

* 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. D		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B	Tot. BA								
1	A 6	M 2	1	57	7	70	50	aspen (upland)	mature	Y	final harvest	within 0-9 years	2	
<p><u>Treatment Limiting Factors:</u> Inadequate volume due to small acreage</p> <p>comnts Fmd : Small stand between road and private property. Aspen is overmature and should be harvested, though acreage is too small to be marketable - may be possible to include with hardwood thinning to the south (stand 9), though. Re-evaluate when hardwoods are marked. Mixed hardwoods include: sugar maple, cherry, elm and ironwood. Retain cherry, elm and ironwood. 1999: (part of) stands 1,6</p> <p>Wld : leave cherry, elm and ironwood</p>														
3	A 3	M 2	73	16	2	0	55	aspen (upland)	immature	N		40-49 years	0	
<p>comnts Fmd : T. sale #001-90, "Eagles Aspen", cut summer, 1990. Some grass/brush areas within. Bracken fern, grass, strawberry ground cover. Some larger aspen along north end of stand. 1999: stand 6</p>														
5	R 6	M 2	110	51	11	120	60	red pine	immature	N		10-19 years	0	
<p>comnts Fmd : "Sunshine Pine", sale #009-99-1. Sale thinned fall, 2001. Original planting of 3-0 RP fall, 1953 with survival of ~ 250-400 t/ac; replant in fall, 1959 w/ 3-0 RP. FTP42-141: pruning done by WORC crew. Quite a few forked tops and limby boles. Thin to ~ 90 BA next decade. Soils are Kalkaska and Kalkaska (burned). 1999: stand 7</p>														
6	A 3	A 3	12	5	0	0	55	aspen (upland)	immature	N		60-69 years	0	
<p>comnts Fmd : "Sunshine Pine" sale #009-99-1. Stand cut fall, 2001. Some maple and WP within. 1999: stand 8</p>														
7	A 2	M 2	8		0	30	55	aspen (upland)	unevenaged	N		60-69 years	0	
<p>comnts Fmd : "Sunshine Pine" sale #009-99-01. Stand cut fall, 2001. Some large beech were retained along the south edge, as well as all white pine and hemlock. 1999: stand 9</p>														
8	R 6	M 2	17	51	11	140	53	red pine	immature	N		10-19 years	0	
<p>comnts Fmd : "Sunshine Pine" sale #009-99-01. Stand cut fall, 2001. Original stand planted fall, 1953 with 3-0 RP; survival of 400 t/ac. Replant in fall, 1959 with 3-0 RP. Some forked and dead tops; fairly limby boles. Soils are Kalkaska (burned). 1999: stand 10</p>														
9	M 9	M 2	85		12	120	60	northern hardwood	unevenaged	Y	selection	within 0-9 years	2	
<p>comnts Fmd : Variable stand of hardwoods; south end contains more pole timber w/softwood interspersed along edges. Quite a bit of forked sugar maple stems. Red maple, aspen and beech within - beech with scale. Remove any aspen from stand - overmature. Non-commercial thinning (FTP 297/46) completed in the spring, 1978: WORC crews thinned and left free firewood for residents. 1999: stand 11</p> <p>Wld : leave large white pine and all conifers less than or equal to 4 inches. Cherry is in low volume, leave a component of it in various age classes.</p>														
10	U 1	U 1	148		0	0	35	upland brush	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Prescribed burn to increase native plants and maintain opening. FTP W42-517 (Burn I.D. # 18-00) completed 4/24/2003 - 130 acres burned. Bracken fern, lichen ground cover. Occasional aspen clones, cherry. Soils are Kalkaska, burned. 1999: stand 12</p>														
11	R 6	M 1	85	58	10	190	58	red pine	immature	Y	thinning	within 0-9 years	1	
<p>comnts Fmd : Stand was originally planted in the spring, 1951 with alternate rows of red and jack pine (2-0 stock of each). Site was furrowed, and planting spacing was 7.5 x 7.5. Stand has never been thinned; alternate MO could be for JP. Some aspen and cherry present; aspen should be harvested. Soils are Kalkaska (burned). 1999: stand 14</p> <p>Wld : leave cherry and red maple</p>														
12	R 6	M 1	69	58	9	180	58	red pine	immature	Y	thinning	within 0-9 years	1	
<p>comnts Fmd : Stand was originally planted in the spring, 1951 with alternate rows of red and jack pine (2-0 stock of each). Site was furrowed, and planting spacing was 7.5 x 7.5 feet. Manual pruning of red pine (at 8-10 feet above ground) was completed (FTP42-47). Stand has never been thinned; alternate MO could be for JP. Both the snowmobile and ORV trail(s) run through the stand. Soils are Kalkaska (burned). 1999: stand 14</p> <p>Wld : leave maple and cherry understory and beech/birch if any is merchantable.</p>														

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					B	Tot. BA								
13	A 4	A 2	3	48	6	20	40	aspen (upland)	low quality	Y	final harvest	within 0-9 years	3	
<p><u>Treatment Limiting Factors:</u> Other special wildlife habitat consideration (desc. In comments)</p> <p>comnts Fmd : Local garbage dumping spot. Soils are Kalkaska, burned. Could possibly treat with adjacent stand but, may be better left as a retention stand. 1999: N/A</p> <p>Wld :</p>														
14	A 5	A 2	8	48	8	40	40	aspen (upland)	low quality	Y	final harvest	within 0-9 years	3	
<p><u>Treatment Limiting Factors:</u> Inadequate volume due to low stocking/small diameter/etc.</p> <p>comnts Fmd : Soils are Kalkaska, burned. Could possibly treat with adjacent stand (17), but will depend on quantity of aspen to harvest there. 1999: (part of) stand 12</p> <p>Wld : LEAVE CONIFERS AND SOME CHERRY. Can take some fir.</p>														
15	V 0	V 0	4		0	0	45	bog or muskeg	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Fringed with aspen. 1999: stand 13</p>														
16	R 6	M 1	27	58	10	220	53	red pine	immature	Y	thinning	within 0-9 years	2	
<p>comnts Fmd : Mixed rows of R,J planted Sp, 1951 with 2-0 R,J. (Row width of 5 x 7.5). Planting record notes: "F, 1956 - very severe "needle droop" injury on RP, none on JP. 1958 - Many RP recovering from "needle droop" by sprouting forth new branches close to stem. August, 1959 - perhaps 15-20% JP attacked by WP weevil." The ORV trail runs through this stand; maintain trail integrity. Soils are Kalkaska, burned. MO2 = J. 1999: stand 17</p> <p>Wld : leave cherry and other hardwood for diversity</p>														
17	J 6	M 1	42	44	8	100	55	jack pine	high risk	N	final harvest	within 0-9 years	1	natural regeneration
<p>comnts Fmd : Stand originally planted F, 1951 with 2-0 RP and 3-0 JP (7.5 x 7.5 spacing). E. side of road replanted F, 1952 with 2-1 RP (Notes: "15-20% survival of JP - branchy, with 80% survival of RP.") W. side of road replanted F, 1953 with 3-0 RP (N/S direction). Check in Sp, 1961 noted, " Severe frost damage and needle droop on 3 RP plantings; 5-10% survival on original JP planting - plant 2-0 JP." October, 1965, stand was hand planted w/2-0 JP (6 x 6 spacing); W. side of road planted w/ Wyman stock, E. side w/ Lower Peninsula stock. Trees were dipped in an Aldrin mixture. Small aspen area w/in center of stand was avoided when planted - remove mature aspen now, with harvest. Currently, stand has suffered some fairly severe windstorm damage (blowdown, snapped off tops) and should be harvested at this time. If natural regeneration is unsuccessful, replant back to JP. The ORV trail runs through the stand; maintain trail integrity. 1999: stand 16.</p> <p>Wld : leave cherry and other hardwood for diversity. Leave a few mature aspen.</p>														
18	R 6	M 1	118	58	9	190	50	red pine	immature	Y	thinning	within 0-9 years	2	
<p><u>Treatment Limiting Factors:</u> Delayed treatment for age/size class diversity</p> <p>comnts Fmd : Planted F, 1951 w/ 2-0 RP; furrowed and "dibble" (hand) planted. (6 x 6 spacing.) Plantation was pruned (FTP42-187?, 42-017?, 42-030?). Stand contains variable densities; some aspen clones within to harvest. Soils are Kalkaska, burned. Stand harvest could be delayed for diversity, due to surrounding proposed treatments and adjacent compartment harvests. 1999: stand 15</p> <p>Wld : leave white pine unless for maneuverability and some hardwoods for diversity</p>														
19	R 5	A 2	7		6	40	45	red pine	immature	N		20-29 years	0	
<p>comnts Fmd : Part of both t. sale #36-78A and #15-81(cut with adjacent C. 122, stand 82). Areas with thicker aspen regen; frost pocket jack pine. Continue to manage for mixed diversity of J,A, and R. Soils are Kalkaska, burned. 1999: stand 23</p>														
20	A 5	A 2	7	48	9	40	40	aspen (upland)	low quality	Y	final harvest	within 0-9 years	3	
<p>comnts Fmd : Junk aspen clones within opening/U-type. The ORV trail runs through the stand. Possibly treat with adjacent stands, otherwise volume is insufficient for sale. Soils are Kalkaska, burned. 1999 : stand(s) 21,24</p> <p>Wld : leave conifer unless needed for maneuverability and some cherry</p>														

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					B	Tot. BA								
21	U 0	U 0	9		0	0	35	upland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Some scattered trees within. Soils are Kalkaska, burned. 1999: stand 24														
22	A 2	A 2	9	48	3	0	40	aspen (upland)	low quality	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u> Inadequate volume due to low stocking/small diameter/etc.														
comnts Fmd : Low-quality aspen clones scattered within U-type. Soils are Spot/Finch. 1999: stand 21														
23	S 6	S 1	33	86	8	80	40	black spruce-swamp	mature	Y	final harvest	within 0-9 years	2	
comnts Fmd : Stand transitions from upland to treed bog. Ground cover noted=sphagnum. Quite a bit of blowdown present. Harvesting will be difficult due to soils. Spruce galls on ~ 50% of trees. Some aspen along upland edges. Stand continues into adjacent compartment (C. 125 stand 51 w/ TMP=2). Soils are Croswell/Spot (no code). 1999: stand 19														
Wld : leave something in here to maintain what diversity there is within the stand.														
24	S 5	S 2	7	86	7	60	40	black spruce-swamp	immature	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u> Too wet														
comnts Fmd : Stand is completely surrounded by treed bog, with pockets of low ground within stand, also. May not be accessible for harvest. Ground cover noted=sphagnum. Soils are Croswell/Spot (no code). 1999: stand 19														
25	S 5	S 2	3	86	7	60	40	black spruce-swamp	immature	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u> Too wet														
comnts Fmd : Stand is completely surrounded by treed bog, with pockets of low ground within stand, also. May not be accessible for harvest. Ground cover noted=sphagnum. Soils are Croswell/Spot (no code). 1999: stand 19														
26	D 0	D 0	68		0	0	15	treed bog	nonstocked	N		not scheduled	0	
comnts Fmd : Old shingle mill pond location @ W. end of stand. Contains tamarack and spruce. Soils are Greenwood/Loxley/Dawson. 1999: stand 20														
27	S 6	S 2	45	86	7	70	40	black spruce-swamp	immature	Y		10-19 years	0	
<u>Treatment Limiting Factors:</u> Inadequate volume due to low stocking/small diameter/etc.														
comnts Fmd : Stand transitions from upland to treed bog. Ground cover noted=sphagnum. Lots of smaller spruce mixed within, and low pockets. Upland finger with jack pine (60-70 BA, 1-2 stick heights) primarily. Stand continues into adjacent compartment (C. 125 stand 51 w/ TMP=2). Soils are Croswell/Spot (no code). 1999: stand 19														
28	A 2	U 1	23		3	20	40	aspen (upland)	sparse	N		not scheduled	0	
comnts Fmd : Former U-type which is slowly filling in w/scattered aspen (low quality), J and S/F. Treat only if wildlife division desires maintenance. 1999: stand 27														
29	A 6	M 1	13	44	7	80	50	aspen (upland)	two aged	N	final harvest	within 0-9 years	2	
comnts Fmd : This stand was set up and sold last entry as "Pullup Lake Aspen", #007-00-2, but producer never cut it. Aspen is scattered in clumps along ridge w/some white pine, red maple noted. Aspen TSI (FTP #30) completed sometime in the 60's following harvest (#80-63, #55-64), but neither harvest nor TSI were entirely complete, as there are older, larger diameter aspen clones within. 1999: stand 25														
Wld : leave white pine and cherry														
30	A 4	A 2	32	39	8	30	47	aspen (upland)	two aged	N		10-19 years	0	
comnts Fmd : Stand contains clones of merchantable aspen scattered over younger aspen and white pine regeneration. Mixed softwood spp include: J,F,W,R. Soils are Kalkaska, burned. 1999: stand 26														
31	A 5	A 2	2	44	7	60	50	aspen (upland)	two aged	N	final harvest	within 0-9 years	2	
comnts Fmd : Small knob of aspen clones scheduled last entry, but never harvested. Soils are Kalkaska, burned. 1999: stand 25														

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					B	Tot. BA								
32	A 5	W 3	8	49	9	40	35	white pine	two aged	Y		20-29 years	0	
<p><u>Treatment Limiting Factors:</u> Retention of stand for regeneration purposes (ie. shelterwood)</p> <p>comnts Fmd : Stand is an old opening which was interplanted 10/1960 with both 2-2 and 2-0 WP; regeneration check in 1968 stated: "312 WP/ac, 1 - 2' tall w/aspen sprouts 2 - 15' tall and also overstory aspen present." Aspen is overtopping WP now, which is only 25 - 30' tall and just coming into merchantability. If aspen were to be harvested, a lot of WP would be damaged in order to access aspen. Wait and re-evaluate for harvest in another 10-20 years. Soils are Kalkaska, burned. 1999: stand 45</p>														
33	A 3	A 3	6	14	2	0	55	aspen (upland)	immature	N		40-49 years	0	
<p>comnts Fmd : Part of "Pullup Lake - North Gate" sale #33-89; Unit 1 harvested 8/92. Soils are Kalkaska, burned. 1999: stand 34</p>														
34	R 5	A 2	26	50	8	60	43	red pine	immature	N		20-29 years	0	
<p>comnts Fmd : Old opening which was planted in 10/1960 w/ 3-0 RP at 7.5' x 5.75' spacing. Regeneration check completed in 1968 = 210 RP/ac, 1 - 2' tall. Much of the planting has failed. Medium stocked understory of WP (6-10' hts) and aspen. Ground cover noted: bracken fern, grass, lichen, moss. Soils are Kalkaska, burned. 1999: stand 44</p>														
35	A 3	A 3	12	14	2	0	55	aspen (upland)	immature	N		40-49 years	0	
<p>comnts Fmd : Part of "Pullup Lake - North Gate" sale #33-89; Unit 1 harvested 8/92. Soils are Kalkaska, burned. Some cherry, F within understory. Aspen is ~ 24' tall. 1999: stand 34</p>														
36	A 4	A 1	45		5	10	35	aspen (upland)	sparse	N		not scheduled	0	
<p>comnts Fmd : Old opening slowly filling in with A,W,J. Scrub aspen with hypoxylon. NENW planted 10/15/60 with 3-0 RP stock (7.5' x 5.75' spacing). Regeneration check completed in 1968 = 150 RP/ac (1-2' tall) - "RP is in poor shape (frost damage, grubs, schleroderis)". Only occasional RP now. Other sub-merchantable species within also. Soils are Kalkaska, burned. 1999: stand 33,36</p>														
37	W 5	W 3	6	49	5	60	35	white pine	immature	N		20-29 years	0	
<p>comnts Fmd : Area was interplanted with 2-2 and 2-0 WP stock on 10/15/60; regeneration check in 1968 = 96 WP/ac ~ 1-2' tall. Comment included stated: "WP appears to be stagnant - good aspen overstory." Inventory from 1999 adds: "WP weeviled and poor form." Overstory aspen could be removed, but would cause damage to understory WP, which is now self-pruning itself in these higher density areas. Allow WP to develop for now, and check again in 10-20 years. Soils are Kalkaska, burned. 1999: stand 45</p>														
38	J 5	J 2	9	67	8	60	40	jack pine	low quality	Y	final harvest	within 0-9 years	3	natural regeneration
<p>comnts Fmd : Jack pine seeding in slowly, expanding stand size. Some aspen, with add'l ground cover of bracken, lichen and moss. Soils are Kalkaska, burned. 1999: N/A (part of stand 44)</p> <p>Wld : leave red pine unless needed for maneuverability</p>														
39	R 4	A 2	8	50	10	30	40	red pine	sparse	N		20-29 years	0	
<p>comnts Fmd : Very variable stand; planted F,1960 w/ 3 - 0 RP, a lot of which has failed. Stand could be typed out as a J4A2 or R5A2 or A5 with R2W1 understory, depending on plot locations. Soils are Kalkaska, burned. If RP does not show any significant growth within the next 10-20 years, harvest and re-evaluate management options. 1999: stand 44</p>														
40	R 6	M 1	16	50	8	140	45	red pine	immature	N	thinning	within 0-9 years	2	
<p>comnts Fmd : 3 - 0 RP planted F, 1960 @ 7.5 x 5.75 spacing. (Entire planting completed by Sp, 1963; a light white grub population was noted.) Regeneration check in 1968 = 190 t/ac, 1-2' tall. Soils are Kalkaska, burned. Variable rows - mark as third row thinning, where possible. 1999: stand 30</p> <p>Wld : leave any hardwood species present except for aspen</p>														

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					B	Tot. BA								
41	A 6	W 2	8	57	9	90	46	white pine	mature	Y	delayed removal	within 0-9 years	2	
<p>comnts Fmd : Aspen overtopping WP, which was planted F, 1960 with 2-0 stock. A lot of the aspen has been breaking apart and contains hypoxolon. Planted WP is ~ 3 - 6" dbh and heavily weeviled. Soils are Kalkaska, burned. Remove aspen, and protect as much of the WP regeneration as possible. Continue to manage for WP, with aspen as secondary objective. 1999: stand 31</p> <p>Wld : leave a few large white pine if present and maintain a conifer component</p>														
42	R 6	W 1	3	50	8	140	45	red pine	immature	N	thinning	within 0-9 years	2	
<p>comnts Fmd : 3 - 0 RP planted F, 1960 @ 7.5 x 5.75 spacing. (Entire planting completed by Sp, 1963; a light white grub population was noted.) Regeneration check in 1968 = 190 t/ac, 1-2' tall. Soils are Kalkaska, burned. Variable rows - mark as third row thinning, where possible. 1999: stand 30</p> <p>Wld : retain cherry and maple if present</p>														
43	R 6	X 0	2	50	8	210	45	red pine	immature	Y	thinning	within 0-9 years	2	
<p>comnts Fmd : 3 - 0 RP planted F, 1960 @ 7.5 x 5.75 spacing. (Entire planting completed by Sp, 1963; a light white grub population was noted.) Regeneration check in 1968 = 190 t/ac, 1-2' tall. Soils are Kalkaska, burned. Rows are fairly easy to follow - mark as third row thinning, where possible. Bunchberry ground cover present. WP is heavily weeviled, where present. 1999: stand 30</p> <p>Wld : retain cherry and maple if present</p>														
44	W 6	W 3	24	49	6	80	40	white pine	immature	N		10-19 years	0	
<p>comnts Fmd : WP planted F, 1960 (2-0 stock); regeneration check in 1968 = 400 WP/ac (6" - 12" tall). Light white grub population noted in 1963. Weevil damage to WP. Add'l ground cover noted = club moss, bunchberry. Soils are Kalkaska, burned. Removing aspen would cause too much residual damage to developing WP, so retain for now. 1999: stand 29</p>														
45	A 6	W 2	28	57	10	70	50	aspen (upland)	mature	Y	final harvest	within 0-9 years	1	
<p>comnts Fmd : Aspen is dying/breaking up. Some nice clones of bigtooth within. Rolling terrain, with a variety of conifers present (R,BF,S,W,J). WP was interplanted Sp, 1963 (3-0 stock) within section 31, and is now 3-4" dbh. Mixed hardwoods noted: red maple, cherry - both could be left in the stand for diversity. Management of both aspen and white pine is acceptable. 1999: stand 28</p> <p>Wld : leave cherry and maple. Also leave conifers 4 inches and less and a few larger diameter conifer.</p>														
46	V 0	V 0	1		0	0	45	bog or muskeg	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Fringed with spruce/fir/WP. 1999: N/A</p>														
47	M 6	M 2	21		9	80	55	northern hardwood	unevenaged	N		20-29 years	0	
<p>comnts Fmd : "Pullup Lake Hardwood" #006-99-01 (Unit 3). Thinned Su, 2002. Some princess pine ground cover noted. 1999: stand 39</p>														
48	W 8	A 2	10		14	60	50	white pine	unevenaged	N		10-19 years	0	
<p>comnts Fmd : Aspen removed in the 1960's; WP is weeviled. Ground cover noted includes: club moss, wintergreen. 1999: stand 37</p>														
49	A 4	A 3	16	6	5	30	47	aspen (upland)	two aged	N		50-59 years	0	
<p>comnts Fmd : "Pullup Lake Aspen" sale # 42-007-00-2 (Unit 2). Pockets of larger aspen, which were submerchantable when sale was harvested, were left. Some jack, red and white pine left also. Aspen regeneration is ~ 1" dbh and 8-10' height. 1999: stand 32</p>														
50	A 6	F 2	35		9	90	50	aspen (upland)	unevenaged	N	final harvest	within 0-9 years	1	
<p>comnts Fmd : Aspen was harvested in the 60's; residual white pine, hemlock left within. Some red and sugar maple, and cherry within. Leave cherry, white pine, hemlock. 1999: stand 37, 36</p> <p>Wld : leave cherry, white pine, and hemlock</p>														

NEWBERRY FOREST MGT UNIT

Stand Level Information

Compartment: 124 Entry Year: 2009

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					B	Tot. BA								
51	M 6	M 2	6		8	100	55	northern hardwood	unevenaged	N		10-19 years	0	
comnts Fmd : Aspen was removed from the stand in the 1980's. Some WP, cherry and yellow birch within, primarily on stand edges. 1999: stand 38														
52	M 6	F 1	12		7	80	50	northern hardwood	unevenaged	N		10-19 years	0	
comnts Fmd : More aspen and softwood within versus adjacent M stand. Mixed softwood includes: H,W,F,S. Remove aspen next entry. 1999: (part of) stand 40														
53	A 3	F 1	28	16	3	0	55	aspen (upland)	immature	N		40-49 years	0	
comnts Fmd : Part of "Pullup Lake - North Gate" sale #33-89; Unit 2 harvested 11/90. Some cherry, F, W within understory. Aspen is ~ 28' tall. 1999: stand 34														
54	M 6	M 1	108		10	90	60	northern hardwood	unevenaged	N		20-29 years	0	
comnts Fmd : Stand harvested as "Pullup Lake Hardwoods" (006-99-01 - units 1 and 2). Thinned fall, 2002. Beech scale within. Understory heavy to raspberry currently. Mixed spp include: beech, YB, H. 1999: stand 46														
55	A 3	U 2	24	14	3	0	50	aspen (upland)	immature	N		50-59 years	0	
comnts Fmd : Unit 4 of timber sale #33-89 - cut 7/92. Heavy cherry brush (w/black knot) in frost pocket "bowl" within stand center - upper edges are ringed with aspen. 1999: stand 47														
56	M 6	M 2	6		8	80	50	northern hardwood	unevenaged	N		10-19 years	0	
comnts Fmd : 1999: stand 48														
57	M 6	M 2	19		9	120	60	northern hardwood	unevenaged	Y	thinning	within 0-9 years	2	
comnts Fmd : Rolling terrain; some H,W within. Beech scale present. 1999: stand 42														
Wld : leave hemlock and white pine and other small conifers. Leave yellow birch and cherry component.														
58	A 6	F 3	11	49	10	80	57	aspen (upland)	mature	Y	final harvest	within 0-9 years	2	
comnts Fmd : Stand transitions from W to A/B; WP is weeviled. Blowdown aspen/fir within. Heavy fir understory starting (<5' height). Mixed softwood includes: F,H,WS,R. Mixed hardwood includes: YB, beech. Leave WP, RP, H, YB, and mast beech when harvest. MO2=W,B 1999: N/A														
Wld : leave white and red pine, hemlock and yellow birch and large beech.														
59	A 3	A 3	9	14	2	0	55	aspen (upland)	immature	N		40-49 years	0	
comnts Fmd : Part of "Pullup Lake - North Gate" sale #33-89; Unit 4 harvested 7/92. Aspen is ~ 20' tall. 1999: stand 34														
60	A 5	A 3	6	34	6	50	55	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : T. sale #28-72? (cut Sp, 1973). 1999: stand 35														
61	A 5	A 3	2	34	6	50	55	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : T. sale #28-72? (cut Sp, 1973). 1999: stand 35														
62	M 6	F 2	44		9	120	60	northern hardwood	unevenaged	Y	thinning	within 0-9 years	2	
comnts Fmd : Rolling terrain; some H,W within. Beech scale present. 1999: stand 42														
Wld : leave small diameter conifer and hemlock and white pine. Leave some huge, wolfy aspen, s. maple and yellow birch and some cherry of varying age classes.														

* 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
63	A 3	A 3	20	16	3	0	55	aspen (upland)	immature	N		40-49 years	0	
comnts Fmd : Part of "Pullup Lake - North Gate" sale #33-89; Unit 3 harvested 11/90. Some cherry, F within understory. Aspen is ~ 16 - 30' tall. 1999: stand 34														
64	W 6	M 2	19		10	100	50	white pine	unevenaged	N		10-19 years	0	
comnts Fmd : Almost all WP have poor form and low quality (weeviled). Aspen was removed in the 60's - thick regen, in places. Some H pockets w/ small maple, aspen - scattered BF and RP. Manage for both A and W, slowly removing weeviled pine. 1999: stand 40														
65	A 6	F 3	13	41	10	80	62	aspen (upland)	immature	N		10-19 years	0	
comnts Fmd : Rolling terrain; aspen in clones - more maple present, in places. Mixed softwood includes: BF, H,W. Mixed hardwood includes: YB, PB, beech. Heavier conifer component along Pullup Lakes Road. Possibly treat with adjacent compartment (C. 125 stand 57). 1999: stand 41														
66	A 3	A 3	13	16	2	0	55	aspen (upland)	immature	N		40-49 years	0	
comnts Fmd : Part of "Pullup Lake - North Gate" sale #33-89; Unit 3 harvested 11/90. Aspen is ~ 24' tall. Soils are Springlake (no code). 1999: stand 34														
67	A 6	F 1	6	40	9	70	50	aspen (upland)	low quality	N	final harvest	within 0-9 years	3	
comnts Fmd : Junk aspen along PVT line (twisted, defects - part of old opening), with healthier clones along east boundary. Some WS, WP within, which should be left when stand is harvested. 1999: stand 35/43 Wld : leave white spruce and white pine.														
68	A 5	A 3	2	33	6	50	58	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : Cut in 1973 (#28-72). Some M,W, F regeneration. 1999: stand 35														
69	A 6	F 1	9		10	70	50	aspen (upland)	unevenaged	Y	final harvest	within 0-9 years	3	
comnts Fmd : Rolling terrain - mixed-age aspen with conifers throughout. Portions of stand were old openings at one time. Planted patch of RP (~1-2 acs at most) in SE tip of stand (along PVT - ~140 BA). Will need to be thinned when stand is set-up. Cuttings occurred in the 60's and 70's. Leave WS, WP when stand is harvested. 1999: stand 43 Wld : leave white spruce and white pine after harvest and some hardwood (beech, maple and cherry)														
402	G 0	G 0	4		0	0	55	grass	nonstocked	N		not scheduled	0	
comnts Fmd : Opening slowly filling in with cherry, aspen clones, some white pine. Spotted knapweed along roadway. Strawberry, bracken fern, grass ground cover. Soils are Kalkaska (burned). 1999: stand 1														
404	G 0	G 0	10		0	0	55	grass	nonstocked	N		not scheduled	0	
comnts Fmd : Opening slowly filling in with aspen clones, cherry. Soils are Kalkaska (burned). 1999: stand 2														

Total Acres..... 1723