



**GRAYLING FOREST MANAGEMENT UNIT  
COMPARTMENT REVIEW RESENTATION**

**COMPARTMENT # 247 ENTRY YEAR: 2008**

**GIS Compartment Acreage: 1855 County: Crawford**

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**Revision Date:** October 6, 2006

**Stand Examiner:** Joan Charlebois

**Legal Description:** T28N R2W Sections 7, 8, 9

**Management Goals:** The compartment lies entirely within the Michigan Army National Guard's fenced high-impact air-to-ground bombing Range 40 Complex. No access is allowed for field inventory. Forest management entry occurs only at the request of the Military to meet their specified needs.

**Soils and Topography:** No soil surveys have been undertaken. The area is characterized by flat to gently rolling terrain.

**Ownership Patterns, Development, and Land Use in and Around the Compartment:** Range 40 encompasses the compartment.

**Unique, Natural Features (include only non-site specific and non-sensitive information):** None are known, but there is the potential for several plant and insect species associated with dry grassy openings.

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

**Special Management Designations or Considerations:** None

**Watershed and Fisheries Considerations:** The East Branch of the AuSable, part of a designated Natural River system, flows out of Barnes Lake in Section 7.

**Wildlife Habitat Considerations:** None.

**Mineral Resource and Development Concerns and/or Restrictions:** Surface sediments consist of ice-contact and glacial outwash sand and gravel and postglacial alluvium. The glacial drift thickness varies between 600 and 800 feet. Beneath the glacial drift is the Coldwater Shale. The Coldwater does not have a current economic use. The nearest gravel pit is located several miles to the southeast, but potential is good. The Compartment is not currently leased for oil and gas development. The nearest production is from the Antrim Shale to the north. Development is precluded by the area's current use.

**Vehicle Access:** None, except for authorized military use.

**Survey Needs:** None.

**Recreational Facilities and Opportunities:** Absolutely none.

**Fire Protection:** The area burns regularly, so fuel loading is light. No fire suppression action is taken within the fenced area.

**Additional Compartment Information:**

**LOTS Compartment Acreage: \_\_1816\_\_**

- **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

AUSABLE STATE FOREST

GRAYLING FOREST MGT UNIT

CRAWFORD COUNTY

COMPARTMENT: 247

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	75																										75
N Marsh											103																103
O Oak														145													145
U Upland Brush																								1491			1491
Z Water																									41	41	
<b>Total</b>	75										103			145										1491	41	1855	

AUSABLE STATE FOREST

GRAYLING FOREST MGT UNIT

CRAWFORD COUNTY

COMPARTMENT: **247**

**Table 10 - COMPARTMENT VOLUME SUMMARY - ALL STANDS**

COMPARTMENT SUMMARY	
TOTAL VOLUME	CUT VOLUME
<b>Total Cmpt Acres</b> 1855	Acres Proposed For Cut..... 0

**Proposed Treatments  
With NO Limiting Factors**

**Compartment: 247**

**Entry Year: 2008**

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<b>Stand</b>	<b>Cover Type</b>	<b>Acres</b>	<b>Age</b>	<b>Site Index</b>	<b>Mgt Obj</b>	<b>Condition</b>	<b>Method Cut</b>	<b>Harvest Priority</b>	<b>Cultural Need</b>	<b>FDF Status</b>
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**Total Acres..... 0**

**Proposed Treatments  
With Limiting Factors**

**Compartment: 247**    Entry Year: 2008

<b>Stand</b>	<b>Cover Type</b>	<b>Acres</b>	<b>Age</b>	<b>Site Index</b>	<b>Mgt Obj</b>	<b>Condition</b>	<b>Method Cut</b>	<b>Harvest Priority</b>	<b>Cultural Need</b>	<b>FDF Status</b>
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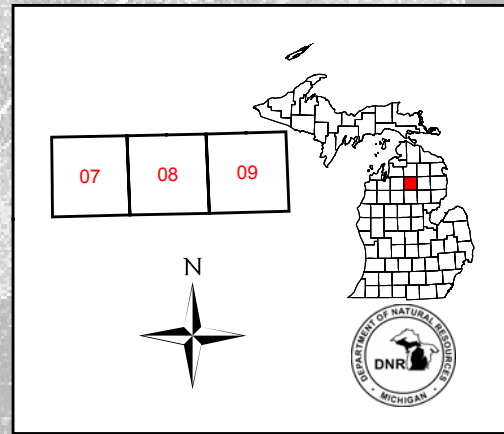
TREATMENT LIMITING FACTORS:

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Total Acres..... 0

# Field Map

Compartment 247  
T28N, R02W, Sec. 7, 8, 9  
County: Crawford  
Unit: Grayling  
YOE: 2008  
Acres: 1,855 GIS Calculated  
Stand Examiner: Joan Charlebois  
Map Revised: 10/16/2006  
Map Phase: Pre-review



- Legend**
- Miris Corners
  - Gravel Roads
  - Poor Dirt Roads
  - Water Features
  - Stand Boundaries
  - Biodiversity/Old Growth Area

