



**NEWBERRY FOREST MANAGEMENT UNIT
COMPARTMENT REVIEW PRESENTATION**

COMPARTMENT # 49 ENTRY YEAR: 2008

Compartment Acreage: 2582 (GIS Calculated) County: Luce

Revision Date: 10/17/2006

Stand Examiner: Jason Tokar

Legal Description: T48N R08W Sections 15, 16, 21, 22, 28, 33

RMU (if applicable):

Management Goals:

The overriding goal is to maintain or improve the forest health, productivity and diversity of the area to promote and enhance timber production, wildlife habitat and recreational opportunities. Treatments prescribed will help ensure the sustainability of the forest resource and continue to enhance the quality of the wildlife habitat. Aspen management will continue with the current sustainable level of management, promoting an array of both age class and structural diversity in the cover types. Harvest treatments will be increased in the hardwoods and pine.

Soil and Topography:

The dominant soil types are Auger-Annianias complex (silt loam), Hendrie-Annianias complex (mucky peat/silt loam), and Zandi silt loam. Cover types associated with these heavy soils include aspen, balsam fir and spruce, northern hardwoods and some swamp conifer. Closer to the Tahquamenon River Carbondale/Lupton/Tawas muck soil is present, supporting mainly swamp conifer and cedar cover types. The topography is mostly level to slightly rolling, with slight topographical changes to the south.

Ownership Patterns, Development, and Land Use in and Around the Compartment:

The compartment is comprised entirely of State land. State land borders the compartment to the north, south, and a portion of the west side. Various private parcels border the compartment on both the west side and the east along the Tahquamenon River. Also to the east, Tahquamenon Falls State Park is adjacent to the compartment through Sections 15 and 16. Development in and around the compartment is low due to the large amount of State land in the vicinity. Several small camps are located around the compartment boundary, particularly along the Tahquamenon River. The main types of land use in the area are hunting, fishing, ORV and snowmobile riding.

Unique, Natural Features (include only non-site specific and non-sensitive information):

MNFI lists no features within the compartment boundaries. There is the potential for numerous unique plants such as calypso orchid, round-leaved orchid, limestone oak and ram's head lady's slipper. Wood turtle, moose, wolves, eagle, osprey, goshawk, and great blue heron rookery are potential wildlife in the area.

The various branches of the Linton Creek are designated as quality trout waters. Baird Creek also flows through the compartment.

Archeological, Historical, and Cultural Features (include only non-site specific and non-sensitive information):

The Bureau of History does not list any historical features within the compartment. However, old county and local maps show a “Camp 6” being located within the compartment.

Special Management Designations or Considerations:

Fisheries Division has concerns regarding the beaver activity along the branches of the Linton Creek and its affect on the quality of the trout stream(s). All management prescriptions adjacent to these corridors will reflect this consideration. Any prescribed treatments that take place near the Linton Creek will also incorporate BMP guidelines.

Visual management practices need to be taken under consideration when dealing with treatments prescribed along M-123. The section of M-123 bordering the compartment is designated by MDOT as a “Heritage Route”.

Watershed and Fisheries Considerations

Fisheries Values

Good. All branches of Linton Creek are classified as SQCW. Brook trout populations are all adequate for the few knowledgeable anglers, and are naturally produced, but the streams are too small to support heavy fishing pressure. Fisheries Division does not actively manage or stock those waters. The Tahquamenon River is classified as FQWW, and is managed for northern muskies and walleyes, with pike and perch also present in good numbers.

Wildlife Habitat Considerations:

Compartment 49 lies in the Seney Sand Lake Plain ecological sub-subsection in northern Luce County. The compartment is quite diverse with a good component of aspen, hardwood, and mixed swamp conifer and smaller components of cedar, fir, lowland brush, and pine scattered throughout. Species diversity within stands is also generally high in the compartment. Several small creeks and drainages exist in the compartment providing excellent travel corridors for wildlife.

Wildlife objectives will be achieved by the retention of hard and soft mast producing trees, wildlife den and nest trees and snags in harvested stands and the preservation of conifer components in aspen and hardwood stands. Hemlock and yellow birch will be encouraged where they occur. Buffer zones along streams and rivers should be sustained to preserve travel corridors and wetland wildlife values and habitats. Wildlife species expected to use this compartment include ruffed grouse, white-tailed deer, black bear, moose, otter, mink, coyotes, gray wolves and fox.

Mineral Resource and Development Concerns and/or Restrictions:

Sections 1, 10 – 15, T49N-R10W & Sections 7 & 18, T49N-R9W, Luce County

Surface sediments consist of lacustrine (lake) sand and gravel. There is insufficient data to determine the glacial drift thickness. The Precambrian Jacobsville Sandstone subcrops below the glacial drift. The Jacobsville was used as a building stone in the past. There are no gravel pits in the area, but there may be some potential. There is no economic oil and gas production in the UP.

Vehicle Access:

The compartment is approximately 20 miles north of Newberry along M-123. Access to the interior of the compartment is via two main access points. The Halifax Road provides vehicle access to the northern portion of the compartment from M-123. Camp Seven Road and the Charcoal Grade give access to the southern reaches of the compartment. Baker Trail also runs east and west through the center of the compartment, but is gated by the private property (Halifax Club), limiting access. One two track road heading east from the Halifax Road provides additional access.

Survey Needs:

For management activities to occur, the some survey work is needed: Corner establishment of the N1/16 and S1/16 between Sections 20 & 21, SW1/16 of Sec 21, W1/16 between Sec's 21 & 28, NW1/16 of Sec 28. In Section 15, the N1/16 and Center of the section.

Recreational Facilities and Opportunities:

Recreational facilities within the compartment are limited to a short stretch of the groomed snowmobile trail (Trail #45) in the southwest corner of the compartment. Other recreational opportunities include hunting, fishing, hiking, and wildlife viewing. A number of hunting camps are located around the compartment boundary and along the Tahquamenon River.

Fire Protection:

Fires should be small and slow growing because of hardwood and swamp conifer types. Lowland soil types may challenge use of heavy equipment for suppression. Areas of this compartment may lend itself to modified suppression strategies, such as containment and monitoring.

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

LAKE SUPERIOR STATE FOREST

NEWBERRY FOREST MGT UNIT

LUCE COUNTY

COMPARTMENT: 49

Table 3

(acres shown in boxes)

STAND AGE CLASS

COVER TYPE	Not 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	Total
Aspen		503	198				34	143	67										945
Black Spruce					13		21	11	7										52
Bog or Marsh	7																		7
Cedar									18	38	156	9							221
Grass	29																		29
Hemlock																		15	15
Lowlnd Brush	309																		309
Marsh	2																		2
Mx Swmp Cnfr								6	143	9									158
Red Pine							41												41
Spruce Fir					81	154	59												294
Treed Bog	3																		3
Upland Hdwds																		459	459
Water	16																		16
White Pine												31							31
Total	366	503	198		94	154	155	160	235	47	156	40						474	2582

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Michigan Department of Natural Resources - Operations Inventory System
Individual Compartment Report

LAKE SUPERIOR STATE FOREST

NEWBERRY FOREST MGT UNIT

LUCE COUNTY

COMPARTMENT: 49

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	945																										945
S Black Spruce		52																									52
V Bog or Marsh			7																								7
C Cedar				221																							221
G Grass					29																						29
H Hemlock						15																					15
L Lowlnd Brush									309																		309
N Marsh											2																2
Q Mx Swmp Cnfr												158															158
R Red Pine																41											41
F Spruce Fir																			294								294
D Treed Bog																							3				3
M Upland Hdwds																									459		459
Z Water																									16		16
W White Pine																										31	31
Total	945	52	7	221	29	15			309		2	158				41			294			3		459	16	31	2582

LAKE SUPERIOR STATE FOREST

NEWBERRY FOREST MGT UNIT

LUCE COUNTY

COMPARTMENT: **49**

Table 10 - COMPARTMENT VOLUME SUMMARY - ALL STANDS

COMPARTMENT SUMMARY			
TOTAL VOLUME		CUT VOLUME	
Hardwood	18886 Cds	Hardwood	8417 Cds
Hardwood	232 Mbf	Hardwood	28 Mbf
Softwood	14243 Cds	Softwood	2164 Cds
Softwood	532 Mbf	Softwood	98 Mbf
Sum TotVol	34657 Cds	Sum CutVol	10833 Cds
Total Cmpt Acres		Acres Proposed For Cut.....	504
2582			

NEWBERRY FOREST MGT UNIT

**Proposed Treatments
With NO Limiting Factors**

Compartment: 49

Entry Year: 2008

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	DFD Status
1	A6	63	66	62	aspen (upland)	mature	final harvest	1		
<p>comnts Fmd : Stand has a lot of variability. Shorter tree heights in the northern portion, taller and larger diameters further south in the stand. Pockets with more spruce mixed in. Lower ground throughout. Pockets of younger aspen. Mature aspen is showing signs of rot and decline. Stand borders TFSP on the east side. Stand is mature. Prescribe for a final harvest. Management objective of aspen. Alternative MO of aspen with spruce and maple. Access should be via road into stand 3 from M-123. Possibly leave a buffer of conifer around the TFSP sign on M-123 for visual concerns. Winter harvest due to heavy soil type. Set up as one sale with stands 7, 17 and 19. Auger-Annianias silt loam. **1995 notes - "old burning filling in to aspen, spruce and fir type".</p> <p>Wld : leave a few spruce and a paper birch component</p>										
7	A6	16	60	61	aspen (upland)	mature	final harvest	1		
<p>comnts Fmd : Lower ground aspen stand, lower than adjacent aspen (stand 8). Wetter than adjacent stands. Mature aspen, with some decline and mortality, over an understory of maple, white birch, balsam and spruce. Substantial understory. Bordering on a "P" type. No drainage through the stand. Prescribe the stand for final harvest. Management objective of aspen. Alternative MO of aspen with spruce, birch and maple. Treat stand as one sale with stands 1, 17 and 19. Access to this stand should be via existing two track road through stand 3 from M-123. Auger-Annianias silt loam soil. **1995 notes - "clumps of aspens in old burning".</p> <p>Wld : leave a paper birch and a conifer component</p>										
16	R6	21	55	65	red pine	immature	thinning	1		
<p>comnts Fmd : Nice tall red pine plantation along M-123.. High BA throughout. Areas with a component of aspen. Stand ranges from an R6 to an R9 throughout the stand. Stand is in need of a thinning. Prescribe stand for treatment (thinning). Objective of the thinning is to reduce BA and increase growth on residual stand. Remove all aspen from the stand. Access will be through stand 17 to the west (high ground access from M-123). Stand should be treated as one sale with stand 22. Zandi silt loam soil.</p> <p>Wld :</p>										
17	A6	11	63	65	aspen (upland)	mature	final harvest	1		
<p>comnts Fmd : Mature aspen, mainly high ground with some low pockets. Clumps of cedar. Scattered red maple. Scattered white pine. Some large diameter aspen (14 inches). Prescribe the stand for final harvest along with the other aspen stands that are prescribed for harvest along the highway (stands 1, 7, 19). Access to the stand along with stands 19 (A6) and 16 (R6) will be from this stand. Good high ground access from M-123. Road/driveway permit will be needed. Management objective of aspen. Leave cedar clumps and white pine (visuals along M-123). Auger-Annianias silt loam soil.</p> <p>Wld : leave cedar clumps and white pine and a few spruce.</p>										
19	A6	15	66	67	aspen (upland)	mature	final harvest	1		
<p>comnts Fmd : Mature, large diameter aspen along M-123. High ground. Sub canopy of maple 3-4" dbh, 35-40 ft tall. F3 understory. Aspen is showing decline, conks and mortality, rot in the bottom 10 feet of the trees. Scattered white pine and white birch. Stand was set up for sale last entry year but never sold. Prescribe stand for a final harvest with a management objective of aspen. Alternative MO of aspen with maple. Leave white pine and white birch (<10 BA) as residual for visual concerns along the highway. Stand should be part of one sale along with stands 1, 7, and 17. Access to the stand will be via new, temporary access through stand 17. Auger-Annianias silt loam soil.</p> <p>Wld : Leave white pine and paper birch and a few spruce</p>										
22	R9	20	57	65	red pine	immature	thinning	1		
<p>comnts Fmd : Red pine plantation at M-123 and the Halifax Road. Tall, good quality red pine. Stand was thinned in 2001 as "Halifax Red Pine" timber sale. Areas in the stand have a high BA and need to be thinned again. Pockets as thick as 230 sq ft. Some areas are fairly open. Some small 1-2 ft red pine regen within the old skid trails. Prescribe the stand for a thinning, reduce the BA to approx 120 sq ft. Auger-Annianias silt loam soil.</p> <p>Wld :</p>										
28	A6	12	57	60	aspen (upland)	mature	final harvest	1		
<p>comnts Fmd : Mature aspen over balsam and spruce. Good diameters in the aspen. Some mortality showing in the aspen. Rolling topography. Stand surrounds a "G" type. Prescribe stand for a final harvest with a management objective of aspen. Alternative management objective of aspen with spruce and balsam. Stand should be set up as one sale with stands 36, 38 and 48. Access will be from the west across a short stretch of low ground. Winter cut. Auger-Annianias silt loam soil.</p> <p>Wld : leave a conifer component</p>										

NEWBERRY FOREST MGT UNIT

**Proposed Treatments
With NO Limiting Factors**

Compartment: 49

Entry Year: 2008

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDF Status
36	A6	24	64	66	aspen (upland)	mature	final harvest	1		
<p>comnts Fmd : Open stand in the east and west portions. Open grown, limby aspen in open areas. The middle of the stand has more of a spruce understory. Large diameter aspen up to 14 inch dbh. Aspen is showing decline and mortality. White spruce was planted in the 1960's in the stand but did not take as well as in stand 35. Manage this stand for aspen. White birch scattered throughout. Prescribe the stand for a final harvest with a management objective of aspen. Leave spruce 4 inches or less in diameter as residual to ensure a conifer component to the stand. Alternative management objective of aspen with spruce. Winter cut due to the soil type. Hendrie-Annianias soil complex. ***Pre-review - Fish Division comments - Stand delineation and prescriptions of spruce and aspen stands near Linton Creek can provide a really good "research" area to assess harvests and buffers on beaver populations.</p> <p>Wld : leave a conifer and paper birch component</p>										
38	A6	6	54	67	aspen (upland)	mature	final harvest	1		
<p>comnts Fmd : Mature aspen over younger planted white spruce. Spruce was planted in fall of 1964. North/south rows. Large diameter aspen (11-14") showing some decline and rot. Scattered large diameter, older white spruce. Prescribe the stand for a final harvest with a management objective of aspen with a spruce component. Leave all spruce 6 inches or less in diameter as residual as long as not affecting maneuverability during sale operations. Ensure there is a conifer component left in the stand. Adjacent aspen cuts have almost no conifer component to them. Hendrie-Annianias soil complex. ***Pre-review Fish Divison comment - Stand delineation and prescriptions of spruce and aspen stands near Linton Creek can provide a good "research" area to assess harvests and buffers on beaver populations.</p> <p>Wld : leave a conifer and paper birch component</p>										
48	A6	20	68	68	aspen (upland)	mature	final harvest	1		
<p>comnts Fmd : Mature to overmature, large diameter aspen over balsam and some spruce. Spruce was planted in 1963. Very east end is more open grown. 1996 OI notes -east end was a separate stand - "patches scattered through an old burning". Stand has very tall, old aspen showing some rot and decline. Good balsam ans spruce component (merchantable) under the aspen. Prescribe for a final harvest along with stands 28, 36 and 38. Management objective of aspen. Leave all conifers 4 inches and less in diameter as residual. Alternative MO of aspen with maple and spruce. Mixed hardwoods pulp = red maple and white birch. Winter harvest due to soils. Auger-Annianias silt loam soil.</p> <p>Wld : leave a conifer and paper birch component</p>										
51	M6	29		50	northern hardwood	unevenaged	thinning	1		
<p>comnts Fmd : Red maple stand with hemlock, and spruce. Scattered cedar and white pine. Pockets of good quality and areas of lower quality, small diameters. Some low ground pockets. Thick balsam understory in most of the stand. One drainage running east and west through the stand. Eastern portion of the stand has better quality in the red maple. Prescribe the stand for treatment. Shelterwood harvest to promote red maple regeneration. Areas where the quality is lower and thicker balsam understory, reduce the BA to shelterwood specs of 50-60 BA residual. In areas of better quality red maple, leave the residual BA slightly higher, averaging 70 sq. ft in those areas. Leave white pine and hemlock as residual unless they have dead tops, then remove. Management objective of northern hardwoods with a conifer component. Winter harvest. Access road to this stand and other prescribed stands along Baker Trail will run through this stand. Propose for a permanent road to connect the Halifax Rd with Baker Road through due to the access issues and problems arising with Halifax Club. Auger-Annianias silt loam soil.</p> <p>Wld : leave all hemlock and try to encourage regen. Leave healthy white pine and a yellow birch component</p>										
54	M6	20		55	northern hardwood	unevenaged	thinning	1		
<p>comnts Fmd : Fair quality red maple. Some areas of lower quality, more north of Baker Trail. Areas also of much better quality onslightly higher ground. Pockets of cedar, pockets of hemlock. Individual large white pine and white spruce. BA is higher around pockets of cedar and hemlock. Prescribe the stand for a thinning treatment (one sale with stands 51, 55, 66 and 70. Remove the lower quality red maple, spruce and balsam. Reduce the BA to an average of 70 sq ft. In areas where the quality of the maple is lower, reduce the BA down to an average of 60 sq ft. Management objective of nothern hardwoods with a conifer component. Access road to stand will be around the east side of the Halifax Club through stand 51. Propose this to be a permanent road connecting Halifax Road to Baker Trail due to access problems with the halifax Club over the past few years. Illegal blinds and ORV trails throughout the area. Auger-Annianias silt loam soil.</p> <p>Wld : leave yellow birch, cedar and hemlock and try to encourage hemlock. Leave some large white pine</p>										
55	W9	31	98	58	white pine	unevenaged	shelterwood-seed	1		
<p>comnts Fmd : Very mixed stand. White pine, cedar, hemlock, spruce, maple, yellow birch, a few aspen (Q6/W9/W6/H6/H9). Parts are a Q6 stand, but the majority of the stand is more of a W9 with hemlock and cedar. Some decline showing in the spruce and a few large white pine. Eastern finger of the stand is more cedar. Manage the stand for white pine. Prescribe for a shleterwood harvest. Reduce the BA to 50-60 sq ft. Remove spruce, maple and other miscellaneous species. Mark 20-30 sq ft of white pine concentrating on low quality or with dead tops. Leave some yellow birch and hemlock and cedar. Management objective of white pine. Alternative management objective of white pine with mixed conifers. Auger-Annianias silt loam soil.</p> <p>Wld : leave yellow birch, hemlock and cedar.</p>										

NEWBERRY FOREST MGT UNIT

**Proposed Treatments
With NO Limiting Factors**

Compartment: 49

Entry Year: 2008

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	DFD Status
66	M6	69		55	northern hardwood	unevenaged	thinning	1		
<p>comnts Fmd : Fair quality red maple. Some areas of lower quality, more north of Baker Trail. Areas also of much better quality on slightly higher ground. Pockets of cedar, pockets of hemlock. Individual large white pine and white spruce. BA is higher around pockets of cedar and hemlock. Prescribe the stand for a thinning treatment. Remove the lower quality red maple, spruce and balsam. Reduce the BA to an average of 70 sq ft. In areas where the quality of the maple is lower, reduce the BA down to an average of 60 sq ft. Management objective of northern hardwoods with a conifer component. Auger-Annianis silt loam soil.</p> <p>Wld : leave yellow birch, some large white pine, and hemlock and cedar.</p>										
70	M6	46		55	northern hardwood	unevenaged	thinning	1		
<p>comnts Fmd : Pretty good quality red maple with some hard maple. East end - quality decreases. Middle of the stand is the best quality. Good maple component in the understory. Scattered yellow birch, some large dbh white spruce. Prescribe the stand for a thinning (one sale with stands 51, 54, 55, and 66). Remove lower quality trees to improve the growth to the residual stand. Access to the stand will be via access road through stand 51 to Baker Road. Either continue the road south through stand 66 for management or use the abandoned road through stand 44. Illegal blind and ORV trail through stand from private to the west. Auger-Annianis silt loam soil.</p> <p>Wld : leave yellow birch and large white pine.</p>										
99	M6	4		60	northern hardwood	unevenaged	selection	1		
<p>comnts Fmd : Stand is a small ridge of maple extending out from the larger portion of the stand in C 50 (stand 39). Fairly good quality in the red and sugar maple. Slope may cause skidding problems if not careful when harvested. Stand is already set up for sale as part of a larger sale from C 50. Included with that sale since it is part of the larger stand 39 from C 50.</p> <p>Wld :</p>										
107	M6	39		55	northern hardwood	unevenaged	thinning	1		
<p>comnts Fmd : Decent quality hardwoods. Best quality is in the sugar maple poles. Some maple borer damage. Large diameter red maple pulp throughout. Stand quality decreases in the western portion of the stand. Wetter areas with scattered cedar. Slopes in the southwest portion of the stand. Prescribe the stand for a thinning. Remove lower quality trees to improve the growth on higher quality pole size trees, mainly sugar maple. Thin to a residual of 70-80 sq ft. Access from Charcoal Grade may require winter harvest. Auger silt loam.</p> <p>Wld : leave hemlock, cedar and large white pine</p>										
110	A6	47	71	55	aspen (upland)	mature	final harvest	6		
<p>comnts Fmd : Very large diameter, overmature aspen over maple. Aspen is showing lots of rot and decline. Lower quality in the maple. Fair amount of aspen regeneration in the understory in spots. Pockets of balsam and spruce. Prescribed for a conversion to aspen last entry year. Same prescription for this entry year. Stand is currently under contract with the prescribed stand in C50 to the west. Treated as all one stand. "Baird Creek Aspen", sale #019-06-01. Sale has been sold.</p> <p>Wld : leave a spruce component</p>										
112	M6	2		50	northern hardwood	unevenaged	selection	6		
<p>comnts Fmd : Small portion of a larger red maple stand extending from C 50 (stand 45). Low quality. Stand is currently under contract as "Penny Creek Hardwoods" (028-03-01. Set up as an addition to the existing sale, provided access to the existing sale area.</p>										
Total Acres.....		495								

NEWBERRY FOREST MGT UNIT

**Proposed Treatments
With Limiting Factors**

Compartment: 49

Entry Year: 2008

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FD Status
32	M6	7		60	northern hardwood	unevenaged	thinning	2		

TREATMENT LIMITING FACTORS: Inadequate volume due to small acreage

comnts Fmd : Red maple stand. Lots of lower ground. Hummocky in spots. Good hemlock regen in the eastern edge. Scattered white pine. Areas of higher ground with better quality, some sugar maple. Majority of the stand is in C. 48 to the west. Place limiting factor on the stand until it is decided whether or not to treat the remainder of the stand in C 48 (2013 YOE). If those stands are treated (C48) then treat these portions of the stand that are within this compartment. Otherwise, leave the limiting factors on and hold the stands for 10 years. Auger-Annianias silt loam soil.

49	M6	2		60	northern hardwood	unevenaged	thinning	2		
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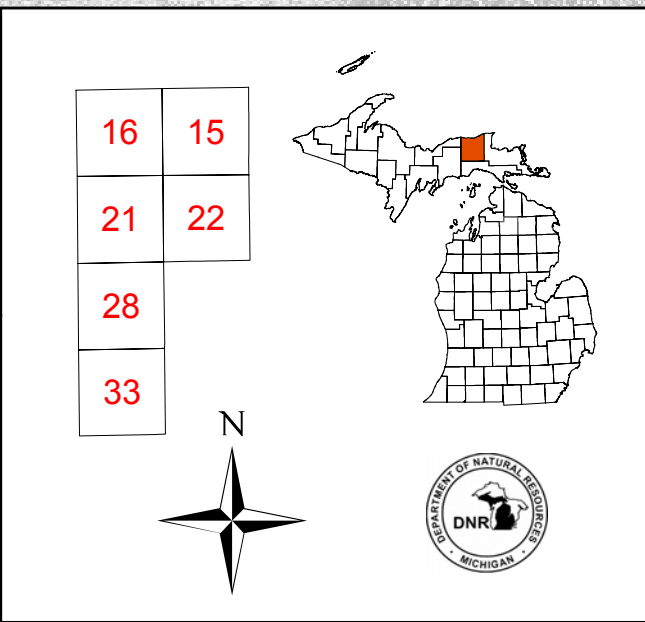
TREATMENT LIMITING FACTORS: Inadequate volume due to small acreage

comnts Fmd : Red maple stand. Lots of lower ground. Hummocky in spots. Good hemlock regen in the eastern edge. Scattered white pine. Areas of higher ground with better quality, some sugar maple. Majority of the stand is in C. 48 to the west. Place limiting factor on the stand until it is decided whether or not to treat the remainder of the stand in C 48 (2013 YOE). If those stands are treated (C48) then treat these portions of the stand that are within this compartment. Otherwise, leave the limiting factors on and hold the stands for 10 years. Auger-Annianias silt loam soil.

Total Acres..... 9

Field Map

Compartment 49
 T48N, R08W, Sec. 15, 16, 21, 22, 28, 33
 County: Luce
 Unit: Newberry
 YOE: 2008
 Acres: 2,582 GIS Calculated
 Stand Examiner: Jason Tokar
 Map Revised: 11/8/2006
 Map Phase: Pre-review



16	15
21	22
28	
33	

- Legend**
- ◆ RLS Corners
 - Miris Corners
 - Highways
 - Gravel Roads
 - Poor Dirt Roads
 - Closed Roads
 - Water Features
 - 🏠 Camps
 - ⊗ Berms
 - ⊗ Gates
 - 🚓 TFSP Sign
 - State Highway
 - ▭ Stand Boundary
 - ▨ 100 - Final Harvest
 - ▩ 300 - Shelterwood-seed
 - ▧ 400 - Thinning
 - ▦ 800 - Selection

