

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

Stand	Cover Type-Size 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	Tot. BA	Site Indx							
1	E4	L0	10		9	20	35	swamp hardwoods	low quality	N		not scheduled	0	
comnts Fmd : Low stand which borders the Two-Hearted River. Portions of stand are steep sidehills with small balsam fir, pole-sized (and some larger) red maple and paper birch, dropping into river bottomlands with tagalder, spruce and cedar. Soils are Lupton-Tawas-Carbondale. 1997: stand 51														
2	R8	F3	4		14	60	59	red pine	unevenaged	N		not scheduled	0	
comnts Fmd : Stand is a buffer area to the Two-Hearted River, which is under the Natural River Guidelines. Encompasses path to Canoe Campground, which dips into small BF patch (intermittent drainage) before rising into a knob of PB with red and white pine. Path was just a foot path originally, but appears to be ridden by ORV's now. Heavy fir understory (~5 - 8 feet tall) at knob. At the canoe campground itself, 2 picnic tables, fire pit, well, and pit outhouse still remain and are being used. Some garbage hauled out; outhouse still contains some toilet paper (kept within coffee cans left from last organized staff clean-up/maintenance day) - not in bad shape. Three large white pine, which were along the riverbank, have since fallen into the river course itself, blocking water travel and a portage is necessary now. 1997: stand 51														
3	M5	F3	19	94	10	60	57	northern hardwood	two aged	N		not scheduled	0	
comnts Fmd : Most of the paper birch is dead/dying since last inventory; aspen is dying also. Low quality red maple. Large diameter red and white pine within with heavy fir understory. ('87 inventory had the stand as an F6.) Some red maple and white pine regeneration noted also. Stand falls under Two-Hearted Nat'l River guidelines for management. MO2= F,W 1997: stand 50														
4	F4	A2	12	66	9	30	45	spruce-fir (uplands-including upland black spruce)	sparse	Y		10-19 years	0	
Treatment Limiting Factors: Inferior quality Inadequate volume due to small acreage Too steep														
comnts Fmd : Stand is open-grown, with fir/spruce seeding in, old red and white pine residual from early logging days, and pockets of aspen clones (low quality stems) scattered within. Aspen dbh is 4-7" on average. White pine regeneration present is weeviled, due to open site. White spruce sawlog-sized trees are extremely limby. Mixed softwood includes: W,R,J,BF. Access to stand is via firelane, with steep gradient - would require major road work to access timber for harvest. MO2=W. 1997: stand 48														
5	M6	M3	39		9	70	50	northern hardwood	unevenaged	N		10-19 years	0	
comnts Fmd : Stand was marked and put up for sale last entry as #03-97 "Perch Lake Hardwoods" - sale never sold. Current stand condition contains quite a bit of dead/dying beech (with beech scale); yellow birch within is wildlife quality. Red maple is fairly low quality; lots of clumps, forks, crook and stain. Good regeneration of beech in understory, as well as balsam fir. Some co-dominant white pine within. At stand edges, there is more of a paper birch/aspen component. Mixed hardwood spp include: aspen, beech, yellow and paper birch. Mixed softwoods include: white spruce, balsam fir and white pine. East end of stand would fall under the Two-Hearted Nat'l River Plan. 1997: stand 49														
6	W8	F2	21		12	60	45	white pine	unevenaged	N		10-19 years	0	
comnts Fmd : Open-grown stand from the late 1930's; larger white pine is heavily weeviled. Currently, open parts of stand contain good regeneration of W,F, and M. The north end of stand is a small R type, which was never treated when the original stand it was associated with (stand 45) was cut. A minor component of oak and red maple are present, as well as jack pine and balsam fir. When stand is treated, cut all aspen, large spruce, red maple, and thin red and white pine. MO2= F,R 1997: stand 47														
7	A3	R1	26	5	0	20	60	aspen (upland)	immature	N		50-59 years	0	
comnts Fmd : T. sale #19-97 "Ridge High Aspen", cut Nov - Dec, 1998. Red and white pine were left - also, some hemlock is present. A mix of both bigtooth and quaking aspen noted; seedlings are now 6 - 7 feet in height. Some regeneration also noted of red and white pine, maple and spruce/fir. Continue to manage for diversity of species. MO2=M,R,W 1997: stand 45														
8	N0	N0	1			0	40	marsh	nonstocked	N		not scheduled	0	
comnts Fmd : Small leatherleaf depression (intermittent wet pocket) which contains some 3' tall WP and 7 - 10' tall JP; edges contain some white and jack pine of merchantable size. 1997: N/A														

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Stand	Cover Type-Dnsty	Under Story-Stkng Level	Age	A c r e s	avg.			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					D B H	Tot. BA	Site Indx							
9	R6	N2	19	67	10	80	53	red pine	immature	N	shelterwood-seed	within 0-9 years	2	
<p>comnts Fmd : Stand runs along snowmobile trail route. There is a component of larger, older red pine within from pre-1930's logging. Some of the stand appears to have been planted, although there is no record of this. This may have occurred, though, since entire 40's to the north were planted in 1940. Several ridges to contend with. Aspen and paper birch should both be removed from the stand at this time, and also lightly thin remaining pine. This will allow some aspen and paper birch to regenerate back into the stand, while encouraging white and red pine reproduction, and maintaining stand diversity. MO2= W,A 1997: stand 39</p> <p>Wld : leve white pine and oak</p>														
10	R6	N1	13	64	10	90	45	red pine	immature	N	shelterwood-seed	within 0-9 years	3	
<p>comnts Fmd : Includes portion of S. facing slope, which transitions into W type. Moderate topography to deal with throughout - access for logging could be a challenge. There is a minor component of PB,RM,BF,S,J and BTA within. Some white pine regeneration is up to 3" dbh (south end), and looks good. MO2= W 1997: stand 46</p> <p>Wld : leave white pine except for maneuverability issues, leave paper birch and red maple</p>														
11	W9	F3	43	77	13	100	50	white pine	immature	N		10-19 years	0	
<p>comnts Fmd : Primarily a nice, tall patch of white pine ( 65-70' heights), although some red pine is present. Quite a bit of blowdown spruce, fir and aspen, which has naturally thinned the stand. Some add'l open areas, though, where there is weeviling evidence. Along uphill slope line (north boundary of stand), there is a component of oak, M and PB. Farthest west end of stand transitions into more spruce as ground gradually slopes into V/D type. The east end of the stand would fall under the Two-Hearted Nat'l River guidelines. Ground cover contains bunchberries. 1997: stand 44</p>														
12	L0	L0	7		0	0	15	lowland brush	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Low drainage (currently with standing water - beaver activity?) with some cedar, spruce and tagalder. Fairly solid gravel road base at crossing. 1997: (part of) stand 36</p>														
13	M6	M1	10		10	90	60	northern hardwood	unevenaged	N		not scheduled	0	
<p>comnts Fmd : Small hardwood stand across drainage - falls under Two-Hearted Nat'l River guidelines. Lower quality red maple with hemlock, and hemlock regeneration present, in places. Misc. spp include: beech, cedar, white pine. Stand adjoins private lands of two separate owners, and an open-ended "pipe" was found in the ground, just off trail road fork, which would be the approximate property line. The corporate lands to the west of this location have been thinned; no cutting to the east. 1997: stand 57</p>														
14	S5	S2	7	90	7	60	25	black spruce-swamp	immature	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Too wet</p> <p>comnts Fmd : Stand feeds directly into D/V type and is very wet. 1997: (part of) stand 53</p>														
15	M6	M1	9		10	90	55	northern hardwood	unevenaged	N		not scheduled	0	
<p>comnts Fmd : Small hardwood stand across drainage - falls under Two-Hearted Nat'l River guidelines. Lower quality red maple with hemlock, and hemlock regeneration present, in places. Misc. spp include: beech, cedar, white pine, aspen. Stand adjoins private corporate lands, and this would be the only access to the stand. The corporate lands have been thinned previously. 1997: stand 57</p>														
16	R6	M1	19		8	90	50	red pine	unevenaged	N		10-19 years	0	
<p>comnts Fmd : Stand encompasses a ridgeline, which is fairly steep, in places, and wraps around lower ground of stand 17. Will be a difficult stand to harvest. Some older pine within, as well as a few dead/dying paper birch, beech (with scale). Mixed regeneration of F,W,R, B, and O. Continue to manage for diverse species. 1997: stand 35/43</p>														

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Stand	Cover Type-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							
17	J6	N1	12	64	9	80	43	red pine	mature	Y	final harvest	within 0-9 years	3	natural regeneration
<p>comnts Fmd : Stand is located in a depression/frost pocket with predominately jack pine; more red and white pine occupy the stand sides/edges, though. Some larger residual red and white pine from pre-1930's present. Soils are rubicon, organic matter phase. Stand may not support change of MO to red pine, due to location. MO2=J,W. Harvest access may be somewhat difficult. Thin a small amount of red and white pine, if necessary, for maneuvering within the stand, and cut any aspen which may be present. 1997: stand 42</p> <p>Wld : leave oak if any and red and white pine except for maneuverability needs</p>														
18	B6	M2	9	76	8	80	46	paper birch	two aged	Y		10-19 years	0	
<p><u>Treatment Limiting Factors:</u> Retention of stand for regeneration purposes (ie. shelterwood) Inferior quality</p> <p>comnts Fmd : Stand contains birch clumps, and also a good quantity of smaller diameter birch and maple (2 - 4" dbh), which need to be protected. Ground cover includes balsam fir, which can be fairly thick. Mixed softwood sawlog spp include: R,W and H and pulp spp of WS, BF,R. Mixed hardwoods include: red maple and beech. Several large, dead beech trees, as well as large white pine stumps, within. Low, wet patch of ground along M/H type; measured 50.9" dbh WP (heavily furrowed, hollow and burnt at base). Delay harvest for now. MO2= R,W 1997: stand 43</p>														
19	M9	M2	21		13	80	50	northern hardwood	unevenaged	N		10-19 years	0	
<p>comnts Fmd : Stand was previously set up as "Perch Lake Hardwoods" sale # 03-97 last entry, but was never cut. Red painted sale boundary lines, and yellow marked to cut trees, are still visible, though faintly. Most of the beech and paper birch is now dead/dying ; heavy beech regeneration filling in - scale present. There are also good components of hemlock and WP throughout; would be inclined to manage the stand for these species. A couple of 40" + WP were measured. Soils are rubicon, organic matter phase. Re-evaluate in another 10 years. 1997: stand 41</p>														
20	R6	N2	18	66	10	80	45	red pine	immature	N		10-19 years	0	
<p>comnts Fmd : Stand encompasses a depression/frost pocket. West end of stand contains a fair amount of WP regeneration. Mixed hardwoods include: A,B, RM, beech. Soils are rubicon, organic matter phase. MO2=W 1997: stand 40</p>														
21	A3	M2	63	12	1	20	60	aspen (upland)	immature	N		40-49 years	0	
<p>comnts Fmd : T. sale # 13-90 "East Snow Birch" - cut as of 10/1992. Sale volume contained ~ 50% PB, 25% A, and 25% misc. hardwood. Some residual hemlock patches, and also red and white pine. Regeneration is a mix of M,A,F. Mix of both BTA and quaking - from 12 -24' in height, BF,RM, PB, beech = 10 - 20', and H= 16'. Soils are rubicon, organic matter phase. Continue to manage for these early successional species. MO2= B,F,M 1997: stand 38</p>														
22	B3	A3	15	7	1	10	50	paper birch	immature	N		50-59 years	0	
<p>comnts Fmd : TS# 11-97-01 "Birch Curve" sale - cut 8-97. Red and white pine, and hemlock were left. Regeneration is a mix of RM,PB, A and also some F,R,W. Average seedling height = 7 - 15'. Soils are rubicon, organic matter phase. The snowmobile trail runs through, and along the north boundary, of the stand. MO2= M,F 1997: stand 37</p>														
23	R6	R1	13	75	8	70	50	red pine	immature	N		10-19 years	0	
<p>comnts Fmd : Stand is along sloping ground around marsh depression. Old charred WP stump remnants within; west portion of stand is heavier to WP. MO2= W,J 1997: stand 33</p>														
24	N0	N0	2		0	0		marsh	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Marsh depression which contains leatherleaf, grass, and blueberry. 1997: stand 56</p>														
25	M5	M3	17	96	9	60	46	northern hardwood	immature	N		10-19 years	0	
<p>comnts Fmd : Stand contains a heavy beech component, which is almost all dead now due to beech scale. Very low quality - lots of twisted, large diameter stems. Most of the PB is old and dead/dying also. Would not be worthwhile to salvage, at this point. Heavy beech ground cover. Quite a bit of 1- 4" red maple saplings filling in, also. Continue to monitor the stand, and note what natural succession takes place. Mixed softwoods include: R,W,H,BF MO2= F,H,W,R The snowmobile trail bisects the stand. 1997: stand 34</p>														

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					D B H	Tot. BA	Site Indx							
26	R9	M1	44	66	13	90	50	red pine	two aged	N		10-19 years	0	
comnts Fmd : Stand contains seed tree pine from pre-1930's, and resulting stand has been established by YOO listed. Last entry, stand was set-up as T. sale # 52-97 "Red Ridge Pine", which was never sold (no red pine was marked to cut, only misc. spp's removal planned - too thick for that.) Stand contains oak, aspen, PB, WS, beech. Most of the southern boundary of stand is along a S/SW facing slope, and will make for difficult treatment. Stand blends into adjacent stands; SE tip with more spruce, W. MO2= W, J 1997: stand 35														
27	Q5	S3	18	85	7	50	28	mixed swamp conifer	immature	Y		not scheduled	0	
Treatment Limiting Factors: Too wet comnts Fmd : Wet stand feathering into surrounding V/D type. Ground cover includes: lab tea, sphagnum, iris, tagalder. Stand density is less along bog edges as water table increases. Some cedar regeneration (3 - 4" dbh). Conditions would need to be near perfect in order to harvest stand. MO2= S, C, T 1997: stand 36														
28	W9	F2	3		15	70	45	white pine	unevenaged	N		not scheduled	0	
comnts Fmd : Stand is island out in treed bog/marsh. 1997: (part of) stand 63														
29	D0	D0	226		0	0	15	treed bog	nonstocked	N		not scheduled	0	
comnts Fmd : Some spruce, tamarack and cedar. Ground cover includes: labrador tea, sphagnum. 1997: stand 53														
31	R6	M2	14	68	10	110	50	red pine	immature	N		10-19 years	0	
comnts Fmd : Planted S, 1940 with 3 - 0 R and 2 - 0 W, J. "Perch Lake Pine" sale #002-97-01 - sale never sold last entry. Old yellow and red paint still visible, in places. Misc. hardwood includes: PB, A, RM, O. Misc. softwood includes: J, WS. The snowmobile trail runs through the stand. MO2= J, W 1997: stand 32														
32	B6	M3	12	76	8	70	46	paper birch	mature	Y		10-19 years	0	
Treatment Limiting Factors: Inferior quality Too steep comnts Fmd : Stand runs along north-facing slope; fairly steep, in places. Would be difficult to log. Paper birch is primarily dead/dying and co-dominate birch is small. Some W establishing in understory. There is a component of beech, hemlock, red maple, oak, and balsam fir present. The ORV trail runs along the north stand line. MO2= M, A, F, W, J, R 1997: stand 26														
33	R6	M1	40	68	9	110	55	red pine	immature	N	shelterwood-seed	within 0-9 years	2	
comnts Fmd : Stand contains two different planting years: N1/2 of stand was planted S, 1940 with 2 - 0 J, W and 3 - 0 R; S1/2 planted F, 1949 with 2 - 0 R, J. Remove jack pine, and thin larger red pine. Some misc O, A, B, and red maple within - can be left within stand for diversity, unless BA creates problems for equipment. The ORV trail runs along a portion of the east stand boundary. MO2= J, W 1997: stand 25 Wld : leave oak, aspen, birch, maple and white pine except for maneuverability needs														
34	J3	O1	16	2	0	20	53	jack pine	immature	N		60-69 years	0	
comnts Fmd : Sale #10-97-01 "ORV Trail Jack Pine". Harvest completed 1/00. Some residual red and white pine were left, per OI instructions. FTP42-480: scarification completed 8/01 and regeneration check was completed 2004 with stocking of 1,249 t/ac. Stand boundary runs along ORV trail. MO2= R, W, O 1997: stand 27														
35	W5	M3	17		8	60	45	white pine	unevenaged	N		30-39 years	0	
comnts Fmd : Sale #002-97-01 "Perch Lake Pine", set up last entry, but never sold. Numerous large beech with scale which are dead/dying now - beyond salvage stage. Heavy M3 (2 - 3" dbh) understory, in places; also W, F. Some overmature PB within. Patches of H, W. Mixed softwood sawlogs and pulp: W, R, H. Mixed hardwoods: O, RM, beech. The snowmobile trail runs through the stand. MO2= M, H, R, J 1997: stand 28														

NEWBERRY FOREST MGT UNIT

Stand Level Information

Compartment: 26

Entry Year: 2007

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Stand	Cover Type-Dnsty	Under Story-Stkng Level	Acres	Age	avg.			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					D	Tot. BA	Site Indx							
36	R6	O1	23	65	10	100	43	red pine	immature	N	shelterwood-seed	within 0-9 years	2	
<p>comnts Fmd : Portion of the stand (W. end) planted F, 1949 w/2 - 0 R,J. Some beech within. ORV and snowmobile trail influence. Remove jack pine and thin red pine, where needed. MO2= W,M,J 1997: stand 29</p> <p>Wld : leave oak, white pine and a beech component</p>														
37	J6	R1	31	67	8	100	54	jack pine	mature	Y	final harvest	within 0-9 years	2	natural regeneration
<p>comnts Fmd : Planted S, 1940 with 2 - 0 W,J and 3 - 0 R. Stand is influenced by both ORV and snowmobile trail. Fairly steep terrain, in places. South end of stand contains more W,R - patch of scotch pine within. Cut scotch pine, and thin pine, if needed, for maneuvering. Understory contains F,M. Mixed spp include: A,W,O. MO2= R,W 1997: stand 59</p> <p>Wld : leave white pine, oak and a paper birch component. Do not cut hemlock</p>														
38	L0	L0	1			0	15	lowland brush	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Small stand, which is an extension of the adjacent treed bog type. There is a small quantity of J2/B2 present where the ground periodically dries. 1997: stand 53</p>														
39	J3	M2	68	2	0	10	54	jack pine	immature	N		60-69 years	0	
<p>comnts Fmd : Sale# 009-97-01 "Dragging Otter Jack Pine" completed 2000 (a combination of 3 different stands last entry). FTP42-478: scarification completed 8/2001 with regeneration check done 5/04. Stocking of 1,939 t/ac of mixed regen. Continue to manage for mixed species diversity. Some oak and white pine residual within the stand, and associated reproduction is present. Aspen regen is ~ 4 - 7 feet in height, while jack pine is 1 - 4'. East side of sale, along ORV trail, was left with a thicker residual of pine (50 - 70 BA). MO2= R,W,M,A,O 1997: stand(s) 15,16,18</p>														
40	J4	J1	5	57	8	20	50	jack pine	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : SCA = Site of CCC "Superior Camp" site. Ground cover of bracken, lichen, grass. Small PB clumps within as well as some older R,W. Limby jack and white pine. On the old 1939 aerial photos, building complex (at least 15 bldgs) can be seen. 1997: stand 17</p>														
41	M5	M2	5	97	7	50	46	northern hardwood	low quality	N		10-19 years	0	
<p>comnts Fmd : Small roadside stand of aspen, paper birch, maple and beech - both birch and beech are dying. Low quality and small diameters - best left for visual purposes along Co Rd. A few oak present. MO2= A,B,R,W,J 1997: stand 14</p>														
42	J3	J3	8	29	4	10	54	jack pine	immature	N		30-39 years	0	
<p>comnts Fmd : Stand was harvested in 1974 (T.sale # 8-74A) and scarified 6/75 (# 113/I-7) Possibly planted. Jack pine is now 32 - 40 feet tall and just coming into merchantability. 1997: stand 13</p>														
43	N0	N0	44		0	0	15	marsh	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Soils are Dawson-Greenwood-Loxley complex. 1997: stand 55</p>														
44	J6	M1	5	80	9	100	53	jack pine	mature	Y	final harvest	within 0-9 years	1	natural regeneration
<p>comnts Fmd : Stand was a part of stand 1 last entry and was left as a buffer (new stand = 61) when stand was harvested. Harvest stand now, but leave all paper birch and red/white pine for visual purposes. MO2= A,B,R,W 1997: stand 61</p> <p>Wld : leave paper birch and red and white pine</p>														
45	J3	A1	10	3	0	20	53	jack pine	immature	N		60-69 years	0	
<p>comnts Fmd : Stand was harvested in 1999 under sale #14-97 "407 Jack Pine" (Unit 1). FTP42-479: scarification completed 11/00, and regeneration check in 5/04 indicated stocking of 1,713 t/ac (mixed). Jack pine is ~ 1 - 2 feet in height, and aspen is ~ 7 feet. Continue to manage for mixed species. MO2= A,R,W 1997: stand 1</p>														

NEWBERRY FOREST MGT UNIT

Stand Level Information

Compartment: 26

Entry Year: 2007

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					B H	Tot. BA	Site Indx							
46	J3	I3	28	30	4	10	53	jack pine	immature	N		30-39 years	0	
comnts Fmd : Stand harvested in 1974 (#8-74A) and scarified 6/75 (# 113/I-7). Regeneration check in '77 indicated 118 t/ac. Machine planting completed F, 1977 with 2 - 0 J, and hand replant? F, '78 (C42-3) in between furrows, due to bad planting stock. Some large RP and PB clumps are along finger to Co Rd; J/scotch pine regen is now ~ 30 feet tall. 1997: stand 2														
47	J5	A3	17	38	8	50	45	jack pine	immature	N		20-29 years	0	
comnts Fmd : Sale # 2-65? Stand slopes towards marsh type. Heavier aspen regeneration on sidehill (~ 2" dbh and 24' tall). Some white pine and oak regen present in the understory. The ORV trail crosses stand at the south end.														
48	J6	M1	13	80	8	80	45	jack pine	mature	Y	final harvest	within 0-9 years	2	natural regeneration
comnts Fmd : The snowmobile trail runs along portion of stand boundary; also, the ORV trail crosses stand. East end of stand turns into more WP; edges along treed bog are heavier to spruce. Leave red and white pine, and paper birch. MO2= F,R,W 1997: stand 19														
Wld : leave red and white pine and paper birch														
49	S5	S3	3	90	6	40	15	black spruce-swamp	immature	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u>														
Inadequate volume due to low stocking/small diameter/etc.														
Too wet														
comnts Fmd : Small spruce stand connecting two bog stands, with ORV trail running through (corduroy planking bridge present). Majority of spruce is only 2 - 3" dbh. Some tamarck and white pine within. Soils are Dawson-Greenwood-Loxley complex. 1997: stand 54														
50	D0	D0	12		0	0	15	treed bog	nonstocked	N		not scheduled	0	
comnts Fmd : Soils are Dawson-Greenwood-Loxley. 1997: stand 54														
51	R9	N1	59	98	12	100	48	red pine	two aged	Y	thinning	within 0-9 years	3	
comnts Fmd : Stand has quite a bit of variability; along snowmobile trail route, stand contains more mixed red pine. Some planted pine within SESW of section 20 (S,1940). Further to the east, and intermixing with low marsh pockets, stand becomes more of a white pine type, with ridges and rolling topography. Untreated finger (of stand 52) was included here, as that portion of stand contained more white pine, with large aspen, p. birch and spruce/fir. Some sidehills to deal with here. Remove aspen, p. birch and spruce/fir with this harvest, and thin pine, if needed. Leatherleaf marsh stands were identified to show excluded acres, but no add'l red lines should be needed for sale prep. Some cedar to leave. MO2= W 1997: stand 24,63														
Wld : leave cedar, paper birch component, and white pine except for maneuverability														
52	A3	F2	34	6	0	30	60	aspen (upland)	immature	N		60-69 years	0	
comnts Fmd : Stand part of "Long Ridge Aspen" sale, #16-97-01. Cutting completed 8/98 - 9/98 (Units 2 and 3). No pine marking was done with sale harvest. Stand still contains a mixed pine overstory. Aspen regeneration is now 6 - 10 feet in height. MO2= R,W 1997: stand 30														
53	N0	N0	1			0		marsh	nonstocked	N		not scheduled	0	
comnts Fmd : Small leatherleaf marsh pocket within pine ridges. 1997: N/A														
54	N0	N0	2			0		marsh	nonstocked	N		not scheduled	0	
comnts Fmd : Small leatherleaf marsh pocket within pine ridges. 1997: N/A														
55	R8	A2	30	6	14	50	60	red pine	two aged	N		20-29 years	0	
comnts Fmd : Part of "Long Ridge Aspen Sale" #42-016-97 (unit 1), which was harvested in the summer, 1998. No pine was prescribed for cutting, so residual is quite thick, in places. Manage for both species for now; thin pine in another 10-20 years. MO2= A,W. 1997: stand 22														

\* 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		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B H	Tot. BA								
56	S3	Q3	46	100	2	0	15	black spruce-swamp	immature	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u>														
Inadequate volume due to low stocking/small diameter/etc.														
comnts Fmd : Contains S,T,C. Cotton-grass noted in ground cover, as well as sphagnum, leatherleaf, tagalder, blueberry, iris. Soils are Dawson-Greenwood-Loxley. Stand falls under Two-Hearted Nat'l River guidelines. 1997: stand 53														
57	W6	F2	32		8	70	45	white pine	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : Stand falls under the Two-Hearted Nat'l River guidelines (= HCVA). Ridge of overmature timber, with no access except through low swamp. Aspen and birch are dying, and being replaced in understory with 3-4" dbh red maple saplings, and heavy balsam fir along stand edge (40' tall). Lots of blowdown already within interior. Steep ravine cut drops down into river valley. Leave stand untreated. 1997: stand 23														
58	L0	L0	27		0	0	35	lowland brush	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : HCVA= Two-Hearted Nat'l River. Soils are Crosswell, rarely flooded and Deford, frequently flooded. M and F are present. 1997: stand 52														
59	J3	I3	44	28	4	0	53	jack pine	immature	N		30-39 years	0	
comnts Fmd : Stand was cut in 1972 (sale #14-72A?), scarification 8/73 (#91/V-3). Regen count = 325 t/ac. Planting done S,'77 (6x8) w/ 2 - 0 J, and interplant by hand F, '79 w/ 2 - 0 scotch (#42-53) by YACC crew. Trees are now ~ 25-30' tall. The snowmobile trail runs along stand boundary. 1997: stand 21														
60	J3	J3	13	13	2	0	50	jack pine	immature	N		50-59 years	0	
comnts Fmd : T. sale # 25-87-02 "Headquarters Lake" sale - cut 1987-88. Some A,B volumes cut when sale was harvested. FTP 42-217: scarification completed 10/88, and a regen count was completed 5/6/92 with 0 t/ac. FTP 42-311 written for JP planting (2 - 0 stock) - 906 t/ac were planted 5/94 and regen count done in 8/98 = 425 t/ac. Jack pine are now ~ 6 - 13' tall. Stand has filled in more since regen count. Some oak, scotch pine, PB, and A present. 1997: stand 20														
Wld :														
61	J5	J2	7	74	8	40	50	jack pine	mature	Y	final harvest	within 0-9 years	2	natural regeneration
comnts Fmd : Stand appears to have a few different age classes of J. Harvest and return to even age mgmt. A few red and white pine noted; leave when harvest. The snowmobile trail runs along the stand boundary. 1997: stand 10														
Wld : leave red and white pine and paper birch														
62	J3	J3	32	31	4	10	50	jack pine	immature	N		30-39 years	0	
comnts Fmd : T. sale # 14-72A - cut August-Oct., 1972. Scarification completed 8/73 (FTP # 91/V-3). Stand is just starting to come into merchantability. Some Oak, PB and red maple within. The ORV trail runs through the entire stand. 1997: stand 11														
63	J3	I3	13	22	3	0	50	jack pine	immature	N		30-39 years	0	
comnts Fmd : Stand does contain scotch pine as well. Trees are ~ 25-30 feet in height. 1997: stand 3														
64	I7	I3	3	90	12	30	50	jack pine	two aged	Y	final harvest	within 0-9 years	3	planting
<u>Treatment Limiting Factors:</u>														
Scenic values/visual values														
Delayed treatment for age/size class diversity														
comnts Fmd : Stand planted in 1915 with R, Scotch pine and 1916 with J,W. I3 understory is ~ 3-4" dbh. Leave stand for now?; stand across Co Rd has been harvested and is in the process of regenerating. Possibly wait until stand is established before harvesting this one. If cut, plant to jack pine. 1997: stand 4														
Wld : leave any white pine														

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Stand	Cover Type-Size 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	Tot. BA	Site Indx							
65	18	12	9	90	12	50	50	jack pine	two aged	Y	final harvest	within 0-9 years	2	planting
<p>comnts Fmd : Eliminate scotch pine and regenerate to jack pine. Stand was planted in 1915 with 2-0 R and 1-0 Scotch pine, and in 1916 with 2-0 W and 1-0 J. Understory contains J and M also. MO2= R,W 1997: stand 4</p> <p>Wld : leave any white pine</p>														
66	J6	N 1	5	73	9	90	53	jack pine	mature	Y	final harvest	within 0-9 years	1	natural regeneration
<p>comnts Fmd : Stand planted F, 1934 with 2 - 0 J,R. Some scotch pine within. Remove jack and scotch pine, and leave red pine for visual influence and natural seed source. Jack pine stand directly to the east (stand 67) is ~ 2 feet in height - should have sufficient height by the time this stand is harvested. Stand across road contains both I3 and J0. MO2= R,W. 1997: stand 62</p> <p>Wld : leve white pine and paper birch and red pine</p>														
67	J3	J3	20	3	0	10	53	jack pine	immature	N		60-69 years	0	
<p>comnts Fmd : T. sale #14-97, "407 Jack Pine" - harvested 10/99. FTP 42-479 - scarification completed 11/00 and a regeneration check 5/2004 = 1,713 t/ac. Jack pine is ~ 2 - 4 feet in height. There is also mixed regen of R,W, Scotch pine. Residual red and white pine within; white pine with flagging top. 1997: stand 5</p>														
68	J3	J3	39	27	4	0	50	jack pine	immature	N		30-39 years	0	
<p>comnts Fmd : T. sale # 13-76A, cut summer, 1976. Scarification completed 7/1977 (FTP C-145). Jack pine is now ~ 30-33 ' tall - some merchantable trees, but not many. Some residual oak and white pine present (white pine from original planting F,1916 with 2 - 0 stock?). 1997: stand 9</p>														
69	J2	M1	28	3	0	0	50	jack pine	immature	N		60-69 years	0	
<p>comnts Fmd : TS# 013-97 "High Bridge Jack Pine" - harvested 10/99. All red and white pine were left (approximately 10-20 BA). FTP 42-477 completed 11/00 and a regeneration check was completed 5/2004 = 533 t/a. Jack pine is now ~ 1 foot in height; aspen regen is ~6' tall. 1997: stand 8</p>														
70	J5	N 1	5		8	40	50	red pine	sparse	N	seed tree	within 0-9 years	3	natural regeneration
<p>comnts Fmd : Small patch of timber left when adjacent stand was harvested. Jack pine is growing mostly in patches with some smaller jack pine seeding in around and through an old, open stump field. The open area also contains sawtimber sized red pine, oak with large, spreading crowns, and paper birch clumps, most of which are dying. A very mixed bag of stuff. Regeneration noted includes: red and white pine, oak, spruce/fir. The stand falls within the Two-Hearted Nat'l Rivers guidelines for management. Cut stand only if adjacent stand is harvested - insufficient volumes to support a sale on its own. 1997: (part of) stand 8</p> <p>Wld : leave oak, red pine, and white pine</p>														
71	R8	F1	9		14	50	50	red pine	unevenaged	N		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> State law or policy (identify in comments)</p> <p>comnts Fmd : Stand falls within Two-Hearted River guidelines. Primarily red pine and oak, with some paper birch, which is dead/dying. Rustic campsite located along trail road. Steep slope to river with heavier fir in understory. 1997: (part of) stand 7</p>														
72	A6	F2	15	102	10	80	55	aspen (upland)	mature	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> State law or policy (identify in comments)</p> <p>comnts Fmd : Stand falls within the Two-Hearted Natural River plan boundary. Lots of large, overmature aspen, paper birch - dead/dying. Steep slope to river. Powerline runs through stand, as well as poor dirt trail road which accesses private land. The powerline r.o.w. has recently been thinned/treated. Ground cover noted includes: pipsissewa, blueberry, bracken fern, starflower, bunchberries. Mixed softwoods include: white spruce, balsam fir, hemlock, red and scotch pine. No management planned; allow natural succession to take place (Kotar classification: PArV). 1997: stand 7</p>														

**NEWBERRY FOREST MGT UNIT**

**Stand Level Information**

**Compartment: 26**

**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	Acres	Age	avg. D			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B	Tot. BA	Site Indx							
73	A6	F1	19	85	10	70	55	aspen (upland)	mature	Y	final harvest	within 0-9 years	2	
<p>comnts Fmd : Stand will be affected by Two-Hearted Natural River guidelines when harvest boundaries are placed. Care will need to be taken around powerline within stand also. Although MO=A, long term management would be better as red or white pine (due to proximity of river and potential beaver prbs); maintaining diversity of species within the stand will still be desirable, though, so some aspen clones should still be encouraged to regenerate. Mixed softwood includes: red and white pine, white spruce, balsam fir, and scotch pine. Leave all red and white pine, paper birch and spruce. 1997: (part of) stand 58</p> <p>Wld : leave all white and red pine, paper birch, spruce and hemlock</p>														
74	I6	N1	22	90	12	100	53	jack pine	mature	Y	final harvest	within 0-9 years	1	planting
<p>comnts Fmd : Stand planted F, 1917 with 2 - 0 scotch pine and 1 - 0 JP. Harvest all scotch and jack pine, leave red and white pine. In order to eliminate as much scotch pine regeneration from the new stand as possible, plant with jack pine. The ORV trail runs through this stand, so maintain trail integrity during harvest. 1997: stand 6</p> <p>Wld : leave birch and red and white pine</p>														
75	I6	M1	5	90	12	100	53	local use	mature	Y	selection	within 0-9 years	1	
<p>comnts Fmd : Planted F, 1917 with 2 - 0 Scotch pine and 1 - 0 JP. Stand falls along county road influence, as well as adjacent to ORV trail staging area and snowmobile trail route. Use selection cut (as was done with adjacent compartment) to minimize the visual effects of the harvest, with eventual mgmt goal of removing all scotch pine from stand - convert to either jack or red pine mgmt. Leave all red and white pine. 1997: stand 6</p> <p>Wld : leave red and white pine and birch</p>														
76	R6	M1	13	73	10	90	50	red pine	immature	N	thinning	within 0-9 years	3	
<p>comnts Fmd : Stand was planted F, 1934 with 2 - 0 R,J. Jack pine is mature and should be removed from stand. There is also a component of scotch pine, which should also be harvested. Mixed spp include: H, RM, PB. Special care will need to be taken near road influence, and also around powerline, which is present. Falls under Two-Hearted River guidelines. 1997: (part of) stand 58</p> <p>Wld : leave white pine , hemlock and paper birch</p>														
77	R8	M2	4		14	50	50	red pine	unevenaged	N		not scheduled	0	
<p>comnts Fmd : Stand encompasses High Bridge State Forest Campground and also is bounded by the Two-Hearted River, which falls under the natural rivers guidelines. No harvest recommended, although removal of a few hazard trees will need to occur from time to time. Some damage to trees noted due to campers (nails, hit with vehicles, etc.) Old original road crossing footings still present at river. 1997: N/A</p>														
430	G0	G0	2			0	45	grass	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Small grass opening which does contain R,W, a few small jack pine and aspen. MO2= J,R,W,A 1997: stand 31</p>														

**Total Acres..... 1630**