



**PIGEON RIVER COUNTRY MANAGEMENT UNIT
COMPARTMENT REVIEW PRESENTATION**

COMPARTMENT #27 ENTRY YEAR: 2004

Compartment Acreage: 1,592 County: Cheboygan

Revision Date:

August 15, 2002

Stand Examiner:

Rick McDonald

Legal Description:

T33N – R01E sections 19, 20 and 21

RMU (if applicable):

Not applicable

Management Goals:

Maintain current species mix and apply appropriate management techniques to mature stands of timber that are in need of treatment.

Soil and Topography:

Flat to gently rolling terrain. Predominantly sandy soil types throughout the compartment of varying names and associations, except in the lowland swamp types.

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

Primarily solid state ownership with some in-holdings of private land. Land surrounding this compartment is mostly all state owned land.

Unique, Natural Features (include only non-site specific and non-sensitive information):

Anyone who would like information about threatened or endangered species in this compartment should contact the Michigan Natural Features Inventory, PO Box 30444, Lansing, MI 48909; (517) 373-1552; www.msue.msu.edu/mnfi.

Archeological, Historical, and Cultural Features (include only non-site specific and non-sensitive information):

None identified.

Special Management Designations or Considerations:

No special management considerations for this compartment.

Watershed and Fisheries Considerations:

A large portion of the Black River flows through the compartment. The McMasters Creek, which is a tributary to the Black River, also flows through about 2/3 of the compartment.

Wildlife Habitat Considerations:

A Wildlife Division representative will be available to participate in the formal compartment review.

Mineral Resource and Development Concerns and/or Restrictions:

Surface sediments consist of glacial outwash sand and gravel and postglacial alluvium and minor coarse-textured glacial till in the NE. Glacial drift thickness varies between 100 and 400 feet. There is approximately 65 feet of local relief within the compartment. Beneath the glacial drift is the Devonian Antrim Shale, quarried for clay/shale and cement products elsewhere in the State. The nearest gravel pit is four miles to the northeast and potential may be good on the upland areas. This area was previously leased for oil and gas development. The Antrim Shale subcrops in this area and there is minimal potential. The Niagaran reef trend produces to the east and additional reef potential is likely in this compartment.

Vehicle Access:

There is good access to most of the compartment. Many of the roads, however, have been closed to wheeled motorized vehicles with virtually all those closures still intact.

Survey Needs:

None required.

Recreational Facilities and Opportunities:

Hunting is the primary recreational use of this area.

Fire Protection:

Access is good in case of any fire suppression efforts, though the area is generally at low risk to any wildfire potential

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

PIGEON RIVER COUNTRY MGT UNIT

CHEBOYGAN COUNTY

COMPARTMENT: 27

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		134	179	147	35	9	20	5		11								5	545
Black Spruce							14	17	4										35
Cedar										67		63		75				3	208
Grass	28																		28
Jack Pine					9	15	29			15									68
Lowlnd Brush	109			14															123
Mx Swmp Cnfr				14					3	6								157	180
Oak								19											19
Paper Birch																		5	5
Red Pine						42				7	3							23	75
Spruce Fir			10	8	8														26
Swamp Hrdwds										150									150
Tamarack									11										11
Treed Bog							5												5
Upland Brush	67				9														76
Upland Hdwds									3										3
Water	10																		10
White Pine				3		5							1					16	25
Total	214	134	189	186	61	71	68	41	21	256	3	63	1	75				209	1592

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

MACKINAW STATE FOREST

PIGEON RIVER COUNTRY MGT UNIT

CHEBOYGAN COUNTY

COMPARTMENT: 27

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	545																										545
S Black Spruce		35																									35
C Cedar				208																							208
G Grass					28																						28
J Jack Pine							68																				68
L Lowlnd Brush									123																		123
Q Mx Swmp Cnfr												180															180
O Oak														19													19
B Paper Birch															5												5
R Red Pine																75											75
F Spruce Fir																			26								26
E Swamp Hrdwds																				150							150
T Tamarack																					11						11
D Treed Bog																						5					5
U Upland Brush																								76			76
M Upland Hdwds																								3			3
Z Water																									10		10
W White Pine																										25	25
Total	545	35		208	28		68		123			180		19	5	75			26	150	11	5	76	3	10	25	1592

MACKINAW STATE FOREST

PIGEON RIVER COUNTRY MGT UNIT

CHEBOYGAN COUNTY

COMPARTMENT: **27**

Table 10 - COMPARTMENT VOLUME SUMMARY - ALL STANDS

COMPARTMENT SUMMARY			
TOTAL VOLUME		CUT VOLUME	
Hardwood	4375 Cds	Hardwood	554 Cds
Hardwood	120 Mbf	Hardwood	44 Mbf
Softwood	7978 Cds	Softwood	434 Cds
Softwood	721 Mbf	Softwood	62 Mbf
Sum TotVol	14035 Cds	Sum CutVol	1200 Cds
Total Cmpt Acres		Acres Proposed For Cut.....	92
1592		Acres Meeting Silv Criteria.....	240
		Acres Not Meeting Silv Criteria.....	1352
		Acres Unable to Determine Silv Criteria For.....	

PIGEON RIVER COUNTRY MGT UNIT

**Proposed Treatments
With NO Limiting Factors**

Compartment: 27

Entry Year: 2004

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDF Status
25	R6	14		65	red pine	unevenaged	selection	1		
comnts Fmd : Part of larger stand in Comp. 25 (yoe 2002). That stand is already scheduled to be thinned in the summer of 2002, so work for this stand will be done at that time.										
35	J6	15	83	64	jack pine	mature	seed tree	1		
comnts Fmd : Narrow strip of pine along old clearcut, semi-wet ground. Stand extends into Comp. 25 to the north.										
44	A6	9	44	60	aspen (upland)	immature	delayed removal	1		
comnts Fmd : UNCUT PORTION OF A LARGER STAND - MUST BE HELD TEN YEARS										
50	O6	17	65	68	oak	mature	seed tree	1		
comnts Fmd : STAND TOO SMALL AND REMOTE TO SCHEDULE										
89	A6	18	57	62	aspen (upland)	mature	final harvest	1		
comnts Fmd : Leave Oak and some seed tree Red Pine										
94	A6	2	57	62	aspen (upland)	mature	final harvest	1		
comnts Fmd : Aspen is in decline. Harvest with Red Pine.										
95	R6	17	41	45	red pine	immature	thinning	1		
406	G0	10			grass	nonstocked		0	planting	
comnts Fmd : Wildlife created this opening back in the '70's. Pretty good ground. It could use some attention because deer and elk use this area throughout the year.										
Total Acres.....		102								

**Proposed Treatments
With Limiting Factors**

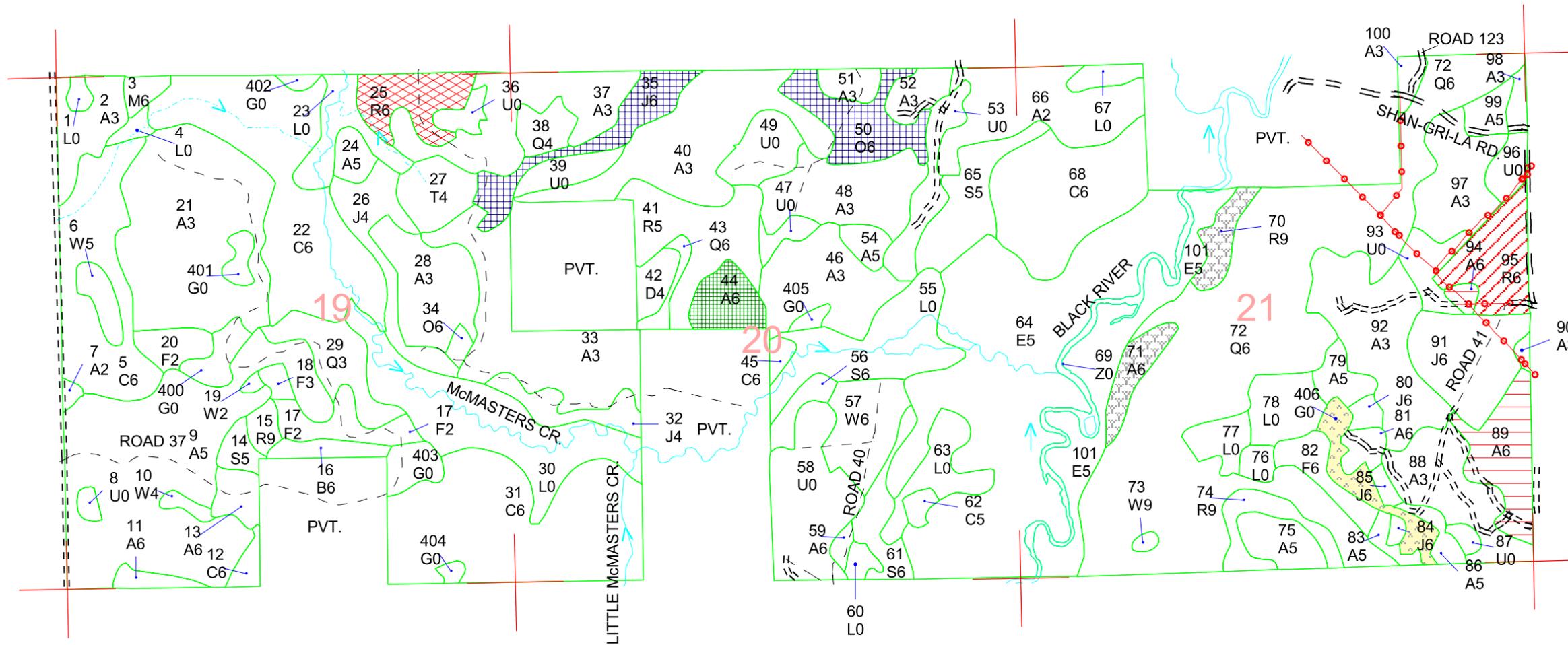
Compartment: 027 Entry Year:

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..... 0

COMPARTMENT 27
 T33N, R1E, SEC. 19-21
 COUNTY: CHEBOYGAN
 UNIT: PIGEON RIVER COUNTRY
 FOREST: MACKINAW
 YOY: 2004
 ACRES: 1,592 GIS CALCULATED
 MAP REVISED: 8/14/2002
 STAND EXAMINER: RICK MCDONALD



LEGEND

- MIRIS CORNER
- GRAVEL & GOOD DIRT ROADS
- POOR DIRT ROADS
- RIVERS
- INTERMITTENT STREAMS
- POWER LINES
- STAND BOUNDARY
- OLD GROWTH
- FINAL HARVEST
- SEED TREE
- THINNING
- DELAYED REMOVAL
- SELECTION
- PLANTING

N

