



ATLANTA FOREST MANAGEMENT UNIT
COMPARTMENT REVIEW PRESENTATION
COMPARTMENT 081 ENTRY YEAR: 2010

Compartment Acreage: 497 County: Alpena

Revision Date: October 16, 2008

Stand Examiner: Barber

Legal Description: T29N, R06E, Sec. 20 and 21

RMU (if applicable):

Management Goals: Timber growth, wetlands protection.

Soil and Topography: Mostly wetlands, rising to a rolling hardwood stand in the west.

Ownership Patterns, Development, and Land Use in and Around the Compartment: Surrounding land is mostly swampland. Land to the north is state ownership.

Unique, Natural Features (include only non-site specific and non-sensitive information): None reported.

Archeological, Historical, and Cultural Features (include only non-site specific and non-sensitive information): None Reported.

Special Management Designations or Considerations: Access is poor.

Watershed and Fisheries Considerations: Wolf Creek and its tributaries are SCA's in the coldwater stream layer.

Wildlife Habitat Considerations:

Mineral Resource and Development Concerns and/or Restrictions: Surface sediments consist of coarse-textured till and glacial outwash sand and gravel and postglacial alluvium. The glacial drift thickness varies between 200 and 400 feet. Beneath the glacial drift is the Devonian Antrim Shale. The Antrim is quarried for cement products elsewhere in the County. Gravel pits are located in the area and potential is good on the uplands. This area is leased, drilled and producing from the Antrim Shale.

Vehicle Access: Roads to be closed are shown on the compartment map as closed or abandoned.

Survey Needs: None.

Recreational Facilities and Opportunities: Hunting.

Fire Protection: Adequate. May require hand crew due to poor vehicle access.

Additional Compartment Information:

- **The following 5 reports from the Operations Inventory System (OIPC) are attached:**
 - ◆ **Cover Type by Age Class**
 - ◆ **Cover Type by Management Objective**
 - ◆ **Compartment Volume Summary**
 - ◆ **Proposed Treatments – No Limiting Factors**
 - ◆ **Proposed Treatments – With Limiting Factors**

- **The following information is displayed, where pertinent, on the attached compartment maps:**
 - ◆ **Base feature information, stand numbers, cover types**
 - ◆ **Proposed treatments**
 - ◆ **Proposed road access system**
 - ◆ **Suggested potential old growth**

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Michigan Department of Natural Resources - Operations Inventory System
Individual Compartment Report

MACKINAW STATE FOREST

ATLANTA FOREST MGT UNIT

ALPENA COUNTY

COMPARTMENT: 81

Table 3

(acres shown in boxes)

STAND AGE CLASS

COVER TYPE	Not Coded	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150-159	All Aged	Total
Aspen						39													39
Cedar											7	7	12		195				221
Grass	1																		1
Lowlnd Brush	44																		44
Lowlnd Poplr				7		19													26
Marsh	11																		11
Spruce Fir									6		4								10
Swamp Hrdwds												121							121
Upland Brush	1																		1
Upland Hdwds						23													23
Total	57			7		81			6		11	128	12		195				497

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Michigan Department of Natural Resources - Operations Inventory System
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ALPENA COUNTY

COMPARTMENT: 81

Table 3A

(acres shown in boxes)

MANAGEMENT OBJECTIVE TYPE

COVER TYPE	A	S	V	C	G	H	J	I	L	P	N	Q	X	O	B	R	K	Y	F	E	T	D	U	M	Z	W	Total
A Aspen	39																										39
C Cedar				221																							221
G Grass					1																						1
L LowInd Brush									44																		44
P LowInd Poplr										26																	26
N Marsh											11																11
F Spruce Fir																			10								10
E Swamp Hrdwds																				121							121
U Upland Brush																							1				1
M Upland Hdwds																								23			23
Total	39			221	1				44	26	11								10	121			1	23		497	

MACKINAW STATE FOREST

ATLANTA FOREST MGT UNIT

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COMPARTMENT: **81**

Table 10 - COMPARTMENT VOLUME SUMMARY - ALL STANDS

COMPARTMENT SUMMARY	
TOTAL VOLUME	CUT VOLUME
Hardwood 1196 Cds	
Hardwood 553 Mbf	
Softwood 1389 Cds	
Softwood 35 Mbf	
Sum TotVol 3761 Cds	
Total Cmpnt Acres	Acres Proposed For Cut..... 0
497	

**Proposed Treatments
With NO Limiting Factors**

Compartment: 81

Entry Year: 2010

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FD Status
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Total Acres..... 0

**Proposed Treatments
With Limiting Factors**

Compartment: 81

Entry Year: 2010

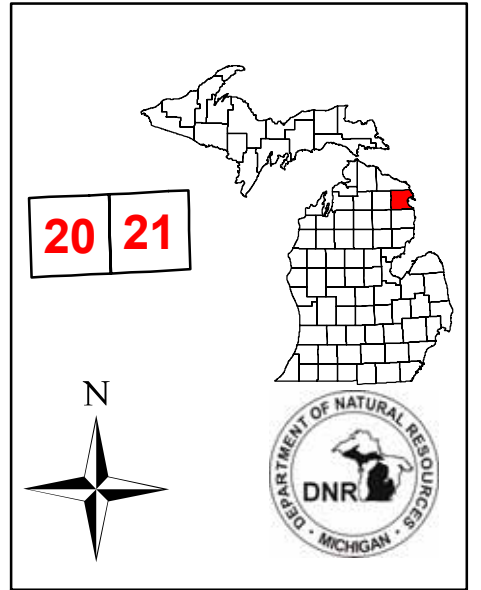
Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FD Status
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TREATMENT LIMITING FACTORS:

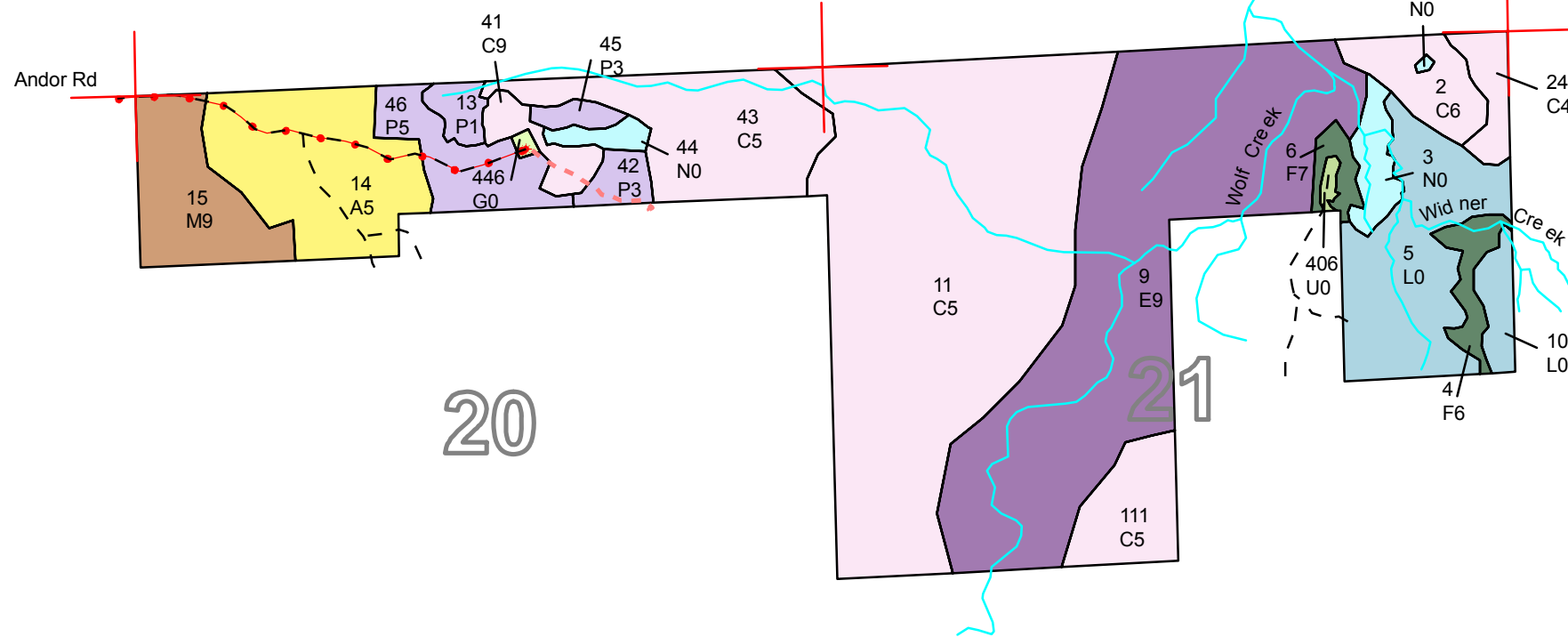
Total Acres..... **o**

Compartment 81
 T29N, R06E, Sec. 20, 21
 County: Alpena
 Unit: Atlanta
 YOY: 2010
 Acres: 497 GIS Calculated
 Stand Examiner: Richard Barber
 Map Revised: 7/01/2008
 Map Phase: Pre-review

Cover Type and Treatment



- Legend**
- Miris Corners
 - - Poor Dirt Roads
 - - - Closed Roads
 - Pipelines
 - Water Features
 - * Gas Wells
 - Stand Boundary



13

17

16

24

19

20

21

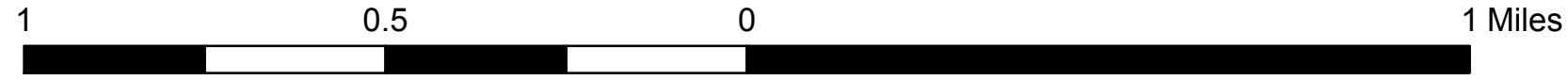
25

30

29

28

27



44°54'0"N

44°54'0"N

44°53'0"N

44°53'0"N

83°46'0"W

83°45'0"W

83°44'0"W

83°43'0"W

83°42'0"W

83°46'0"W

83°45'0"W

83°44'0"W

83°43'0"W

83°42'0"W

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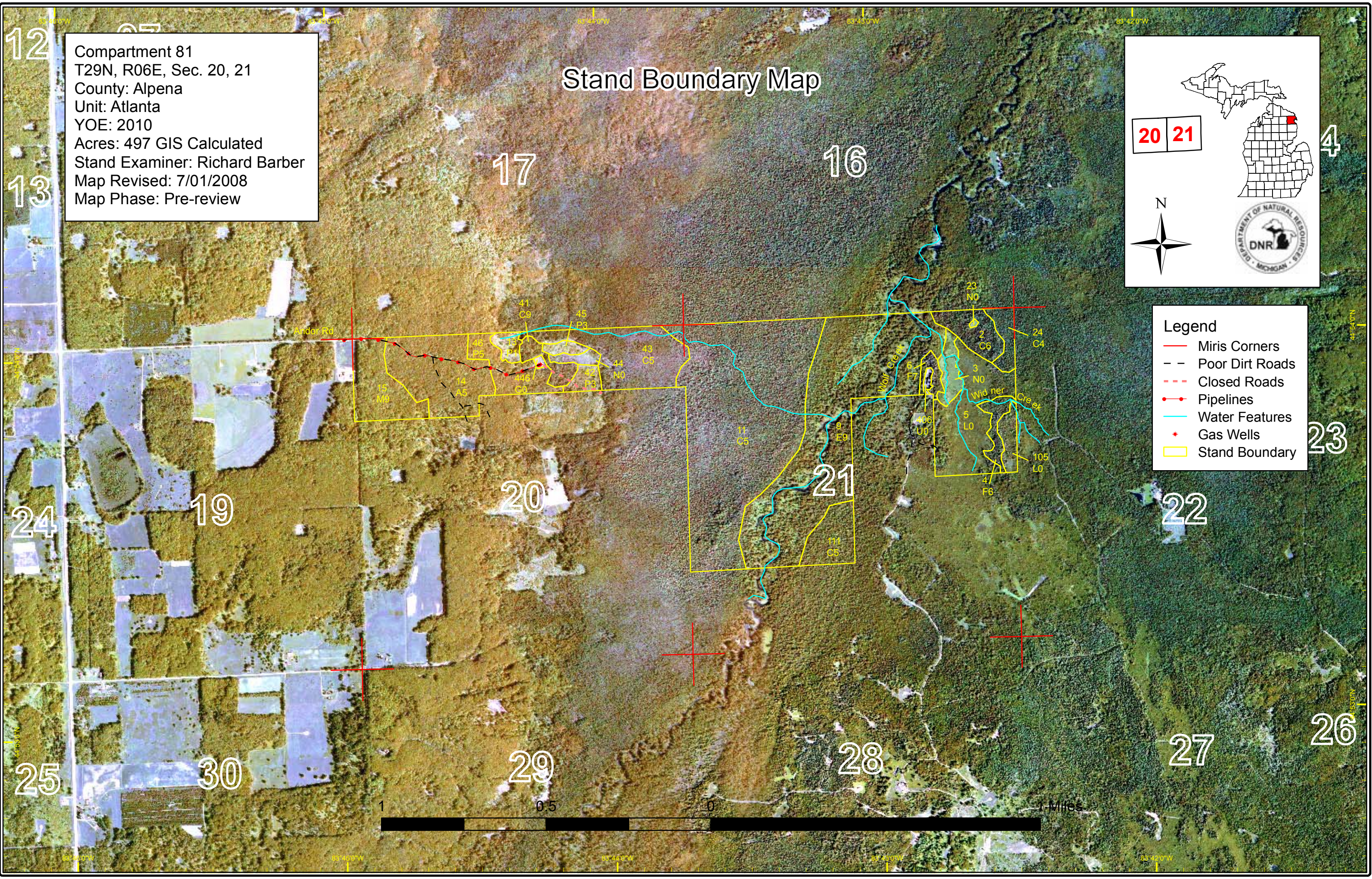
Stand Boundary Map

20 21

N

Legend

- Miris Corners
- - Poor Dirt Roads
- - - Closed Roads
- Pipelines
- Water Features
- + Gas Wells
- Stand Boundary



Dedicated & Proposed Special Conservation Area Map

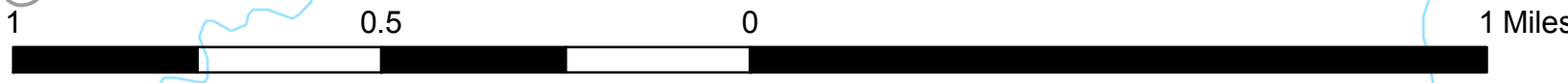
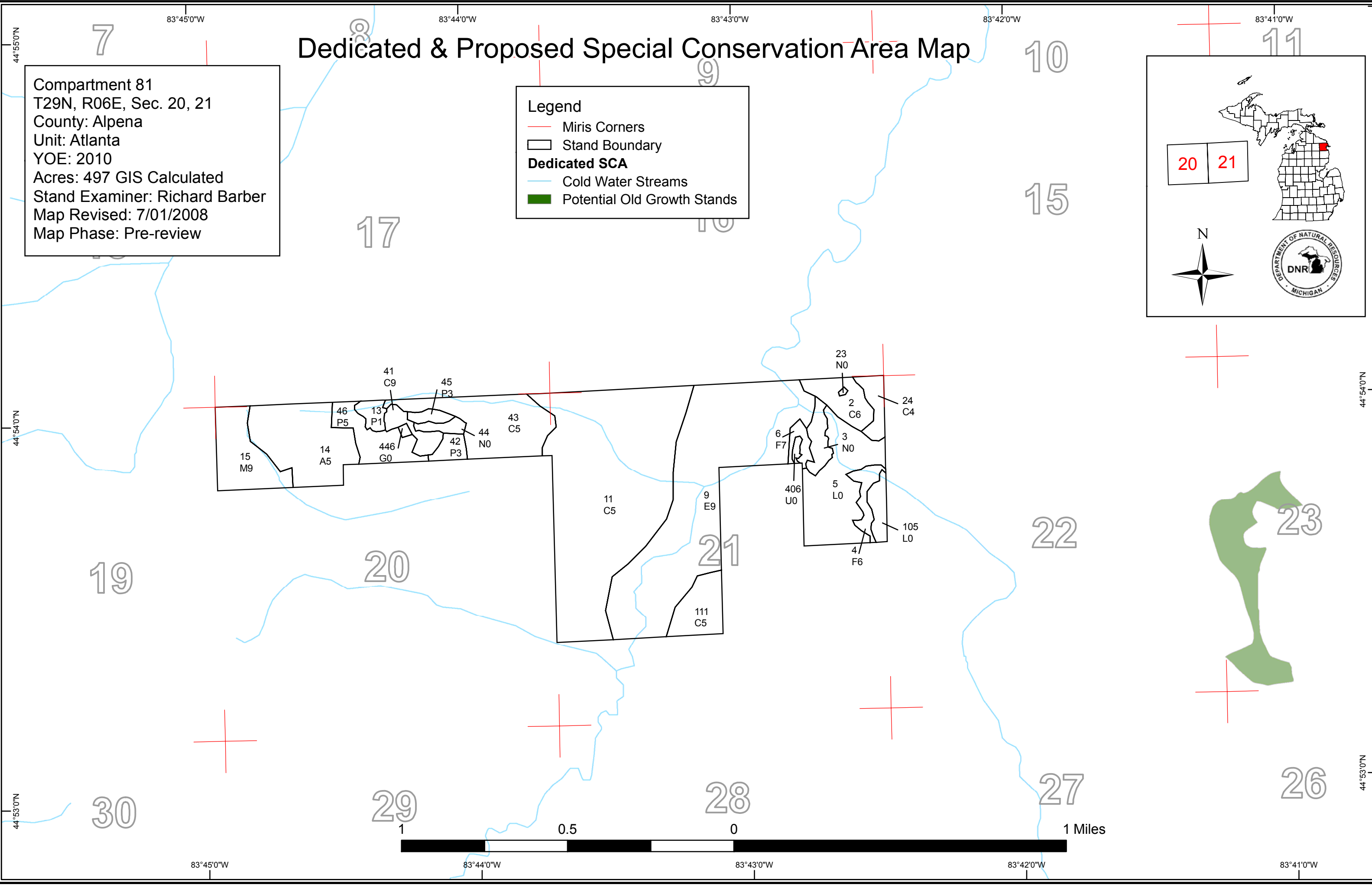
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Legend

- Miris Corners
- Stand Boundary
- Cold Water Streams
- Potential Old Growth Stands

Dedicated SCA

N
 DEPARTMENT OF NATURAL RESOURCES
 DNR
 MICHIGAN





DEDICATED CONSERVATION AREA DETAILS

* This is a list of Dedicated Biodiversity Areas for this compartment along with a 1/4 mile buffer surrounding the compartment. Refer to Dedicated Conservation Area Map for areas that the below listed Conservation Areas are located.

ERA = Ecological Reference Area
 HCVA = High Conservation Value Area
 SCA = Special Conservation Area

Conservation Area	Type	Description
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species (e.g., slimy sculpin) to persist from year to year. Coldwater streams in Michigan typically provide these conditions due to substantial contributions of groundwater to their stream flows. Such streams are established by Director's action and designated as trout resources by Fisheries Order 210.