

* 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	Acrs	Age	avg.		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					D	Tot. BA								
1	M 6	M 1	9	52	7	70	46	northern hardwood	immature	N		40-49 years	0	
<p>comnts Fmd : Mixed hardwood among cedar. Poor quality r.maple, small component of b. cherry along with scattered w. spruce in the stand. Overall 5-10" dbhs - pulpwood quality maple only, short, 2-3 stick merchantable heights. Pockets of good r. maple saplings, 4-10' tall. Stand is extremely isolated amongst an extensive cedar swamp and has no feasible access. Soil: Carbondale, Lupton, Tawas mucks</p>														
2	C 6	Q 2	81	56	6	140	26	cedar	immature	N		not scheduled	0	
<p>comnts Fmd : Cedar poletimber/sapling stand - 2-6"dbhs, 1 stk merch heights. Associated w.birch and areas of balsam fir poletimber/saplings. Extremely wet-spring areas. Soil: Carbondale,Lupton, Tawas mucks</p>														
3	C 6	C 2	98	65	8	160	33	cedar	low quality	N		not scheduled	0	
<p>comnts Fmd : Cedar poletimber/sapling stand with associated w.birch poletimber (3-8" dbhs) Cedar seedlings present 1-3' heights. Good cedar sapling growth 2-8'tall. Wet lying areas/holes throughout stand. Soils:Carbondale, Lupton, Tawas mucks</p>														
4	A 4	M 1	59	22	5	40	60	aspen (upland)	immature	N		30-39 years	0	
<p>comnts Fmd : Aspen 3-7"dbhs with balsam fir and r. maple sapling component. Low ground throughout stand that will cause operating limitations during wet periods in future treatments. The N. end of the stand is slightly on higher ground however.</p>														
5	F 6	F 3	7	30	7	70	55	spruce-fir (uplands-including upland black spruce)	two aged	N		not scheduled	0	
<p>comnts Fmd : Balsam, spruce poletimber 3-8"dbh, 2-4 stk merch heights. Associated very low quality r.maple along with scattered aspen poletimber. Pockets of naturally regenerating aspen saplings from seed. Moderately thick advanced balsam understory. Retain as a buffer to the adjacent drainage and swamp and as a travel corridor.</p>														
6	L 0	L 0	10		0	0		lowland brush	nonstocked	N		not scheduled	0	
<p>comnts Fmd : tag alder thickets adjacent to creek/beaver flowages. Soils: Histisols, Aquentis - ponded</p>														
7	Z 0	Z 0	1			0		water	nonstocked	N		not scheduled	0	
<p>comnts Fmd : active beaver pond. Creek flowing into and out of area</p>														
8	M 6	F 2	27		10	100	60	northern hardwood	unevenaged	N		20-29 years	0	
<p>comnts Fmd : Low to fair quality hardwood poletimber. Mainly r.maple, areas of better formed h.maple at tops of hills. Rolling, short, steep hills throughout stand. Pockets of aspen poletimber in bottoms of hills and wetter ground. Scattered windthrow of balsam fir along S. edge of the stand adjacent to the open swamp. Soils :Liminga - Alcona complex</p>														
9	Z 0	Z 0	3			0		water	nonstocked	N		not scheduled	0	
<p>comnts Fmd : old beaver pond</p>														
10	M 6	M 2	30		9	140	60	northern hardwood	unevenaged	Y	thinning	within 0-9 years	3	
<p><u>Treatment Limiting Factors:</u> Adjacent landowner denies access</p>														
<p>comnts Fmd : Fair to good form h.maple - good heights, straight boles. First limbs at 30-40', 4-12" dbh, 3-6 merch sticks. Very few trees in any sawtimber diam class. Large diameter aspen are present, scattered throughout - retain for wildlife snags . Balsam sapling component. Short, fairly steep valleys run N-S, N part of stand slopes to creek/lowland swamp to the N. S. part of stand is much lower quality - heavy to beech with component of r.maple. Thin to 80 ba/ac., concentrating on the mid range poletimber size classes in order to move trees into sawtimber classes. Retain a beech and yellow birch component. Retain a conifer component. Maintain a buffer to the low ground/water courses at the N. end of the stand. Access must be gained/researched from the private landowner/s to the west.</p>														
<p>Wld : leave yellow birch and beech components</p>														

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					B	Tot. BA								
11	A 3	A 3	38	6	2	0	55	aspen (upland)	immature	N		40-49 years	0	
comnts Fmd : Donut Lake Poplar Sale (#032-98) cut completed 10/00. Good aspen regen 10-16' tall. R.maple saplings intermixed throughout. Scattered large w.pine.														
12	V 0	V 0	22					bog or muskeg	nonstocked	N		not scheduled	0	
comnts Fmd : leatherleaf bog-floods out during spring														
13	Z 0	Z 0	13					water	nonstocked	N		not scheduled	0	
comnts Fmd : Bog type beaver pond turned into permanent lake.														
14	Q 4	L 2	60	55	5	40	35	mixed swamp conifer	immature	N		not scheduled	0	
comnts Fmd : scattered mix of cedar poletimber, and r.maple, b. ash, and cedar saplings along with light tag alder. Creeks/drainages throughout, standing water was evident (3/24/06) Scattered b.spruce poletimber and heavy balsam saplings. Soil: Carbondale, Lupton, Tawas mucks														
15	Q 6	C 3	16	55	5	100	40	mixed swamp conifer	immature	N		not scheduled	0	
comnts Fmd : Very dense mixed conifer stand. Small poletimber 4-7"dbh, dense cedar sapling 2-3". Scattered w.birch saplings. Soils: Carbondale, Lupton, Tawas mucks														
16	Q 6	Q 2	60	43	7	80	42	mixed swamp conifer	two aged	N		not scheduled	0	
comnts Fmd : Cedar poletimber and saplings, along with b.spruce, tamarack, w.birch and balsam poletimber and saplings. Very wet - open water, springs, feeder creeks and drainages throughout stand. Areas of highly stocked cedar inclusions. Soil:Carbondale, Lupton, Tawas mucks														
17	B 6	C 2	18	65	7	100	50	cedar	low quality	Y		30-39 years	0	
<u>Treatment Limiting Factors:</u> Too wet														
comnts Fmd : w.birch poletimber mixed with cedar - low, very wet ground. Plots fell in higher stocked w.birch areas, stand is extremely variable running from cedar to birch. Multiple drainages leading to creek to the north. Soil:Carbondale, Lupton, Tawas mucks														
18	C 6	C 2	22	44	7	70	35	cedar	immature	N		not scheduled	0	
comnts Fmd : well stocked cedar 1-3 stick merch heights, 4-10"dbh. W.birch component. Soil:Carbondale, Lupton, Tawas mucks														
19	M 6	M 1	23		10	130	60	northern hardwood	unevenaged	Y		10-19 years	0	
<u>Treatment Limiting Factors:</u> Delayed treatment for age/size class diversity														
comnts Fmd : Fair to low quality poletimber stand. A lot of low limbs and crook. Mainly r.maple with scattered, a bit higher quality h.maple in areas. Balsam understory throughout. Retain this cutting cycle to place with adjacent hardwood stands for next cutting cycle.														
20	H 6	H 2	5	60	9	150	45	hemlock	immature	N		not scheduled	0	
comnts Fmd : Good hemlock poletimber, 4-11'dbh. Associated r.maple, w.pine, y.birch and balsam fir. Stand is in a transition area to the true lowland swamp/bog to the northwest														
21	C 3	C 3	4	71	2	0	30	cedar	immature	N		not scheduled	0	
comnts Fmd : cedar 1-3"dbh, 10-16' tall. Associated hemlock saplings. Wet ground														

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					B	Tot. BA								
22	F 6	F 3	21	49	8	80	40	spruce-fir (uplands-including upland black spruce)	two aged	N		10-19 years	0	
comnts Fmd : Intermixed mature and immature balsam, b.spruce, and aspen. Balsam fir understory 2-4", 10-20' tall. W.pine sawtimber sized (pulp quality) component. The aspen and r.maple is low quality. Prescribe next cutting cycle, access would be from the E. by the old grade which runs WNW.														
23	V 0	V 0	3			0		bog or muskeg	nonstocked	N		not scheduled	0	
comnts Fmd : leatherleaf bog. Scattered b.spruce saplings/stunted small diam. Poletimber.														
24	S 6	F 2	10	71	9	120	40	black spruce-swamp	mature	N		not scheduled	0	
comnts Fmd : wet ground - poor access. Scattered cedar pockets, mature b.spruce 7-12" dbh. R.maple, w.birch sapling component. Stand is adjacent to an A3 and F6 - retain for a conifer travel corridor.														
25	L 0	L 0	4			0		lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Tag alder drainage with widely scattered low ground aspen, r.maple and w.birch														
26	F 6	F 2	78	45	7	100	43	spruce-fir (uplands-including upland black spruce)	immature	N		20-29 years	0	
comnts Fmd : w.spruce plantation interspersed with aspen and r.maple poletimber. W.spruce ranges from 1-4 stk merch heights, 4-10" dbh. Aspen is mature for the most part, r.maple is very low quality. R.maple and balsam saplings are in the understory. Treat next cutting cycle, retaining through this one for diversity of the area and the excellent wildlife cover this stand is currently providing.														
27	A 6	F 3	27	46	8	110	43	aspen (upland)	low quality	N	final harvest	within 0-9 years	2	
comnts Fmd : Mature aspen and balsam fir. Very low quality r.maple and beech component. Scattered large w.pine pockets. Remove aspen, balsam fir, spruce, maple and majority of the beech. Leave 1-2 beech/ac for mast and future snags. Protect the non merch conifers as much as possible. Leave w. pine. Secondary MO is for mixed conifer type with associated hardwood regen. Wld : leave white pine and some beech														
28	A 3	A 3	5	7	2	0		aspen (upland)	immature	N		40-49 years	0	
comnts Fmd : young aspen 6-10' high. Balsam fir sapling component. Sale # 033-99-02														
29	E 6	Q 2	91		8	120	55	swamp hardwoods	unevenaged	N		not scheduled	0	
comnts Fmd : Lowland mixed hardwood- w.birch, r.maple, b.ash, y.birch. Scattered hemlock sawtimber sized trees and hemlock seedling/sapling. Extremely wet ground. E.side of the stand is heavier to w.birch poletimber mixed with Q type poletimber. Inclusions of well stocked cedar poletimber throughout the stand. Soil:Carbondale, Lupton, Tawas mucks														
30	A 2	M 1	2	7	1	0		aspen (upland)	immature	N		50-59 years	0	
comnts Fmd : Aspen sapling stand 4-8' tall - overall weak aspen regeneration. After harvesting, the stand was/is too heavily stocked with hemlock resulting in too much shade and poor aspen regen. Areas are well stocked with hemlock poletimber.														
32	M 5	M 3	33		9	50	60	northern hardwood	unevenaged	N		20-29 years	0	
comnts Fmd : heavy beech regeneration in many areas of the stand. Aspen sprouting responded well in pockets where aspen was removed. Scattered balsam fir sapling component. Sale #022-99, Camp 5 Hardwoods Sale, completed 12/02														

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					B	Tot. BA								
33	M 6	M 3	12		9	110	50	northern hardwood	low quality	N	shelterwood-seed	within 0-9 years	3	
<p>comnts Fmd : Low quality mixed hardwood stand. High incidence of multiple stemmed trees, low limbs, seams and crook. Heavy maple and beech advanced sapling growth 3-10' tall. Shelterwood the stand to release the advanced regen and start the stand over. Mark to leave a target Ba of 50, concentrating on leaving healthy, windfirm maple and occasional beech. Remove all aspen. Retain a conifer component where possible. Expect mixed hardwood saplings to respond and aspen saplings to appear. Secondary MO is for Aspen. Access may be possible through the Luce County "40" and joining up the old grade on state land to the south.</p> <p>Wld : leave a conifer component if any.</p>														
34	M 3	M 3	18		5	40	60	northern hardwood	low quality	N		30-39 years	0	
<p>comnts Fmd : Very low quality r.maple , 3-6 stick merch heights, 6-10" dbh. Scattered aspen pockets, poor to fair r.maple advanced sapling regeneration throughout the stand. Balsam fir understory. Beaver kill is occuring near the lake</p>														
35	Z 0	Z 0	24					water	nonstocked	N		not scheduled	0	
<p>comnts Fmd : large, old beaver pond turned into a permanent lake. Active beaver colony.</p>														
36	A 6	M 2	19	46	8	110	60	aspen (upland)	immature	N		10-19 years	0	
<p>comnts Fmd : well formed aspen 6-11" dbhs, 3-5 stick merch heights. Stand is just beginning to self thin. R.maple saplings 6-10' high understory, scattered balsam fir sapling/seedling. Prescribe next cutting cycle. Soil: Liminga-Alcona complex</p>														
37	M 3	M 3	28		3	0	50	northern hardwood	low quality	N		30-39 years	0	
<p>comnts Fmd : Poor stand. Very low quality beech and associated r.maple. Heavy beech and maple regeneration 6-12' high, areas of heavy balsam fir sapling growth along with scattered, small openings grown in with bracken fern. Beech is twisted, seamed, multiple stemmed, limbs practically from the ground up. Very high use by bears, nearly every beech has multiple years of bear scars. Heavy mortality from BBD. Let existing beech continue to decline allowing the stand to act as a natural shelterwood for the advanced mixed hardwood regen.</p>														
38	M 6	M 3	28		8	130	50	northern hardwood	unevenaged	Y		20-29 years	0	
<p><u>Treatment Limiting Factors:</u> Delayed treatment for age/size class diversity</p> <p>comnts Fmd : Fair form to h.maple and r.maple poletimber. Areas of good h.maple sapling establishment. Inclusions of heavy balsam fir sapling growth in the understory. Hold until next cutting cycle to balance the harvests of the compartment and tie in with other prescriptions. Soil: Liminga-Alcona complex</p>														
39	E 6	Q 2	55	44	7	120	40	swamp hardwoods	low quality	N		20-29 years	0	
<p>comnts Fmd : low quality r.maple poletimber with y.birch and h.maple component. High incidence of cedar/hemlock poletimber inclusions and balsam fir saplings/seedlings. Wet ground-multiple drainages and water pockets. Soil:Carbondale, Lupton, Tawas mucks.</p>														
40	H 6	H 3	29		8	170	43	hemlock	unevenaged	N		30-39 years	0	
<p>comnts Fmd : Good hemlock poletimber and saplings/seedlings. Very good hemlock regeneration 2-6' tall. Associated aspen, r.maple, y.birch poletimber and scattered balsam fir/cedar poletimber. Transition area from upland A3 type to the west and Q6 type to the east, good potential for wildlife use. Soil:Carbondale, Lupton, Tawas mucks</p>														
41	A 3	A 3	8	15	2	0	50	aspen (upland)	immature	N		40-49 years	0	
<p>comnts Fmd : Good mix of aspen and maple regeneration 18-30' high. Maple regen is mainly from stump sprouting. Six point Aspen Sale #007-92, cut completed 12/91</p>														
42	M 6	M 3	19		10	140	62	northern hardwood	unevenaged	Y		10-19 years	0	
<p><u>Treatment Limiting Factors:</u> Delayed treatment for age/size class diversity</p> <p>comnts Fmd : Fair to good mixed hardwood poletimber 3-5 stick merchantable heights, 8-12"dbhs. Heavy beech regen 2-4' tall along with balsam fir saplings 4-10' tall. Edges (stand transition) have well formed aspen. Appears that much of the aspen within the stand was removed in a prior harvest years ago, no aspen sprouting evident. Prescribe next cutting cycle to balance the harvests within the compartment. Soils:Liminga-Alcona complex</p>														

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					B H	Tot. BA								
43	A 3	A 3	10	7	1	0	50	aspen (upland)	immature	N		40-49 years	0	
<p>comnts Fmd : well stocked aspen regen 8-12' high. Balsam fir and spruce component widely scattered throughout the stand. Spring Hill Aspen T. Sale #027-99 completed 7/99. Soils:Liminga-Alcona complex</p>														
44	M 6	M 3	30		9	140	55	northern hardwood	unevenaged	Y		10-19 years	0	
<p><u>Treatment Limiting Factors:</u> Delayed treatment for age/size class diversity</p> <p>comnts Fmd : The quality is variable. The E and W sides of the stand are very low quality-multiple stemmed trees, higher quality stems are through the middle of the stand. Stand is mainly r.maple and beech, h.maple occurs in the higher quality areas. 3-5 stick merch heights, 4-10" dbhs. Very few sawtimber diam class. Good advanced regen of maple and beech. Hold until next cutting cycle to balance the harvests in the compartment and to tie in management of this stand with other nearby hardwood stands. Good candidate for a shelterwood prescription in the future.</p>														
45	F 6	X 0	26	45	8	170	60	spruce-fir (uplands-including upland black spruce)	immature	N		20-29 years	0	
<p>comnts Fmd : w.spruce plantation 6-12" dbhs, 1-5 stick merch heights. Scattered associated h.maple, beech, b.cherry throughout the stand. Aspen occurs at the edges. Beavers have heavily impacted the aspen on the E. side of the stand. Excepting the occasional above associated species, this stand is nearly a pure spruce plantation.</p>														
46	M 6	M 2	96		8	130	60	northern hardwood	unevenaged	Y	thinning	within 0-9 years	2	
<p>comnts Fmd : Good form to the mixed hardwood poletimber/sawtimber. Low quality balsam sapling component. Thin to target of 80 ba, avoid vernal areas and pockets of advanced maple regen. Try to retain sawtimber trees excepting those with major defects given sawtimber diam classes are not well represented in the stand. In concentrations of beech, reduce beech to 10-20 Ba but not going below overall stand Ba target. Leave all aspen for present/future snags. Retain a conifer component where possible.</p> <p>Wld : leave some conifers</p>														
47	F 6	M 1	2	47	8	110	50	spruce-fir (uplands-including upland black spruce)	low quality	N		not scheduled	0	
<p>comnts Fmd : Mature balsam fir 1-6 stick merch heights, many seams on the boles. W.birch, r.maple, b.cherry sapling/seedling component. Beaver cuttings evident. Excellent transition/wildlife corridor from open hardwoods to marsh-swamp. Retain for riparian buffer and wildlife corridor. Soil:Liminga-Alcona complex</p>														
48	R 6	M 2	16	56	10	180	60	red pine	immature	Y		10-19 years	0	
<p><u>Treatment Limiting Factors:</u> Delayed to take advantage of exceptional site quality or growth</p> <p>comnts Fmd : Good form to red pine 8-14" dbh, 4-6 stick heights. Understory of h.maple saplings, moderate to heavily stocked. Stand was row thinned in 2002. Soils: Liminga-Alcona complex</p>														
49	M 6	M 2	23		9	110	63	aspen (upland)	unevenaged	N	final harvest	within 0-9 years	2	
<p>comnts Fmd : Low quality mix hardwood (mainly r.maple). Good quality mature aspen 5-7 stick heights, 10-14" dbhs. Balsam fir sapling component. B.cherry has heavy blacknot. Areas of low quality, poorly stocked poletimber over maple saplings. Remove the aspen, associated hardwoods and merchantable conifers excepting white pine, leave components of beech, b. cherry and oak if it occurs without hampering aspen regen with too much shade. Protect the non merchantable conifers. Expect a mix of aspen and mixed hardwood regen after management. Secondary MO is for mixed hardwood. ORV trail runs through stand. Soil:Liminga-Alcona complex</p> <p>Wld : leave white pine, oak and a beech component</p>														
50	A 3	A 3	3	5		0	50	aspen (upland)	immature	N		40-49 years	0	
<p>comnts Fmd : Good aspen regen 6-10' tall. Associated h. and r.maple saplings. Poor quality b.cherry also present. Spring Hill Aspen 3 T. Sale, cut completed 12/01 Soil: Liminga-Alcona complex</p>														

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					B	Tot. BA								
51	F 6	M 1	4	45	9	180	50	spruce-fir (uplands-including upland black spruce)	low quality	N		20-29 years	0	
<p>comnts Fmd : W.spruce plantation, 2-5 stick heights, 6-14" dbhs. E. side of stand has a mature aspen pocket. Good wildlife cover stand-thick/limby. Soil:Liminga-Alcona complex</p>														
52	R 6	M 3	1	54	10	250	55	red pine	immature	Y		10-19 years	0	
<p><u>Treatment Limiting Factors:</u> Inadequate volume due to small acreage</p> <p>comnts Fmd : Good quality stand-never been thinned, 8-14" dbhs, 6-7 stick heights. Moderate to heavy h.maple sapling understory. Stand is very small acreage. Prescribe with adjacent r.pine stands in next inventory cycle, moving this stand towards a hardwood stand - shelterwood to 60 BA residual to promote the advanced h.maple saplings, leaving larger diam, windfirm trees. Part of an old tresspass planting from the private land to the north. Soil:Liminga - Alcona complex</p>														
53	M 3	M 3	2	13		0		northern hardwood	in process of regeneration	N		60-69 years	0	
<p>comnts Fmd : Old opening/landing growing into heavy h.maple saplings, 2-10' tall. Associated aspen sapling component. Scattered w.birch poletimber along the road edges. Soil:Liminga-Alcona complex</p>														
54	X 0	X 0	2			0		other non-stocked or non-forest or non-productive	nonstocked	N		not scheduled	0	
<p>comnts Fmd : County Road 407/ROW</p>														
55	M 6	M 3	6	66	6	70	55	northern hardwood	immature	N		30-39 years	0	
<p>comnts Fmd : Mixed hardwood stand, mainly r.maple and beech poletimber 5-8" dbh, 2-3 stick merch heights. Scattered aspen at the road edge. Heavy beech sapling understory. Soil: Liminga-Alcona complex</p>														
56	A 6	M 2	7	33	7	120	55	aspen (upland)	immature	N		10-19 years	0	
<p>comnts Fmd : Well formed aspen poletimber 6-8" dbh. H.maple sapling/seedling understory. Beaked hazel. Scattered w. spruce. Appears to be wetter ground and heavier soil. ORV trail runs along stand boundary Soil: Liminga-Alcona complex</p>														
57	M 6	M 3	47		9	140	50	northern hardwood	unevenaged	Y	thinning	within 0-9 years	2	
<p>comnts Fmd : Well formed hardwood stand, 4-14" dbhs, 4-6 stick merchantable heights. Balsam fir sapling component, and aspen associated throughout stand. Thin to 80-90 BA, concentrating on the poletimber size classes. Retain aspen inside the stand for present and future snags. Keep sale boundary out of mature aspen/small diameter mixed hardwood poletimber at the SE side of the stand, adjacent to St. 59. Retain a conifer component where possible. ORV trail runs though stand. Soil: Liminga-Alcona complex</p> <p>Wld : leave any conifers, a beech, cherry and birch component</p>														
58	M 6	M 3	6		11	100	46	northern hardwood	unevenaged	N		30-39 years	0	
<p>comnts Fmd : Mid to low quality stand, 6-10" dbhs, 3-5 stick merch heights. Very widely scattered log quality/size trees. Due to small acreage, much of the stand is in transition to other types. Soil: Liminga-Alcona complex</p>														
59	F 6	F 1	32	45	9	150	50	spruce-fir (uplands-including upland black spruce)	immature	N		10-19 years	0	
<p>comnts Fmd : W.spruce plantation, 6-12" dbh, 3-5 stick merch heights. Scattered h.maple seedlings 2-4' tall. Highly scattered aspen component throughout the stand. Very little herbaceous ground cover. ORV trail runs through stand. Soil: Liminga - Alcona complex</p>														
60	F 6	F 1	10	45	7	170	45	spruce-fir (uplands-including upland black spruce)	immature	N		20-29 years	0	
<p>comnts Fmd : W.spruce plantation, limby, short heights 3-8" dbh, 1-4 stick heights. Stand is just transitioning to poletimber size class. Soil: Liminga-Alcona complex</p>														

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					B	Tot. BA								
61	M 6	M 1	39	9	170	65	northern hardwood	unevenaged	Y	thinning	within 0-9 years	2		
<p>comnts Fmd : Well formed poletimber stand. Good heights to first limbs. Small aspen inclusions throughout the stand and pockets of good advanced h.maple regen. Thin to 80 BA, trying to move poletimber into sawtimber diam classes with the stand lacking larger diam structure. Leave the aspen for present and future snags, most of the aspen is broken up already. Leave b.cherry, conifer and beech components. ORV trail runs through stand. Soil: Liminga-Alcona complex</p> <p>Wld : leave some conifers and birch</p>														
62	U 0	X 0	49		0		upland brush	nonstocked	N		not scheduled	0		
<p>comnts Fmd : small, low quality opening - lichens/moss/bracken fern. Low quality b.cherry beginning to grow in. Soil: Liminga-Alcona complex</p>														
63	A 3	A 3	1	7	1	0	50 aspen (upland)	immature	N		40-49 years	0		
<p>comnts Fmd : Aspen regen 8-10' tall , scattered balsam fir component. Spring Hill Aspen T. sale #027-99, completed 7/99. Soil: Liminga-Alcona complex</p>														
64	T 6	T 1	8	50	7	70	52 tamarack	immature	N		not scheduled	0		
<p>comnts Fmd : Tamarack, b.spruce 4-8"dbh, 3-5 stick heights. Scattered w.birch poletimber. Stand is adjacent to a bog pond (St. 65) pitcher plants at pond edge. Soil: Dawson, Greenwood, Loxely</p>														
65	Z 0	Z 0	1		0		water	nonstocked	N		not scheduled	0		
<p>comnts Fmd : small bog pond associated with St. 64</p>														
66	M 5	M 3	11	8	60	49	northern hardwood	unevenaged	N		10-19 years	0		
<p>comnts Fmd : lower quality mixed hardwood stand. Mainly r.maple 3-5 stick merchantable height, 6-8" dbhs. Balsam fir component. Areas of heavy beech sapling regen. Soil: Liminga-Alcona complex</p>														
67	R 9	M 3	4	50	12	160	54 red pine	immature	N		10-19 years	0		
<p>comnts Fmd : Good overall quality to r.pine. E. side of stand is much better quality than W. side (shorter, limby, heavy M3 understory). Hold to treat with adjacent pine stands in future inventory years. Row thinned in Spring Hill Mix T.sale #041-99-02, completed 6/00. Soil: Liminga-Alcona complex</p>														
68	A 3	A 3	11	6	1	0	55 aspen (upland)	immature	N		40-49 years	0		
<p>comnts Fmd : Aspen saplings 8-10' tall. Raspberry, shrub understory. Scattered r. and w.pine residual poletimber. Part of Spring Hill Mix T. sale #041-99-02, cut completed 6/00. Soil : Liminga-Alcona complex</p>														
69	R 6	M 2	6	47	10	170	60 red pine	immature	N		10-19 years	0		
<p>comnts Fmd : Good form to r.pine 6-14" dbh, 4-6 stick heights. Areas of heavy advanced h.maple sapling regen. Stand was row thinned approx 5 years ago. Part of Spring Hill Mix T. sale #041-99, completed 6/00. ORV trail runs partially through the stand. Soil: Liminga -Alcona complex</p>														
71	M 6	M 3	51	9	100	57	northern hardwood	unevenaged	N		20-29 years	0		
<p>comnts Fmd : Good form to mixed hardwood poletimber, mainly h.maple, 4-6 stick merchantable heights, 7-9" dbh. Sawtimber fair to good quality, 1-2 log heights 12-14" dbh. Excellent h.maple seedling establishment, the scattered openings and road edges have aspen sapling regen. ORV Trail runs through stand. Spring Hill Hardwood T.sale #042-002, completed 10/02 - thinning. Soil: Liminga - Alcona complex</p>														
72	A 3	A 3	123	15	2	0	55 aspen (upland)	immature	N		40-49 years	0		
<p>comnts Fmd : Aspen regen 16-20' tall. Balsam fir poletimber component, scattered r.maple pockets and b.cherry component. W.birch growing in at road/disturbance edges. Spring Hill T. sale #002-88, completed 3/91</p>														

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Stand	Cover Type-Size 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
73	M 5	M 2	36		7	50	47	northern hardwood	unevenaged	N		20-29 years	0	
comnts Fmd : Poor quality maple, beech poletimber. Small diam aspen poletimber interspersed throughout the stand. Small opening inclusions. A3 stands lie on either side of this stand, try to retain mix hardwood component in future treatements and move stand towards fully stocked mixed hardwoods.														
75	A 3	A 3	41	15	3	0	55	aspen (upland)	immature	N		50-59 years	0	
comnts Fmd : Good aspen regen. Widely scattered areas with lower stocking levels. B.cherry component in more open areas, 3-4" dbh, 20-30' tall. Spring Hill Extension T.sale #015-90, completed 12/91														
76	M 6	M 3	15		9	120	55	northern hardwood	unevenaged	Y		10-19 years	0	
<u>Treatment Limiting Factors:</u> Retention of stand for regeneration purposes (ie. shelterwood)														
comnts Fmd : Mixed hardwood poletimber 6-9" dbh, 3-4 stick merch height. Scattered low quality sawlog component. Heavy beech, h.maple regen 12-16' tall (well stocked). Beech poletimber component is dying out (beech snap). Delay treatment one more cycle to allow advanced hardwood regen to gain in size to prevent heavy damage. Soil: Bodi-Chesbrough Silt Loams														
77	M 6	M 2	54	61	9	160	50	northern hardwood	low quality	Y		30-39 years	0	
<u>Treatment Limiting Factors:</u> Too wet Blocked by other physical obstacle														
comnts Fmd : Low quality r.maple poletimber and cedar poletimber/saplings throughout the stand. Balsam fir sapling component. Inclusions of well stocked w.birch poletimber. Very low ground - wet, would require more than 1/4 mile of new road construction across thick cedar swamp and extremely wet soils. Extreme winter conditions would be needed for successful access. Soils: Carbondale, Lupton, Tawas mucks														
78	Q 6	Q 2	235	71	7	180	30	mixed swamp conifer	two aged	N		not scheduled	0	
comnts Fmd : Areas heavier to cedar, good cedar regen 2-20' tall. Component of w.birch poletimber. Many defined drainages (low banks) leading N. to Auger Creek. Spring pockets. Soil:Carbondale, Lupton, Tawas mucks														
79	Z 0	Z 0	10			0		water	nonstocked	N		not scheduled	0	
comnts Fmd : Series of active beaver ponds, cedar and tag alder intermixed with ponds														
80	Z 0	Z 0	4			0		water	nonstocked	N		not scheduled	0	
comnts Fmd : Series of active beaver ponds, cedar and tag alder intermixed with ponds														
81	Q 5	Q 1	42	68	7	50	30	mixed swamp conifer	two aged	N		not scheduled	0	
comnts Fmd : Stand is adjacent to and among a long series of beaver ponds. Good diameters in areas of cedar 10-14" dbh. Tag alder intergrown with the cedar and multiple drainages lead into the ponds and Auger Creek. Scattered r.maple, w.birch being impacted by beaver. Soil:Carbondale, Lupton, Tawas mucks														
82	Z 0	Z 0	2			0		water	nonstocked	N		not scheduled	0	
comnts Fmd : Series of active beaver ponds, cedar and tag alder intermixed with ponds														
83	C 3	C 3	385	58	3	140	35	cedar	immature	N		70-79 years	0	
comnts Fmd : Extremely high stocked cedar saplings (12-20' tall) and scattered, small diameter poletimber (2-6" dbh), 1-2 stick merch heights. Balsam fir saplings intermixed. Multiple drainages/holes/springs throughout the stand. Great regeneration resulting from clearcutting in 1920-1930s. Stand is so dense it is nearly unwalkable. Soil:Carbondale, Lupton, Tawas mucks														

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Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	Acrs	Age	avg. D B H	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
84	Q 5	Q 2	30	68	7	50	30	mixed swamp conifer	two aged	N		not scheduled	0	
comnts Fmd : Cedar poletimber with scattered, small "openings". B.spruce, balsam fir poletimber component. Balsam saplings. Wet ground- multiple drainages, sphagnum. Soil:Carbondale, Lupton, Tawas mucks														
85	Q 6	L 0	159	68	8	70	30	mixed swamp conifer	immature	N		not scheduled	0	
comnts Fmd : Cedar, tamarack, b.spruce poletimber 10-20' tall. Tag alder understory. A branch of the Auger Creek runs through the stand.. Clearcut in the 1920-30s. Soil:Carbondale,Lupton, Tawas mucks														
86	C 3	C 3	82	58	3	0	35	cedar	immature	N		70-79 years	0	
comnts Fmd : Extremely heavily stocked cedar saplings throughout the stand 2-6"dbh. Balsam fir, b.spruce saplings intermixed . Multiple wet drainages/holes/springs. Branch of the Auger Creek runs through the E. side of the stand. Results of clearcutting in the 1920 - 30s. Soil:Carbondale, Lupton, Tawas mucks														
87	Q 6	M 2	43	71	7	70	35	mixed swamp conifer	low quality	N		not scheduled	0	
comnts Fmd : Cedar, balsam fir, b.spruce poletimber/saplings. Low quality r.maple component. Multiple feeder drains run into a branch of the Auger Creek - very wet ground.														
88	V 0	V 0	92					bog or muskeg	nonstocked	N		not scheduled	0	
comnts Fmd : leatherleaf bog - scattered, stunted b.spruce and tamarack, standing water areas														
89	B 6	F 3	9		10	90	46	spruce-fir (uplands-including upland black spruce)	unevenaged	N		not scheduled	0	
comnts Fmd : Highly variable species mix. Transition area from upland types to lowland. Retain for this transition area value. Low quality r.maple and w.birch with associated balsam fir and b.spruce poletimber. Soil: Spot-Finch complex														
90	A 3	A 3	31	18	3	0	50	aspen (upland)	immature	N		40-49 years	0	
comnts Fmd : A3 stand just beginning to transition to poletimber size class stand. Associated r.maple saplings and a balsam fir component. Sale #034-87, cut completed 5/88. Soil:Spot - Finch complex														
91	F 3	F 3	3	36	6	20		spruce-fir (uplands-including upland black spruce)	sparse	N		40-49 years	0	
comnts Fmd : open grown w.spruce and jack pine filling in old field. Open grown, limbs to the ground - low quality. Soil: Spot - Finch complex														
93	R 6	X 0	9	36	8	160	55	red pine	immature	N	thinning	within 0-9 years	3	
<u>Treatment Limiting Factors:</u> Other Dept./Div. procedures or practices (describe in comment)														
comnts Fmd : Good r.pine plantation, 6-12"dbhs, 3 stick merch height. N.end is slightly more open grown - larger diameters and more b.cherry saplings and bracken. Stand is just showing signs of limb self pruning. No sweet fern present. Stand is part of the same plantation as the adjacent r.pine to the south in compartment 87. Delay this stand's treatment now to prescribe with the adjacent r.pine plantation in compartment 87 when C.87 's next inventory cycle occurs (2012). Row thin by removing every third row. It appears the stand was planted at roughly a 8 foot row spacing, so manueverability should not be a problem. Soil: Paquin Sand														
94	S 4	M 1	5	71	7	20	45	spruce-fir (uplands-including upland black spruce)	immature	N		not scheduled	0	
comnts Fmd : lowland b.spruce- appears to be dry during summer, excluding rain periods. Associated low quality r.maple saplings and w.birch. Transitional area to bog/S3 to the N.														

NEWBERRY FOREST MGT UNIT

Stand Level Information

Compartment: 86

Entry Year: 2008

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Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	Acres	Age	avg. DBH	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
95	S 6	M 1	17	69	7	110	45	spruce-fir (uplands-including upland black spruce)	two aged	N		30-39 years	0	
comnts Fmd : lowground b.spruce with scattered high ground ridges/humps. Minor windthrow is occuring on these higher ground areas from winds of the more open bog to the N. Retain stand for its excellent wildlife corridor/transitional area it provides. Windthrow loss is acceptable Soil:Spot-Finch complex														
96	S 5	Q 2	7	67	7	50	30	mixed swamp conifer	immature	N		30-39 years	0	
comnts Fmd : b.spruce poletimber with spruce saplings, cedar, balsam fir understory. Scattered r.maple and w.birch poletimber. Adjacent to Auger Creek and its associated tag alder banks. Soil: Histisols and Aquents, Poned														
97	L 0	L 0	42			0		lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : tag alder banks along Auger Creek. Scattered b.spruce and tamarack poletimber with occasional cedar and w.pine. Auger Creek is included in the stand with many tributaries and drainages.														
98	C 3	Q 2	159	68	4	0	30	cedar	immature	N		not scheduled	0	
comnts Fmd : Very heavily stocked cedar saplings with scattered poletimber. Associated b.spruce, and balsam fir saplings. Widely scattered higher ground pine ridges. Clearcut in the 1920 -30s. Soil:Carbondale, Lupton, Tawas mucks														
431	G 0	X 0	8			0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : small opening grown in with bracken fern.														
470	G 0	X 0	1			0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : small opening, growing into bracken fern. ORV trail runs through stand. Soil: Liminga-Alcona														
474	G 0	X 0	19			0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : semi open grass opening, growing in with bracken, b.cherry, and w.pine. Blueberry														
492	G 0	X 0	10			0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : low quality grass opening filling in with b.cherry, white pine blueberry and bracken. Soil: Paquin Sand														

Total Acres..... 3297