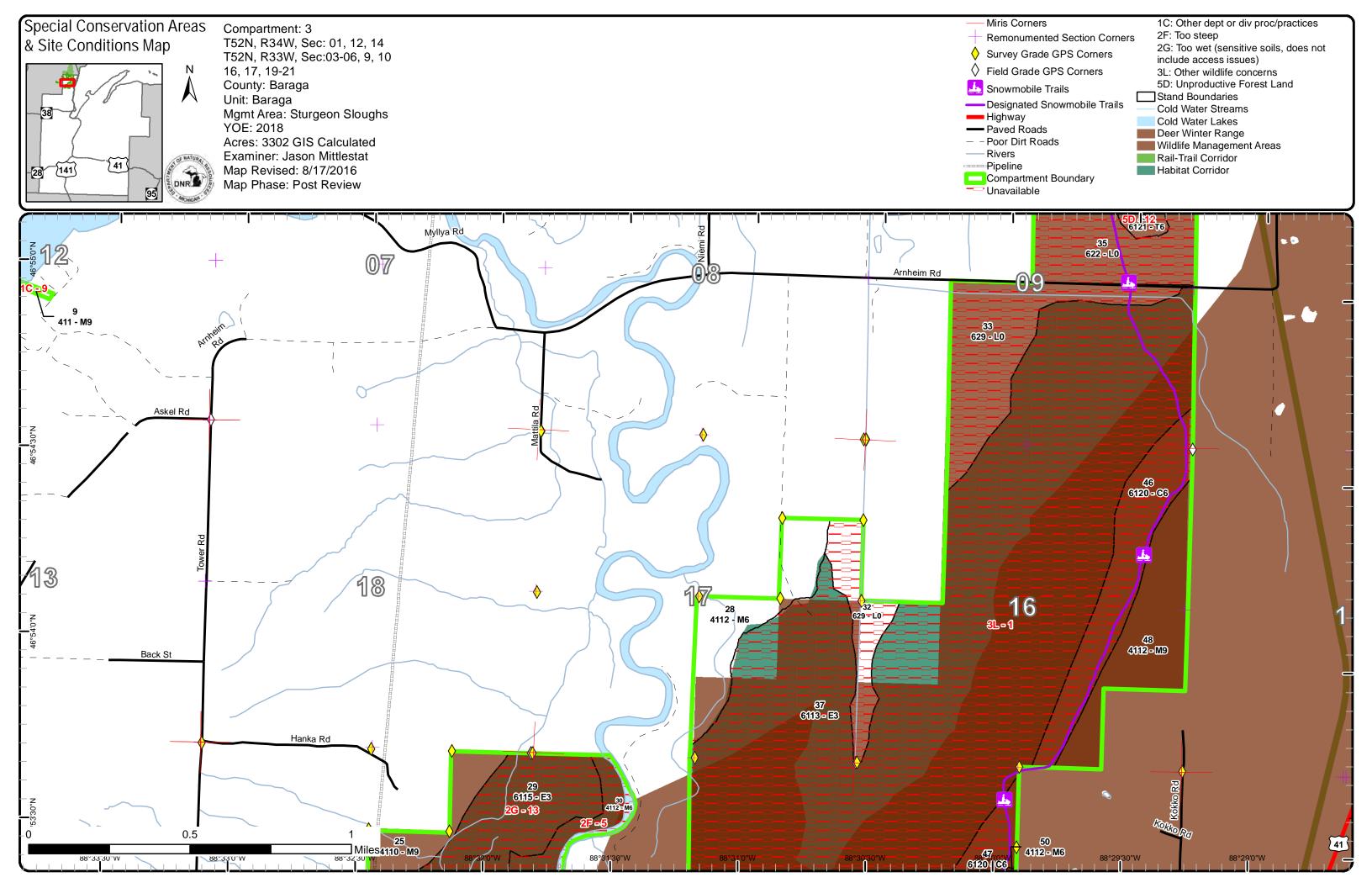
Stand Boundary 411 - Northern Hardwood - Miris Corners Compartment: 3 T52N, R34W, Sec: 01, 12, 14 T52N, R33W, Sec:03-06, 9, 10 611 - Lowland Deciduous Forest 612 - Lowland Coniferous Forest Remonumented Section Corners Map Survey Grade GPS Corners 622 - Lowland Shrub 16, 17, 19-21[°] 629 - Mixed non-forested wetland County: Baraga Snowmobile Trails Unit: Baraga Designated Snowmobile Trails Mgmt Area: Sturgeon Sloughs YOE: 2018 ---- Highway --- Paved Roads Acres: 3302 GIS Calculated – Poor Dirt Roads Rivers Examiner: Jason Mittlestat Pipeline Map Revised: 8/17/2016 Map Phase: Post Review 141 Compartment Boundary
Stand Boundaries 09 16 . 37 6113 - ⊒3

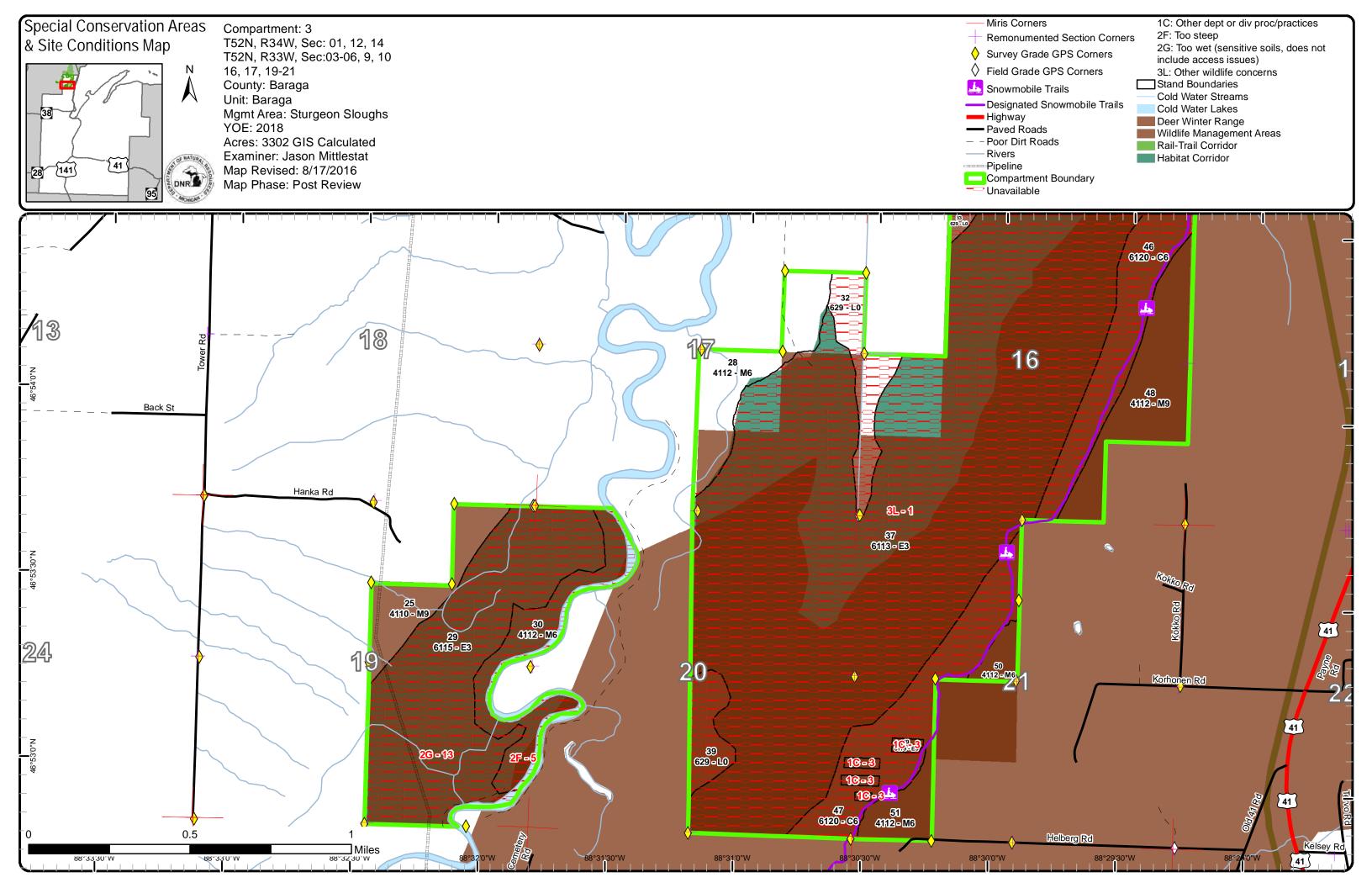












Baraga Mgt. Unit

Compartment 3

Year of Entry 2018

DNR DNR

Jason Mittlestat : Examiner

Age Class

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Aspen	0	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23
Cedar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	172	172
Cropland	174	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	174
Hemlock	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	10
Herbaceous Openland	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25
Low-Density Trees	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
Lowland Aspen/Balsam Poplar	0	0	89	0	0	0	0	0	0	0	0	0	0	0	0	0	0	73	162
Lowland Deciduous	0	0	1032	0	8	0	0	0	0	0	0	0	0	0	0	0	0	330	1370
Lowland Shrub	396	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	396
Marsh	258	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	258
Northern Hardwood	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	493	493
Tamarack	0	0	0	0	0	0	0	0	55	0	0	0	0	0	0	0	0	113	168
Upland Shrub	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Water	38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	38
Total	904	23	1121	0	8	0	0	0	55	0	0	0	0	0	0	0	0	1192	3302



Report 2 – Treatment Summary

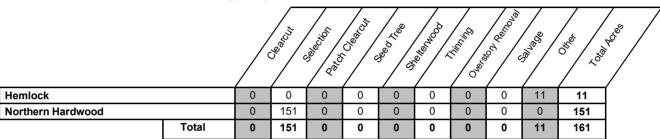
Baraga Mgt. Unit Year of Entry: 2018

Acres of Harvest

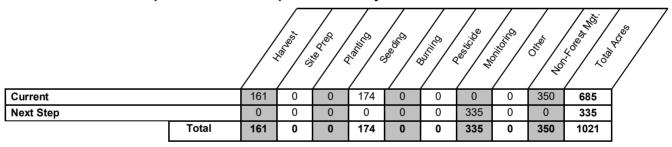
Compartment 3
Total Compartment Acres: 3,302

Commercial Harvest - 161 Harvests with Site Condition - 0 Next Step Harvest - 0 Habitat Cut - 0

Cover Type by Harvest Method



Proposed and Next Step Treatments by Method



Comment:

Proposed Start Date: 10/01/2017

26 11003026- 174.2 2113 - Forage Crops Nonstocked Unspec Seeding Machine Seed 212 - Non-tilled Draft Field Boundary
Seed Herbaceous Agriculture

Habitat Cut: No Site Condition: Wildlife Concerns

<u>Prescription</u> Planting of crops by share-crop farmer.

Specs:

Next Step Monitoring, Artificial Regen(1yr)

Treatments:

Acceptable Small grain crops.

Regen:

Other FTP # W-11-266 (2015)

Comment:

Proposed Start Date: 10/01/2017

35 11003035-NF 118.0 622 - Lowland Shrub Nonstocked Unspec NonForestMgt Brush Cutting 6220 -

ified

Site Condition: Wildlife Concerns

<u>Prescription</u> Every 2 years mow in winter 25 acres over 10 year period. Buffer snowmobile trail enough to prevent chips from being thrown onto the trial.

Specs:

Next Step Treatments:

Habitat Cut: No

Acceptable tag alder/ willow/ hazel

Regen:

Other Regenerate high stem density shrubs for American woodcock.

Comment:

Proposed Start Date: 10/01/2017

Draft Field

Boundary

Alder/willow

Compartment: 3 Year of Entry: 2018

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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
48	11003048-Cut	79.8	4112 - Maple, Beech, Cherry Association	Sawtimber Well	73	111- 140	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven- Aged	Draft Field Boundary

Habitat Cut: No Site Condition:

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:

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

Association

Regen:

Other Wld: Stand is in a deer wintering area and harvesting should be limited to winter to provide tops to feed on.

Comment:

Proposed Start Date: 10/01/2017

52 11003052-31021 - Cool 02 4111 - S.Maple, Sawtimber 81-110 Other Other Draft Field Herbicide Hard Mast Season Grass Boundary

Site Condition: Too Wet **Habitat Cut: No**

Prescription Herbicide both sides of impoundment

Specs:

Next Step Treatments:

Acceptable

Regen: Other Comment:

Proposed Start Date:

10/01/2017

NF 11003034-127.2 6239 - Mixed Nonstocked NonForestMgt Water Level 6239 - Mixed Unspec NonFor **Emergent Wetland** ified Management

Emergent Boundary Wetland

Draft Field

Site Condition: Wildlife Concerns **Habitat Cut: No**

Prescription Retain precipitation; pump water into Unit 7 from the permanent pump station located to the N, as needed. Plan prescribed burn to reduce shrub component and improve habitat for waterfowl once in 10 year period. Specs:

Next Step

Treatments:

Acceptable

Regen:

Other Comment: Maintain in a flooded condition, except during a scheduled drawdown. Be the water source for flooding Unit 8 to the south. Old next step comments: Drawdown in spring and summer of 2008; mow or manually cut invading woody vegetation; disc operable ground; seed Japanese millet in about half of the disced areas or areas left bare by the drawdown; leave the other half of the disced areas or areas left bare by the drawdown for growth of

moist soil plants from existing seedbank sources or from seeds distributed by birds; then reflood by September 30, 2008.

10/01/2017 **Proposed Start Date:**

s Year of Entry: 2018 а **Treatment** Acres Stand Size Stand BA **Treatment Treatment Cover Type** Age **Approval** n Method Objective Name CoverType Density Structure **Status** d Age Range Type NF 11003036-6239 - Mixed 6239 - Mixed Draft Field 36 79.5 Nonstocked Unspec NonForestMgt Water Level **Emergent Wetland** Emergent NonFor ified Management Boundary

Report 3 -- Treatments

Compartment: 3

Wetland

Habitat Cut: No Site Condition: Wildlife Concerns

Baraga Mgt. Unit

Prescription Retain precipitation. Pump water from Unit 7 into Unit 8 with a portable pump, as needed.

Specs:

Next Step Treatments:

Acceptable Regen:

Other Comment: Maintain in flooded condition, except during scheduled drawdown. Plan prescribed burn to reduce shrub component and improve habitat for waterfowl once in 10 year period. Old next step comments: Drawdown in spring and summer of 2009. Mow or manually cut invading woody vegetation. Disc operable ground. Seed Japanese millet in about half of the disced areas and areas left bare by the drawdown. Leave the other half of the disced areas and areas left bare by the drawdown for growth of moist soil plants from seedbank sources or from seeds dispersed by birds and

mammals. Then reflood by September 30, 2009.

Proposed Start Date: 10/01/2017

NF 11003045-24.8 310 - Herbaceous Unspec NonForestMgt 3105 - Mixed Draft Field Nonstocked Mowing NonFor Openland ified Upland Boundary Herbaceous

Habitat Cut: No Site Condition: Wildlife Concerns

Prescription Mow grass and forbs near buildings and in equipment depot areas with walk-behind, riding, or tractor-drawn mowers, as needed. Mow fields W of Specs:

the railroad track annually in late summer .

Next Step **Treatments:**

<u>Acceptable</u> Regen:

Other Maintain grounds near 3 buildings and adjacent, outside equipment depot areas in a presentable and utilitarian condition.

Comment:

Proposed Start Date: 10/01/2017

Total Treatment Acreage Proposed: 685.1

Report 4 – Site Conditions

Compartment: 3

Baraga Mgt. Unit

Jason Mittlestat : Examiner Year of Entry: 2018

Availa	ability for	Managemer	nt								
Total	Acres	Acres Avail	Acres	De	omina	nt Site	e Cond	ditions	S		
Acres	Available	With Condition	Not Available		1C	2F	2G	3D	3J	3L	5D
23	20	0	3	Aspen						3	
172	0	0	171	Cedar						171	
174	0	0	174	Cropland						174	
10	10	0	0	Hemlock							
25	0	0	25	Herbaceous Openland						25	
11	11	0	0	Low-Density Trees							
162	89	0	73	Lowland Aspen/Balsam Poplar			60	13			
1370	33	0	1336	Lowland Deciduous	8		270		28	1,031	
396	32	0	364	Lowland Shrub						364	
258	52	0	207	Marsh						207	
492	409	0	83	Northern Hardwood	1	67			9	6	
168	0	0	168	Tamarack						113	55
2	2	0	0	Upland Shrub							
38	38	0	0	Water							
3,302	698		2,604	Total Forested Acres	9	67	330	13	37	2,093	55
	21%		79%	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	Unavailable	3L: Other wildlife concerns	2,094	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: WLD does not want	to harvest due to deer yard.					
2	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	9	Unspecified	Unspecified	Unspecified	Unspecified
(Comments:						

Report 4 – Site Conditions

Baraga Mgt. Unit

Jason Mittlestat : Examiner

3 Unavailable	1C: Other dept or div proc/practices	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments:						
4 Unavailable	3D: Recreational / Scenic values	13	3L: Other wildlife concerns	Unspecified	Unspecified	Unspecified
Comments: Might cut in futur	re. WLD wants this stand for wild	life cove	er in the field.			
5 Unavailable	2F: Too steep	67	Unspecified	Unspecified	Unspecified	Unspecified
Comments:						
6 Unavailable	2G: Too wet (sensitive soils, does not include access issues)	61	2C: Engineered Bridge Needed (Dept. portable bridge not available or inadequate)	Unspecified	Unspecified	Unspecified
	get a bridge (40-50') to access th frost into the dams.	is stand	I when re-entering stand 23	to the south. We are not	able to freeze the dikes ir	a Arnheim due to not
7 Unavailable	3J: Water quality / BMPs (stream, river, or lake)	28	Unspecified	Unspecified	Unspecified	Unspecified
Comments:						
8 Unavailable	e 2G: Too wet (sensitive soils, does not include access issues)	41	Unspecified	Unspecified	Unspecified	Unspecified
Comments:						

Baraga Mgt. Unit

Jason Mittlestat : Examiner

9	Unavailable	1C: Other dept or div proc/practices	1	Unspecified	Unspecified	Unspecified	Unspecified			
_	Comments: up for disposal									
10	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	12	Unspecified	Unspecified	Unspecified	Unspecified			
Comments: Bottomland hdwds and aspen.										
12	Unavailable	5D: Unproductive Forest Land	55	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified			
C	Comments:									
13	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	218	Unspecified	Unspecified	Unspecified	Unspecified			
C	Comments:									

Compartment: 003
Year of Entry: 2018



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
	Habitat Areas or Corridors	Habitat Corridor	Proposed SCA	285
Comments Arnhiem Tamarack Comple	х.			
Arnhiem Tamarack Complex.	Habitat Areas or Corridors	Habitat Corridor	Proposed SCA	285
Comments Arnhiem Tamarack Complex	х.			
Arnhiem Tamarack Complex.	Habitat Areas or Corridors	Habitat Corridor	Proposed SCA	1032
Comments Arnhiem Tamarack Comple	х.			
Sturgeon River wildlife travel corridor.	Habitat Areas or Corridors	Habitat Corridor	Proposed SCA	91
Comments Sturgeon River wildlife trave	el corridor.			
Tama	Habitat Areas or Corridors	Habitat Corridor	Proposed SCA	1032
Comments Arnhiem Tamarack Complex	x.			

Baraga Mgt. Unit Compartment: 3
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	on 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 condition stocked trout populations and those of other coldwater fish specific conditions for coldwater fishes may occur in Michigan lakes if the groundwater inflows, or are located in colder (northern) areas of Director's action and designated as trout resources by Fisheries	es to persist from year to year. Suitable ey are relatively deep, have substantial the state. Such lakes are established by
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen cond stocked trout populations and those of other coldwater fish speci year to year. Coldwater streams in Michigan typically provide the contributions of groundwater to their stream flows. Such streams designated as trout resources by Fisheries Order 210.	es (e.g., slimy sculpin) to persist from se conditions due to substantial
SCA	Habitat Area	An area that provide some specific need for the life cycle of wildle and Waterfowl Production Areas, deer wintering complexes in low openings and savannas. Habitat areas are distinct from critical hendangered or threatened species (such as Kirtland's warbler or general in nature, are not primarily associated with threatened or covered by species recovery plans that are developed in cooperations.	wland conifer communities, grassland abitat designated for recovery of piping plover areas) in that they are more endangered species, and are not
SCA	Riparian Area	A transitional area between aquatic and terrestrial ecosystems in influences the aquatic ecosystem and vice-versa. Because of the streams and open water wetlands, riparian areas harbor a high communities are ecologically and socially significant in their effect as aesthetics, habitat, bank stability, timber production, and their	e unique conditions adjacent to lakes, liversity of plants and wildlife. Riparian cts on water quality and quantity, as well

S	Baraga	Mgt. Unit		Report 7	- Forested	Stands Compartment: 3 Year of Entry: 2018
t a n d	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
1	4111 - S.Maple, Hard Mast Association	Sawtimber Well	11.4	93	81-110	Access may be an issue. lots of drains in stand. stand is on a hillside across from public access site.
						Cut as Weir Hdwd 11-015-08-01
3	6113 - Lowland Maple	Sawtimber Well	43.0	94	111-140	Wet. Flooded timber. Lots of black and green ash regeneration.
4	6113 - Lowland Maple	Sawtimber Well	29.7	99	141-170	Wet River Bottom. Otter River.
5	4112 - Maple, Beech, Cherry Association	Poletimber Well	47.9	99	81-110	Stand was thinned in 2009. Otter Hdwd 11-019-08-01. Area was deleted by the map shop in 2016 and data was lost.
8	6115 - Lowland Ash	Poletimber Well	27.6	55	141-170	Wet river bottom. lots of small dbh elm
9	411 - Northern Hardwood	Sawtimber Well	1.4	99	Unspecified	Gov Lot that is up for disposal.
11	6112 - Lowland Aspen	Sapling Well	8.0	18	Unspecified	Wolf Dog Aspen. 1998 sale.
14	6113 - Lowland Maple	Poletimber Poor	8.0	61	1-50	Wet Ground.
15	6112 - Lowland Aspen	Sapling Well	67.1	18	Unspecified	Wolf Dog Aspen. 1998 sale.
16	6112 - Lowland Aspen	Sapling Well	14.0	18	Unspecified	Wolf Dog Aspen. 1998 sale.
17	42350 - Upland Hemlock	Poletimber Well	10.5	98	141-170	11-005-98-01 "Ray's Camp Hardwoods".
21	4119 - Mixed Northern Hardwoods	Poletimber Well	73.7	82	141-170	thinned 11-005-98-01 "Ray's Camp Hardwoods"
23	4110 - Sugar Maple Association	Poletimber Well	61.0	86	81-110	
24	6112 - Lowland Aspen	Poletimber Well	60.6	81	81-110	Some aspen cut out in past. extremely wet, let convert to lowland hardwoods. Aspen that is remaining is in poor condition. If feasible try to get a bridge to access this stand when re-entering stand 23 to the south. We are not able to freeze the dikes in Arnheim due to not wanting to drive frost into the dams.
25	4110 - Sugar Maple Association	Sawtimber Well	41.1	88	81-110	Hanka Hdwd 11-001-08-01
27	6112 - Lowland Aspen	Poletimber Well	12.7	61	51-80	Wet Ground.

S t	Baraga	Baraga Mgt. Unit				Stands Compartment: 3 Year of Entry: 2018
a n d	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
28	4112 - Maple, Beech, Cherry Association	Poletimber Well	59.7	87	81-110	use stand 50 &51 for stocking info. stand previously stand condition 8 but taken out at compartment review 12/7/06 and prescribed for selection harvest.
						Was harvested as Bennick Hdwd 11-021-08-01
29	6115 - Lowland Ash	Sapling Well	217.8	58	1-50	previously stand condition 8, now an SCA. bottom land hardwoods and wildlife corridor.
30	4112 - Maple, Beech, Cherry Association	Poletimber Well	67.0	96	111-140	Previously stand condition 8, now an SCA. wildlife corridor. river corridor/BMP issues.
						Stand has very poor/ no access and is also a corridor to the Otter River. would need considerable road work and once it is adequately buffered there would be little left to harvest.
31	6121 - Tamarack	Poletimber Well	81.7	64	51-80	Wet site - within the Surgeon river sloughs. The tamarack is showing decline.
37	6113 - Lowland Maple	Sapling Well	1,031.7	10	1-50	previously stand condition 8, now an SCA. wildlife migration route. mantain current snowmobile trail route through stand.
						Previously was a tamarack stand. The tamarack has all but died out.
38	6121 - Tamarack	Poletimber Well	55.2	78	51-80	Very wet. Tamarack more prevalent on the fringe. Non-productive forest land.
40	6121 - Tamarack	Poletimber Well	5.9	64	1-50	Very Wet. Small stand on the edge of a dike road of the sturgeon river floodings.
42	6121 - Tamarack	Poletimber Well	25.5	57	51-80	Very wet. Part of the Surgeon River Slough flooding.
43	4112 - Maple, Beech, Cherry Association	Poletimber Well	4.6	76	51-80	Small stand in ditches separating fields.
44	4130 - Aspen	Sapling Well	23.0	8	1-50	C3 Aspen 11-003-08-01
46	6120 - Lowland Cedar	Poletimber Well	79.4	95	171-200	Snowmobile trail runs through the stand.
47	6120 - Lowland Cedar	Poletimber Well	92.1	95	171-200	
48	4112 - Maple, Beech, Cherry Association	Sawtimber Well	79.8	73	111-140	11-017-98-01 "Neon Lights Hardwoods", heavy deer browse.
49	6119 - Mixed Lowland Deciduous Forest	Sapling Well	7.9	33	Unspecified	Test cut in the 80's.
						Seems to be regenerating well. Some nice cedar coming up.

s t	Baraga Mgt. Unit			Report 7	– Forested	Stands Compartment: 3 Year of Entry: 2018
a n d	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
50	4112 - Maple, Beech, Cherry Association	Poletimber Well	11.6	88	81-110	Helberg Hdwd 11-017-08-01
51	4112 - Maple, Beech, Cherry Association	Poletimber Well	24.2	83	81-110	Helberg Hdwd 11-017-08-01
52	4111 - S.Maple, Hard Mast Association	Sawtimber Well	9.2	93	81-110	Lots of drains in stand. Stand is on a hillside across from public access site. BMP issues.
59	6119 - Mixed Lowland Deciduous Forest	Poletimber Poor	3.8	61	1-50	Very Wet.

Report 8 - Nonforested Stands



Stand	Cover Type	Acres	Managed Site	General Comments:
2	500 - Water	11.7	No	
6	320 - Upland Shrub	2.3	No	Easement along power line ROW to access state land.
7	500 - Water	5.5	No	Otter River
12	622 - Lowland Shrub	5.3	No	Heavy Tag Alder.
13	622 - Lowland Shrub	3.2	No	
18	622 - Lowland Shrub	23.3	No	Heavy Tag Alder with a few black scattered black ash. Old beaver flooding.
19	6230 - Cattail	49.4	No	Marsh
20	330 - Low-Density Trees	11.3	No	Scattered ash with tag alder. Wet.
22	500 - Water	20.8	No	
26	2113 - Forage Crops	174.2	Yes	
32	629 - Mixed non-forested wetland	38.5	No	previously stand condition 8, now an SCA
33	629 - Mixed non-forested wetland	93.0	No	previously stand condition 8, now an SCA
34	6239 - Mixed Emergent Wetland	127.2	Yes	
35	622 - Lowland Shrub	118.0	No	
36	6239 - Mixed Emergent Wetland	79.6	Yes	
39	629 - Mixed non-forested wetland	24.1	No	previously stand condition 8, now an SCA.
41	622 - Lowland Shrub	90.2	No	
45	310 - Herbaceous Openland	24.8	Yes	Grassy opening around WLD barns.

Baraga Mgt. Unit

Report 8 - Nonforested Stands



Stand	Cover Type	Acres	Managed Site	General Comments:
58	6230 - Cattail	2.2	No	