

ESCANABA FOREST MGT UNIT

Stand Level Information

Compartment: 92

Entry Year: 2010

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Stand	Cover Type-Size 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	F 3	18	26	7	80	55	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : East side of stand is almost pure aspen, West side contains more fir.														
2	F 5	A 3	2	26	7	60	50	spruce-fir (uplands-including upland black spruce)	immature	N		30-39 years	0	
3	C 6	E 1	441	98	7	70	26	cedar	immature	N		not scheduled	0	
comnts Fmd : Poor quality Cedar. Some areas are heavier to ash, R. maple Mix, others have a mix of spruce and Tamarack. There are high knobs of fir, White birch and R. Maple but they are scattered and would not be feasible to cut. This area is best left alone for wildlife cover. Mix hardwood= B.ash and R. maple, Mix Softwood= T,S, and Fb.														
4	F 5	F 2	6	26	7	60	50	spruce-fir (uplands-including upland black spruce)	immature	N		30-39 years	0	
5	M 6	F 1	4		9	90	55	northern hardwood	unevenaged	N		10-19 years	0	
comnts Fmd : BETTER QUALITY PORTION OF STAND IS MARKED AND INCLUDED WITH GWINN 97-01; REMAINDER SHOULD BE CUT AT SAME TIME. Make a type 2 sale and add to Gwinn's sale if necessary.														
6	F 5	F 1	7	26	6	50	50	spruce-fir (uplands-including upland black spruce)	immature	N		40-49 years	0	
7	L 0	L 0	22		0	0		lowland brush	nonstocked	N		not scheduled	0	
8	C 6	E 2	69	98	7	80	26	cedar	immature	N		not scheduled	0	
9	C 6	Q 1	15	108	7	100	33	cedar	immature	N		not scheduled	0	
10	M 6	F 2	14		8	90	50	northern hardwood	unevenaged	N	selection	within 0-9 years	2	natural regeneration
<u>Treatment Limiting Factors:</u> Blocked by other physical obstacle														
comnts Fmd : Not the best quality, crooked, stunted, yellow birch is dying. Access is tough. Have to go through approx. 1/2 a 40 of Cedar to get to it. If the Gwinn unit is doing a sale to the north it might be possible to cut this. Heavy to balsam in understory.														
Wld : As discussed in pre-review, this stand will only be harvested if access is possible through the Gwinn Forest Management Unit to the north.														
11	L 0	L 0	6		0	0		lowland brush	low quality	N		not scheduled	0	
12	L 0	L 0	2		0	0		lowland brush	low quality	N		not scheduled	0	

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					B	Tot. BA								
13	M6	M1	15		9	120	60	northern hardwood	unevenaged	Y	selection	within 0-9 years	1	natural regeneration
<p>comnts Fmd : Stand was harvested in 1992. Stand can be harvested this treatment period.</p> <p>Wld : A small opening (0.4 acres) located along the perimeter will be delineated into a G-type and planted in cooperation with a sportsmen club if funds and personnel are available. Std 401 will also be planted. Do not use these openings as timber landings if they have a wildlife mix planted during the time of harvest. Concur with FMFMD.</p>														
14	A4	F1	2	24	5	20	55	aspen (upland)	immature	N		40-49 years	0	
15	M6	F3	5	73	9	90	50	northern hardwood	mature	N	thinning	within 0-9 years	1	
<p><u>Treatment Limiting Factors:</u> Blocked by other physical obstacle</p> <p>comnts Fmd : Island of hardwood. W. birch is decling and won't last 10 years. Balsam fir in understory. It is heading toward a fir type. Access is questionable. This stand has some wildlife value, allow stand to mature naturally and it will probably convert to an upland spruce- fir through natural processes.</p> <p>Wld : As discussed in pre-review, this stand will be taken off of prescription due to the lack of access.</p>														
16	M5	F3	6		9	60	55	northern hardwood	unevenaged	N		10-19 years	0	
<p>comnts Fmd : Heavy to hemlock on west side of stand. Heavy understory of fir.</p>														
18	M6	M2	27		10	110	60	northern hardwood	unevenaged	N	selection	within 0-9 years	1	natural regeneration
<p>comnts Fmd : Some pockets of hemlock within stand. This stand could be a good candidate for underplanting of hemlock and pine. Before any planting check soils and Kotar Habitat type to see if feaseable. Wildlife Division will decide if they want to plant this area, if they do they will fill out FTP and consult with FMFM on how to plant.</p> <p>Wld : No cut hemlock. WLD will discuss the possibilities of underplanting this stand after harvest. Two possibilities would be to use a hand crew to plant at 300 trees per acre. Option two would be a smaller project involving 1 to 2 DNR employees planting a total of 1000 to 2000 trees in canopy gaps. There is a hawk nest found in a yellow birch within this stand, appears to be inactive in 2008. WLD will check this stand in the spring of 2010 for hawk activity. Concur with FMFMD.</p>														
19	M6	M1	8		10	120	60	northern hardwood	unevenaged	Y	selection	within 0-9 years	1	natural regeneration
<p>comnts Fmd : FDF BROWSED BY DEER. CUT1992.</p> <p>Wld : Standard selection cut is ok. Concur with FMFMD.</p>														
20	M6	M1	4		9	90	60	northern hardwood	unevenaged	N	thinning	within 0-9 years	1	
<p>comnts Fmd : Treat with stands 18&amp;19. It will be a very light thinning.</p> <p>Wld : Concur with FMFMD.</p>														
21	E6	E1	13	83	7	100	46	swamp hardwoods	mature	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Too wet</p>														
22	A5	F3	15	26	6	50	55	aspen (upland)	immature	N		30-39 years	0	
24	Z0	Z0	2		0	0		water	nonstocked	N		not scheduled	0	

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Stand	Cover Type-Dnsty	Under Story-Stkng Level	Acrs	Age	avg. D		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B	Tot. BA								
26	M 6	M 1	14		9	90	60	northern hardwood	unevenaged	N		10-19 years	0	
<p>comnts Fmd : Fstand was harvested in 1992. BA= 90. There is some maple regeneration in the understory, and some is being browsed by deer</p> <p>Wld : Create a one acre opening in this stand.</p>														
27	A 6	F 2	27	37	8	70	60	aspen (upland)	immature	N		10-19 years	0	
<p>comnts Fmd : Stand should be ready to treat next inventory period.</p> <p>Wld : Create a one acre opening within this stand. The opening will be created in old log landings or roads.</p>														
28	M 6	F 3	12	38	7	90	50	northern hardwood	two aged	N		20-29 years	0	
<p>comnts Fmd : Young stand, Residual M, C, H is older than the Aspen and fir.</p>														
29	M 6	F 2	14	58	7	70	50	northern hardwood	two aged	N		20-29 years	0	
<p>comnts Fmd : Balsam fir and aspen is young, ~ 30 yrs old. Must have been cut in 1970's. Cedar hemlock and hardwoods were left in the residual. No need to treat.</p>														
33	M 6	F 2	5	73	8	80	55	northern hardwood	mature	N		20-29 years	0	
<p><u>Treatment Limiting Factors:</u>                  Too wet                  Inadequate volume due to small acreage</p>														
<p>comnts Fmd : South end contains some aspen and Balsam fir. Quality of hardwoods is not that ggod. Treat when stands to the west and north are treated. Access is about 3-4 chains through the cedar.</p>														
34	M 6	M 1	12		10	80	60	northern hardwood	unevenaged	N		10-19 years	0	
<p>comnts Fmd : Leave it go another 10 yrs. It was cut pretty hard last time around. Some maple regeneration is in the understory.</p>														
35	E 4	L 0	5	88	6	30	46	swamp hardwoods	low quality	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u>                  Inadequate volume due to low stocking/small diameter/etc.</p>														
<p>comnts Fmd : BAD BLACK ASH WILL NEVER AMOUNT TO MUCH. LOTS OF DEAD STANDING CEDAR AND LOWLAND BRUSH. COULD BE CALLED LOWLAND BRUSH(L0).</p>														
36	F 4	F 2	5	26	6	40	50	spruce-fir (uplands-including upland black spruce)	immature	N		30-39 years	0	
38	A 5	F 2	8	26	5	40	50	aspen (upland)	immature	N		30-39 years	0	
<p>Wld : Create two acres of openings within this stand. The openings will be created in old log landings or roads.</p>														
40	F 2	F 1	2	26	0	0	50	spruce-fir (uplands-including upland black spruce)	immature	N		50-59 years	0	
<p>comnts Fmd : Balsam fir and raspberries.</p> <p>Wld : Create two acres of openings within this stand. The openings will be created in old log landings or roads.</p>														

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					B	Tot. BA								
41	P 6	F 2	7	51	8	110	55	balsam poplar & swamp aspen and swamp white birch	mature	Y	final harvest	within 0-9 years	1	
<p>comnts Fmd : CUT WITH STAND 45, Compartment 91. Cedar is heavier in this area, but stand still should be treated. Leave uncut patches of all species (try to leave patches where cedar is heavier. Balsam and white birch are declining. Balm is mature. Stand should convert to "A" or "P". Spruce -fir is acceptable if aspen or balm does not fill in.</p> <p>Wld : As discussed in pre-review, the cedar will be left and every attempts will be made to work around the cedar clumps. Concur with FMFMD.</p>														
42	M 6	M 2	23		10	120	60	northern hardwood	unevenaged	Y	selection	within 0-9 years	1	natural regeneration
<p>Wld : There is a hawk nest found within this stand, along the edge of the U-type. Most likely a goshawk nest. The wildlife tech will assess this stand for hawk activity in the spring of 2010. Concur with FMFMD.</p>														
43	A 4	F 1	1	24	6	40	55	aspen (upland)	immature	N		40-49 years	0	
44	Z 0	Z 0	2			0		water	nonstocked	N		not scheduled	0	
<p>comnts Fmd : "Rapid River"</p>														
45	U 0	U 0	7	4	0	30	55	upland brush	in process of regeneration	N		not scheduled	0	
<p>comnts Fmd : This stand was harvested during the winter of 2004 under contract #33-012-00-01 "Running Bobcat". Mostly a C4-C5 with some hemlock left. Some stump sprouts of red maple, but deer are browsing it. Raspberries are heavy in places. Some balsam fir is filling in.</p>														
46	A 4	A 1	17	19	5	20	50	aspen (upland)	immature	N		40-49 years	0	
<p>Wld : Create two acres of openings within this stand. The openings will be created in old log landings or roads.</p>														
47	F 2	F 1	23	4	0	0	55	spruce-fir (uplands-including upland black spruce)	immature	N		60-69 years	0	
<p>comnts Fmd : This stand was harvested during the winter of 2004 under contract #33-012-00-01 "Running Bobcat". Some of the residual balsam fir may die due to scald. Overall an F2-M1 stand. Some residual cedar and hemlock. Hemlock is in very bad shape (tops are dying). Some thick clumps of balsam fir.</p>														
48	C 6	Q 1	12	108	7	110	34	cedar	immature	N		not scheduled	0	
50	M 6	M 2	7		10	110	57	northern hardwood	unevenaged	N	selection	within 0-9 years	1	natural regeneration
<p>comnts Fmd : CUT 1991</p> <p>Wld : Concur with FMFMD.</p>														
51	M 6	F 2	3		9	90	50	northern hardwood	unevenaged	N	shelterwood-seed	within 0-9 years	1	
<p>Wld : Concur with FMFMD.</p>														
52	L 0	L 0	25		0	0		lowland brush	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Old beaver flooding, lowland brush.</p>														

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53	C 6	Q 2	5	98	7	70	30	cedar	immature	N		not scheduled	0	
54	F 2	U 0	6	23	2	0	55	spruce-fir (uplands-including upland black spruce)	immature	N		60-69 years	0	
comnts Fmd : Harvested in the mid 1980's. Some maple sprouts, balsam fir is patches. Residual hemlock left. Heavy raspberries in areas. Suspect there is more fir regen under the snow than what shows up @ this time.														
55	C 6	Q 1	50	98	7	70	26	cedar	immature	N		not scheduled	0	
56	M 6	M 1	1		9	100	55	northern hardwood	unevenaged	N	selection	within 0-9 years	2	natural regeneration
comnts Fmd : Some single tree and patches of hemlock. This could be a candidate for hemlock, white pine underplanting. Treat with stand 57 of compartment 93 (2012). Regeneration has been browsed by deer. Wld : Concur with FMFMD.														
57	M 6	F 1	2		8	70	55	northern hardwood	unevenaged	N		20-29 years	0	
comnts Fmd :														
58	L 0	L 0	5		0	0		lowland brush	low quality	N		not scheduled	0	
59	Z 0	Z 0	1		0	0		water	nonstocked	N		not scheduled	0	
comnts Fmd : Beaver Pond														
60	C 6	Q 2	23	100	7	100	28	cedar	immature	N		not scheduled	0	
61	L 0	L 0	7		0	0		lowland brush	nonstocked	N		not scheduled	0	
62	E 5	L 0	15	83	6	50	46	swamp hardwoods	low quality	Y		30-39 years	0	
<u>Treatment Limiting Factors:</u> Inadequate volume due to low stocking/small diameter/etc. Too wet														
comnts Fmd : POOR-MAINLY BLACK ASH. POCKETS OF DEAD TIMBER.														
63	A 4	L 0	11	26	5	30	50	aspen (upland)	immature	N		50-59 years	0	
comnts Fmd : Stand was harvested in 1980's. Aspen and fir on the upland portions, lowland brush with scattered black ash on the lowland areas. South tip of stand is heavier to spruce-fir. Wld : Create three acres of openings within this stand. The openings will be created in old log landings or roads.														
64	M 6	M 2	6		10	120	60	northern hardwood	unevenaged	Y	selection	within 0-9 years	1	natural regeneration
comnts Fmd : CUT 1985. LOST DRAY SALE. Wld : Concur with FMFMD.														

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65	A 5	F 1	15	23	6	40	55	aspen (upland)	immature	N		30-39 years	0	
66	E 6	F 1	15	88	8	90	55	swamp hardwoods	old growth (potential or actual)	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u>                      Potential or designated old growth                      Water quality/bmps</p> <p>comnts Fmd : Stand located along the Rapid River. Agreed with wildlife division to include as SCA. SCA- Rapid River riparian corridor.</p>														
67	A 5	F 1	7	23	5	40	55	aspen (upland)	immature	N		30-39 years	0	
68	U 0	U 0	3	23	0	0	55	upland brush	nonstocked	N		not scheduled	0	
<p>Wld : Willows in the lower spots. Around perimeter, it is U-type with raspberry, some thistle, mixed forbs, and cherry.</p>														
69	U 0	U 0	1	23	0	0	55	upland brush	nonstocked	N		not scheduled	0	
70	E 5	L 0	8	78	7	50	47	swamp hardwoods	low quality	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u>                      Inadequate volume due to low stocking/small diameter/etc.</p>														
71	M 6	M 1	15		10	110	58	northern hardwood	unevenaged	N	selection	within 0-9 years	1	natural regeneration
<p>comnts Fmd : CUT 1985. Some drainages throughout stand, stay out of these areas. Mark the highground.                      Wld : Concur with FMFMD.</p>														
72	A 3	A 3	2	10	2	0	60	aspen (upland)	immature	N		40-49 years	0	
<p>comnts Fmd : Stand harvested in 1998.</p>														
73	U 0	U 0	2		0	0	57	upland brush	nonstocked	N		not scheduled	0	
<p>Wld : Seasonally wet. High and low spots. Low spots - willow/alder. High spots - strawberry, grasses, mixed forbs, thistle. Deer beds within this stand.</p>														
74	C 6	X 0	48	148	7	120	35	cedar	old growth (potential or actual)	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u>                      Potential or designated old growth</p> <p>comnts Fmd : SCA- Rapid River riparian corridor.</p>														
75	L 0	L 0	1		0	0		lowland brush	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : SCA- Rapid River riparian corridor.</p>														
76	A 4	F 1	2	17	5	10	55	aspen (upland)	immature	N		40-49 years	0	
<p>comnts Fmd : Stand was treated in 1991. Stand was treated with stands from adjacent compartment and is a A4 stand. Stand was looked at in 2006 when compartment 91 was inventoried.</p>														

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77	E 6	F 1	11		8	70	55	swamp hardwoods	old growth (potential or actual)	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Potential or designated old growth</p> <p>comnts Fmd : SCA-RAPID RIVER riparian corridor.</p>														
400	G 0	G 0	1			0		grass	old growth (potential or actual)	N		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Potential or designated old growth</p> <p>comnts Fmd : SCA- Rapid River Riparian corridor.</p>														
401	G 0	G 0	1			0		grass	nonstocked	N		within 0-9 years	0	opening maintenance
<p>Wld : GIS approximately 0.6 acres. As a cooperative project with a local sportsmen club, this opening will be planted into a wildlife mix if funds and personnel are available. The two track will also be planted that connects this opening to a 0.5 acre opening that will be delineated out and planted also.</p>														
402	G 0	G 0	1			0		grass	nonstocked	N		not scheduled	0	
<p>Wld : Poverty grass. Sandy/clayish soils.</p>														
403	G 0	G 0	1			0		grass	nonstocked	N		not scheduled	0	
<p>Wld : Old food plot. Mostly grasses. Clumps of birdsfoot trefoil, ox-eyed daisies, trace of clover.</p>														
404	G 0	G 0	3			0		grass	nonstocked	N		not scheduled	0	
<p>Wld : Old food plot. Grasses, birdsfoot trefoil, goldenrod?, thistle.</p>														
405	G 0	G 0	2			0		grass	nonstocked	N		not scheduled	0	
<p>Wld : Believed to be planted into a rye field by private landowner. Old disk and drag located in southeast corner. FMFMD will be contacting this individual.</p>														
406	G 0	G 0	1			0		grass	nonstocked	N		not scheduled	0	
<p>Wld : Thistle, goldenrod?, hawkweed, ox-eyed daisies.</p>														
407	G 0	G 0	1			0		grass	nonstocked	N		within 0-9 years	0	opening maintenance
<p>Wld :</p>														
<p><b>Total Acres..... 1207</b></p>														