

NEWBERRY FOREST MGT UNIT

Stand Level Information

Compartment: 88

Entry Year: 2007

* See "Compartment Packets Glossary of Terms" document link on web site for further descriptions and code definitions.

Stand ID	Cover Type-Dnsty	Under Story-Stkng Level	A c r e s	Age	avg. D		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B H	Tot. BA								
1	M5	M3	1		8	60	50	northern hardwood	low quality	N		20-29 years	0	
comnts Fmd : Stand is on the east side of Co Rd 407. Small diameter red maple with aspen and cherry. Short heights. Thick understory of maple, aspen, and some balsam. Not much quality in the maple or cherry. Travel influence zone. Kalkaska sand.														
2	X0	X0	1		0	0		other non-stocked or non-forest or non-productive	nonstocked	N		not scheduled	0	
comnts Fmd : County Road 407 and right of way														
3	F5	A3	16	44	6	50	40	spruce-fir (uplands-including upland black spruce)	immature	N		20-29 years	0	
comnts Fmd : Stand planted in 1961, Hardwoods, aspen, birch and balsam all removed in 2000-2001 (sale #053-97). Released the spruce. Open areas are more of an A3/M3. Pockets of thicker spruce. Check in 20 years. Kalkaska sand.														
4	F6	F3	73	44	7	70	40	spruce-fir (uplands-including upland black spruce)	immature	N		20-29 years	0	
comnts Fmd : Planted in 1961. Some release work done by Title X Crew in 1976. Small diameter spruce, many 3-4 inches in diameter. Check in 20 years for possible thinning. Stand extends into Compartment 85 (stand 69). Kalkaska sand.														
5	M6	M2	8		7	90	50	northern hardwood	unevenaged	N		20-29 years	0	
comnts Fmd : Primarily lesser quality red maple with some better quality single stem hard maple. Most of the stand is short, multiple stem red maple. Kalkaska sand.														
6	V0	V0	5		0	0		bog or muskeg	nonstocked	N		not scheduled	0	
comnts Fmd : small bog bordering Co Rd 422. Spruce along the edges. Dawson, Greenwood and Loxley peats.														
7	F6	F3	3	44	7	70	40	spruce-fir (uplands-including upland black spruce)	immature	N		20-29 years	0	
comnts Fmd : Planted in 1961. Some release work done by Title X Crew in 1976. Small diameter spruce, many 3-4 inches in diameter. Check in 20 years for possible thinning. Stand extends into Compartment 85 (stand 69). Kalkaska sand.														
8	A3	A3	25	14	0	0	55	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : Nice, thick aspen regeneration. Good wildlife habitat. Liminga-Alcona complex.														
9	Z0	Z0	6		0	0		water	nonstocked	N		not scheduled	0	
comnts Fmd : Small pond with a lot of beaver activity.														
10	A6	F3	9	55	9	120	55	aspen (upland)	mature	Y	final harvest	within 0-9 years	1	
comnts Fmd : Mature aspen showing signs of decay and rot. Poor quality red maple. Pockets of higher BA of maple than aspen. Scattered large diameter, pulp quality white pine. Occasional black cherry. Stand is mature, recommend final harvest. Access is via the fuel break to the south through stand 4. Management objective is aspen. Alternative MO is a mixed stand of aspen, northern hardwoods (red maple and cherry) and white spruce. Kalkaska sand.														
Wld : leave some white pine and black cherry														

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					B H	Tot. BA								
11	M6	M2	17		9	120	51	northern hardwood	unevenaged	Y	selection	within 0-9 years	1	
<p>comnts Fmd : Mostly red maple with some hard maple and black cherry. A few small sawlog diameter trees. Some good quality staight boles. Less quality along Co Rd 422 (both sides). Stand was non-commercially thinned in the past. Recommend a selection harvest. Remove low quality red maple and hard maple. Management objective is northern hardwoods. Alternative management objective is northern hardwoods with a balsam component. Kalkaska sand.</p> <p>Wld : leave yellow birch and a beech component</p>														
12	M6	F3	4		8	110	50	northern hardwood	unevenaged	N		20-29 years	0	
<p>comnts Fmd : Poor quality red maple stand with a thick balsam understory. Fair amount of aspen along the stand's western edge. Kalkaska sand.</p>														
13	M3	A2	5	4		0	50	northern hardwood	immature	N		50-59 years	0	
<p>comnts Fmd : Stand was cut as sale #053-97. Converting to a maple and aspen mix. Mainly red maple stump sprouts. A few spruce scattered within the stand. Liminga-Alcona complex.</p>														
14	F6	F3	2	44	8	70	40	spruce-fir (uplands-including upland black spruce)	immature	N		20-29 years	0	
<p>comnts Fmd : Stand cut as sale #053-97 (422 hardwoods). This was a delayed removal. Completed 01/02/02. Areas in the stand that had more hardwoods and aspen are now more of an F4/F5 with an M3/A3 understory. Areas thicker to spruce are still an F6. Liminga-Alcona soil complex.</p>														
15	F6	F3	26	44	8	70	40	spruce-fir (uplands-including upland black spruce)	immature	N		20-29 years	0	
<p>comnts Fmd : Stand cut as sale #053-97 (422 hardwoods). This was a delayed removal. Completed 01/02/02. Areas in the stand that had more hardwoods and aspen are now more of an F4/F5 with an M3/A3 understory. Areas thicker to spruce are still an F6. Liminga-Alcona soil complex.</p>														
16	M6	M2	13		9	130	50	northern hardwood	unevenaged	Y	selection	within 0-9 years	1	
<p>comnts Fmd : Some good quality in the stand. Straight boles in both red maple and hard maple. Tall trees. Rolling hills. Pockets with a thicker balsam understory. Good quality throughout. Recommend selection harvest along with stand 11. Management objective is northern hardwoods. Alternative management objective is northern hardwoods with a balsam component. Liminga-Alcona soil complex.</p> <p>Wld : leave a beech component</p>														
17	F6	F3	4	44	7	70	40	spruce-fir (uplands-including upland black spruce)	immature	N		20-29 years	0	
<p>comnts Fmd : Planted in 1961. Some release work done by Title X Crew in 1976. Small diameter spruce, many 3-4 inches in diameter. Check in 20 years for possible thinning. Stand extends into Compartment 85 (stand 69). Kalkaska sand.</p>														
18	V0	V0	1		0	0		bog or muskeg	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Planted in 1961. Some release work done by Title X Crew in 1976. Small diameter spruce, many 3-4 inches in diameter. Check in 20 years for possible thinning. Stand extends into Compartment 85 (stand 69). Kalkaska sand.</p>														
19	F6	F3	5	44	7	70	40	spruce-fir (uplands-including upland black spruce)	immature	N		20-29 years	0	
<p>comnts Fmd : Planted in 1961. Some release work done by Title X Crew in 1976. Small diameter spruce, many 3-4 inches in diameter. Check in 20 years for possible thinning. Stand extends into Compartment 85 (stand 69). Kalkaska sand.</p>														
20	A3	A3	38	14	0	0	55	aspen (upland)	immature	N		30-39 years	0	
<p>comnts Fmd : Nice, thick aspen regeneration. Good wildlife habitat. Liminga-Alcona complex.</p>														

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Stand	Cover Type-Dnsty	Under Story-Stkng Level	Acres	avg.			Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
				Age	D B H	Tot. BA								
22	V0	V0	1	0	0		bog or muskeg	nonstocked	N		not scheduled	0		
23	A3	M3	20	4	0	0	50	aspen (upland)	immature	N	50-59 years	0		
comnts Fmd : Stand was cut as sale #053-97. Converted to aspen. Nice regeneration 10-12 ft tall. Stand was originally poor quality hardwoods with scattered large overmature aspen throughout. Some nice M3 regeneration mixed in. Large ravine through the stand. Liminga-Alcona soil complex.														
24	M6	M2	27		8	80	55	northern hardwood	unevenaged	N	20-29 years	0		
comnts Fmd : Semi-open stand. Multiple stems, short heights. Some quality. Scattered pockets of large diameter aspen. More red maple with aspen along the bog. Mixed hardwood pulp is beech and cherry. Liminga-Alcona soil complex.														
25	V0	V0	4		0	0		bog or muskeg	nonstocked	N	not scheduled	0		
comnts Fmd : Bog with substantial beaver activity.														
26	V0	V0	1		0	0		bog or muskeg	nonstocked	N	not scheduled	0		
28	S5	S2	2	60	6	40	40	black spruce-swamp	low quality	N	50-59 years	0		
comnts Fmd : Small spruce bog with small diameter black spruce. Dawson, Greenwood and Loxley peats.														
29	M6	M2	7		9	70	50	northern hardwood	unevenaged	N	30-39 years	0		
comnts Fmd : Red maple with hard maple, balsam and some aspen along the edges. Lower quality, multiple stems. Aspen and balsam along the private property. F2/M2 understory (beech, balsam, maple). Liminga-Alcona soil complex.														
30	A6	M2	21	69	10	100	63	aspen (upland)	mature	Y	final harvest	within 0-9 years	1	
comnts Fmd : Mature aspen with red maple and balsam. Some spruce along the bog bordering the stand. Aspen showing rot and mortality. Open areas through the stand. Lots of edge effect with adjacent openings. More balsam and spruce mixed in the north and east part. Clones of large diameter aspen. ORV trail goes through the stand. Recommend for final harvest. Stand continues into Compartment 90 (less than 10 acres).. Put it all up as one sale. Management objective is aspen. Alternative MO is a mixed stand of aspen and northern hardwoods (maple, cherry and beech). Liminga-Alcona soil complex. Wld : leave a cherry component, a conifer component and a beech component														
31	M6	M2	12		8	100	50	northern hardwood	unevenaged	N	10-19 years	0		
comnts Fmd : Maple stand with some good quality, straight clear boles in sugar maple. Scattered large beech and an occasional aspen. Stand quality decreases along the edges. ORV trail runs through the stand. Liminga-Alcona soil complex.														
33	F6	F2	16	70	9	90	48	spruce-fir (uplands-including upland black spruce)	mature	Y		10-19 years	0	
<u>Treatment Limiting Factors:</u> Delayed treatment for age/size class diversity Influence zones Land survey needed														
comnts Fmd : Balsam with spruce and poor quality red maple bordering a small pond and private land. Mature balsam is healthy and of good quality. Some beaver activity on the hardwoods within the stand. ORV trail runs through the majority of the stand. Liminga-Alcona soil complex.														
34	Z0	Z0	4		0	0		water	nonstocked	N	not scheduled	0		
comnts Fmd : Small pond with a bog in the center. Appears to be fairly deep.														

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					B H	Tot. BA								
35	A6	M3	40	30	7	100	60	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : Young healthy aspen stand. Clearcut and TSI'd in 1975. Good heights. Some pockets of slightly more mature aspen throughout. Balsam, red maple and cherry mixed in. Liminga-Alcona soil complex and Paquin-Finch sands.														
36	V0	V0	1		0	0		bog or muskeg	nonstocked	N		not scheduled	0	
37	S6	Q2	5	73	8	70	30	black spruce-swamp	immature	N		20-29 years	0	
comnts Fmd : Small diameter, short black spruce. Very wet stand. Small bog in the middle of the stand. Dawson, Greenwood and Loxley peats.														
45	S6	Q3	10	73	9	110	35	black spruce-swamp	mature	N		20-29 years	0	
comnts Fmd : Wet black spruce stand. Carbondale, Lupton and Tawas mucks.														
46	A6	F3	3	62	10	110	60	aspen (upland)	mature	Y		10-19 years	0	
<u>Treatment Limiting Factors:</u> Delayed treatment for age/size class diversity														
comnts Fmd : Aspen, balsam and red maple. Low quality in the hardwoods. Some decay showing in some large diameter aspen. Component of hard maple and white birch within the stand (mixed hardwood pulp). Liminga-Alcona soil complex.														
48	A6	F3	6	62	10	110	60	aspen (upland)	mature	Y		10-19 years	0	
<u>Treatment Limiting Factors:</u> Delayed treatment for age/size class diversity														
comnts Fmd : Aspen, balsam and red maple. Low quality in the hardwoods. Some decay showing in some large diameter aspen. Component of hard maple and white birch within the stand (mixed hardwood pulp). Liminga-Alcona soil complex.														
49	M6	M2	36		10	130	50	northern hardwood	unevenaged	Y		10-19 years	0	
<u>Treatment Limiting Factors:</u> Delayed treatment for age/size class diversity														
comnts Fmd : Stand is a mix of red maple, hard maple, beech, yellow birch, and balsam. Some good quality near the private. Lower BA (M5) around the openings that are filling in. Hold for 10 years because of the amount of cutting prescribed in the compartment. Liminga-Alcona soil complex.														
50	V0	V0	4		0	0		bog or muskeg	nonstocked	N		not scheduled	0	
51	M5	M3	4		8	50	50	northern hardwood	two aged	N		30-39 years	0	
comnts Fmd : Border around a bog. Beaver activity has altered the stand composition and density. More of an M5 with a thick M3 understory. Beech and aspen throughout. Paquin-Finch sands.														
52	D0	D0	16		0	0		treed bog	nonstocked	N		not scheduled	0	
comnts Fmd : Open bog. Some tree cover. Clumps of spruce. Dawson, Greenwood and Loxley mix														
53	M6	M2	16		10	140	55	northern hardwood	unevenaged	Y	selection	within 0-9 years	2	
comnts Fmd : Mix of hard maple and red maple. Mostly pulp size with a few sawlog trees. Scattered yellow birch and beech. Stand is silviculturally ready for a selection harvest. Remove low quality trees. Access is from the southwest from Co Rd 453. Set up as a sale with stand 55 and possibly with stands prescribed along the same two track road in Compartment 90. Management objective is northern hardwoods. Alternative MO is northern hardwoods with a balsam component. Liminga-Alcona soil complex.														
Wld : leave yellow birch, and a beech component														

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Stand	Cover Type-Dnsty	Under Story-Stkng Level	A c r e s	Age	avg. D		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B H	Tot. BA								
54	M6	M3	7		11	110	55	northern hardwood	unevenaged	N		10-19 years	0	
comnts Fmd : Old notes state the stand was "heavily thinned in 1969". Lots of large diameter maple throughout. Areas of M9. Open canopy areas with advanced regeneration (6" cherry and maple). The stand has a "patchy" appearance. Good quality in sawlogs. ORV trail is the eastern boundary of the stand. Stand should be looked at for selection harvest in 10 years. Liminga-Alcona soil complex.														
55	A6	M3	24	58	10	110	64	aspen (upland)	mature	Y	final harvest	within 0-9 years	1	
comnts Fmd : Aspen with red maple and scattered large spruce. Nice M3 understory. Some rot in the aspen. Pockets of hardwoods. Lots of maple in the understory. Aspen is mature and ready to be harvested. Recommend a final harvest. Access is from the west from Co Rd 453. Set up as sale with stand 53 and prescribed stands in Compartment 90 along the same road. Management objective is aspen. Alternative MO is a mixed stand of aspen, northern hardwoods, and a conifer component. Kalkaska sand. Wld : leave yellow birch if any, paper birch and the large scattered spruce														
56	V0	V0	9					bog or muskeg	nonstocked	N		not scheduled	0	
57	F5	F3	11		9	50	40	spruce-fir (uplands-including upland black spruce)	two aged	N		60-69 years	0	
comnts Fmd : Beaver have removed almost all aspen from the stand. Younger aspen trying to regenerate in those open areas. Remaining stand is an F5 (white pine, spruce, balsam, maple, birch) around the edge of the bog. Kalkaska sand with some Liminga-Alcona soil complex.														
58	V0	V0	8					bog or muskeg	nonstocked	N		not scheduled	0	
59	A6	A3	10	37	8	80	55	aspen (upland)	immature	N		10-19 years	0	
comnts Fmd : Younger aspen with white birch and red maple. Scattered white pine. M3 understory. Aspen is healthy. Borders private land. Check for harvest in 10 years. Liminga-Alcona soil complex.														
60	D0	D0	1					treed bog	nonstocked	N		not scheduled	0	
comnts Fmd : small treed bog														
61	A6	M3	16	60	10	100	60	aspen (upland)	mature	Y	final harvest	within 0-9 years	2	
comnts Fmd : Aspen stand with a lot of variability. Pockets of A5/M5, some open areas, small pockets of red pine. Scattered spruce and white pine. Rot and mortality in aspen is patchy. M3 understory is thick throughout the stand. Stand is ready for a final harvest. Leave white pine and red pine as residual (will account for less than 10 BA). Management objective is aspen with scattered residual white pine. Alternative MO is a mixed stand of aspen, northern hardwoods, white pine and scattered residual white pine.														
62	D0	D0	10					treed bog	nonstocked	N		not scheduled	0	
comnts Fmd : treed bog and drainage to the southeast														
63	R6	M2	10	45	10	250	60	red pine	immature	Y	thinning	within 0-9 years	1	
comnts Fmd : Planted 1960. Rows run roughly north and south and are approx. 12ft apart. Thick plantation. Ready to be thinned. Either 3rd row thin or if rows are tootight, take 2 rows and leave 3 rows. Management objective is to thin the stand to increase growth and vigor of the residual stand. Alternative MO is not needed. Liminga-Alcona soil complex. Wld : leave any white pine														

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					B	Tot. BA								
64	A6	F2	11	49	8	100	60	aspen (upland)	immature	Y		10-19 years	0	
<u>Treatment Limiting Factors:</u>														
Delayed treatment for age/size class diversity														
comnts Fmd : Younger aspen. Old notes state "aspen was cut in 1973". Pockets of low quality maple throughout. Good conifer component. Open areas. Some areas where aspen is lower quality and showing rot. The 1973 cut must not have been a clean cut. Liminga-Alcona soil complex.														
65	M6	M3	8		10	110	55	northern hardwood	unevenaged	N		10-19 years	0	
comnts Fmd : Short heights. Open canopy in areas. Advanced understory of maple and cherry. Good quality in the understory. Pockets of yellow birch and aspen throughout stand. Check stand in 10 years for possible harvest. Make sure that the understory is advanced enough so damage is not too extreme. Better quality in the stand is within the understory. Liminga-Alcona soil complex.														
66	D0	D0	2			0		treed bog	nonstocked	N		not scheduled	0	
comnts Fmd : small treed bog														
67	Q5	Q2	7	69	8	60	35	mixed swamp conifer	low quality	N		40-49 years	0	
comnts Fmd : Bog type ground. Low quality stand of black spruce, white pine and red maple. Some dead white pine.														
68	V0	V0	3			0		bog or muskeg	nonstocked	N		not scheduled	0	
comnts Fmd : Dawson, Greenwood and Loxley peats														
69	M6	M2	26		10	90	55	northern hardwood	unevenaged	N		10-19 years	0	
comnts Fmd : Thinned as sale #19-97. Completed 12/30/98. Mix of hard maple and red maple. Some scattered beech throughout. Good regenerations coming in, mostly beech. Skid trails from the harvest are filling in with saplings. Beech Bark Disease throughout the sale. Liminga-Alcona soil complex.														
70	Q5	Q2	15	73	9	60	35	mixed swamp conifer	low quality	N		30-39 years	0	
comnts Fmd : Mix of spruce and tamarack with some hemlock and white pine. More hemlock on the edge of the hardwoods. More tamarack along the edge of the pond within the stand. Dawson, Greenwood and Loxley peats.														
71	M6	M3	19		10	130	52	northern hardwood	unevenaged	Y	selection	within 0-9 years	1	
comnts Fmd : Tall, straight maple. Some good quality in both the hard maple and red maple. Scattered black cherry. Drainage flowing west to east through the middle of the stand (from bog to west to the pond to the east). Slightly less quality in the north portion of the stand. Possible winter cut to get to the north part of the stand with a culvert to cross the drainage. Stand is ready to be managed by selection harvest. Management objective is northern hardwoods. Alternative MO is northern hardwoods with a balsam component. Liminga-Alcona soil complex.														
Wld : leave black cherry and paper birch														
72	V0	V0	8			0		bog or muskeg	nonstocked	N		not scheduled	0	
78	M6	M2	5		8	110	55	northern hardwood	unevenaged	N		10-19 years	0	
comnts Fmd : Small hardwood stand bordering Co Rd 407. Some quality in the hard maple. Red maple is multiple stems. Occasional aspen on the edges. Liminga-Alcona soil complex.														
79	A6	A2	6	29	8	70	55	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : Young aspen. Transitioning from an A3 to an A6. Small diameters. Thick stands. 3 stands in total. Liminga-Alcona soil complex.														

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					B	Tot. BA	Site Indx							
80	R6	M2	56	46	10	230	55	red pine	immature	Y	thinning	within 0-9 years	2	
<p>comnts Fmd : Red Pine plantation planted in 1959. East and west rows. Some larger (12-14" dbh) trees that are fairly limby. Low quality logs. More aspen in the east half of the stand. No evidence of the stand ever being thinned. High basal area. Prescribe for a thinning, 3rd row thinning if spacing between rows allows. If tight in areas, go to a method of removing 2 rows and leaving 3 rows. Management objective is to thin the stand and improve the growth and vigor of the residual trees. No alternative MO is needed. Liminga-Alcona soil complex.</p> <p>Wld : leave any white pine</p>														
81	R5	A2	4	46	11	50	50	red pine	immature	N		10-19 years	0	
<p>comnts Fmd : Planted 1959, poor survival, limby and shorter. Fairly open stand. Opening that was planted through. Small 1/2 acre "L" in the middle of the stand. Open grown red pine with some merchantable aspen. Check in 10 years and possibly thin through the stand when stand 80 is thinned the next time. Liminga-Alcona soil complex.</p>														
82	A6	A2	2	29	8	70	55	aspen (upland)	immature	N		20-29 years	0	
<p>comnts Fmd : Young aspen. Transitioning from an A3 to an A6. Small diameters. Thick stands. 3 stands in total. Liminga-Alcona soil complex.</p>														
83	A6	A2	8	29	8	70	55	aspen (upland)	immature	N		20-29 years	0	
<p>comnts Fmd : Young aspen. Transitioning from an A3 to an A6. Small diameters. Thick stands. 3 stands in total. Liminga-Alcona soil complex.</p>														
84	A6	M3	7	51	10	110	60	aspen (upland)	mature	Y		10-19 years	0	
<p><u>Treatment Limiting Factors:</u> Delayed treatment for age/size class diversity Scenic values/visual values Influence zones</p>														
<p>comnts Fmd : Fairly healthy looking aspen along Co Rd 455. Some rot in the larger diameter aspen. Aspen is 50+ years old but should hold for 10 years. Recommend leaving for 10 years for age class diversity and for visual reasons (residences and travel on county roads - social factor) with the amount of aspen being cut in the vicinity. Liminga-Alcona soil complex.</p>														
85	M6	M2	9		10	110	55	northern hardwood	unevenaged	N		20-29 years	0	
<p>comnts Fmd : Multiple stems, doubles and triples. Clumpy appearance to the stand. Lower quality, especially in the beech. Some better quality in the single stem maple. Open canopy. Check for harvest in 10 years. Liminga-Alcona soil complex.</p>														
87	A6	M3	18	53	9	90	62	aspen (upland)	mature	Y		10-19 years	0	
<p><u>Treatment Limiting Factors:</u> Delayed treatment for age/size class diversity Scenic values/visual values Influence zones</p>														
<p>comnts Fmd : Mature aspen with semi-open areas mixed in. Fairly healthy with some rot showing in larger diameter trees. Thick pockets. Some areas around the openings are more of an A3. All different size classes in the aspen. Pockets of white birch. Spruce around the openings. Hold stand for 10 years based on amount of aspen being harvested in the vicinity - social factor, travel influence zone). Liminga-Alcona soil complex.</p>														
89	R6	M3	10	56	11	120	60	red pine	immature	N		20-29 years	0	
<p>comnts Fmd : Planted in 1949. Stand was thinned as sale #026-97. Removed all species other than red pine and also marked red pine. Thick M3/A3 understory now present after the harvest. Good quality in the residual red pine. Liminga-Alcona soil complex.</p>														
95	A6	A2	5	53	9	90	62	aspen (upland)	mature	Y		10-19 years	0	
<p><u>Treatment Limiting Factors:</u> Delayed treatment for age/size class diversity</p>														
<p>comnts Fmd : Aspen with balsam and maple. Some aspen showing mortality. Pockets of spruce and aspen. Lots of smaller diameter trees throughout the stand. Most of the stand appears to be healthy enough to hold for 10 years for diversity due to the amount of aspen prescribed in the vicinity. Liminga-Alcona soil complex.</p>														

* See "Compartment Packets Glossary of Terms" document link on web site for further descriptions and code definitions.

Stand	Cover Type-Dnsty	Under Story-Stkng Level	A c r e s	Age	avg. D			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B H	Tot. BA	Site Indx							
96	M6	M2	3		10	110	55	northern hardwood	unevenaged	N		20-29 years	0	
comnts Fmd : Multiple stems, doubles and triples. Clumpy appearance to the stand. Lower quality, especially in the beech. Some better quality in the single stem maple. Open canopy. Check for harvest in 10 years. Liminga-Alcona soil complex.														
97	R6	M3	12	56	10	170	50	red pine	mature	N	thinning	within 0-9 years	1	
comnts Fmd : Planted in fall of 1949. Stand is a mix red pine, jack pine and smaller maple and some aspen. Alternating rows of red pine and jack pine. Pockets of maple and aspen. Jack pine is mature, showing decline and needs to be harvested out of the stand. Harvest the stand by thinning. Remove all jack pine, maple and aspen. Some red pine may be marked in areas for maneuverability if needed. Manage the stand for red pine. Set up for sale with stand 98. Management objective is to thin the stand to improve the growth and vigor of the residual red pine. No alternative management objective is needed. Liminga-Alcona soil complex.														
Wld : leave any white pine														
98	J6	M3	6	56	10	130	50	jack pine	mature	N	final harvest	within 0-9 years	1	natural regeneration
comnts Fmd : Mature jack pine with scattered red pine. Stand was originally part of same stand with stand 97 to the north. Separated out as a separate stand due to the species composition. Jack pine is mature and showing decline. Some blowdown. Management objective for the stand will be jack pine. Final harvest to remove all jack pine and any aspen and hardwoods within the stand. Retain red pine after harvest. Scarification to follow the harvest to promote jack pine regeneration. Machine planting to follow scarification if necessary. Set up as a sale with stand 97. Access will be from the south to avoid trucks turning onto newly paved Co Rd 455. Management objective is jack pine. Alternative management objective is a mix of jack pine and red pine, with a possible hardwood component.														
Wld : leave red pine in the stand														
99	A5	M3	8	37	9	50	55	aspen (upland)	two aged	N		20-29 years	0	
comnts Fmd : Aspen stand adjacent to Co Rd 455. Aspen overstory with aspen and maple understory. Low quality. Thicker in spots - clones of aspen. Lots of decay/rot in the stand. Scattered cherry and spruce. Liminga-Alcona soil complex.														
101	R6	M2	8	56	11	170	55	red pine	immature	N	thinning	within 0-9 years	1	
comnts Fmd : Planted in 1949. Thinned in 1980. Thinned again in 1999 (#026-97). Appears that larger diameter pine was removed in the last thinning. Good mix of pulpwood and sawlog size diameters. Some utility pole quality trees. Crowns are crowded. Recommend another thinning to open up the crowns and add some diameter to the residual stand. This thinning should add diameter to the stand (R9). Reduce the basal area of the stand to an average of 110. Manage as a red pine plantation. Management objective is improving the growth on the residual red pine.														
Wld : leave large maple on the south end														
104	A5	M3	28	45	8	60	58	aspen (upland)	immature	N		10-19 years	0	
comnts Fmd : Stand of young aspen adjacent to Co Rd 455. Lots of aspen 3-4 inches in diameter. Stand is thick due to the number of small diameter aspen and maple. Stand is healthy. Open areas within the stand. Some clones showing some rot. Check for harvest in 10-20 years. If healthy, try to hold for 20 years for diversity. Travel influence and residence across county road. Stand continues west into Compartment 90. Snowmobile trail transects stand.														
105	A6	M3	4	61	10	120	60	aspen (upland)	mature	Y		10-19 years	0	
<u>Treatment Limiting Factors:</u> Delayed treatment for age/size class diversity														
comnts Fmd : This stand has more of a conifer component than adjacent stands. Border between this stand and stand 109 can be determined by the balsam and spruce component in this stand. Snowmobile trail is the northern boundary of the stand. Stand crosses into Compartment 90 (as stand 144). Treat as one stand. Hold for 10 years for diversity (age and structural). Aspen in the stand is healthy. Kalkaska sand.														
106	W4	G0	1		9	30	45	white pine	immature	N		40-49 years	0	
comnts Fmd : Opening filling in with white pine, spruce and balsam. Open grown. Stand continues west into Compartment 90, Stand 153. Kalkaska sand.														

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Stand	Cover Type-Dnsty	Under Story-Stkng Level	A c r e s	Age	avg. D		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B H	Tot. BA								
109	A6	M3	66	55	10	100	66	aspen (upland)	mature	Y	final harvest	within 0-9 years	1	
<p>comnts Fmd : Slightly larger diameters, taller and higher basal area than adjacent aspen stands (stands 104 and 105). Pockets of balsam in the understory. Common stand boundary between the stands is hard to delineate. Stand boundary between this stand and stand 105 follows the thicker conifer understory is stand 105. Clones of larger aspen throughout the stand. Small components of spruce, white birch and cherry within the stand. Stand is silviculturally ready for a final harvest. Leave any white pine as residual. Snowmobile trail runs through the stand. Harvest should be a summer time harvest to avoid conflicts with snowmobile trail. Management objective is aspen. Alternative management objective is a mixed stand of aspen, northern hardwoods and a possible component of conifers (balsam and spruce). Liminga-Alcona soil complex.</p> <p>Wld : leave yellow birch and a paper birch and beech component</p>														
110	A6	F2	9	66	9	90	64	aspen (upland)	mature	Y	final harvest	within 0-9 years	2	
<p><u>Treatment Limiting Factors:</u> Delayed treatment for age/size class diversity</p> <p>comnts Fmd : Aspen stand with lots of variability. Pockets of thick mature balsam. Low quality, limby maple. Some cherry and white birch. Scattered yellow birch. Thick aspen clone on west end. Areas of blowdown. Aspen is dying out. Borders a bog with beaver activity to the south. Final harvest the stand before the aspen is all dead. Open areas should be included in the stand when set up for harvest. Access will have to be from the east via two track road from Co Rd 407. Leave any yellow birch as residual. ORV trail runs through the stand. Management objective is aspen. Alternative management objective is a mix of aspen, balsam, and northern hardwoods. Liminga-Alcona soil complex.</p> <p>Wld : leave yellow birch</p>														
111	M5	F3	8		8	50	50	northern hardwood	low quality	N		20-29 years	0	
<p>comnts Fmd : Wetter hardwoods stand. Pockets of spruce and hemlock. Small diameters and short heights. Liminga-Alcona soil complex.</p>														
400	G0	G0	26			0		grass	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Large opening with clumps of cherry and aspen. Scattered spruce and balsam. Liminga-Alcona soil complex.</p>														
402	G0	G0	3			0		grass	nonstocked	N		20-29 years	0	
<p>comnts Fmd : Liminga-Alcona complex</p>														
403	G0	G0	1			0		grass	nonstocked	N		20-29 years	0	
<p>comnts Fmd : Liminga-Alcona complex</p>														
407	G0	G0	2			0		grass	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Small grass opening along Co Rd 426. Liminga-Alcona soil complex.</p>														
408	G0	G0	7			0		grass	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Snowmobile trail runs through the stand. Liminga-Alcona soil complex.</p>														
421	G0	G0	3			0		grass	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Large opening with lots of "fingers". Scattered bushy white pine and spruce. Some aspen and cherry encorachment from adjacent stands. Grass and reindeer moss. Liminga-Alcona soil complex.</p>														
427	G0	G0	30			0		grass	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Large opening with lots of "fingers". Scattered bushy white pine and spruce. Some aspen and cherry encorachment from adjacent stands. Grass and reindeer moss. Liminga-Alcona soil complex.</p>														
432	G0	G0	1			0		grass	nonstocked	N		30-39 years	0	

NEWBERRY FOREST MGT UNIT

Stand Level Information

Compartment: 88

Entry Year: 2007

* See "Compartment Packets Glossary of Terms" document link on web site for further descriptions and code definitions.

Stand	Cover Type-Dnsty	Under Story-Stkng Level	Age	Average Diameter	Total BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
447	G0	G0	10		0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : Opening starting to fill in with some white birch, aspen and cherry encroachment along the edges. Some small balsam an spruce. Liminga-Alcona soil complex.													
486	G0	G0	5		0		grass	nonstocked	N		10-19 years	0	
comnts Fmd : Opening with clumps of cherry and aspen encroachment from adjacent stands. Scattered spruce and balsam. Possibly maintain when harvest the adjacent aspen stands in 10-20 years. Liminga-Alcona soil complex.													
488	G0	G0	1		0		grass	nonstocked	N		10-19 years	0	
comnts Fmd : Opening with clumps of cherry and aspen encroachment from adjacent stands. Scattered spruce and balsam. Possibly maintain when harvest the adjacent aspen stands in 10-20 years. Liminga-Alcona soil complex.													
713	A3	A3	3	23	0	65	aspen (upland)	immature	N		40-49 years	0	
comnts Fmd : LUCE COUNTY LEASE LAND.													
738	A3	M2	7	1	0	50	aspen (upland)	immature	N		50-59 years	0	
comnts Fmd : LUCE COUNTY LEASE LAND. Stand was clearcut in 2001-2002. Regenerating to aspen on the north and south portions and more of an M2/A2 in the middle. Stand was originally part of stand 739 (originally Stand 21).													
739	M6	M2	12	8	80	50	northern hardwood	unevenaged	N		20-29 years	0	
comnts Fmd : LUCE COUNTY LEASE LAND. Stand sold as a sale in 2001. Thinned from 2001-2003. Multiple stems, lower quality. Most of larger diameter tree removed in the most recent harvest. The western portion of the original stand (stand 21) was clearcut. No update as to when the next harvest is scheduled for this stand.													
740	R9	M3	2	55	12	160	70	red pine	immature	N	10-19 years	0	
comnts Fmd : LUCE COUNTY LEASE LAND. Stand was thinned between 1999-2001. Nice tall red pine with M3 understory. Adjacent to Co Rd 407. January 2004 Administrative Update - Luce County Lease Land lists this stand scheduled for harvest again in 2009.													
741	R9	M3	14	55	12	160	70	red pine	immature	N	10-19 years	0	
comnts Fmd : LUCE COUNTY LEASE LAND. Stand was thinned between 1999-2001. Nice tall red pine with M3 understory. Adjacent to Co Rd 407. January 2004 Administrative Update - Luce County Lease Land lists this stand scheduled for harvest again in 2009.													
742	X0	X0	1	0	0		other non-stocked or non-forest or non-productive	nonstocked	N		not scheduled	0	
comnts Fmd : County Road 407 and right of way. Within Luce County Lease Land boundary.													
743	M5	M1	2	8	60	55	northern hardwood	immature	N		20-29 years	0	
comnts Fmd : LUCE COUNTY LEASE LAND. Small stand in between Co Rd 407 and Co Rd 505. Some red pine from the 1949 planting along Co Rd 407. Hard maple and beech.													
744	Z0	Z0	1		0		water	nonstocked	N		not scheduled	0	
comnts Fmd : LUCE COUNTY LEASE LAND. Small pond.													
773	M6	M3	21	9	80	50	northern hardwood	unevenaged	N		10-19 years	0	
comnts Fmd : LUCE COUNTY LEASE LAND. Open canopy maple stand with M3 understory. Pocket of aspen in the middle of the stand along the road. Some quality in the stand. Some large diameter beech. Liminga-Alcona soil complex.													

NEWBERRY FOREST MGT UNIT

Stand Level Information

Compartment: 88

Entry Year: 2007

* See "Compartment Packets Glossary of Terms" document link on web site for further descriptions and code definitions.

Stand ID	Cover Type-Dnsty	Under Story-Stkng Level	Age	A c r e s	avg. D		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B H	Tot. BA								
774	R0	R0	27	1		0	60	red pine	in process of regeneration	N		within 0-9 years	0	planting
comnts Fmd : LUCE COUNTY LEASE LAND. Stand was originally planted in 1960. Recently final harvested in 2003-2004. Management plan states that the stand is to be re-planted to red pine after final harvest. Not yet re-planted. After talking with Todd Miller from Grossman Forestry Company, it sounds as though they plan to let the stand convert to aspen. Does this need DNR approval?														
775	R9	M1	27	56	12	150	65	red pine	immature	N		10-19 years	0	
comnts Fmd : LUCE COUNTY LEASE LAND. Stand was set up for sale in 2003, thinned between 2003-2004. January 2004 Administrative Update - Luce County Lease Lands list this stand as prescribed for harveste again in 2011.														
776	L0	L0	1			0		lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : LUCE COUNTY LEASE LAND														
777	M6	M1	8		9	100	54	northern hardwood	unevenaged	N		not scheduled	0	
comnts Fmd : LUCE COUNTY LEASE LAND. Prescribed by county for conversion to red pine. Recommend leaving as hardwood stand. Some quality within the stand. Scattered yellow birch. Basal area ranges from 90-110 sq ft on average. Liminga-Alcona soil complex.														
790	R9	M2	67	56	12	140	65	red pine	immature	N		10-19 years	0	
comnts Fmd : LUCE COUNTY LEASE LAND. Stand was set up for sale in 2000, thinned between 2000 and 2002. No exact time available. Fairly well spaced crowns. The January 2004 Administrative Update for the Lucve County Lease Lands, written by Grossman Forestry Company states that this stand is prescribed for another harvest in 2010.														
791	A3	A3	7	23		0	65	aspen (upland)	immature	N		40-49 years	0	
comnts Fmd : LUCE COUNTY LEASE LAND.														
792	A6	M3	2	55	10	100	66	aspen (upland)	mature	Y	final harvest	within 0-9 years	1	
comnts Fmd : LUCE COUNTY LEASE LAND. This stand is an extension of Stand 109 on state land. Following notes are from stand 109. Slightly larger diameters, taller and higher basal area than adjacent aspen stands (stands 104 and 105). Pockets of balsam in the understory. Small components of spruce, white birch and cherry within the stand. Stand is silviculturally ready for a final harvest. Leave any white pine as residual. Harvest should be a summer time harvest to avoid conflicts with snowmobile trail. Liminga-Alcona soil complex.														
793	A3	M2	1	13		0	55	aspen (upland)	immature	N		40-49 years	0	
comnts Fmd : LUCE COUNTY LEASE LAND. Small acreage, young aspen stand.														
794	A5	M3	3	33	8	50	55	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : LUCE COUNTY LEASE LAND. Small diameter, young aspen.														
Total Acres.....													1301	