



**ROSCOMMON FOREST MANAGEMENT UNIT  
COMPARTMENT REVIEW PRESENTATION**

**COMPARTMENT # 137    ENTRY YEAR: 2007**

**Compartment Acreage: 1285    County: Roscommon**

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**Revision Date:** 4/13/05

**Stand Examiner:** D. Ekdorn

**Legal Description:** T21N R3W Sections 1 & 2

**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 level to gently rolling in the middle of the compartment, hilly with some steep slopes in the SE corner, and low/wet in the SW corner of the compartment.

**Ownership Patterns, Development, and Land Use in and Around the Compartment:** Compartment is solid state ownership with state land surrounding except on the east side and an 80 acre private parcel to the north in section 1. The private property to the east is Mid Forest Lodge.

**Unique, Natural Features:**

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

**Special Management Designations or Considerations:**

**Watershed and Fisheries Considerations:** Steep hills need to be taken into account in any treatments on these slopes so as to avoid erosion. The SW corner of the compartment is the edge of a large beaver dam and pond complex.

**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 600 and 800 feet. Beneath the glacial drift are the Mississippian Bayport Limestone and Michigan Formation. The Bayport is quarried for stone and the Michigan is quarried for gypsum elsewhere in the State. A gravel pit is located just to the south and potential is good. Headquarters Field is located four miles to the southwest. The field has produced over 11.3 million BO and 4.2 Bcf gas primarily from the Devonian Richfield Formation. It is in secondary recovery operations currently. The Compartment is not currently leased

**Vehicle Access:** Vehicle access to all areas of the compartment is excellent via state highway M-18, county roads, and forest two-tracks created every ¼ mile as fire breaks.

**Survey Needs:** None necessary at this time.

**Recreational Facilities and Opportunities:** This compartment contains the Waco Road ORV trailhead as well as an ORV trail and ORV route. Waco Road is a seasonal county road which is groomed/maintained as a snowmobile trail during the snowmobile season.

**Fire Protection:** Volatile fuel types such as jack pine and red pine are abundant in this compartment. Access and response times are good to this area due to M-18, county roads, and the two-tracks (old fire breaks) in the compartment. Areas with steeper terrain and low/wet terrain could hinder suppression activities.

**Additional Compartment Information:** A large portion of Section 1 in this compartment was burned in May 2005 in the Boyce Road Fire. Original proposed treatments in this compartment were modified due to the 215 acres of salvage cuts/re-planting in red pine stands after the Boyce Road Fire. Additional proposed treatments in this compartment include 12 acres of final harvests in aspen/oak stands, 29 acres of partial harvests in red pine stands, and 14 acres of opening maintenance. Due to the proximity to Prudenville and easy vehicle access, there is a lot of trash dumping going on in this compartment. Clean-Ups under the Adopt-a-Forest program were conducted during the summer of 2005.

- **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: 137

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        | 100 |   |   |   |    |   |     |   |   |   |   |    |   |     |   |     |   |   |   |   |   |   |   |   |   |    | 100   |
| G Grass        |     |   |   |   | 34 |   |     |   |   |   |   |    |   |     |   | 1   |   |   |   |   |   |   |   |   |   |    | 35    |
| J Jack Pine    |     |   |   |   |    |   | 146 |   |   |   |   |    |   |     |   |     |   |   |   |   |   |   |   |   |   |    | 146   |
| L Lowlnd Brush |     |   |   |   |    |   |     |   | 5 |   |   |    |   |     |   |     |   |   |   |   |   |   |   |   |   |    | 5     |
| N Marsh        |     |   |   |   |    |   |     |   |   |   | 1 |    |   |     |   |     |   |   |   |   |   |   |   |   |   |    | 1     |
| Q Mx Swmp Cnfr |     |   |   |   |    |   |     |   |   |   |   | 44 |   |     |   |     |   |   |   |   |   |   |   |   |   |    | 44    |
| O Oak          |     |   |   |   |    |   |     |   |   |   |   |    |   | 353 |   |     |   |   |   |   |   |   |   |   |   |    | 353   |
| R Red Pine     |     |   |   |   |    |   |     |   |   |   |   |    |   |     |   | 557 |   |   |   |   |   |   |   |   |   |    | 557   |
| E Swamp Hrdwds |     |   |   |   |    |   |     |   |   |   |   |    |   |     |   |     |   |   |   | 9 |   |   |   |   |   |    | 9     |
| W White Pine   |     |   |   |   |    |   |     |   |   |   |   |    |   |     |   |     |   |   |   |   |   |   |   |   |   | 35 | 35    |
| <b>Total</b>   | 100 |   |   |   | 34 |   | 146 |   | 5 |   | 1 | 44 |   | 353 |   | 558 |   |   |   | 9 |   |   |   |   |   | 35 | 1285  |

AUSABLE STATE FOREST

ROSCOMMON FOREST MGT UNIT

ROSCOMMON COUNTY

COMPARTMENT: **137**

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

| COMPARTMENT SUMMARY     |           |                             |         |
|-------------------------|-----------|-----------------------------|---------|
| TOTAL VOLUME            |           | CUT VOLUME                  |         |
| Hardwood                | 2942 Cds  | Hardwood                    | 183 Cds |
| Hardwood                | 1120 Mbf  | Hardwood                    | 110 Mbf |
| Softwood                | 6751 Cds  | Softwood                    | 146 Cds |
| Softwood                | 1603 Mbf  | Softwood                    | 66 Mbf  |
| Sum TotVol              | 15139 Cds | Sum CutVol                  | 681 Cds |
| <b>Total Cmpt Acres</b> |           | Acres Proposed For Cut..... | 44      |
| 1285                    |           |                             |         |

**ROSCOMMON FOREST MGT UNIT**

**Proposed Treatments  
With NO Limiting Factors**

**Compartment: 137**    **Entry Year: 2007**

| Stand   | Cover Type | Acres      | Age | Site Index | Mgt Obj        | Condition  | Method Cut    | Harvest Priority | Cultural Need       | FDF Status                   |  |
|---|------------|------------|-----|------------|----------------|------------|---------------|------------------|---------------------|------------------------------|--|
| <b>3</b>  | <b>R9</b>  | 15         | 70  | 55         | red pine       | immature   | thinning      | 2                |                     |                              |  |
| comnts Fmd : MIX OF R/J PINE WITH SCATTERED OAK, O/J MATURE AND STARTING TO DECLINE, CUT MO/J/A NOW AND LEAVE RP TO GROW FOR 10 MORE YEARS AND WO FOR DIVERSITY/WILDLIFE MAST   |            |            |     |            |                |            |               |                  |                     |                              |  |
| <b>5</b>  | <b>J1</b>  | 34         | 7   | 55         | jack pine      | sparse     |               | 0                | planting            | prescribed for fdf treatment |  |
| comnts Fmd : SEEDED 12/97, J3 WITH SCATTERED OAK, SPOTS HEAVY TO O3 ALSO, BURNED IN THE BOYCE ROAD FIRE - APRIL 17, 2005, PLANT TO JACK PINE.   |            |            |     |            |                |            |               |                  |                     |                              |  |
| <b>27</b>   | <b>R0</b>  | 36         | 68  | 61         | red pine       | nonstocked |               | 0                | planting            |                              |  |
| comnts Fmd : R9 WITH O1W1 U.S., WATCH OLD NARROW GAUGE R.R. GRADES ALONG M-18, BURNED IN THE BOYCE ROAD FIRE - APRIL 17,2005, SALVAGE TIMBER AND PLANT RED PINE - SALVAGED MAY/JUNE 2005  |            |            |     |            |                |            |               |                  |                     |                              |  |
| <b>41</b>   | <b>R9</b>  | 14         | 74  | 60         | red pine       | immature   | thinning      | 2                |                     |                              |  |
| comnts Fmd : CUT ASPEN/JACK PINE IN 1988, THIN DENSER AREAS TO 90 SF AND HOLD STAND AS BUFFER AFTER THINNING  |            |            |     |            |                |            |               |                  |                     |                              |  |
| <b>42</b>   | <b>O9</b>  | 6          | 81  | 50         | oak            | mature     | final harvest | 1                |                     |                              |  |
| comnts Fmd : FINAL HARVEST FOR ASPEN /OAK, SAVE WO FOR MAST AND PINE FOR DIVERSITY  |            |            |     |            |                |            |               |                  |                     |                              |  |
| <b>43</b>   | <b>R0</b>  | 39         | 74  | 60         | red pine       | nonstocked |               | 0                | planting            |                              |  |
| comnts Fmd : CUT ASPEN/JP IN 1988/89, BURNED IN BOYCE ROAD FIRE - APRIL 17,2005, SALVAGE AND PLANT RED PINE, LEAVE SNAGS AND SOME HEALTHY PINE SCATTERED THRU-OUT STAND AND ALSO LEAVE ALL WHITE OAK - SALVAGED MAY/JUNE 2005   |            |            |     |            |                |            |               |                  |                     |                              |  |
| <b>44</b>   | <b>R0</b>  | 15         | 74  | 60         | red pine       | nonstocked |               | 0                | planting            |                              |  |
| comnts Fmd : STRIP OF WOODS BETWEEN M-18 AND POWERLINE R.O.W., INCLUDES 30' POWERLINE R.O.W. WEST OF M-18, THINNED DURING 1987 Y.O.E. BY REMOVING A/JP, MAINTAIN AS BUFFER ALONG M-18 FOR VISUALS - SALVAGED MAY/JUNE 2005 AFTER BOYCE FIRE, RE-PLANT TO RED PINE                     |            |            |     |            |                |            |               |                  |                     |                              |  |
| <b>48</b>   | <b>R0</b>  | 51         | 78  | 57         | red pine       | nonstocked |               | 0                | planting            |                              |  |
| comnts Fmd : MIX OF RP/OAK/JP WITH SCATTERED ASPEN, FINAL HARVEST AND PLANT RP, SAVE WHITE OAK FOR MAST AND MARK DEN/SNAG TREES TO LEAVE FOR WILDLIFE, WATCH ABANDONED NARROW GAUGE R.R. GRADE IN SOUTH PART OF STAND - SALVAGED MAY/JUNE 2005 AFTER BOYCE FIRE, RE-PLANT TO RED PINE |            |            |     |            |                |            |               |                  |                     |                              |  |
| <b>51</b>   | <b>R0</b>  | 64         | 78  | 57         | red pine       | nonstocked |               | 0                | planting            |                              |  |
| comnts Fmd : MIX OF GOOD QUALITY RP/RO/MO AND DECENT QUALITY WO/JP, BURNED IN THE BOYCE ROAD FIRE - APRIL 17,2005, SALVAGE AND RE-PLANT TO RED PINE EXCEPT DO NOT PLANT THRU A3 CLONES, LEAVE WO FOR MAST, AND MARK DEN/SNAG TREES FOR WILDLIFE - SALVAGED MAY/JUNE 2005              |            |            |     |            |                |            |               |                  |                     |                              |  |
| <b>52</b>   | <b>A6</b>  | 9          | 79  | 60         | aspen (upland) | mature     | final harvest | 6                |                     |                              |  |
| comnts Fmd : FINAL HARVEST TO REGEN. ASPEN, CONNECT AND EXPAND SMALL CLONES OF ASPEN, BURNED IN THE BOYCE ROAD FIRE - APRIL 17, 2005, ON PROPOSAL TO BE ADVERTISED (71-030-05-01 BOYCE FIRE SALVAGE #8).  |            |            |     |            |                |            |               |                  |                     |                              |  |
| <b>400</b>  | <b>G0</b>  | 14         |     |            | grass          | nonstocked |               | 0                | opening maintenance |                              |  |
| comnts Fmd : MAINTAINED OPENING, SCATTERED R/J POLES AND OAK SAPS, ALSO SCATTERD PIN CHERRY, POSSIBLY BURN TO MAINTAIN AS GRASSY OPENING  |            |            |     |            |                |            |               |                  |                     |                              |  |
| <b>405</b>  | <b>G0</b>  | 1          |     |            | red pine       | nonstocked |               | 0                | planting            |                              |  |
| comnts Fmd : FILLING IN WITH OAK SAPS, SCATTERED O/J/R POLES ALSO, BURNED IN THE BOYCE ROAD FIRE - APRIL 17,2005, PLANT RED PINE WITH ADJACENT STANDS   |            |            |     |            |                |            |               |                  |                     |                              |  |
| <b>Total Acres.....</b>   |            | <b>298</b> |     |            |                |            |               |                  |                     |                              |  |

**Proposed Treatments  
With Limiting Factors**

**Compartment: 137**    **Entry Year: 2007**

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| <b>Stand</b> | <b>Cover<br/>Type</b> | <b>Acres</b> | <b>Age</b> | <b>Site<br/>Index</b> | <b>Mgt<br/>Obj</b> | <b>Condition</b> | <b>Method<br/>Cut</b> | <b>Harvest<br/>Priority</b> | <b>Cultural<br/>Need</b> | <b>FDF<br/>Status</b> |
|--------------|-----------------------|--------------|------------|-----------------------|--------------------|------------------|-----------------------|-----------------------------|--------------------------|-----------------------|
|--------------|-----------------------|--------------|------------|-----------------------|--------------------|------------------|-----------------------|-----------------------------|--------------------------|-----------------------|

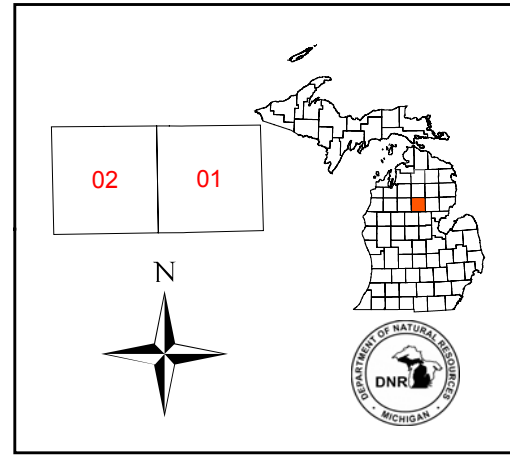
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TREATMENT LIMITING FACTORS:

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**Total Acres..... 0**

Compartment 137  
 T21N, R3W, Sec. 1, 2  
 County: Roscommon  
 Unit: Roscommon  
 YOE: 2007  
 Acres: 1,285 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
  - ..... Trails
  - ..... Trails
  - ..... Trails
  - Powerline
  - ☎ Snowmobile Trails
  - ☎ ORV Trails
  - ☎ ORV Routes
  - State Highways
  - Stand Boundary
  - ▨ Biodiversity/Old growth area
  - ▨ 016 - Planting
  - ▨ 027 - Opening Maintenance
  - ▨ 100 - Final harvest
  - ▨ 400 - Thinning
- Name Public Paved Roads  
 Name Public Gravel Roads  
 Name Public Dirt Roads

