



**ROSCOMMON FOREST MANAGEMENT UNIT
COMPARTMENT REVIEW PRESENTATION**

COMPARTMENT # 14 ENTRY YEAR: 2007

Compartment Acreage: 635 County: Roscommon

Revision Date: 4/12/05

Stand Examiner: D. Ekdom

Legal Description: T24N R2W Sections 6, 7, & 8

RMU (if applicable): Not Applicable

Management Goals: Maintain current age and species diversity in a range of early and late successional ecosystems.

Soil and Topography: Terrain is generally flat to rolling hills. The north portion of the compartment is low and soils consisting of Rifle peat, Newton loamy sand, and Saugatuck sand. The southern portion of the compartment is upland with soils consisting of Grayling sand, Roselawn sand, and Roselawn gravelly sandy loam.

Ownership Patterns, Development, and Land Use in and Around the Compartment: A portion of the compartment lies within the boundary of the Village of Roscommon. This compartment comprises the west 3 sections of the Forest Fire Experiment Station. Private property within the compartment is fairly evenly distributed between subdivisions, permanent residences, and industrial/commercial properties.

Unique, Natural Features: The Marguerite Gahagan Nature Preserve is in the SENW and E1/2SW of section 7. The sand pit in the SESE section 18 is used as a shooting range by the local residents.

Archeological, Historical, and Cultural Features: None known or detected during fieldwork.

Special Management Designations or Considerations: Part of the Michigan Department of Natural Resources Forest Fire Experiment Station.

Watershed and Fisheries Considerations: Robinson Creek (a trout stream) runs along the east edge of the compartment.

Wildlife Habitat Considerations:

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 200 and 600 feet. Beneath the glacial drift is the Mississippian Michigan Formation. The Michigan is quarried for gypsum in other areas of the State. Most of the good gravel pits are associated with upland areas. The nearest gravel pit is in Section 18 and potential is good on the upland areas. St. Helen Field lies five miles to the east. The field has produced over 8.7 million BO and 14.7 Bcf gas from the Devonian

Richfield Formation. It is in secondary recovery operations currently. None of the State land in the compartment is currently leased.

Vehicle Access: Vehicle access to most of the compartment is excellent via state highway, county roads, and forest two-tracks except in section 6 where access is limited by wet terrain and private property.

Survey Needs: None necessary at this time.

Recreational Facilities and Opportunities: No organized state recreation facilities are present in this compartment. However, hunting and fishing opportunities are plentiful.

Fire Protection: In general, fire protection in this compartment should not be a problem due to access, terrain, and proximity to the Roscommon Field Station. However, access for fire suppression equipment into the northern 1/3rd of the compartment could be a problem due to lower and wetter terrain and there is a well developed wildland-urban interface due to the proximity to the Village of Roscommon.

Additional Compartment Information: 29 acres of final harvest in jack pine types are currently on proposal. An additional 67 acres of final harvests in oak and jack pine types are proposed.

- **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

ROSCOMMON FOREST MGT UNIT

ROSCOMMON COUNTY

COMPARTMENT: 14

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	152																										152
G Grass					10																						10
J Jack Pine							101							11		29											141
L Lowlnd Brush									40																		40
P Lowlnd Poplr										8																	8
Q Mx Swmp Cnfr												53															53
X Non Stocked													4														4
O Oak	2													171													173
E Swamp Hrdwds																				33							33
T Tamarack																					6						6
W White Pine																										15	15
Total	154				10		101		40	8		53	4	182		29				33	6					15	635

AUSABLE STATE FOREST

ROSCOMMON FOREST MGT UNIT

ROSCOMMON COUNTY

COMPARTMENT: **14**

Table 10 - COMPARTMENT VOLUME SUMMARY - ALL STANDS

COMPARTMENT SUMMARY			
TOTAL VOLUME		CUT VOLUME	
Hardwood	2055 Cds	Hardwood	576 Cds
Hardwood	889 Mbf	Hardwood	367 Mbf
Softwood	2000 Cds	Softwood	541 Cds
Softwood	237 Mbf	Softwood	5 Mbf
Sum TotVol	6307 Cds	Sum CutVol	1861 Cds
Total Cmpt Acres		Acres Proposed For Cut.....	
635		96	

ROSCOMMON FOREST MGT UNIT

**Proposed Treatments
With NO Limiting Factors**

Compartment: 14

Entry Year: 2007

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDF Status
23	J6	29	68	54	red pine	mature	final harvest	6	planting	
comnts Fmd : STAND IS UNDER CONTRACT - T'SALE 371-019-04-01 (BLOCK 1166), SOME GREEN MARKED TREES TO LEAVE ALONG M-18										
36	O9	60	78	50	oak	mature	final harvest	1		
comnts Fmd : PIN OAK STAND WITH GOOD U.S. OF OAK/RM, HARVEST WITH 4" SPEC. TO PROTECT U.S., ROLLING TERRAIN WITH SOME FROST POCKETS, INTERPLANT RED PINE IF INSUFFICIENT REGENERATION OF OAK/ASPEN/RED MAPLE EXISTS IN SPOTS										
41	O6	2	83	57	aspens (upland)	mature	final harvest	1		
comnts Fmd : MOSTLY HARDWOOD WITH POCKETS OF R/W PINE, FINAL HARVEST AND MANAGE FOR ASPEN/OAK, PAINT OUT SMALL POCKETS OF R/W PINE AND LEAVE THOSE AREAS FOR VISUAL, STAND #20 IN COMPARTMENT 13 TO THE EAST WILL MOST LIKELY BE CUT IN 2009										
45	J6	5	55	51	oak	mature	final harvest	1		
comnts Fmd : FINAL HARVEST AND SAVE OAK U.S., LEAVE ALL OAK BETWEEN POWERLINE R.O.W. AND ROBINSON LAKE ROAD FOR MAST/SEED/VISUAL, PLANT RED PINE OR JACK PINE IF OAK REGENERATION IS INADEQUATE										
Total Acres.....		96								

**Proposed Treatments
With Limiting Factors**

Compartment: 14

Entry Year: 2007

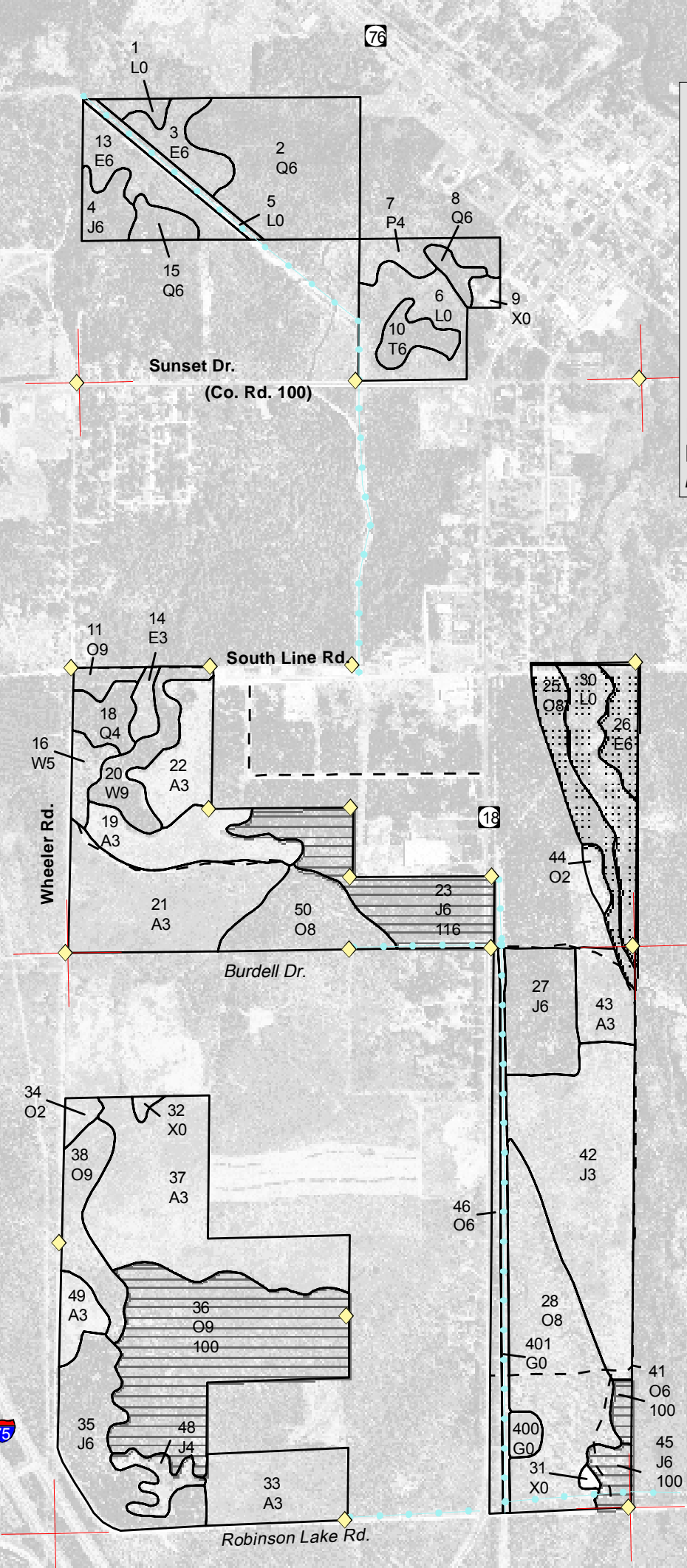
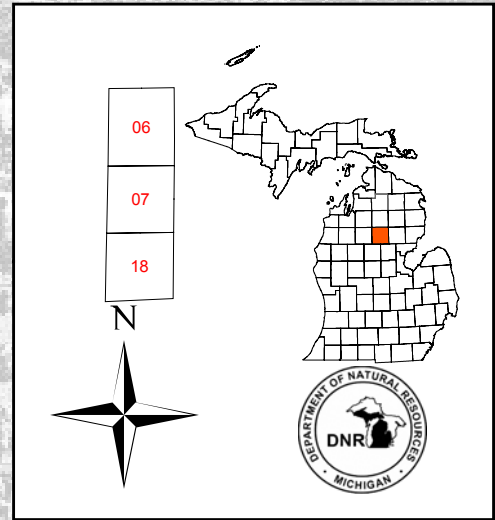
Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FD Status
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TREATMENT LIMITING FACTORS:

Total Acres..... 0

Compartment 14
 T24N, R2W, Sec. 6, 7, 18
 County: Roscommon
 Unit: Roscommon
 YOY: 2007
 Acres: 635 GIS Calculated
 Stand Examiner: Dale Ekdorn
 Map Revised: 10/25/2005
 Map Phase: Pre-review

Field Map



Legend

- RLS Corners
- Miris Corners
- Poor Dirt Roads
- Powerlines
- Interstate Highway
- State Highway
- Stand Boundary
- Biodiversity/Old Growth Area
- 100 - Final Harvest
- 116 - Final Harvest/Planting

Name County Paved Roads
Name Public Paved Roads
Name Public Gravel Roads

