



**ROSCOMMON FOREST MANAGEMENT UNIT
COMPARTMENT REVIEW PRESENTATION**

COMPARTMENT # 130 ENTRY YEAR: 2009

Compartment Acreage: 1275 County: Roscommon

Revision Date: 08-28-2007

Stand Examiner: J. Hartman

Legal Description: T22N R1W sections 23 and 24

Management Goals: Begin to stagger age classes of aspen in this compartment. Almost all of the compartment south of M-55 is regeneration from the 1975 Dunham Lake Road Fire. The surrounding DRIP cut area was also regenerated in the 70's.

Soil and Topography: Soils are composed of pitted outwash deposits on relatively hilly terrain. The west side of the compartment is primarily lower end ParVHa sites and the east side transitions to ParVVb.

Ownership Patterns, Development, and Land Use in and Around the Compartment: Solid state ownership.

Unique, Natural Features: Secretive locust, Bald eagle, loon, Hill's thistle, Fragile prickly pear, and goshawk have been identified in the vicinity.

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

Special Management Designations or Considerations: None designated at this time.

Watershed and Fisheries Considerations: There are no surface waters or wetlands in this compartment.

Wildlife Habitat Considerations: Increasing the acreage in non-forested stands and conifer cover would be beneficial for diversity.

Mineral Resource and Development Concerns and/or Restrictions: Surface sediments consist of ice-contact outwash sand and gravel. The glacial drift thickness varies between 400 and 800 feet. Beneath the glacial drift is the Mississippian Michigan Formation. The Michigan is quarried for gypsum elsewhere in the State. Most of the good gravel pits are associated with upland areas. Most of this Compartment is upland and potential is good. The abandoned Denton Creek Field is located seven miles to the west. The field produced nearly 55,000 BO from the Devonian Detroit River Formation. The Compartment is not currently leased.

Vehicle Access: Emery Road and Dunham Lake Road are the primary access routes to this compartment. There is some ORV trail and state forest two tracks which provide additional access.

Survey Needs: None needed.

Recreational Facilities and Opportunities: Small sections of ORV route are located in the southwest corner of the compartment and ORV trail runs through both sections.

Fire Protection: There is good vehicle access and little hazardous fuels exist in this compartment. However, this area gets a lot of use and some of wildfire activity each spring.

Additional Compartment Information:

Cover Type details, Proposed Treatments, and Stand listings are listed in the attached reports:

- ◆ **Cover Type by Age Class**
- ◆ **Proposed Treatments – No Limiting Factors**
- ◆ **Proposed Treatments – With Limiting Factors**
- ◆ **Stand Listing – Forested**
- ◆ **Stand Listing – Non Forested**
- ◆ **Special Conservation Area (SCA) Details**

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**
- ◆ **SCA – Special Conservation Areas**





Stage 1 Acres Summary By Level 3 Cover Type By Age

Compartment: 71130

Date: 9/7/2007

	0	1-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	>89	Uneven Age	Grand Total
Aspen Types	0	29.7	0	0	650.6	85.7	0	0	4.9	0	0	0	770.9
Low-Density Trees	15.3	0	0	0	0	0	0	0	0	0	0	0	15.3
Mixed Upland Deciduous	0	19.8	0	0	0	0	0	0	0	0	0	0	19.8
Natural Pines	0	0	0	0	4.9	0	0	0	0	0	0	0	4.9
Northern Hardwood	0	26.9	0	0	0	0	0	0	0	0	0	0	26.9
Oak Types	0	47.7	0	0	254.8	0	0	0	53.1	40.2	0	0	395.8
Road/Parking Lot	16.3	0	0	0	0	0	0	0	0	0	0	0	16.3
Sand, Soil	4.3	0	0	0	0	0	0	0	0	0	0	0	4.3
Upland Mixed Forest	0	0	0	0	21.2	0	0	0	0	0	0	0	21.2
Grand Total	35.9	124.1	0	0	931.5	85.7	0	0	58	40.2	0	0	1275.4

**PROPOSED TREATMENTS
NO LIMITING FACTORS**

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Treatment Name	Acres	Stage1 CovType	Size Density	1st Age	2nd Age	Treatment Method	Treatment Purpose	Cover Type Objective	Pg. 1
12 71130012-Cut	54.6	4131 - Aspen, Oak	6	31	0	Clearcut with Reserves	Regeneration	Aspen, Oak	

Rev Mix of black oak, white oak, quaking aspen, and lower quality bigtooth aspen.
Cmnt:

Rev Clear-cut w/ reserves. Carry treatment to the north buffering ORV trail and using the turnaround along Emery Rd for access.
Spec:

Next
Steps:

23 71130023-Cut	19.6	4123 - Red Oak	9	86	0	Crown Thinning	Intermediate Cut	Red Oak	
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Rev Solid northern red oak averaging 10-12" dbh with heavy red maple understory. All aspen previously removed. Highly variable BA ranging from 70-1401
Cmnt:

Rev Thin from below to 60-80 sq ft leaving quality crop trees. Carry treatment into the compartment to the south.
Spec:

Next Will need to consider intensive red maple control before any type of regen cut.
Steps:

27 71130027-Cut	5.2	4130 - Aspen	6	31	0	Clearcut with Reserves	Regeneration	Aspen	
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Rev High quality young bigtooth aspen poles with a heavy component of red maple and a small component of northern red oak.
Cmnt:

Rev Clear-cut and mark some of the northern red oak to leave.
Spec:

Next
Steps:

**Total Treatment
Acreage Proposed: 79.4**

**PROPOSED TREATMENTS
WITH LIMITING FACTORS**S
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dTreatment
Name

Acres

Stage1
CovTypeSize
Density1st
Age2nd
AgeTreatment
MethodTreatment
PurposeCover Type
Objective

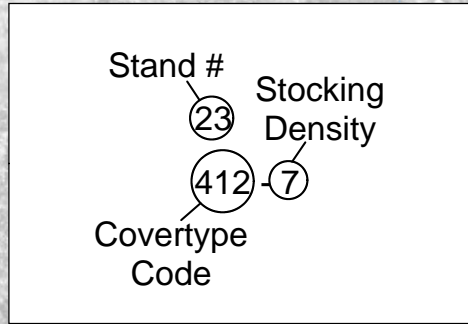
Pg. 1

Limiting Factor
and Comment:Rev
Cmnt:**No Stands with Limiting Factors**Rev
Spec:Next
Steps:

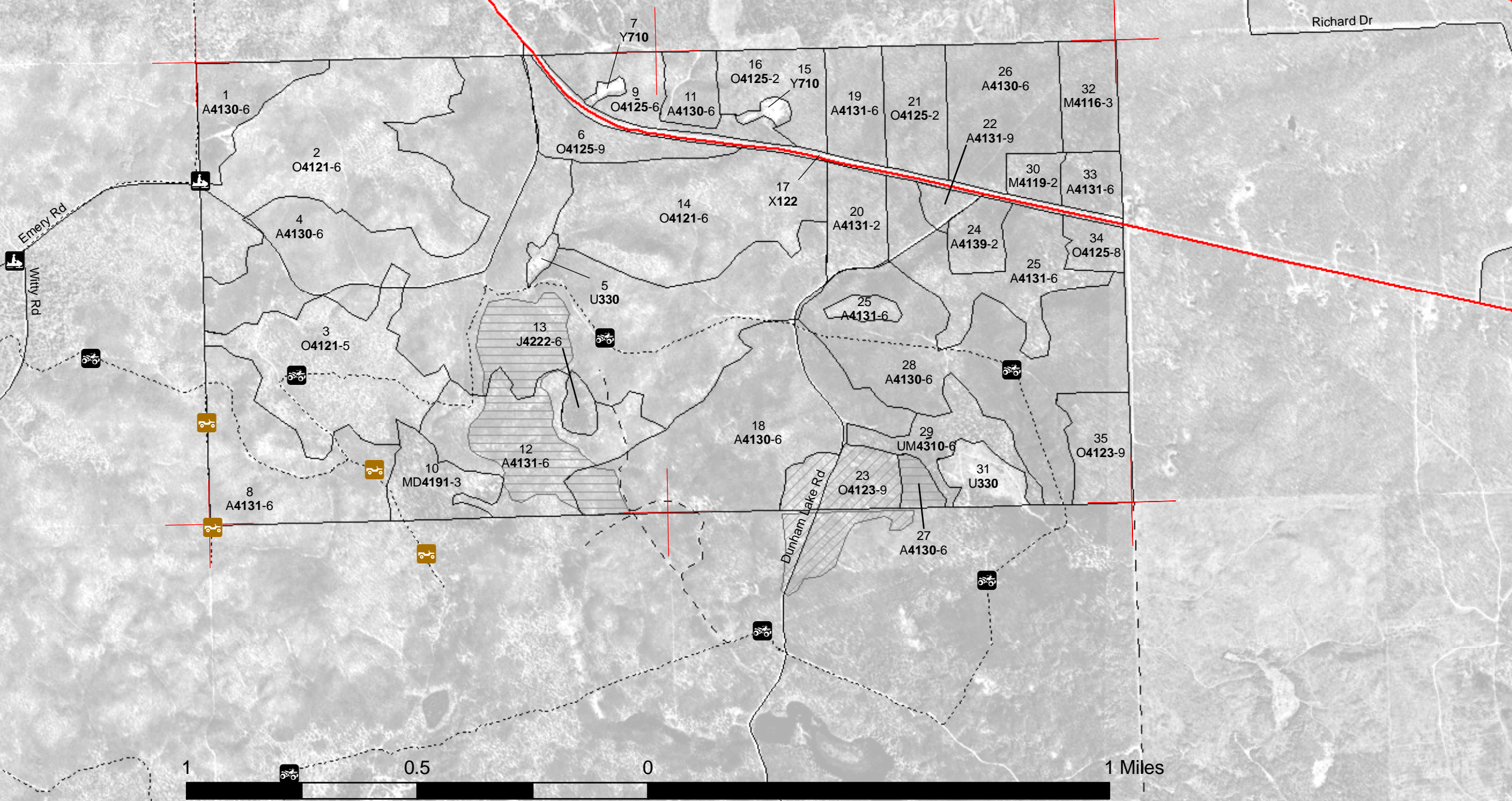
**Total Treatment
Acreage Proposed: 0**

Field Map

Compartment 130
 T22N, R01W, Sec. 23, 24
 County: Roscommon
 Unit: Roscommon
 YOE: 2009
 Acres: 1,275 GIS Calculated
 Stand Examiner: Jason Hartman
 Map Revised: 9/04/2007
 Map Phase: Pre-Review



Stocking Density	Definition
1	Sapling Low
2	Sapling Medium
3	Sapling Well
4	Pole timber Low
5	Pole timber Medium
6	Pole timber Well
7	Sawtimber Low
8	Sawtimber Medium
9	Sawtimber Well



Legend

- Miris Corners
- Highway
- Paved Road
- Poor Dirt Road
- Trails
- Intermittent Stream/Drain
- Stream
- Lakes and Rivers
- Interstate Highway
- ORV Trails
- ORV Routes
- Snowmobile Trails
- Stands
- Clearcut with Reserves
- Crown Thinning

Forest Stands

- 411 - Northern Hardwood
- 412 - Oak Types
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 422 - Natural Pines
- 430 - Upland Mixed Forest

Non-Forest Stands

- 122 - Road/Parking Lot
- 330 - Low-Density Trees
- 710 - Sand, Soil

