

NEWBERRY FOREST MGT UNIT

Stand Level Information

Compartment: 14

Entry Year: 2008

* 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	Acrs	Age	avg. DBH	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
1	R 5	R 2	11		10	40	45	red pine	unevenaged	N		20-29 years	0	
comnts Fmd : T. sale #28-87 "Triangle Sale" (unit1); cut in 1989. RP and Oak were left. Some PB noted also. Stand originally planted in 1930 w/replant in 1962 (3-0 RP). Regeneration is mix of J,W and M. Continue to manage for stand diversity. 1998: stand 1														
2	J 3	J 2	12	14	1	0	45	jack pine	immature	N		50-59 years	0	
comnts Fmd : T. sale #28-87, "Triangle sale" (Unit 2), cut 1989. FTP42-239: 12 acres scarified 11/1991 and regeneration noted 10/95. Some PB and oak clumps within, as well as red maple sprouts - acceptable diversity. 1998: stand 2 (67)														
3	R 6	W 1	4		10	70	45	red pine	unevenaged	N	shelterwood-seed	within 0-9 years	3	
comnts Fmd : T. sale #28-87 "Triangle sale" (Unit 1), cut 1989. Primarily treating at this time due to ongoing county road R.O.W. expansion. Original planting in F, 1930 with replant in 1962. Some red maple clumps within; weeviled WP. MO2 = W,J. 1998: (part of) stand 1 Wld : leave any oak														
4	X 0	X 0	2			0		other non-stocked or non-forest or non-productive	nonstocked	N		not scheduled	0	
comnts Fmd : County Road 410 W 1998: N/A														
5	W 9	W 1	5		12	100	50	white pine	unevenaged	N		10-19 years	0	
comnts Fmd : Thinned under t. sale #29-87, "Old Logging Camp" sale (unit 2) in 1990-92. Some PB within. Density is patchy. 1998: stand 6.														
6	R 8	J 1	20	70	14	50	45	red pine	two aged	N		30-39 years	0	
comnts Fmd : T. sale #29-87 "Old Logging Camp" sale (unit 1) - cut in 1990. Old skid trail still visible within. Two-aged red pine; from original 1930's planting and replant in 1962. 1998: stand 5														
7	J 6	W 1	15	78	10	100	45	jack pine	mature	Y	final harvest	within 0-9 years	1	natural regeneration
comnts Fmd : Planted in 1930 (2-0 JP). Seeing quite a bit of blowdown and dying trees now; recent damage from budworm. Occasional PB within, which could be left for diversity and visual mgmt. Leave all oak, and most W,R - thin only for access and county R.O.W. expansion. Ground cover noted includes: bracken fern, blueberry, wintergreen, pipssisewa. Acceptable spp mix includes: J,R,W,O,B. 1998: stand 4 Wld : leave red and white pine, can harvest some if needed for maneuverability only . Leave paper birch and oak.														
8	R 5	R 1	50		11	50	45	red pine	in process of regeneration	N		within 0-9 years	0	other - specify in remarks
comnts Fmd : T. sale #001-99, "Co Rd 410 Pine". Sale cut 5/2002. N. portion (Unit1) was scarified 8/02 (FTP42-462). Regeneration survey completed 5/06 = 137 t/ac - mixed spp. Continue to monitor regeneration and plant, if necessary. Mixed hardwood includes: PB,O. Some WP. Acceptable spp mix of R,W,J,O,B. The ORV trail runs through this stand. 1998: stand 9														
9	R 6	W 2	9	78	9	80	45	red pine	immature	Y		10-19 years	0	
Treatment Limiting Factors: Retention of stand for regeneration purposes (ie. shelterwood)														
comnts Fmd : Planted in 1930. Remove JP and thin RP when harvest; leave oak and PB. WP with weevil damage. Budworm damage. Allow regeneration to fully establish within stand to the south before harvesting this one. 1998: stand 25														
10	R 5	R 2	17	77	9	60	45	red pine	immature	N		10-19 years	0	
comnts Fmd : Planted in 1929 (J,R) with replant in 1962 (R). Some larger diameter timber along county road portion. Mixed commercial spp = W,PB. 1998: stand 25														

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					B	Tot. BA								
11	R 2	R 1	11		3	30	45	red pine	in process of regeneration	N		within 0-9 years	0	other - specify in remarks
comnts Fmd : Original planting done in 1929, with replant in 1962 (RP). "Co Rd 410 Pine" sale, #001-99 cut spring, 2002, with ~ 30-40 BA residual. FTP# 42-462: scarification completed 8/2002. Regeneration survey 5/2006 = 137 t/ac. Continue to monitor regeneration and follow-up with additional planting, if necessary. Will become a two-aged/unevenaged stand. The ORV trail runs along the south stand boundary. 1998: stand 23														
12	R 5	R 1	10	43	6	50	40	red pine	two aged	N		40-49 years	0	
comnts Fmd : T. sale #27-87 (Unit 2) "Sandhill Sale" - cut in 1991. Original stand was planted in 1929 with RP replanting in 1962-63. Some PB,W,J, and O present. 1998: stand 22														
13	R 6	W 1	23	77	10	70	43	red pine	immature	N		20-29 years	0	
comnts Fmd : T. sale #27-87, "Sandhill Sale" (unit 1); jack pine removed in 1990-91. Misc. spp include: W,PB, RM. Old WP stumps within. Original planting F, 1929 with replant, 1963. 1998: stand 26														
14	J 3	J 3	25	14	2	0	50	jack pine	immature	N		50-59 years	0	
comnts Fmd : "Sandhill Sale" #27-87 (unit 2) cut in 1991; FTP42-278 scarification completed 10/91. Regeneration survey in 1996 showed "spotty regen", but within acceptable levels (500-1400 t/ac). JP is now 10 - 16 feet in height. 1998: stand 21														
15	R 8	W 2	109	77	13	50	45	red pine	two aged	N		20-29 years	0	
comnts Fmd : T. sale #007-98 "Stray Line Jack Pine", cut August-Sept., 1998. Good WP regeneration, but also red pine, which is acceptable. Some RP from 1962 plantings. The ORV trail runs through the stand. 1998: stand 19														
16	W 6	W 2	94		10	90	45	white pine	unevenaged	N		10-19 years	0	
comnts Fmd : Stand combines several areas of thick (~120-140 BA) and thin (~70 BA) white pine following old logging grades/spurs. In addition, there is an inclusion of red pine which was not treated with adjacent t. sale the previous entry. The north end of the stand contains a larger oak component, and paper birch is mixed throughout. Some spike tops/dead tops on older WP. 1998: stand(s) 3,8,19														
17	R 6	R 2	6	46	7	100	45	red pine	two aged	N		20-29 years	0	
comnts Fmd : Slightly open, frost pocket area planted in 1930 with replant in 1962. Mixed pine includes W,J. The ORV trail runs through the stand. 1998: stand 10 (69)														
18	R 6	R 1	70	78	10	90	46	red pine	two aged	Y	shelterwood-seed	within 0-9 years	1	natural regeneration
comnts Fmd : Planted in 1930 (2-0 R,J) with replant in 1962 (3-0 R); jack pine is being damaged by budworm and age - remove. Thin out red pine, where needed, to release/establish red pine regeneration. Acceptable MO2 = J,W. Some patches of WP within, which should be thinned lightly. PB present - could be left where it will not interfere with harvesting needs. The ORV trail runs through a small portion of the stand. 1998: stand 8 Wld : leave paper birch														
19	J 3	R 1	57	13	2	0	50	jack pine	immature	N		50-59 years	0	
comnts Fmd : "Old Logging Camp" sale #29-87 (unit 3), cut in August, 1992. FTP42-309: scarification - never completed. FTP42-372: machine plant JP (2-0 stock) completed 6/95. Some older W,R within stand, also; RP from replant in 1962 (3-0 stock), natural WP. Mixed spp acceptable. 1998: stand 7														
20	R 7	J 2	46	47	12	30	50	red pine	two aged	N		30-39 years	0	
comnts Fmd : "Crosscut Jack Pine", sale#19-98 - cut summer, 2000. Scarification completed (42-438) fall,2000. Regeneration survey 5/04 = 416 t/ac mixed spp. Lots of RP regeneration esp. within old skid/haul roads. Regen is 1 - 3 feet in height. Acceptable regen = J,W,R. Blends together with adjacent stand (stand 26) - can probably combine stands next entry - they are virtually the same stands now. Originally planted in 1930 with replant in 1962. The ORV trail runs through north portion of the stand. 1998: stand 11														

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Stand	Cover Type-Dnsty	Under Story-Stkng Level	Acrs	Age	avg.		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					D B	Tot. BA								
21	R 9	W 1	12	14	90	45		red pine	unevenaged	N	shelterwood-seed	within 0-9 years	3	natural regeneration
<p>comnts Fmd : Rolling terrain; limby RP - some mistletoe noted. Remove old jack pine - budworm present. Some smaller J/R within. Stand originally planted in 1930, with replant (R) in 1962. MO2=J,W. 1998: stand 12</p> <p>Wld : leave white pine</p>														
22	J 6	R 1	18	78	10	100	45	jack pine	high risk	Y	final harvest	within 0-9 years	1	natural regeneration
<p>comnts Fmd : Planted in F, 1930 (2-0 J,R) with replant F, 1962 (3-0 R). Management will be a mix of both species; in addition, W,A,PB will be acceptable, for diversity. Mixed spp include: A,W. Leave W, but remove A and thin older RP. Areas with thicker RP regeneration. The ORV trail runs through the stand. May need to plant, if scarification fails due to lack of cones. 1998: N/A</p> <p>Wld : leave white pine, and paper birch</p>														
23	J 6	W 1	36	77	10	100	47	jack pine	high risk	Y	final harvest	within 0-9 years	1	natural regeneration
<p>comnts Fmd : Heavy budworm damage noted in 2006. Stand planted, Sp, 1931. Old charred WP stumps within. Remove J, and manage for J with R,W. Quite a bit of R (sapling stage) noted, in addition to W regeneration. Mixed spp include: W,red maple. Thin RP and remove A, RM. May need to plant, if scarification fails due to lack of cones. 1998: N/A</p> <p>Wld : leave the white pine</p>														
24	J 3	J 3	21	14	2	0	47	jack pine	immature	N		50-59 years	0	
<p>comnts Fmd : T. sale #4-88 "Stodgy Jack Pine" (unit 1) - cut fall, 1988. A few scattered RP residuals. FTP42-231: scarification completed 8/1989. Regen check 1993 = 17%. Plant Sp, 1994 w/ 2 - 0 JP (42-317). 1998: stand 13</p>														
25	R 8	W 2	19		14	50	45	red pine	unevenaged	N		10-19 years	0	
<p>comnts Fmd : T. sale #4-88, "Stodgy Jack Pine" (unit 2) - cut fall, 1988. W42-232: oak underplanting (never completed?). Old red paint still visible within stand. Various heights and sizes to regeneration (from 5' tall WP up to 4" dbh and 25' tall and 1" dbh RP, 10 foot tall to 7" dbh RP poles) - release regen next entry. Some red maple saplings within. 1998: stand 14</p>														
26	R 8	R 2	21	77	12	50	50	red pine	two aged	N		30-39 years	0	
<p>comnts Fmd : "Crosscut Jack Pine", sale#19-98 - cut summer, 2000. Scarification completed (42-438) fall,2000. Regeneration survey 5/04 = 416 t/ac mixed spp. Lots of RP regeneration esp. within old skid/haul roads. Regen is 1 - 3 feet in height. Acceptable regen = J,W,R. Blends together with adjacent stand (stand 20) - can probably combine stands next entry - they are virtually the same stands now. Planted in 1931. 1998: stand 11</p>														
27	J 3	J 3	23	14	2	0	47	jack pine	immature	N		50-59 years	0	
<p>comnts Fmd : T. sale # 06-88, "Nota Bene Jack Pine" - cut summer, 1988. FTP42-230: scarified 8/89. Planted Sp, 1994 (2 -0 JP). Regeneration is now 8 - 15 feet in height. 1998: stand 13(71)</p>														
28	J 5	R 1	4	77	9	50	47	red pine	mature	Y	final harvest	within 0-9 years	1	natural regeneration
<p>comnts Fmd : Small stand of planted J,R (1929); most of jack pine is dead/dying. Remove J and convert to R and/or W - good regeneration noted. In addition, stand was planted w/RP in 1963. 1998: stand 20</p> <p>Wld :</p>														
29	W 6	M 1	7		10	110	43	white pine	unevenaged	N		20-29 years	0	
<p>comnts Fmd : Small roadside stand; some of the WP is fairly limby. PB within. Thinned #35-68? 1998: stand 16</p>														
30	R 8	J 2	24	77	14	50	45	red pine	two aged	N		10-19 years	0	
<p>comnts Fmd : T. sale #19-98, "Crosscut Jack Pine" (unit 1) - cut summer, 2000. FTP42-438: scarification completed 8/01; regeneration survey 5/2004 = 416 t/ac. Mixed regeneration, which is acceptable. Lots of small W,R seedlings ~1 - 3 feet tall. JP is ~ 3 feet tall. Remove red pine overstory next entry. 1998: stand 17</p>														

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					D B	Tot. BA								
31	R 8	R 1	42	77	12	50	43	red pine	two aged	N		10-19 years	0	
comnts Fmd : Stand had jack pine removed summer, 1994. "Budworm Jack Pine" sale #35-91. Some sweet fern ground cover with blueberry and bracken fern. WP component present. 1998: stand 18														
32	R 5	W 2	18		11	50	45	red pine	unevenaged	N		40-49 years	0	
comnts Fmd : Sale #17-88, cut fall, 1988. Jack pine was removed and red pine/white pine were left/marked. Original stand was planted F, 1937 w/replant Sp, 1963 (3-0 RP). Thicker pockets of timber intermixed. 1998: stand 35														
33	J 2	R 2	75	5		20	47	jack pine	immature	N		60-69 years	0	
comnts Fmd : "Rusty Horseshoe" sale #21-98; cut spring, 1999. FTP42-458: scarification completed 6/99. Regeneration survey complete 5/03 = 499 t/ac. JP regen now 2 - 4 feet in height. Some thicker areas of residual pine within (up to 100 BA). Residual RP from plantings in 1930 and 1963. 1998: stand 32														
34	W 9	W 1	9		14	80	43	white pine	unevenaged	N		20-29 years	0	
comnts Fmd : "Rusty Horseshoe" sale #21-98 cut spring, 1999. 1998: stand 33														
35	W 8	W 2	7		14	40	45	white pine	unevenaged	N		10-19 years	0	
comnts Fmd : Most of JP w/in is dead/dying already. Not worth destroying advanced WP (and RP) regeneration to harvest. May be able to cut a few JP with adjacent thinning (stands 36,37,38), to provide access. Some thicker patches of WP to leave for diversity. 1998: stand 34														
36	W 9	W 1	6		14	110	45	white pine	unevenaged	N	thinning	within 0-9 years	3	
comnts Fmd : WP is fairly limby; quite a few dead tops. Paper birch could be left within stand, if it does not interfere with equipment maneuvering. 1998: stand 27 Wld : leave paper birch														
37	J 4	R 1	3	78	9	20	45	jack pine	sparse	Y	final harvest	within 0-9 years	1	natural regeneration
comnts Fmd : Small pocket of open-grown jack pine; limby. Jack pine is dead/dying; budworm damage. Some small red pine within, as well as a few RM clumps. Could be combined with adjacent stand after cut. 1998: stand 28 Wld : leave some red maple clumps														
38	R 9	W 2	93		11	70	45	red pine	unevenaged	N	shelterwood-seed	within 0-9 years	2	
comnts Fmd : Planted in 1930 w/ 2 - 0 R, J. Scattered WP throughout, prior to 30's planting. South end of stand was also replanted in 1963 (3-0 R), and stand diameters are smaller here. Heavy defoliation due to JP budworm noted. Remove J and thin R,W, where needed. Some PB and oak within stand - oak primarily at the north end. The ORV trail runs through stand, and will be protected/maintained throughout harvest. MO2 = W,J. Scarification may or may not be required for additional regeneration. 1998: stand(s) 24, 29 Wld : leave paper birch and oak														
39	W 9	W 1	17		16	90	43	white pine	old growth (potential or actual)	N	thinning	within 0-9 years	3	
<u>Treatment Limiting Factors:</u> Historical and archeological sites comnts Fmd : SCA recommendation, pending contact w/SHPO. Several old grades cross through stand, making it sort of unique. Old jack pine should be removed otherwise, and lightly thin WP to encourage better growth and regeneration. 1998: stand 38														
40	J 3	J 2	52	5		30	47	jack pine	immature	N		60-69 years	0	
comnts Fmd : T. sale #6-98, "Foundation Jack Pine" - cut April, 1999. Scarification completed 8/99 (FTP #42-428: 47.1 acres). Jack pine is now 2 - 5 feet in height. Some A3 within stand, which is acceptable for stand diversity. Residual pine and oak left also. The ORV trail runs through two separate portions of the stand. 1998: stand 37														

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					B	Tot. BA								
41	J 3	J 3	37	14	2	0	47	jack pine	immature	N		50-59 years	0	
comnts Fmd : T. sale #30-87, "Missing Porky Pine" sale; cut summer, 1988. FTP42-228 completed August, 1989. Regeneration check done in 1993 = 0 t/ac. Planted Sp, 1994 w/ 2 - 0 JP. Jack Pine is now 8 - 12 feet in height. 1998: stand 41 (73)														
42	J 6	W 1	63	68	10	110	47	jack pine	mature	Y	final harvest	within 0-9 years	1	natural regeneration
comnts Fmd : Stand was planted in 1929 and 1940 with 2 - 0 R,J. Jack pine is showing heavy budworm damage in 2006. Remove jack pine, aspen and thin red pine, where thicker patches exist. Release established WP regeneration with harvest. (Old charred WP stumps/snags visible within.) MO2 = R,W and a PB/A component is acceptable. The ORV trail runs through the stand. 1998: stand 42 (74,75)														
Wld : leave the white pine and a component of paper birch.														
43	J 1	M 1	105	4	0	30	47	jack pine	in process of regeneration	N		within 0-9 years	0	other - specify in remarks
comnts Fmd : T. sale # 5-98, "Log Cabin Blind Jack Pine" - cut May-July, 1999. Residual red and white pine left. Scarification completed 8/01 (FTP42-427). Regeneration count? Mixed regeneration of A,W,J,F, and R noted; still small R,J seedlings coming up. Continue to monitor for successful regeneration, and follow-up with add'l planting if regeneration does not meet acceptable levels. MO2= R,W, A component. 1998: stand(s) 62,65														
44	W 9	W 2	72		15	90	43	white pine	unevenaged	N		10-19 years	0	
comnts Fmd : Stand is very variable as to density - several stands blend together. Older natural WP, as well as planted R,J (in 1929 and 1940). Will all be thinned the same when treatment occurs. Some PB,A within and mixed softwood spp include: J, S. The ORV trail runs through a small portion of the stand. Quite a few WP with dead tops. 1998: stand(s) 29,30														
45	J 6	M 1	40	79	9	100	50	jack pine	high risk	Y	final harvest	within 0-9 years	1	natural regeneration
comnts Fmd : Heavy budworm damage in 2006. Leave R,W - remove spruce/fir. Planted in both 1929 and 1940 w/ 2-0 J,R. If scarification fails, due to lack of cone seed source, follow up with planting. 1998: stand 42														
Wld : leave red and white pine and paper birch if any.														
46	J 3	J 3	37	14	3	0	47	jack pine	immature	N		50-59 years	0	
comnts Fmd : T. sale #7-88, "Obsteporous Jack Pine" - cut 9/88. FTP42-227: scarification completed 1989. Regeneration survey in 1993 = 33% stocking. Planted Sp, 1994 with 2-0 JP. Jack pine is now ~ 16 feet tall. Some PB regeneration noted also, which is acceptable. 1998: stand 41														
47	W 9	M 2	26		14	80	43	white pine	unevenaged	N		20-29 years	0	
comnts Fmd : T. sale #46-91, "White Pine Thinning" - cut summer, 1992. Quite a few red maple saplings in understory; some spruce thickets, as well as WP regeneration. The ORV trail runs through the stand. 1998: stand 43														
48	W 9	W 2	66		16	90	43	white pine	unevenaged	N		20-29 years	0	
comnts Fmd : Natural WP stand, although there is a portion of the stand planted Sp, 1963 w/3-0 RP. Variable stand density and various sizes of regeneration. Old grades run through stand. Mixed spp include: PB, red maple, beech and RP pulp. The ORV trail runs through the stand. 1998: stand 36, (77)														
49	R 6	R 1	11	46	6	70	45	red pine	immature	N		20-29 years	0	
comnts Fmd : Planted Sp, 1963 with 3-0 RP. 1998: stand 39														
50	J 6	M 1	42	71	9	70	50	jack pine	high risk	Y	final harvest	within 0-9 years	1	natural regeneration
comnts Fmd : Planted Sp, 1937. Heavy budworm damage noted in 2006 - harvest jack pine, but leave RP for visual mgmt. Stand on the south side of Co Rd is fully stocked with J3 ~12 ft in height. 1998: stand 40														
Wld : leave red pine, and a few spruce.														

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					B	Tot. BA								
51	J 5	J 1	6	59	8	50	45	jack pine	high risk	Y	final harvest	within 0-9 years	1	natural regeneration
comnts Fmd : Area which failed from original planting in 1939; slowly seeding in - more open-grown stand with some R,W. Heavy budworm damage noted in 2006. Remove JP and scarify - if scarification fails, due to lack of seed source, plant. The ORV trail runs through this stand. 1998: stand 59 Wld : leave red and white pine														
52	R 6	J 1	23	70	9	70	45	red pine	two aged	N		20-29 years	0	
comnts Fmd : T. sale #20-98, "Tank Lake Section 19 Pine" (unit 3) - cut 8/2000. Jack pine removed and red pine thinned. FTP42-448: scarification completed 8/01. Regeneration survey 5/04 = 335 t/ac (mixed regen of J,W,R). Continue to monitor regeneration for success. MO2 = J,W. 1998: stand 64														
53	J 6	R 1	12	69	9	80	47	jack pine	high risk	Y	final harvest	within 0-9 years	1	natural regeneration
comnts Fmd : Planted in 1939 w/ J,R. Heavy budworm damage to jack pine noted in 2006. Remove jack pine and leave red, white pine, except in areas where there are thicker patches which need to be thinned out. MO2 = R,W 1998: stand 58 Wld : leave red and white pine, and paper birch component														
54	J 5	W 1	19	69	9	60	45	jack pine	high risk	Y	final harvest	within 0-9 years	1	natural regeneration
comnts Fmd : Planted in Sp, 1939. Frost pocket - open grown area - limby JP. Could be combined with adjacent stands after harvest. Heavy budworm damage in 2006. If scarification fails, due to lack of seed source, plant. 1998: part of stand 58 Wld : leave paper birch														
55	J 6	R 1	49	69	9	80	47	jack pine	high risk	Y	final harvest	within 0-9 years	1	natural regeneration
comnts Fmd : Planted in 1939 w/ J,R. Heavy budworm damage to jack pine noted in 2006. Remove jack pine and leave red, white pine, except in areas where there are thicker patches which need to be thinned out. The ORV trail runs through stand. MO2 = R,W 1998: stand 58 Wld : leave red and white pine and paper birch														
56	R 8	M 1	18		14	60	45	red pine	unevenaged	N		20-29 years	0	
comnts Fmd : Natural pine stand w/additional interplantings in F, 1950 (R,J) and Sp, 1965 (R). Transition edges with more JP mixed within, and also smaller RP (R2). Aspen and PB component present. 1998: stand 57														
57	R 8	M 1	3		14	60	45	red pine	unevenaged	N		20-29 years	0	
comnts Fmd : Natural pine stand w/additional interplantings in F, 1950 (R,J) and Sp, 1965 (R). Transition edges with more JP mixed within, and also smaller RP (R2). Aspen and PB component present. 1998: stand 57														
58	W 9	M 1	10		13	100	45	white pine	unevenaged	N		10-19 years	0	
comnts Fmd : 1998: stand 56														
59	R 5	R 1	2	70	8	60	45	red pine	two aged	N		20-29 years	0	
comnts Fmd : T. sale #20-98, "Tank Lake Section 19 Pine" - jack pine removed 6/2000. Stand was planted in 1932 w/ 3 - 0 R,J,W and in 1939 with R,J. MO2 = J,W 1998: stand 55														
60	X 0	X 0	2			0		other non-stocked or non-forest or non-productive	nonstocked	N		not scheduled	0	
comnts Fmd : County Road 416/433 1998: N/A														
61	R 5	R 1	27	70	8	60	45	red pine	two aged	N		20-29 years	0	
comnts Fmd : T. sale #20-98, "Tank Lake Section 19 Pine" - jack pine removed 6/2000. Stand was planted in 1932 w/ 3 - 0 R,J,W and in 1939 with R,J. MO2 = J,W 1998: stand 55														

Stand	Cover Type-Dnsty	Under Story-Stkng Level	Acrs	Age	avg. D		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B	Tot. BA								
62	W 9	M 1	27		13	100	45	white pine	unevenaged	N		10-19 years	0	
comnts Fmd : 1998: stand 56														
63	J 6	R 1	93	69	9	100	47	jack pine	high risk	Y	final harvest	within 0-9 years	1	natural regeneration
comnts Fmd : Planted in 1939 w/ J,R. Heavy budworm damage to jack pine noted in 2006. Remove jack pine and leave red, white pine, except in areas where there are thicker patches which need to be thinned out. If scarification is unsuccessful, due to lack of seed source, plant. The ORV trail runs through stand. MO2 = R,W 1998: stand 58														
Wld : leave red and white pine unless needed to harvest for maneuverability.														
64	J 5	J 2	5	59	6	50	43	jack pine	immature	Y	final harvest	within 0-9 years	2	natural regeneration
comnts Fmd : Smaller diameter stand of jack pine which is showing damage from budworm. Some underplanted RP (Sp, 1965) along edge of stand and to the south, which should be left. 1998: stand 59														
Wld : leave red pine														
65	R 4	J 1	29	4	10	30	47	jack pine	in process of regeneration	N		within 0-9 years	0	other - specify in remarks
comnts Fmd : T. sale #20-98, "Tank Lake Section 19 Pine" (unit 2), cut 7/2000. Jack pine, aspen removed and red pine thinned. FTP42-448: scarification completed 8/2001, with regeneration survey 5/04 = 335 t/ac (mixed regeneration). Continue to monitor, and follow up with planting if natural regeneration stocking levels remain low. Acceptable spp mix = A,R,W,J. 1998: stand 61														
66	R 9	R 1	14		12	80	45	red pine	unevenaged	N		20-29 years	0	
comnts Fmd : T. sale #20-98, "Tank Lake Section 19 Pine" (unit 2) - cut 7/2000. (Removed jack pine, thinned R,W.) Old grade within stand. Some areas were previously planted in 1939. Old N/S trail is thick with 1 - 2 foot height RP seedlings. 1998: stand 60														
67	J 5	J 1	7	59	8	50	45	jack pine	high risk	Y	final harvest	within 0-9 years	1	natural regeneration
comnts Fmd : Area which failed from original planting in 1939; slowly seeding in - more open-grown stand with some R,W. Heavy budworm damage noted in 2006. Remove JP and scarify - if scarification fails, due to lack of seed source, plant. 1998: stand 59														
Wld : leave red and white pine														
68	J 6	R 1	71	69	9	100	47	jack pine	high risk	Y	final harvest	within 0-9 years	1	natural regeneration
comnts Fmd : Planted in 1939 w/R,J. Heavy budworm damage to jack pine noted in 2006. Remove jack pine and leave red, white pine, except where patches are thicker and need to be thinned lightly. If scarification fails, due to lack of cone seed source, follow up with planting. MO2 = R,W. 1998: stand 58														
Wld : leave red and white pine except where need to cut for maneuverability. Leave birch														
69	R 4	M 2	20		8	30	45	red pine	unevenaged	N		50-59 years	0	
comnts Fmd : "Carry-Over Jack Pine", sale #11-99. Sale completed 06/02. FTP 42-546: completed August, 2002. This stand was originally a two-aged jack pine/red pine stand that was prescribed for a delayed-removal. RP was also underplanted in 1965. Overstory was removed and residual red and white pine were left. Regeneration survey 5/06 = 580 t/ac (mixed regen - mostly W, M). WP seedlings ~ 2' height, aspen ~ 3 - 6' height. Stand edges are thicker with residual WP. Manage for mixed pine now, with aspen for diversity. 1998: stand 45														
70	R 5	W 2	13	77	10	60	45	red pine	immature	N	shelterwood-seed	within 0-9 years	2	
comnts Fmd : Planted in F, 1931 with 2 - 0 J,R. Jack pine damaged by budworm. Remove J,A. MO2 = WP w/aspen component. 1998: stand 47														
Wld : leave white pine and spruce component														
71	W 9	W 3	26		12	90	45	white pine	unevenaged	N		10-19 years	0	
comnts Fmd : T. sale #51-66? The ORV trail runs through the stand. Diverse WP regeneration (1 - 5" dbh and 6 - 30 feet in height) established within. Thin/release next entry? Mixed hardwood includes: A, PB, beech - the beech contains beech scale. WP has weeviling. 1998: stand (s) 46,47														

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Stand	Cover Type-Dnsty	Under Story-Stkng Level	Acrs	Age	avg. D		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B	Tot. BA								
72	R 8	W 2	21		14	50	45	red pine	unevenaged	N		10-19 years	0	
comnts Fmd : T. sale #51-66 - thinning. Planting in 1931 w/ 2-0 R,J; add'l portion underplanted w/ 3-0 RP in 1965. Understory regeneration also includes R2/M1, in places. Heights average 10-28 feet. Release regen next entry? Some mature aspen clones within. 1998: stand 48														
73	R 9	M 1	24	77	13	120	45	red pine	immature	N		10-19 years	0	
comnts Fmd : Stand thinned in 1992 - t. sale #46-91. Some A,B present. 1998: stand 44														
74	W 6	W 2	11		9	80	45	white pine	unevenaged	N		10-19 years	0	
comnts Fmd : Portion of stand planted in 1931 (2-0 R,J), and also interplanting in 1965 (3-0 R). Cutting in 1966? Stand transitions into adjacent timber types. Jack pine has budworm damage. 1998: stand 51														
75	J 6	R 1	16	69	9	80	47	jack pine	high risk	Y	final harvest	within 0-9 years	1	natural regeneration
comnts Fmd : Planted in 1939 w/ J,R. Heavy budworm damage to jack pine noted in 2006. Remove jack pine and leave red, white pine, except in areas where there are thicker patches which need to be thinned out. MO2 = R,W 1998: stand 58 Wld : leave red and white pine except where need to harvest for maneuverability														
76	J 2	M 2	10	4	0	20	47	jack pine	immature	N		60-69 years	0	
comnts Fmd : T. sale #18-98, "G.M. Section 19 Pine" (unit 3) - cut 4/00. FTP42-449: scarification completed 8/01 with regeneration survey 5/04 = 505 t/ac (mixed regen). Acceptable mix of species. 1998: stand 49														
77	R 6	R 1	41		10	70	45	red pine	unevenaged	N		10-19 years	0	
comnts Fmd : W. edge of stand follows old grade. FIA plot within, W. side of N/S firelane. Patches of thicker RP poles along grade, and at south end of stand (from planting - 1931). Areas interplanted with RP (3-0) in 1965. Also planting of W,J in 1929. Occasional A,B, esp. along Co Rd 410. Hold for diversity for now. 1998: stand 50														
78	R 8	W 2	42		13	40	45	red pine	unevenaged	N		20-29 years	0	
comnts Fmd : T. sale #18-98, "G.M. Section 19 Pine" (unit 1)- cut 6/00. FTP42-449: scarification completed 8/01 with regeneration survey 5/04 = 505 t/ac (mixed regen of J,R,W). Plantings in 1929 and 1965. 1998: stand 53														
79	J 5	R 2	61	79	10	60	45	jack pine	high risk	Y	final harvest	within 0-9 years	1	natural regeneration
comnts Fmd : Stand planted in 1929 w/ 3-0 W and 2-0 J; also interplanted with 3-0 RP in 1965. Mixed commercial spp include: A,B,W. Jack pine with budworm damage. Remove J,A and thin older red pine and thicker patches within. Leave PB for wildlife. Stand could possibly be converted to R,W, if scarification fails for JP regeneration. Will be acceptable to have mixed regeneration. 1998: stand(s) 51, 52 Wld : leave white pine, nad paper birch.														
80	W 6	R 2	2		7	80	43	white pine	unevenaged	N		20-29 years	0	
comnts Fmd : Triangle-shaped stand along firelane - could have been combined w/adjacent stands; left for diversity, though. Natural pine, with plantings in 1929, 1965 also. Treat with an adjacent stand next 10-20 years. 1998: N/A														
81	R 5	R 1	4	44	6	50	43	red pine	immature	N		20-29 years	0	
comnts Fmd : Planted in 1965 (3-0 R); some natural white pine within. The ORV trail forms the stand boundary to the north, for the most part. 1998: stand 63														
82	R 6	W 1	13	80	11	100	45	red pine	immature	Y		20-29 years	0	
<u>Treatment Limiting Factors:</u> Delayed treatment for age/size class diversity														
comnts Fmd : T. sale #18-98, "G.M. Section 19 Pine" (unit 2) - thinned 5/00. Some regeneration started in understory; mostly WP ~ 1 foot tall. 1998: stand 54														

NEWBERRY FOREST MGT UNIT

Stand Level Information

Compartment: 14

Entry Year: 2008

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

S t a n d	Cover Type- Size Dnsty	Under Story- Stkng Level	A c r e s	Age	avg.			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					D B H	Tot. BA	Site Indx							
83	J 5	W 1	4	79	10	40	47	red pine	mature	Y	final harvest	within 0-9 years	1	natural regeneration

comnts Fmd : Planted 1929; RP interplanted. Jack pine dead/dying - budworm damage. Small stand which could be converted to R,W mgmt, due to surrounding cover types. 1998: stand 51 (79)

Wld :

84	X 0	X 0	4			0		other non-stocked or non-forest or non- productive	nonstocked	N		not scheduled	0	
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comnts Fmd : County Road 375 1998: N/A

Total Acres..... 2331