

\* 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	avg. D			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
				Age	BH	Tot. BA							
1	L0	L0	381	0	0	15	lowland brush	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : Includes some flooded E4/Q4 type identified last inventory (~ 10-15 sq ft - cedar, paper birch, black ash, red maple, spruce). Auger Creek influence. Soils are Aquents and histosols. 1997: stand 1, 67													
2	S5	S2	15	69	6	40	30	black spruce-swamp	immature	N		20-29 years	0
<u>Treatment Limiting Factors:</u> Road needed (resources not presently available) Too wet Water quality/bmps Adjacent landowner denies access													
comnts Fmd : Rousseau-Spot soils. 1997: stand 71													
3	Q5	Q2	43	77	8	60	30	mixed swamp conifer	immature	N		20-29 years	0
comnts Fmd : Rousseau - Spot soils. 1997: stand 69													
4	H6	F1	17		9	70	45	hemlock	immature	N		not scheduled	0
<u>Treatment Limiting Factors:</u> Road needed (resources not presently available) Too wet													
comnts Fmd : Mixed hardwood includes: paper birch, aspen, ash, and/or yellow birch. Rousseau - Spot soils. 1997: stand 70													
5	D0	D0	7			0	15	treed bog	nonstocked	N		not scheduled	0
comnts Fmd : Tawas - Spot soils. 1997: stand ?													
6	S5	S2	9	69	6	40	30	black spruce-swamp	immature	N		10-19 years	0
<u>Treatment Limiting Factors:</u> Road needed (resources not presently available) Too wet Water quality/bmps Adjacent landowner denies access													
comnts Fmd : Rousseau - Spot soils. 1997: stand 71													
7	D0	D0	3			0	15	treed bog	nonstocked	N		not scheduled	0
comnts Fmd : Tawas - Spot soils. 1997: stand ?													
8	Q6	Q2	19	95	10	70	26	mixed swamp conifer	immature	Y		10-19 years	0
<u>Treatment Limiting Factors:</u> Road needed (resources not presently available) Water quality/bmps													
comnts Fmd : Soils are Tawas - Spot and Spot - Finch (on slightly higher ground). 1997: stand 72													
9	L0	L0	3			0	15	lowland brush	nonstocked	N		not scheduled	0
comnts Fmd : Stand is along compartment boundary, and connects with adjacent stand (c. 114 stand 22). Tawas - Spot soils. 1997: stand 61,71,72													
10	Q4	Q2	47	77	8	30	30	mixed swamp conifer	immature	N		not scheduled	0
comnts Fmd : Stand contains small spruce, cedar, paper birch. Understory species are 3 - 4" dbh. Soils are Tawas - Spot. 1997: stand 58,67													

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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 H	Tot. BA	Site Indx							
11	Q5	F2	8	77	9	50	30	mixed swamp conifer	low quality	N		not scheduled	0	
comnts Fmd : Lots of open area - flooded? (adjacent to low with intermittent drainage - lots of dead snags,brush). Soils are Tawas-Spot. 1997: stand 67														
12	E5	F2	37		9	50	46	swamp hardwoods	low quality	N		20-29 years	0	
<u>Treatment Limiting Factors:</u> Inferior quality														
comnts Fmd : Stand is old, low quality red maple and paper birch with cedar, white pine and hemlock interspersed. Some of the lower ground is heavier to black ash and tagalder. Fir understory is <= 1" dbh and ~15 feet tall. M1 - M2 is also present, with dbh range of 2 - 4". Cutting done in the late 50's? Spot - Finch soils. 1997: stand 68,67,64														
13	Q5	F2	26		8	50	50	mixed swamp conifer	unevenaged	N		30-39 years	0	
<u>Treatment Limiting Factors:</u> Inadequate volume due to low stocking/small diameter/etc.														
comnts Fmd : Stand consists of smaller paper birch, red maple, spruce/fir with larger white pine, cedar. Occasional aspen clones, esp. along grade. Small portion of stand included from WP/A cut in the '70's; remaining stand has cutting records for the 50's and 60's. Mixed softwood species includes: tamarack, cedar, balsam fir, red and white pine. Mixed hardwood includes: paper birch, BTand quaking aspen. Soils are Tawas - Spot. 1997: stand 58,60,62														
14	S5	Q1	1	67	7	50	45	black spruce-swamp	mature	N		10-19 years	0	
<u>Treatment Limiting Factors:</u> Road needed (resources not presently available) Inadequate volume due to small acreage Too wet														
comnts Fmd : Previous inventory treated majority of stand, except for this small portion - too wet? Prescribe/treat with adjacent compartment when that stand is ready to harvest. Soils are Tawas-Spot-Finch. 1997: stand 61.														
15	A3	F2	5	29	2	10	50	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : Stand was harvested with adjacent compartment (C. 114). T. sale # 30-74A, cut 12/74 - 11/75. Some residual white pine and maple - where present, aspen is more suppressed. DBH varies between 1 - 3", and heights of 25 to 40 feet. Thick fir regeneration in understory. 1997: stand 61														
16	D0	D0	1			0	15	treed bog	nonstocked	N		not scheduled	0	
comnts Fmd : Small treed bog with spruce, cedar, white pine. 1997: N/A														
17	Q5	F2	11		8	60	35	mixed swamp conifer	unevenaged	N	final harvest	within 0-9 years	2	
comnts Fmd : Contains some multiple-stemmed spruce with white pine, hemlock. Soils are Spot/Finch complex. Mixed softwood includes: red pine, hemlock and fir. Leave white and red pine, hemlock. 1997: stand 58,63 Wld : leave red and white pine and hemlock														
18	E6	F2	12		9	70	30	swamp hardwoods	low quality	N		10-19 years	0	
comnts Fmd : Low quality - some M-clump regeneration. Understory fir is ~ 20 feet tall. Probably cut in the late 50's. Mixed softwood includes: balsam fir and spruce. 1997: stand 64														
19	S5	F2	9	77	8	60	35	black spruce-swamp	mature	N	final harvest	within 0-9 years	3	
comnts Fmd : Along grade, there is some jack pine mixed within stand. Some mistletoe visible on spruce. Mixed commercial species include: cedar, paper birch, red maple. Soils are Spot/Finch. Harvest will need to occur when soils are dry (mid - late summer) or when soils are frozen to prevent damage. Leave large white pine and any smaller regeneration; leave cedar also. Regeneration may be difficult, due to soil wetness and plant competition (mostly brush), although adjacent stands with spruce should provide sufficient seed source. 1997: stand 64 Wld : leave white pine and cedar														

NEWBERRY FOREST MGT UNIT

Stand Level Information

Compartment: 117 Entry Year: 2007

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Stand	Cover Type-Dnsty	Under Story-Stkng Level	Age	A c r e s	avg. D		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B H	Tot. BA								
20	Q4	Q1	36		8	30	25	mixed swamp conifer	low quality	N		not scheduled	0	
comnts Fmd : Transition stand from low type; poor quality and wet soils. Variable stand composition, including some areas with denser stocking to more of a treed bog type. Mixed hardwood includes: red maple, paper birch, ash and aspen. There are a few large white pine within. Soils are Spot/Finch. 1997: stand(s) 26,27														
21	E6	F3	13		7	80	47	swamp hardwoods	unevenaged	N		30-39 years	0	
comnts Fmd : Cut in the late 50's - early 60's. Some hemlock, spruce present. Soils are Spot/Finch. 1997: stand 27														
22	D0	D0	2			0	15	treed bog	nonstocked	N		not scheduled	0	
comnts Fmd : Small spruce, tamarack along grade. 1997: stand 1														
23	S3	S3	4	67	1	10	20	black spruce-swamp	immature	N		30-39 years	0	
comnts Fmd : Area previously typed out as low type; thick fir/spruce. Soils are Spot/Finch. 1997: stand 1														
24	S6	S1	21	77	7	80	30	black spruce-swamp	immature	N	final harvest	within 0-9 years	2	
comnts Fmd : Very thick stand of spruce. Soils are Spot/Finch. 1997: stand 66 Wld : leave white pine and cedar														
25	S3	S3	3	77	3	0	20	black spruce-swamp	immature	N		30-39 years	0	
comnts Fmd : Previously typed out as "D" stand. Soils are Spot/Finch. 1997: stand 65														
26	L0	L0	13		0	0	15	lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Some cedar, spruce, white pine and maple within. Soils are Spot/Finch. 1997: stand 46														
27	E6	F2	32		10	70	46	swamp hardwoods	unevenaged	N		20-29 years	0	
comnts Fmd : Variable stand; areas with old, large diameter white pine and maple, with heavy fir understory, and along grade, small B3/F2 with white pine, maple, hemlock. Mixed softwood species include: cedar and spruce. Soils are Spot/Finch. Records indicate cutting in the 1960's. 1997: stand 58														
28	A4	A3	23	37	4	10	50	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : T. sale #15-66? Stand also contains some white pine, hemlock, spruce and cedar. Very thick fir regeneration along grade itself. Soils are Spot/Finch. 1997: stand 57														
29	Q5	Q1	7		8	60	40	mixed swamp conifer	immature	N		not scheduled	0	
comnts Fmd : Mixed regeneration within stand. Mixed hardwood includes: red maple, paper birch. Soils are Tawas-Spot-Finch. 1997: stand 60														
30	S2	J2	2	29	3	0	40	black spruce-swamp	immature	N		50-59 years	0	
comnts Fmd : Part of T. sale #30-74A, which was cut in 1974-75 (with compartment 114, stand 79). Soils are Spot-Finch. 1997: stand 59														
31	S5	S2	31	69	6	40	35	black spruce-swamp	immature	N		not scheduled	0	
comnts Fmd : Thick and thin areas of spruce; understory is S1 in places w/tagalder. Soils are Spot-Finch. 1997: stand 59,56														
32	W8	F2	13		14	50	50	white pine	unevenaged	N		10-19 years	0	
comnts Fmd : Primarily a ridge stand, with a few tiered ridges/slopes dropping off into lower surrounding ground also. Some white spruce, balsam fir, red maple within stand. Soils are combo of Spot-Finch/Rousseau-Spot/Rousseau. 1997: stand 51.														

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Stand	Cover Type-Dnsty	Under Story-Stkng Level	Age	A c r e s	avg. D		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B H	Tot. BA								
33	S6	S2	16	88	7	80	35	black spruce-swamp	mature	Y		10-19 years	0	
<u>Treatment Limiting Factors:</u>														
Too wet														
Road needed (resources not presently available)														
Too steep														
comnts Fmd : Stand edges mix in with red maple, paper birch. Areas with 1-2" dbh M regeneration, and small WP also. Low, wet ground. Road access into area is a narrow, steep ridge - improvements would be necessary to use for logging. Soils are Spot-Finch. 1997: stand 56														
34	Q6	F2	9		8	80	45	mixed swamp conifer	unevenaged	N		10-19 years	0	
comnts Fmd : Low quality hardwood - defective paper birch - being replaced by conifers. Some areas with hemlock, some with smaller aspen, birch and fir. Records indicate cutting in the 1950's-60's. Soils are Rousseau-Spot. 1997: stand 49,50														
35	W8	F2	30		12	60	45	white pine	unevenaged	N		20-29 years	0	
comnts Fmd : Variable stand as to size, composition and density. Late 1950's cut? Soils are Spot-Finch. 1997: stand 55														
36	N0	N0	56			0	15	marsh	nonstocked	N		not scheduled	0	
comnts Fmd : Scattered spruce, cedar and tamarack with tagalder, snags and cattails. Quite a bit of standing timber within was killed since 1964 photos; beaver ponding and impoundment present at south end of stand. Aquents and histosols. 1997: stand 46/30														
37	A5	F2	16		9	40	40	mixed swamp conifer	unevenaged	Y	final harvest	within 0-9 years	1	
comnts Fmd : Narrow ridge of high ground through stand supports aspen, birch, red and white pine, and a few red maple. Low ground is more spruce/fir, white pine, cedar, hemlock. Aspen/birch on this lower ground is in poor shape and will eventually disappear from the stand. Some dead aspen already. Heavy spruce/fir understory. Let stand convert to white pine or spruce. Logging access is difficult due to narrow trail and wet soils. Soils are Rousseau along ridge and Spot/Finch elsewhere. Cut aspen, birch, spruce/fir and leave W,C,H. 1997: stand 29														
Wld : leave white pine, cedar and hemlock														
38	S6	S2	18	73	7	70	30	black spruce-swamp	immature	N	final harvest	within 0-9 years	3	
comnts Fmd : Low ground with some low quality aspen and paper birch within. Spruce/fir regeneration is ~10 feet tall. Difficult access. 1997: stand 28														
39	F3	S2	4	29	3	0	40	spruce-fir (uplands-including upland black spruce)	immature	N		40-49 years	0	
comnts Fmd : T. sale #5-75, cut in 1975. Stand also includes WP,RP, T, and A/B. Soils are Spot/Finch. 1997: N/A														
40	S5	S2	31	75	7	60	35	black spruce-swamp	immature	N		10-19 years	0	
comnts Fmd : Higher ground with trail road contains more jack and red pine; jack pine is fairly small (2-3 stick) - previous cutting? Surrounding spruce is very tall, in places, but other areas on wetter ground are shorter and sparser. Some tamarack and balsam fir noted. Soils are Spot/Finch. 1997: stand 25														
41	S3	S1	3	100	3	0	15	black spruce-swamp	low quality	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u>														
Inadequate volume due to low stocking/small diameter/etc.														
comnts Fmd : Pretty much a treed bog area.														
42	S5	F2	8	77	6	50	35	black spruce-swamp	immature	N		not scheduled	0	
comnts Fmd : Stand is slowly being flooded out by adjacent beaver activity. Some small white pine, red pine and cedar are present. Soils are Rousseau-Dawson/Spot-Finch. 1997: stand 31														
43	Q5	Q3	14		8	60	30	mixed swamp conifer	unevenaged	N		not scheduled	0	
comnts Fmd : Low quality red maple, paper birch within which is dead/dying out. Some cedar regeneration. Area slowly being flooded out by adjacent beaver activity. Heavy BF understory. Soils are primarily Spot-Finch. 1997: stand 54														

Stand ID	Cover Type- Size Dnsty	Under Story- Stknng 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							
44	S5	S2	8	71	7	50	26	black spruce-swamp	immature	N		not scheduled	0	
comnts Fmd : Soils are Spot-Finch. 1997: stand 53														
45	W9	F3	14		15	70	45	white pine	unevenaged	N		not scheduled	0	
comnts Fmd : Large white pine with some cedar/hemlock pockets. Cutting done in the 50's -60's? Sub-canopy of 5" maple mixed with spruce/white pine and heavy spruce/fir understory (1-2" dbh and 8-16 feet tall). Some dead/dying paper birch mixed within - very mixed stand. Soils are Rousseau-Spot. 1997: stand 33														
46	L0	L0	5		0	0	15	lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Low ground with tagalder and a few misc. species. 1997:stand 46														
47	E5	F2	102		8	50	46	swamp hardwoods	unevenaged	N		20-29 years	0	
comnts Fmd : Stand is a mix of cedar, white pine and hemlock with smaller paper birch , maple (3-6"), and fir (2-3"dbh). Understory could easily be classified as an M2/B2, in places. Records indicate some sort of harvest treatment(s) from '55 - '68. Some of the pole-sized maple within stand have heavy tufts of epicormic branching, and are of low quality. A few tamarack noted. Stand blends in with adjacent Hemlock stands; probably all treated at the same time, but areas cut heavier are now reverting to this lower quality maple type. Soils are Spot/Finch. 1997: stand 50,33														
48	H9	F1	3	110	14	120	40	hemlock	immature	N		not scheduled	0	
comnts Fmd : Hemlock year of origin established from referencing silvics manual and knowledge of area history. Not much for understory species; some of the balsam fir regeneration present (~20 feet in height) is dead from being shaded out. Soils are Spot-Finch. 1997: N/A (was part of stand 49)														
49	Q5	Q2	46	81	7	50	26	mixed swamp conifer	immature	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u> Inadequate volume due to low stocking/small diameter/etc.														
comnts Fmd : Variable stand; records indicate treatment in the mid-late 50's. Stand could almost be considered two-aged or unevenaged. White pine and cedar with small spruce, fir, paper birch, aspen, and red maple. Hemlock present, but patchy. Regeneration also includes white and red pine, cedar, and hardwood, depending on the nature of soils and terrain. Soils include: Spot-Finch and Rousseau-Spot. 1997: stand 48,49														
50	L0	L0	7		0	0	15	lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Low ground with tagalder and a few misc. species. 1997:stand 46														
51	A3	F2	9	27	4	20	50	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : Mostly small, non-merchantable stuff, although there are areas with a little larger timber. Found T. sale# 23-77A associated with legal description; last O.I. had stand Y.O.O. as 1964 - not sure about this. The majority of aspen, paper birch and red maple (~ 3" dbh) are between 25 - 32 feet tall; balsam fir is ~ 20 feet tall (1" dbh). Some white and red pine regeneration noted, also. Soils are Rousseau-Spot. 1997: stand 52														
52	Q6	F2	10		8	70	30	mixed swamp conifer	unevenaged	N		not scheduled	0	
comnts Fmd : Stand contains some patches of thick cedar; maple is in clumps (sprout origin?). Areas of Hemlock can be found, also (somewhat higher ground). Records indicate some cutting took place in the late 50's. Spot-Finch/Rousseau-Spot soils. 1997: stand 48														
53	E5	F2	31		8	50	46	swamp hardwoods	unevenaged	N		not scheduled	0	
comnts Fmd : Low quality E-type; regeneration is around 30-40 feet tall (~ 3 - 4" dbh). Mix of red maple, black ash, aspen , paper and yellow birch. Some willow noted. Quite a bit of dead paper birch already, and junk yellow birch. Ground is wet. Where there is a slightly higher rise in the ground, stand condition/quality improves. Good regeneration of both E and F (1" dbh) types in various parts of the stand. Soils are Spot-Finch. 1997: stand 47,48.														
54	H6	F2	93		10	90	40	hemlock	immature	N		not scheduled	0	
comnts Fmd : Stand is comprised of hemlock patches with white pine and mixed lowland hardwood. Cutting done in the late '50's, records seem to indicate. Some hemlock regeneration was noted, but not a whole lot. Mostly spruce/fir regen (~1" dbh and 25 feet tall) and some E. Hemlock is most likely even-aged, but no core sample was taken; would guess age at over 80 years. Soils are Rousseau-Spot. 1997: stand 44.														

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					B H	Tot. BA								
55	Q6	Q2	11	102	9	70	20	mixed swamp conifer	old growth (potential or actual)	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Too wet</p> <p>comnts Fmd : Inaccessible stand. Tawas-Spot-Finch soils. 1997: stand 41</p>														
56	D0	D0	102		0	0	20	treed bog	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Tawas-Spot-Finch soils. 1997: stand 39</p>														
57	Q6	Q2	33	102	9	70	20	mixed swamp conifer	old growth (potential or actual)	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Blocked by other physical obstacle</p> <p>comnts Fmd : Inaccessible stand. Tawas-Spot-Finch soils. 1997: stand 41</p>														
58	E6	E1	23		9	80	50	swamp hardwoods	old growth (potential or actual)	N		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Blocked by other physical obstacle</p> <p>comnts Fmd : Tawas-Spot-Finch soils. Tahquamenon River influence. 1997: stand 42</p>														
59	Q6	Q2	14	102	9	70	20	mixed swamp conifer	old growth (potential or actual)	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Blocked by other physical obstacle</p> <p>comnts Fmd : Inaccessible stand. Tawas-Spot-Finch soils. Tahquamenon River influence. 1997: stand 41</p>														
60	H9	F1	96		14	100	45	hemlock	unevenaged	N		not scheduled	0	
<p>comnts Fmd : Nice stand of hemlock within subtle ridges/hills. Thicker areas of hemlock have tall white pine (one 31" dbh WP measured at 106' tall) within, with very little understory (only 3' tall F1); more open H areas have some H regeneration, but mostly thick BF and some paper birch also. Hemlock stand is most likely even-aged, but no core sample was taken. Best guess using silvics manual and site index interpolation would be at over 110 years. Record of some cutting in the 1950's. Possibly list as old growth, but if mgmt goal is to experiment with regeneration techniques for successful H, treat when adjacent stands are treated (TMP=2). Soils are Rousseau-Spot. 1997: stand 33</p>														
61	S6	F1	2	69	8	80	30	black spruce-swamp	immature	N		20-29 years	0	
<p>comnts Fmd : Pockets of spruce within hemlock type. Soils are Rousseau-Spot. 1997: stand 38</p>														
62	L0	L0	1		0	0	15	lowland brush	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Low ground with tagalder and a few misc. species. 1997: N/A</p>														
63	S6	F1	5	69	8	80	30	black spruce-swamp	immature	N		20-29 years	0	
<p>comnts Fmd : Pockets of spruce within hemlock type. Soils are Rousseau-Spot. 1997: stand 38</p>														
64	S5	S1	9	74	6	50	30	black spruce-swamp	immature	N		20-29 years	0	
<p>comnts Fmd : Quite a bit of dead spruce within stand. Component of cedar and white pine present. Soils are Spot-Finch. 1997: stand 36</p>														

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					B H	Tot. BA								
65	W8	F2	5		12	50	50	white pine	immature	N		20-29 years	0	
comnts Fmd : Soils are Spot-Finch. 1997: stand 37														
66	L0	L0	29			0	15	lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Soils are Spot-Finch and Aquent. 1997: stand 34														
67	R8	J2	8		14	50	49	red pine	unevenaged	N		20-29 years	0	
comnts Fmd : T. sale #2-70; jack pine removed. Some aspen and paper birch present. Jack pine is ~35-40 feet tall. Soils are Rousseau-Spot. 1997: stand 23														
68	J5	S1	12	35	6	50	47	jack pine	immature	N		20-29 years	0	
comnts Fmd : Fairly even mix of jack pine and spruce - more of a spruce type, in places. Ground is lower than adjacent ridge. Some red and white pine present. Part of T. sale #2-70. Private landowner (center of section 14) had permission to corduroy "trail" across State for access. Soils are Rousseau-Dawson/Rousseau-Spot. 1997: stand 6														
69	D0	D0	185			0	15	treed bog	nonstocked	N		not scheduled	0	
comnts Fmd : Small tamarack, spruce, and some jack pine. Dawson soils. 1997: stand 21														
70	S4	S3	3	35	5	30	35	black spruce-swamp	immature	N		40-49 years	0	
comnts Fmd : Spruce harvested with T. Sale #2-70. Old RP log trees within stand. Soils are Rousseau-Spot. Low ground. 1997: stand 22.														
71	J5	S1	7	34	6	60	47	jack pine	immature	N		20-29 years	0	
comnts Fmd : T. sale #2-70; jack pine is now 32 - 40 feet in height - small dbh, though. At slightly lower ground X-ing's, pine is smaller yet. Soils are Rousseau-Spot. 1997: stand 9														
72	D0	D0	378			0	15	treed bog	nonstocked	N		not scheduled	0	
comnts Fmd : Small jack pine with spruce, tamarack (2"dbh and 6-10 ' tall) - labrador tea, leatherleaf, tagalder noted. Scattered islands of spruce. Pretty variable densities; closer to sand ridges (and improving soils), stand could actually be more of an S2/J1. Will never amount to anything commercial, though. Soils are Rousseau -Dawson and Dawson, Greenwood, Loxley. 1997: stand 10														
73	J6	F1	16	37	7	80	55	jack pine	immature	N		20-29 years	0	
comnts Fmd : Stand harvested late 60's - early '70's? T. sale # 54-67A. Tall, narrow jack pine; lots of height, but not much dbh. Some small spruce and paper birch present. Soils are Rousseau-Dawson/Spot-Finch (but old soils survey indicated Rubicon). Appears to be a better site. 1997: stand 17														
74	S6	S2	12	71	8	70	30	black spruce-swamp	immature	N		10-19 years	0	
comnts Fmd : Patches of spruce. Some quality to some of it. Jack pine in surrounding areas was harvested in the late 1960's.														
75	N0	N0	13		0	0	15	marsh	nonstocked	N		not scheduled	0	
comnts Fmd : Patches of spruce. Some quality to some of it. Jack pine in surrounding areas was harvested in the late 1960's.														
76	S6	S2	28	71	8	70	30	black spruce-swamp	immature	N		10-19 years	0	
comnts Fmd : Patches of spruce. Some quality to some of it. Jack pine in surrounding areas was harvested in the late 1960's.														
77	S6	S2	19	71	8	70	30	black spruce-swamp	immature	N		10-19 years	0	
comnts Fmd : Patches of spruce. Some quality to some of it. Jack pine in surrounding areas was harvested in the late 1960's.														

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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	Tot. BA							
78	D0	D0	2			0	15	treed bog	nonstocked	N		not scheduled	0	
comnts Fmd : Small jack pine with black spruce and tamarack. Rousseau-Dawson soil complex. 1997: stand 10														
79	J6	J2	20	36	8	80	50	jack pine	immature	N		20-29 years	0	
comnts Fmd : Slight ridges of jack pine. Black spruce mixed in along edge of bog. Old road bed through stand from when the area was cutover in the late 1960's. Questionable access. Rousseau-Dawson soil complex.														
80	J6	J2	45	35	8	70	50	jack pine	immature	N		30-39 years	0	
comnts Fmd : Jack pine ridges out into the surrounding treed bog. Black spruce mixed in along the treed bog edges. Old abandoned road through the stand from when the stand was cut in the 1960's. Records of numerous cuts throughout the 1960's in the general area of this stand. Access can be gained from the old road to the south. Rousseau-Dawson soils complex.														
81	J5	F2	35	36	7	60	50	jack pine	immature	N		20-29 years	0	
comnts Fmd : Area was cut in the late 60's (t. sale # 37-69). Some red pine and spruce (along the lower ridge edges) present with an occasional aspen and/or paper birch. Soils are Rousseau - Spot. 1997: stand 9														
82	S4	S3	6	68	5	20	30	black spruce-swamp	immature	N		not scheduled	0	
comnts Fmd : Adjacent area cut in the late 60's; this are left due to extreme site wetness. Some tamarack noted. Labrador tea ground cover present. Mistletoe seen in spruce. Spruce is 24 - 35 feet in height and small dbh. Soils are Rousseau-Spot. 1997: stand 8														
83	S4	S3	4	68	5	20	30	black spruce-swamp	immature	N		not scheduled	0	
comnts Fmd : Adjacent area cut in the late 60's; this are left due to extreme site wetness. Some tamarack noted. Labrador tea ground cover present. Mistletoe seen in spruce. Spruce is 24 - 35 feet in height and small dbh. Soils are Rousseau-Spot. 1997: stand 8														
84	S5	S2	4	97	7	40	25	black spruce-swamp	low quality	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u> Inadequate volume due to low stocking/small diameter/etc. Too wet Blocked by other physical obstacle														
comnts Fmd : Stand blends into treed bog type - low quality. Some jack pine. Soils are Rousseau - Dawson. 1997: stand 6														
85	S5	S2	5	97	7	40	25	black spruce-swamp	low quality	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u> Inadequate volume due to low stocking/small diameter/etc. Too wet Blocked by other physical obstacle														
comnts Fmd : Stand blends into treed bog type - low quality. Some jack pine. Soils are Rousseau - Dawson. 1997: stand 6														
86	N0	N0	28			0	15	marsh	nonstocked	N		not scheduled	0	
comnts Fmd : Flooded area. Soils are Aquents and histosols. 1997: stand 7														
87	S5	S2	3	97	7	40	25	black spruce-swamp	low quality	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u> Inadequate volume due to low stocking/small diameter/etc. Too wet Blocked by other physical obstacle														
comnts Fmd : Stand blends into treed bog type - low quality. Some jack pine. Soils are Rousseau - Dawson. 1997: stand 6														
88	S5	S1	17	97	8	60	25	black spruce-swamp	low quality	Y		30-39 years	0	
<u>Treatment Limiting Factors:</u> Too wet														
comnts Fmd : Soils are Spot- Dawson. 1997: stand 6														

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Stand Level Information

Compartment: 117 Entry Year: 2007

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Stand	Cover Type-Dnsty	Under Story-Stkng Level	Acres	Age	avg. D		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B H	Tot. BA								
89	J2	J2	53	30	4	0	46	jack pine	immature	N		30-39 years	0	
comnts Fmd : Stand harvested between 1970-78; most likely t.sale #6-70. Areas of treed bog are included. Soils are Rousseau - Dawson. 1997: stand 5,3														
90	J6	S1	2	84	9	100	47	jack pine	old growth (potential or actual)	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u> Blocked by other physical obstacle														
comnts Fmd : Stand is isolated ridge out in the middle of marsh/bog. 1997: stand 4														
91	J6	S1	3	84	9	100	47	jack pine	old growth (potential or actual)	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u> Blocked by other physical obstacle														
comnts Fmd : Stand is isolated ridge out in the middle of marsh/bog. 1997: stand 4														
92	J6	S1	2	84	9	100	47	jack pine	old growth (potential or actual)	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u> Blocked by other physical obstacle														
comnts Fmd : Stand is isolated ridge out in the middle of marsh/bog. 1997: stand 4														
93	D2	D2	4	29		0	15	treed bog	nonstocked	N		not scheduled	0	
comnts Fmd : Treed bog/low site index. Stand appears to have been treated with t. sale in the 1970's (stand was timbered in the '64 photos). Soils are Rousseau - Dawson. 1997: stand 10														
94	J5	J2	48	29	5	50	47	jack pine	immature	N		30-39 years	0	
comnts Fmd : T. sale #10-74A, cut in 1975. Component of PB,W, R present. Soils are Rousseau - Dawson. 1997: stand 3														
95	D0	D0	8			0	15	treed bog	nonstocked	N		not scheduled	0	
comnts Fmd : Small jack pine with black spruce and tamarack. Rousseau-Dawson soil complex. 1997: stand 10														
96	D0	D0	92			0	15	treed bog	nonstocked	N		not scheduled	0	
comnts Fmd : Small jack pine with black spruce and tamarack. Rousseau-Dawson soil complex. 1997: stand 10														
97	J5	J2	16	31	7	50	50	jack pine	immature	N		30-39 years	0	
comnts Fmd : Stand lies within the description of timber sale #24-72A. Sale completed in 1974. Small diameter jack pine with some black spruce. Rousseau-Dawson soil complex. 1997: part of stand 3														
98	J5	J2	22	31	8	50	50	jack pine	immature	N		30-39 years	0	
comnts Fmd : Short, small diameter jack pine with some black spruce. Jack pine is young, healthy. Access to the northern portion of the stand could be questionable via the old road bed. Spot-Finch soil complex.														
99	L0	L0	40			0	0	15	lowland brush	nonstocked	N		not scheduled	0
comnts Fmd : Soils listed as Histosols and Aquent. 1997: stand 1														
100	Q4	Q2	7		8	40	30	mixed swamp conifer	low quality	N		not scheduled	0	
comnts Fmd : Very wet, mixed conifer stand. Understory contains a lot of tag alder. Poor quality stand with no access.														

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Stand	Cover Type-Dnsty	Under Story-Stkng Level	Age	A c r e s	avg. D		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B H	Tot. BA								
101	Q5	Q2	32		8	50	30	mixed swamp conifer	unevenaged	N		not scheduled	0	
comnts Fmd : Very wet, mixed conifer stand. Understory contains a lot of tag alder. Poor quality stand with no access.														
102	S6	S2	2	71	8	70	30	black spruce-swamp	immature	N		not scheduled	0	
comnts Fmd : Patches of spruce. Some quality to some of it. Jack pine in surrounding areas was harvested in the late 1960's.														
103	S6	S2	3	71	8	70	30	black spruce-swamp	immature	N		not scheduled	0	
comnts Fmd : Patches of spruce. Some quality to some of it. Jack pine in surrounding areas was harvested in the late 1960's.														
104	Q5	Q2	7		8	50	30	mixed swamp conifer	unevenaged	N		not scheduled	0	
comnts Fmd : Very wet, mixed conifer stand. Understory contains a lot of tag alder. Poor quality stand with no access. 1997: stand 16														
105	A6	F2	10	74	11	70	50	aspen (upland)	two aged	Y		30-39 years	0	
<u>Treatment Limiting Factors:</u> Inferior quality Too wet														
comnts Fmd : Very mixed stand of aspen, red pine, white pine, spruce and white birch. Thick understory. Much of the aspen is dead or dying. Very little quality in the aspen that is still alive. Stand seems to be converting naturally to a pine stand. Long term management objective should be red or white pine. Check the stand in 30 years for possible management when adjacent jack pine stands are ready for harvest. Access is questionable via old road bed. Spot-Finch soil complex. 1997: stand 15														
106	S6	F3	23	85	7	90	30	black spruce-swamp	low quality	Y		10-19 years	0	
<u>Treatment Limiting Factors:</u> Inadequate volume due to small acreage Too wet														
comnts Fmd : Low ground black spruce stand. Southern portion of the stand contains some red pine. Access is questionable due to low ground. Stand meet silvicultural criteria. Harvest limitations are access, small acreage to be cut in relation to the amount of road work needed. Spot-Finch soil complex. 1997: stand 13														
107	R6	F2	16	80	11	110	65	red pine	mature	Y		30-39 years	0	
<u>Treatment Limiting Factors:</u> Too wet														
comnts Fmd : Natural red pine stand to the south of Auger Creek. Ranges from an R6 -R9. Some dieback in the red pine. Pockets of jack pine. Old road bed enters stand from the west. Access for harvest is questionable due to road through low ground. East end of stand was thinned in 1974-75 (sale #03-74). 1997: stand 11,14														
108	S3	S2	4	40		0	30	black spruce-swamp	low quality	N		40-49 years	0	
comnts Fmd : Semi open, low ground black spruce stand. Very wet. Spot-Finch soil complex.														
109	S2	J2	8	29		0	30	black spruce-swamp	immature	N		40-49 years	0	
comnts Fmd : Stand was clearcut in 1974-1975 (#03-74). Stand is a mix of black spruce and jack pine with other miscellaneous species. Spot-Finch soil complex. 1997: stand 12														
110	J5	J2	8	29	5	50	47	jack pine	immature	N		30-39 years	0	
comnts Fmd : T. sale #10-74A, cut in 1975. Component of PB,W, R present. Soils are Rousseau - Dawson. 1997: stand 3														
111	V0	V0	5			0		bog or muskeg	nonstocked	N		not scheduled	0	
comnts Fmd : Oxbow broken off from river channel. Soils are Histosols and Aqents, ponded and/or Tahquamenon peat														

**NEWBERRY FOREST MGT UNIT**

**Stand Level Information**

**Compartment: 117 Entry Year: 2007**

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Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	Acres	avg.			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
				Age	D B H	Tot. BA							
112	V0	V0	2			0	bog or muskeg	nonstocked	N		not scheduled	0	
comnts Fmd : Oxbow broken off from river channel. Soils are Histosols and Aquepts, ponded and/or Tahquamenon peat													
113	N0	N0	996			0	marsh	nonstocked	N		not scheduled	0	
comnts Fmd : Some spruce, tamarack, jack pine and snags present. Ground cover visible included labrador tea, marsh grasses, leatherleaf, and tagalder. Soils are Tahquamenon peat and/or Histosols, Aquepts, and Dawson-Greenwood-Loxley. 1997: stand 2													
<b>Total Acres.....</b>			<b>3980</b>										