



**BARAGA FOREST MANAGEMENT UNIT
COMPARTMENT REVIEW PRESENTATION**

COMPARTMENT # 12 ENTRY YEAR: 2007

Compartment Acreage: 2,353 County: Baraga

Revision Date: October 3, 2005

Stand Examiner: Martin Nelson

Legal Description: T49N R34W, Sections 19, 20, 29, 30, 31, 32
T48N R34W, Section 6

RMU (if applicable): N/A

Management Goals:
Manage for jack pine.

Soil and Topography:
The land is level to slightly rolling. The soil is Grayling sand.

Ownership Patterns, Development, and Land Use in and Around the Compartment:
This is part of a large block of state owned land. USFS owns to the west. DNR is on the north and east. W. E. Energies owns to the south. There is one private parcel on the east side of the compartment. Land use is for timber production. There are some private recreational properties to the east around Big Lake.

Unique, Natural Features (include only non-site specific and non-sensitive information):
There are none identified.

Archeological, Historical, and Cultural Features (include only non-site specific and non-sensitive information):
None identified. The Lac View Desert trail crossed this compartment, but no trace of it appears to remain on the ground.

Special Management Designations or Considerations:
None identified.

Watershed and Fisheries Considerations:

This compartment does not have any streams or lakes. The Sturgeon River is to the south of this compartment.

Wildlife Habitat Considerations:

Spruce grouse are found in this compartment. Kirtland warblers have been also been sighted in this compartment. This compartment features habitat for Kirtland's warbler nesting and spruce grouse. Jack pine final harvest and post-harvest treatment should strive to regenerate fully stocked stands. Prefer anchor chaining, instead of trenching followed by seeding or machine planting, because it produces greater variation in tree density and some "skips" in regeneration that become small openings within the stands.

Mineral Resource and Development Concerns and/or Restrictions:

Surface sediments consist of glacial outwash sand and gravel and postglacial alluvium. There is insufficient data to determine the glacial drift thickness. The Precambrian Michigamme Formation subcrops below the glacial drift. There is not a current economic use for these rocks. The Baraga Plain pit is in Section 31 and potential appears to be good. (This pit is leased to Baraga County Road Commission.) Abandoned iron mines are located six miles to the east. This Compartment has not been previously leased for metallic exploration. There is no economic oil and gas production in the UP.

Vehicle Access:

Access is good. The Plains road (county road) is on the east side of the compartment. The Gorge Cutoff Road (county road) crosses the compartment. There are some internal logging roads.

Survey Needs:

No additional survey corners are needed.

Recreational Facilities and Opportunities:

Snowmobile trail 8 uses the pipeline R-O-W. The Baraga Plains ORV trail is partially within this compartment and the trail head is on the Gorge Cutoff Road. There are no reasonable opportunities for additional recreational facilities.

Fire Protection:

This is a jack pine area, and fire is a concern. There have been no large fires in this compartment. The summer cottages around Big Lake (compartment to the east) are a potential fire source.

Additional Compartment Information:

The oldest jack pine stands were retained in the past to spread out the age classes. These stands are well past the recommended rotation age and are beginning to have some mortality. These stands are proposed for harvest.

Two stands of Scotch pine were planted in 1978. These stands should be cut, the slash burned and planted to jack pine as soon as they are commercially viable.

- **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

COPPER COUNTRY STATE FOREST

BARAGA FOREST MGT UNIT

BARAGA COUNTY

COMPARTMENT: 12

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
G Grass					21																						21
J Jack Pine							2259																				2259
I Local Name								48																			48
X Non Stocked													15														15
W White Pine																										10	10
Total					21		2259	48					15													10	2353

COPPER COUNTRY STATE FOREST

BARAGA FOREST MGT UNIT

BARAGA COUNTY

COMPARTMENT: 12

Table 10 - COMPARTMENT VOLUME SUMMARY - ALL STANDS

COMPARTMENT SUMMARY			
TOTAL VOLUME		CUT VOLUME	
Hardwood	20 Cds	Softwood	4162 Cds
Softwood	7463 Cds	Softwood	9 Mbf
Softwood	61 Mbf	Sum CutVol	4180 Cds
Sum TotVol	7605 Cds		
Total Cmpt Acres		Acres Proposed For Cut.....	294
2353			

BARAGA FOREST MGT UNIT

**Proposed Treatments
With NO Limiting Factors**

Compartment: 12

Entry Year: 2007

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDF Status
4	J5	23	70	48	jack pine	mature	final harvest	1	natural regeneration	
6	J5	7	70	48	jack pine	mature	final harvest	1	natural regeneration	
12	J5	22	70	48	jack pine	mature	final harvest	1	natural regeneration	
15	J5	3	79	50	jack pine	mature	final harvest	1	natural regeneration	
16	J5	6	79	50	jack pine	mature	final harvest	1	natural regeneration	
33	J6	23	77	50	jack pine	mature	final harvest	1	natural regeneration	
36	J5	37	68	50	jack pine	mature	final harvest	1	natural regeneration	
41	J6	100	75	58	jack pine	mature	final harvest	1	natural regeneration	
49	J5	39	65	55	jack pine	mature	final harvest	1	natural regeneration	
53	J5	24	76	55	jack pine	mature	final harvest	1	natural regeneration	
54	W9	10	98	55	white pine	immature	selection	2	natural regeneration	

comnts Fmd : This is not a final regeneration cut. Spruce fir is an acceptable alternative, but we anticipate getting white pine regeneration.

Total Acres..... 294

**Proposed Treatments
With Limiting Factors**

Compartment: 12

Entry Year: 2007

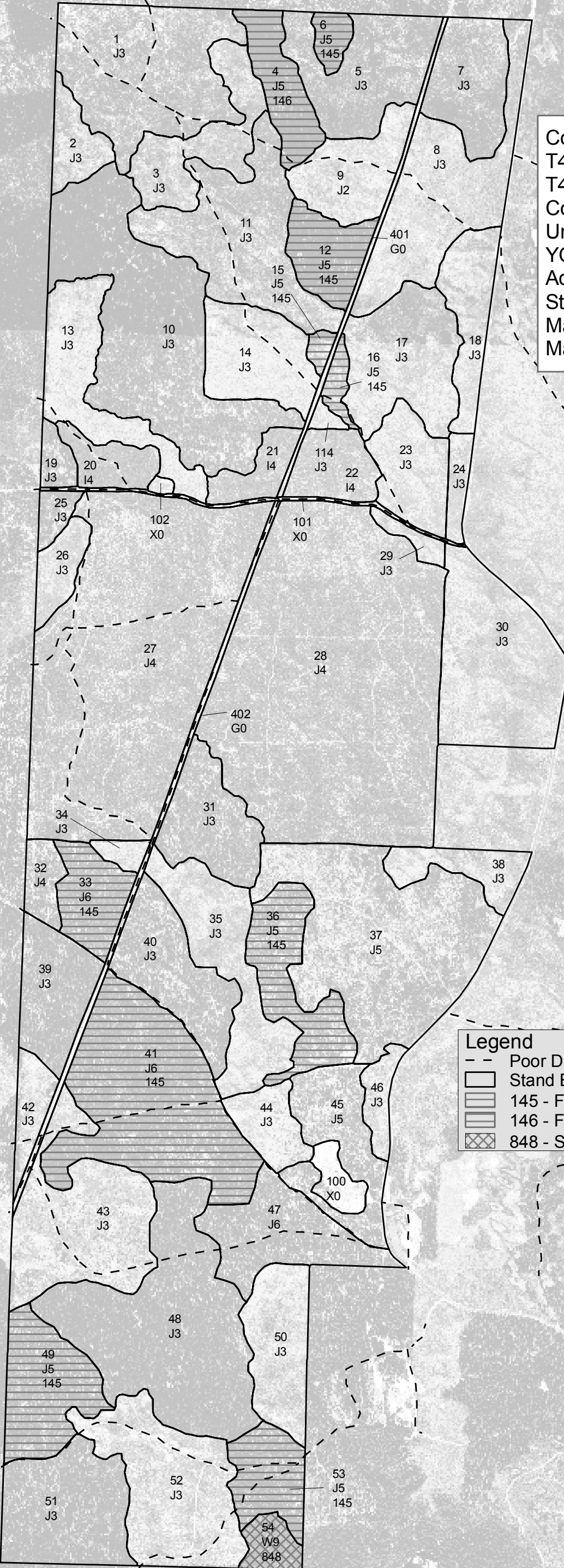
Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FD Status
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TREATMENT LIMITING FACTORS:

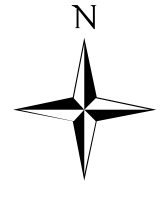
Total Acres..... 0

Field Map

Compartment 12
 T48N, R34W, Sec. 6
 T49N, R34W, Sec. 19, 20, 29-32
 County: Baraga
 Unit: Baraga
 YOE: 2007
 Acres: 2,353 GIS Calculated
 Stand Examiner: Martin Nelson
 Map Revised: 10/05/2005
 Map Phase: Pre-review



19	20
30	29
31	32
6	



Legend

- - - Poor Dirt Roads
- Stand Boundary
- ▨ 145 - Final harvest/Natural regeneration/Mechanical, Other
- ▩ 146 - Final harvest/Natural regeneration
- ▤ 848 - Selection/Natural regeneration/Other

