



**ROSCOMMON FOREST MANAGEMENT UNIT
COMPARTMENT REVIEW PRESENTATION**

COMPARTMENT # 30 ENTRY YEAR: 2010

Compartment Acreage: 690 County: Roscommon

Revision Date: 07-28-2008

Stand Examiner: J. Hartman

Legal Description: T24N R4W sections 25 and 36

Management Goals: Regenerate quaking aspen in the compartment leaving some stands for another year of entry. Increase acreage of upland conifer due to the current lack of the cover type in the compartment. Harvest the high risk oak stands which are in severe decline leaving the most healthy mast producing trees.

Soil and Topography: Soils are composed of pitted outwash deposits on moderately sloping terrain. Most acreage is classified as low end ParVHa sites with higher water table in some locations.

Ownership Patterns, Development, and Land Use in and Around the Compartment: The compartment has numerous seasonal homes in the vicinity. There is a great deal of travel influence and visual considerations. A parcel to the north was disposed of last YOY, which deleted some acreage from the compartment.

Unique, Natural Features: Secretive locust, Bald eagle, Rainbow mussel, Osprey, Red-shouldered hawk, Blanding's turtle, Least bittern, and Black tern have been identified in the vicinity. Potential exists for goshawk and Doll's merolonche.

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: Transitions to forested and non-forested wetlands on the southwest side of the compartment. Higgins Lake is two miles to the east, but no rivers or tributaries are present.

Wildlife Habitat Considerations: There are two maintained wildlife openings.

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. A gravel pit is located in Section 25 and potential appears to be good. East Norwich Field is located five miles to the west. The field has produced over 5.9 million BO and 15.7 Bcf gas primarily from the Devonian Richfield Formation. It is in secondary recovery operations currently. Most of the State lands in Sections 25 and 36 are nominated for the May 2008 oil & gas lease auction.

Vehicle Access: There is good access throughout the compartment utilizing various forest roads and county roads.

Survey Needs: None necessary at this time. All of the corners needed for timber sales have been identified.

Recreational Facilities and Opportunities: Despite the heavy pressure and number of private residences in the vicinity grouse, woodcock, deer, squirrel, and turkey hunting opportunities are abundant in this compartment.

Fire Protection: There is good vehicle access and little hazardous fuels exist. Several nearby road ends at Higgins Lake provide good water points and the satellite station for Gerrish Township Fire Department is very close by.

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

AUSABLE STATE FOREST

ROSCOMMON FOREST MGT UNIT

ROSCOMMON COUNTY

COMPARTMENT: 30

Table 3

(acres shown in boxes)

STAND AGE CLASS

COVER TYPE	Not	STAND AGE CLASS																Total	
	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
Aspen		145	75	109	34	19				13									395
Black Spruce						24													24
Bog or Marsh	2																		2
Grass	15																		15
Jack Pine							29												29
LowInd Brush	6																		6
Mx Swmp Cnfr													40						40
Non Stocked	17																		17
Oak		48							63	8									119
Upland Brush	43																		43
Total	83	193	75	109	34	43	29		63	21			40						690

AUSABLE STATE FOREST

ROSCOMMON FOREST MGT UNIT

ROSCOMMON COUNTY

COMPARTMENT: **30**

Table 10 - COMPARTMENT VOLUME SUMMARY - ALL STANDS

COMPARTMENT SUMMARY			
TOTAL VOLUME		CUT VOLUME	
Hardwood	1701 Cds	Hardwood	681 Cds
Hardwood	394 Mbf	Hardwood	145 Mbf
Softwood	1046 Cds	Softwood	31 Cds
Softwood	31 Mbf	Sum CutVol	1002 Cds
Sum TotVol	3597 Cds		
Total Cmpt Acres		Acres Proposed For Cut.....	118
690			

ROSCOMMON FOREST MGT UNIT

**Proposed Treatments
With NO Limiting Factors**

Compartment: 30

Entry Year: 2010

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	fdf Status	
8	A8	13	80	55	aspen (upland)	immature	final harvest	2			
comnts Fmd : Mixed species leave strip area from pasts harvests that blends into stands to the west. Old aspen to the south. Mix of jack pine, red pine, and aspen in the center. Mostly oak along the north edge. Would be good to regenerate this area before stand 7 needs to be cut. Leave all red pine and white pine. Mark oak to leave. North pvt line is in from recent pvt timber sale. Mix of aspen, oak, red pine, white pine, and red maple is acceptable. Winter cut.											
14	A6	24	30	55	aspen (upland)	immature	final harvest	2			
comnts Fmd : Mixed age quaking aspen that is falling apart. Clearcut in the dormant season.											
16	O8	22	70	55	oak	mature	shelterwood-prep	3	planting		
comnts Fmd : Not enough poor stems were taken out in past thinning. Also has a lot of dead and dying oak. Mark to cut again and underplant white pine. Would be a good small firewood sale or lump with other stands in the compartment for one sale.											
31	O8	12	75	50	red pine	high risk	final harvest	1	planting		
comnts Fmd : High risk low quality oak that needs to be treated. Fairly heavy cherry understory. Mark good seed and mast trees to leave and plant red pine.											
33	U1	6		60	red pine	nonstocked		0	planting		
34	U1	15		60	red pine	nonstocked		0	planting		
35	U1	3		60	red pine	nonstocked		0	planting		
36	U1	3		60	red pine	nonstocked		0	planting		
37	U2	16		60	red pine	nonstocked		0	planting		
comnts Fmd : Old fire area. Plant to red pine or continue burning.											
112	A6	47	24	55	aspen (upland)	two aged	final harvest	1			
comnts Fmd : Stand contains some old pockets of aspen. Two-aged. There is a component of immature oak (4" dbh) throughout and a small pocket of mature oak surrounding an opening in the SE corner of the stand. Cut all aspen and leave all oak and pine unless marked with orange paint. There are some dumping areas within the stand and some spots may not regenerate fully. Plant openings to red pine following tsale.											
424	G0	11			grass	nonstocked		0	opening maintenance		
comnts Fmd : Maintained opening											
Total Acres.....		172									

**Proposed Treatments
With Limiting Factors**

Compartment: 30

Entry Year: 2010

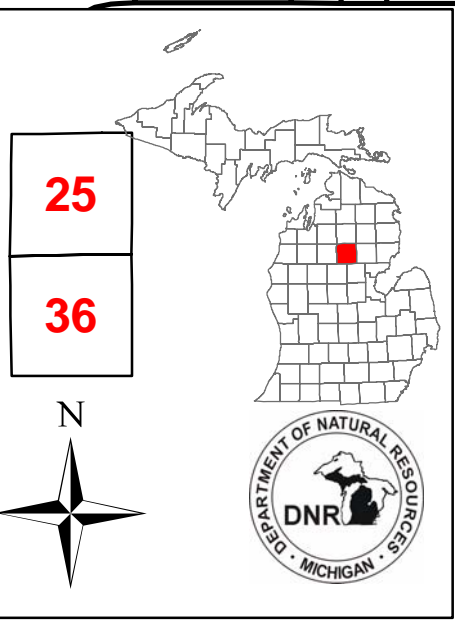
Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FD Status
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TREATMENT LIMITING FACTORS:

Total Acres..... 0

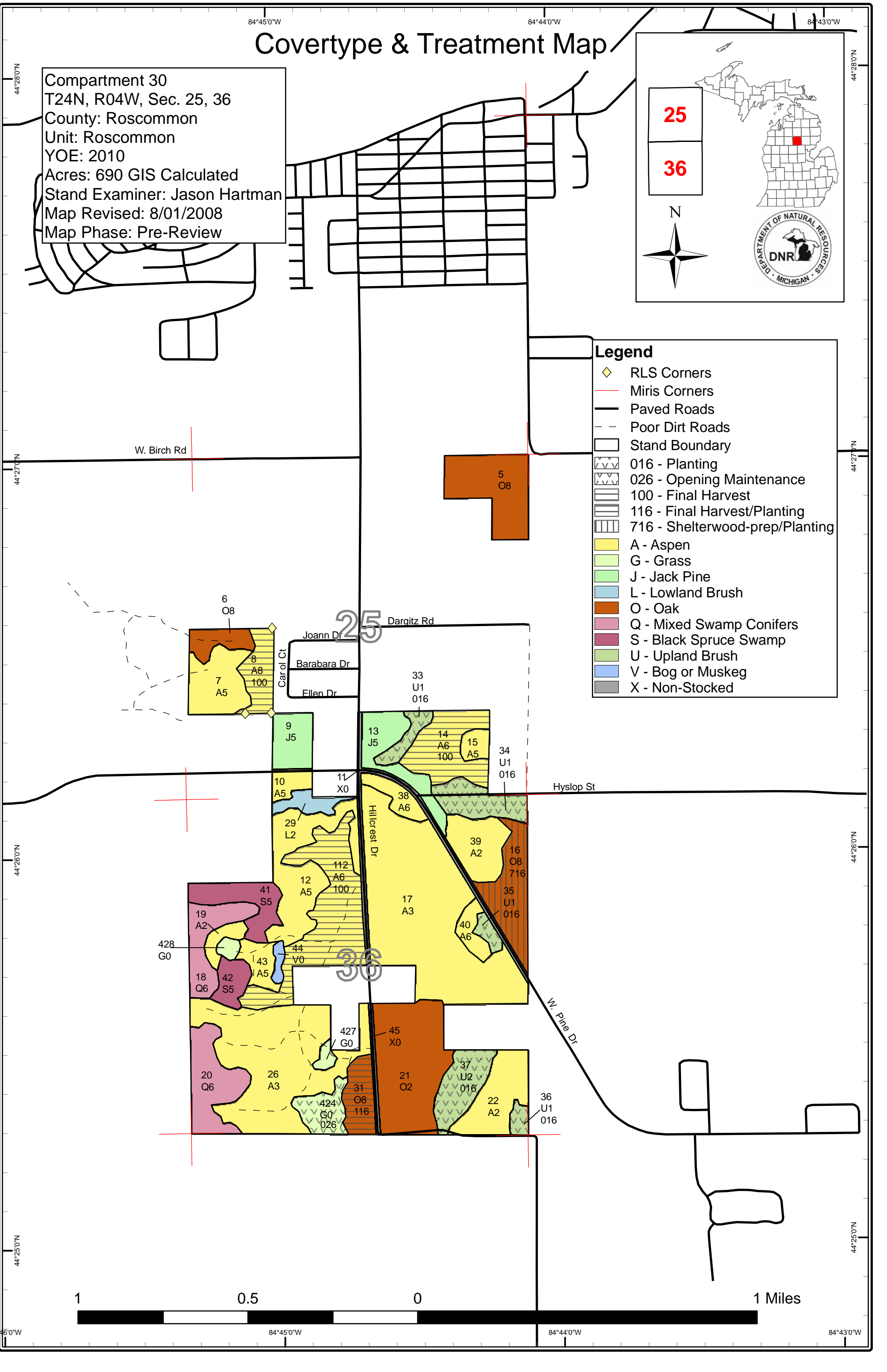
Covertime & Treatment Map

Compartment 30
 T24N, R04W, Sec. 25, 36
 County: Roscommon
 Unit: Roscommon
 YOE: 2010
 Acres: 690 GIS Calculated
 Stand Examiner: Jason Hartman
 Map Revised: 8/01/2008
 Map Phase: Pre-Review



Legend

- ◆ RLS Corners
- Miris Corners
- Paved Roads
- - - Poor Dirt Roads
- Stand Boundary
- ▨ 016 - Planting
- ▩ 026 - Opening Maintenance
- ▧ 100 - Final Harvest
- ▦ 116 - Final Harvest/Planting
- ▤ 716 - Shelterwood-prep/Planting
- A - Aspen
- G - Grass
- J - Jack Pine
- L - Lowland Brush
- O - Oak
- Q - Mixed Swamp Conifers
- S - Black Spruce Swamp
- U - Upland Brush
- V - Bog or Muskeg
- X - Non-Stocked



84°46'0"W 84°45'0"W 84°44'0"W 84°43'0"W

44°28'0"N 44°27'0"N 44°26'0"N 44°25'0"N

Stand Boundary Map

Compartment 30
T24N, R04W, Sec. 25, 36
County: Roscommon
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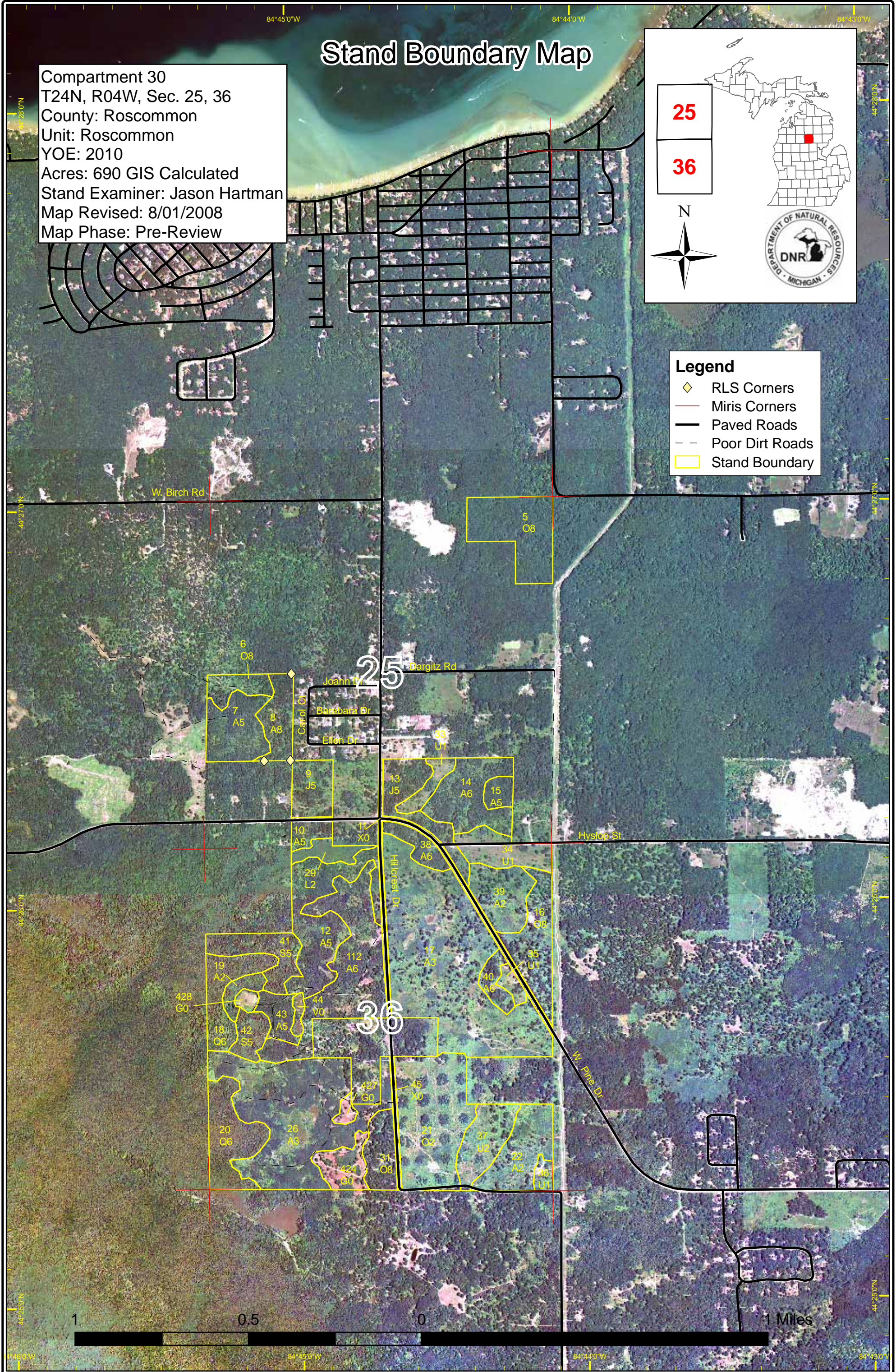
25
36

N

DEPARTMENT OF NATURAL RESOURCES
DNR
MICHIGAN

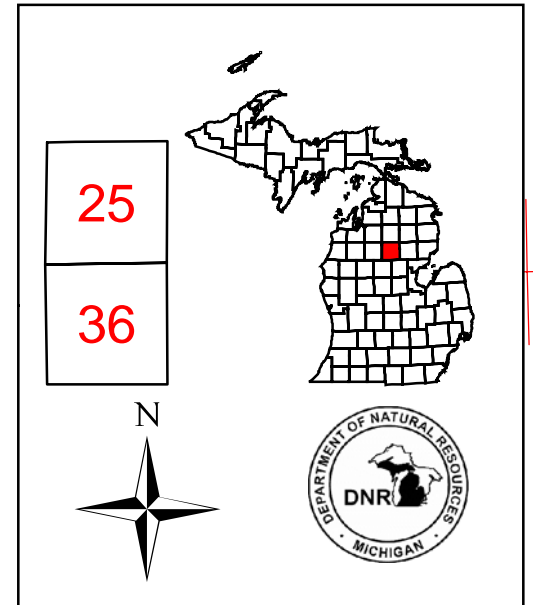
Legend

- ◇ RLS Corners
- Miris Corners
- Paved Roads
- - - Poor Dirt Roads
- Stand Boundary

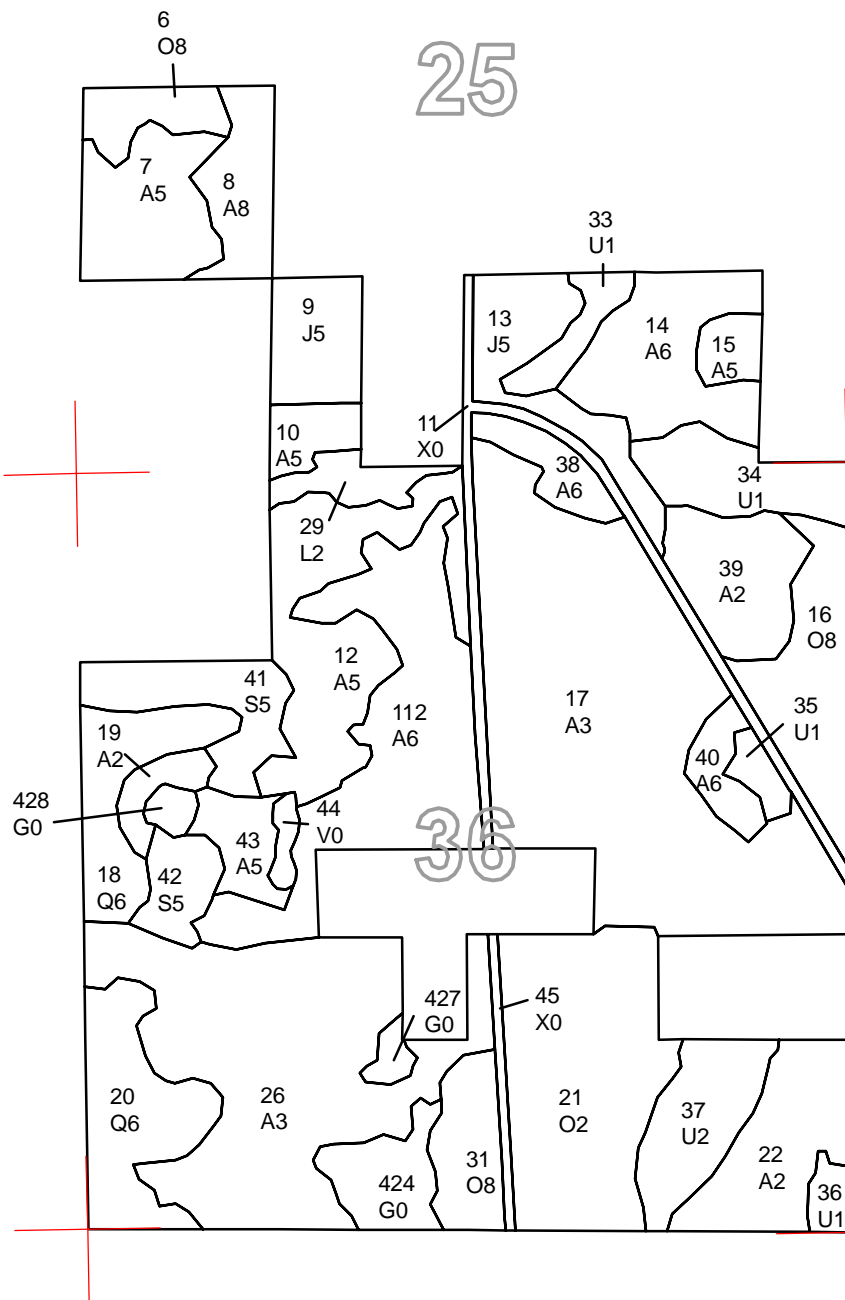


Dedicated & Proposed Special Conservation Area Map

Compartment 30
 T24N, R04W, Sec. 25, 36
 County: Roscommon
 Unit: Roscommon
 YOE: 2010
 Acres: 690 GIS Calculated
 Stand Examiner: Jason Hartman
 Map Revised: 8/01/2008
 Map Phase: Pre-Review



- Legend**
- Miris Corners
 - Stand Boundaries
 - Cold Water Lakes



44°27'0"N
44°26'0"N
44°25'0"N

44°27'0"N
44°26'0"N
44°25'0"N

84°45'0"W 84°44'0"W 84°43'0"W

84°45'0"W 84°44'0"W 84°43'0"W



DEDICATED CONSERVATION AREA DETAILS

* This is a list of Dedicated Biodiversity Areas for this compartment along with a 1/4 mile buffer surrounding the compartment. Refer to Dedicated Conservation Area Map for areas that the below listed Conservation Areas are located.

ERA = Ecological Reference Area
 HCVA = High Conservation Value Area
 SCA = Special Conservation Area

Conservation Area	Type	Description
SCA	Archaeological Site	An aquatic or terrestrial area of the State that contains physical remains of human occupation. These are sites of cultural and historical significance that may occur upon terrestrial areas and Great Lakes bottomlands. They include thousands of Native American settlements and burial sites, as well as French and British outposts, nineteenth century logging camps, mines and homesteads. Beneath the waters of the Great Lakes, there are shipwrecks and other remains documenting the maritime trade. Such sites may be identified by Natural heritage data from the State Historic Preservation Office. Proposed treatments in this compartment will be implemented in such a manner as to maintain the integrity of these sites. Due to the sensitive nature of this information, no further detail about location is available.