

ESCANABA FOREST MGT UNIT

Stand Level Information

Compartment: 81

Entry Year: 2011

* 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. D		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B	Tot. BA								
1	P3	F1	28	12	2	10	50	balsam poplar & swamp aspen and swamp white birch	immature	N		50-59 years	0	
comnts Fmd : Stand was cut under contract 38-93-01 Lannaville Camp Sale. Some residual cedar left but Aspen and Balm regeneration well. 09'- Lost some of the residual cedar due to wind, aspen and balm are mixed throughout.														
2	C6	F1	52	123	8	130	40	cedar	mature	N		40-49 years	0	
comnts Fmd : Heavy to cedar, approx. 76% of the total basal area is cedar.														
3	H6	F1	7	102	8	150	48	hemlock	immature	N		10-19 years	0	
comnts Fmd : Small island of hemlock.														
4	P5	F1	2	39	6	40	50	balsam poplar & swamp aspen and swamp white birch	immature	N		40-49 years	0	
5	W3	F3	5	17	3	0	55	white pine	immature	N		40-49 years	0	
comnts Fmd : Stand was cut about 5-10 years ago. Look up in sale completion report. Coming back to Fb and white pine. 2009- Excellent mix of Wp, Fb, H, and C regeneration. Wp=10', Fb=15', H=5', C=3-4' tall.														
6	H6	F1	2	102	8	80	48	hemlock	two aged	N		10-19 years	0	
comnts Fmd : Stand cut in 1992 under contract #54-88-01 Petrin Blind Bock Sale. Some white pine and hemlock regeneration along with Fb. 2009- Wp3, Fb3, H1 Canopy gaps are filling in nicely with mix of spp. Lots of hemlock and pine.														
7	P5	F2	5	33	5	40	50	balsam poplar & swamp aspen and swamp white birch	immature	N		40-49 years	0	
comnts Fmd : Looks like it was cut in early 80's. 2009 Mix of P, Rm and Fb.														
8	C6	F1	12	119	11	80	40	mixed swamp conifer	immature	N		20-29 years	0	
comnts Fmd : Treated in winter of 2004, contract# 12-01-01. Most of the mature birch and harwood was cut. Cedar was left. 2009- Lots of cedar blowdown. Scattered pockets of Wp, Fb and Rm regenerating in areas.														
9	C6	F1	60	119	6	130	26	cedar	immature	N		40-49 years	0	
comnts Fmd : Heavy to cedar and not the best quality. Cedar BA= 84%.														
10	C5	P3	27	120	8	60	40	cedar	immature	N		20-29 years	0	
comnts Fmd : Areas of Fb, A, and Balm, but predominately a C5 stand. Stand was cut in 1991 Makosky Road Balm Sale. 2009- Stand is P4, F3, C2 Residual cedar in stand is approx 40BA. Cedar regen varies from 6"- 3'.														
11	C6	F1	16	104	7	190	40	cedar	immature	N		50-59 years	0	
comnts Fmd : Aspen is falling apart - too much cedar to schedule cut - leave it alone. 2009- Cedar is approx 87% of the total BA of the stand.														
12	C6	F1	16	89	10	90	50	mixed swamp conifer	immature	N		20-29 years	0	
comnts Fmd : Treated in 2004, contract # 12-01-01. Mature timber was removed (white birch, red maple, balm, balsam fir). Some White birch, Red maple and yellow birch was left along with cedar. 2009-Residual BA of cedar is 50. Fb and Wp are filling in in the large gaps some Rm can also be found.														

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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 H	Tot. BA								
13	P 5	X 0	5	34	5	50	40	balsam poplar & swamp aspen and swamp white birch	immature	N		50-59 years	0	
comnts Fmd : Stand was cut in 1975. Mix of regeneration, P, Rm, Wb, and Fb. There is even some cedar 3-4" in height in some places.														
14	C 6	F 1	13	109	7	150	35	cedar	immature	N		not scheduled	0	
comnts Fmd : Heavy to cedar, east of sale area. Hemlock is also mixed in stand.														
15	H 6	F 1	7	109	8	130	52	hemlock	high risk	N		10-19 years	0	
<u>Treatment Limiting Factors:</u> Cedar or Hemlock cutting restraints														
comnts Fmd : This stand had been put up as a sale but was never cut - would have to remark it and also remove hemlock - intolerants and pine should come out of stand. Wildlife division has requested to hold this stand for this treatment period														
16	R 8	F 2	4	109	10	40	56	red pine	in process of regeneration	Y		20-29 years	0	
<u>Treatment Limiting Factors:</u> Retention of stand for regeneration purposes (ie. shelterwood)														
comnts Fmd : Treated in winter of 2004, contract 12-01-01. Red and white pine were marked and mature aspen and balsam fir was removed. 2009- Mix of Fb and Wp coming in the understory.														
17	W 7	F 3	6	109	12	30	56	white pine	two aged	Y		50-59 years	0	
<u>Treatment Limiting Factors:</u> Inadequate volume due to small acreage Retention of stand for regeneration purposes (ie. shelterwood)														
comnts Fmd : Lots of balsam and white pine regeneration - scattered clumps of pine, would do a lot of damage to regeneration - leave it alone.														
18	P 4	F 3	28	27	5	30	55	balsam poplar & swamp aspen and swamp white birch	immature	N		40-49 years	0	
comnts Fmd : P3 - clse to a P4 avg. diameter is 3" - lots of balsam in understory. 2009- P4-P5 Cut in 1983 under contract 33-042-80-01. Fully stocked stand.														
19	W 3	F 3	4	17	3	0	45	white pine	immature	N		50-59 years	0	
comnts Fmd : Area was harvested in 1992, Petrin blind sale. Open areas are filling in with Wp and Fb. Some hemlock is also in the understory 3-6" .														
20	F 4	F 3	10	36	5	40	50	spruce-fir (uplands-including upland black spruce)	immature	N		40-49 years	0	
comnts Fmd : W3, P3, F3														
21	W 7	F 2	10	104	12	20	50	white pine	in process of regeneration	Y		10-19 years	0	
<u>Treatment Limiting Factors:</u> Retention of stand for regeneration purposes (ie. shelterwood)														
comnts Fmd : Treated in 2004, contract 12-01-01. Stand was marked and most of the pine was cut to open up the stand to encourage the white pine regeneration already in the stand understory to grow and also to get more regeneration. 2009- mix of Wp and Fb is filling in.														
22	F 4	W 2	2	30	5	20	50	spruce-fir (uplands-including upland black spruce)	immature	N		50-59 years	0	
comnts Fmd : W3- F3														

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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								
23	H6	F 1	10	134	11	200	45	hemlock	immature	N		10-19 years	0	
<p><u>Treatment Limiting Factors:</u> Cedar or Hemlock cutting restraints</p> <p>comnts Fmd : Remove intolerants - mark hemlock so logger can move around. Wildlife division has requested that this stand be held for this treatment period. 2009- stand was held.</p>														
24	M5	F 2	4	69	8	40	46	spruce-fir (uplands- including upland black spruce)	in process of regeneration	N		20-29 years	0	
<p><u>Treatment Limiting Factors:</u> Retention of stand for regeneration purposes (ie. shelterwood)</p> <p>comnts Fmd : High ridge above E6 to the south with hemlock to the north. Stand was treated in winter of 2004, sale 014-01-01. White Birch and hardwood was cut on a diameter limit. Aspen and balm were removed from stand and Spruce and balsam fir was cut on a stick limit. Scarify to encourage MO of (F). Stand was scarified and is starting to fill in naturally.</p>														
25	C4	Q 2	4	109	5	30	30	cedar	immature	N		not scheduled	0	
<p>comnts Fmd : Just north of bog, small low quality cedar.</p>														
26	Z0	Z 0	1					water	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Pond</p>														
27	L0	X 0	2					lowland brush	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Lowland bog along the road.</p>														
28	E5	F 2	8	33	4	50	50	swamp hardwoods	immature	N		20-29 years	0	
<p>comnts Fmd : Young Balm, Balsam, W. Birch, Red Maple, and Cedar. Mixture of low and high ground.</p>														
29	C6	F 2	4	119	7	120	28	cedar	immature	N		not scheduled	0	
<p>comnts Fmd : Small cedar - red maple, white birch, black ash mix throughout the stand.</p>														
30	E5	F 1	8	19	7	50	35	swamp hardwoods	immature	N		30-39 years	0	
<p>comnts Fmd : Low quality - wet.</p>														
31	M5	F 1	20	5	8	60	50	northern hardwood	in process of regeneration	N		20-29 years	0	
<p>comnts Fmd : Cut high ground areas, stay out of black ash drainage areas,leave 10' buffer along them - balsam fir regeneration - should be able to convert to F. Balsam Fir is overmature. Maintain diversity- diameter limit (maintain 30 sq ft. of maple, birch) leave cedar, hemlock, yellow birch. 2009- Stand cut in winter of 2004, Contract# 330140101. Stand is coming back to A, Rm, Fb. Residual timber includes Rm Wb Fb.</p>														
32	A5	F 1	23	33	5	40	50	aspen (upland)	immature	N		40-49 years	0	
<p>comnts Fmd : A3, P3, F1</p>														
33	W5	F 1	2	33	5	40	50	white pine	immature	N		50-59 years	0	
<p>comnts Fmd : W5</p>														
34	C6	F 1	9	99	9	90	40	cedar	immature	N		20-29 years	0	

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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
35	R 9	W 3	25	109	12	70	55	red pine	mature	Y	shelterwood-seed	within 0-9 years	1	
comnts Fmd : Nighthawk Ridge - Treated fall of 2003. Sale # 14-01-01. Stand was marked and selectively harvested. Good regeneration of pine already established. Long term plan is to regenerate this stand to Red pine. Stand is currently filling in with white pine and some hemlock. Thin stand down to BA =50 to encourage red pine regeneration. Let stand regenerate to red pine and then harvest the rest of the red pine.														
36	E 5	F 2	6		7	70	55	swamp hardwoods	unevenaged	Y		10-19 years	0	
<u>Treatment Limiting Factors:</u> Inadequate volume due to low stocking/small diameter/etc.														
comnts Fmd : F2 in understory probably would convert to F easily. A lot more cedar and merchantable fir as you head to the east. Can leave for another 10 years.														
37	P 6	F 2	7	40	7	70	50	balsam poplar & swamp aspen and swamp white birch	immature	N		20-29 years	0	
comnts Fmd : Area was cut back in the late 1960's - choppers choice. Ave. diameter 3-4" - bordering P3 -P4. 2009- Stand is a P6, still to young to harvest. Harvest when stand 48 is treated.														
38	C 6	L 0	10	19	7	160	30	cedar	immature	N		not scheduled	0	
comnts Fmd : Heavy to cedar, especially in the north part of the stand. South portion contains more short lived spp., but majority of stand is cedar.														
39	P 6	F 1	14	41	7	70	50	balsam poplar & swamp aspen and swamp white birch	immature	N		20-29 years	0	
comnts Fmd : SOME OF STAND CUT IN 1979														
40	E 5	F 1	3	69	7	60	46	swamp hardwoods	immature	N		10-19 years	0	
comnts Fmd : Stand use to be a C6 stand. That stand was lumped with stand 44. This stand is an black and green ash stand that has a small steam that runs through it and was left as a buffer when the sale was put up.														
41	P 5	X 0	3	30	6	50	50	balsam poplar & swamp aspen and swamp white birch	immature	N		20-29 years	0	
42	A 3	F 1	16	5	0	0	50	aspen (upland)	immature	N		50-59 years	0	
comnts Fmd : Stand was cut in winter of 2004, contract # 13-01-01, South Lake Block sale. 2009- fully stocked A3.														
43	C 6	F 1	74	119	11	150	35	cedar	immature	N		40-49 years	0	
comnts Fmd : HEAVY TO CEDAR. NICE CEDAR, LOTS OF BOLT MATERIAL. 2009 larger diameter timber than stand to the west.														
44	Q 5	P 2	45	5	9	40	45	mixed swamp conifer	in process of regeneration	N		40-49 years	0	
comnts Fmd : Stand was cut in winter of 2004, under permit # 13-01-01. Stands 40 and 41 were added to this stand. Residual cedar was left stand should have a P3 /A3 understory. 2009- Stand is filling in with P, A and F.														
45	T 4	L 0	8	119	8	30	40	tamarack	mature	Y		30-39 years	0	
<u>Treatment Limiting Factors:</u> Inadequate volume due to small acreage														
comnts Fmd : LOWLAND BRUSH, TAG ALDER AND RED OISER DOGWOOD IN THE UNDERSTORY.														

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					D	B								
46	H 6	H 2	5	104	10	80	46	hemlock	mature	N		10-19 years	0	
comnts Fmd : THINNED IN 1989 AND BURNED IN 1994, SOME AREAS OF GOOD HEMLOCK AND WHITE PINE REGENERATION. STAND SHOULD BE OPENED UP TO RELEASE THE REGENERATION. OPENIT UP TO GET 50% CROWN COVER. SHOULD BE HARVESTED IN SUMMER TO ALLOW FOR SCARIFICATION. FOLLOW UP ANOTHER HARVEST WHEN REGENERATION BECOMES ESTABLISHED. DECIDED AT MINI-REVIEW TO SCARIFY THIS TREATMENT PERIOD, THEN CUT HALF OF STAND AND LEAVE HALF AND MONITOR WHAT IS GOING ON IN THIS STAND														
47	W 3	H 1	2	17	3	0	50	white pine	immature	N		60-69 years	0	
comnts Fmd : Fully stocked stand of Wp and hemlock. Some hemlock 5-6 tall. Stand was harvested in 1990 under contrac 330018801, Holly Hemlock sale														
48	E 6	F 2	48	99	8	90	46	swamp hardwoods	mature	Y		10-19 years	0	
<u>Treatment Limiting Factors:</u> Delayed treatment for age/size class diversity comnts Fmd : Can wait 10 years.														
49	M 6	F 1	15		9	110	56	northern hardwood	old growth (potential or actual)	N		not scheduled	0	
<u>Treatment Limiting Factors:</u> Potential or designated old growth comnts Fmd : SCA-Mature woodland along a riparian corridor.														
50	E 6	X 0	3	109	7	80	38	swamp hardwoods	old growth (potential or actual)	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u> Potential or designated old growth comnts Fmd : SCA- Mature woodlands along a riparian corridor.														
51	L 0	X 0	4	109		0	25	lowland brush	nonstocked	N		not scheduled	0	
52	H 6	W 2	11	109	9	100	45	hemlock	mature	N	shelterwood-prep	within 0-9 years	1	natural regeneration
comnts Fmd : JUST THINNED 1990. SCARIFY FOR HEMLOCK. GOOD WHITE PINE AND HEMLOCK REGENERATION. SHOULD OPEN UP THE CROWN CLOSURE TO RELEASE THE REGENERATION IN 10 YEARS IF SCARIFICATION WORKS. CUT HALF OF THE STAND AND LEAVE HALF, MONITOR WHATS GOING ON IN THIS STAND. 2009-Split stand this is on north side of road. Did not do scarification. Regen should be released. Lots of white pine regen 5-7' tall, hemlock is 3-5' tall. Lots of hemlock 2-6" on the ground. Release areas where regen is good, enlarge the gaps and open up the stand to allow smaller hemlock regen to be released.														
53	F 5	X 0	11	20	5	50	50	spruce-fir (uplands-including upland black spruce)	immature	N		50-59 years	0	
comnts Fmd : Residual white pine and red pine log sized trees left (W7,R7) Fb, Wp, Rp, and H1 in the understory. Regenerating to a mix upland conifer stand.														
54	C 6	F 1	11	116	8	180	35	cedar	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : SCA-Mature woodland habitat along riparian corridor. Heavy to cedar with black ash and red maple, balsam fir. Lowland brush area near road.														

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					B	Tot. BA								
55	P3	F1	16	5	0	40	50	balsam poplar & swamp aspen and swamp white birch	immature	N		50-59 years	0	
<p><u>Treatment Limiting Factors:</u> Retention of stand for regeneration purposes (ie. shelterwood)</p> <p>comnts Fmd : Treated in 2004, contract # 14-01-01. Mature aspen, white birch, balm & hardwood was cut. Residual cedar, hemlock, black ash and yellow birch was left. Let this go for a few years to see what comes in naturally. Scarify if needed in future to encourage regeneration of Q type. 2009- Stand is filling in with balm, red maple and Fb. Residual cedar and hemlock patches were left.</p>														
56	A5	F1	8	36	5	40	50	aspen (upland)	immature	N		40-49 years	0	
<p>comnts Fmd : Stand cut in 1973. Aspen, balm.</p>														
57	W8	W3	3	104	12	70	50	white pine	immature	Y	thinning	within 0-9 years	1	
<p>comnts Fmd :</p>														
58	W8	A3	27	104	12	40	56	white pine	immature	Y		30-39 years	0	
<p><u>Treatment Limiting Factors:</u> Retention of stand for regeneration purposes (ie. shelterwood)</p> <p>comnts Fmd : MORE PINE THAN THE STAND NORTH OF IT. CUT IN 1990 "VANENKENVORT ASPEN BLOCK SALE". 2009- Aspen and Wp regen. Could remove the heavier areas of pine to release the regen but would also have to protect the regen that has established itself.</p>														
59	R9	W2	12	99	12	80	55	red pine	mature	Y		50-59 years	0	
<p><u>Treatment Limiting Factors:</u> Retention of stand for regeneration purposes (ie. shelterwood)</p> <p>comnts Fmd : STAND CUT UNDER PERMIT 38-91-1, BROKENCHAIN PINE SALE. SALE WAS COMPLETED IN 1993. 2009- harvest areas of heavier pine stay out of areas of good regen. Create gaps that will allow the red pine to seed in. Regen from past practice is A, Fb and Wp.</p>														
60	R6	W2	9	79	8	130	65	red pine	immature	Y	thinning	within 0-9 years	1	
<p>comnts Fmd : STAND CUT UNDER PERMIT 38-91-1, BROKEN CHAIN PINE SALE", CUT IN 1993</p>														
61	E4	L0	5	79	6	20	46	swamp hardwoods	immature	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Inadequate volume due to low stocking/small diameter/etc. Too wet</p> <p>comnts Fmd : RED MAPLE, BLACK ASH AND LOWLAND BRUSH.</p>														
62	C6	S1	3	109	7	130	35	cedar	immature	N		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Inadequate volume due to low stocking/small diameter/etc.</p>														
63	E6	F1	3	79	8	90	46	swamp hardwoods	immature	Y		10-19 years	0	
<p><u>Treatment Limiting Factors:</u> Too wet Cedar or Hemlock cutting restraints</p> <p>comnts Fmd : COULD CUT, SMALL DIAMETER RED MAPLE, WHITE BIRCH, BALSAM FIR. LET IT GO ANOTHER TEN YEARS. WOULD NEED CEDAR SPEC. 2009- Mix of cedar and lowland hdwd.</p>														
64	F4	L0	5	35	6	40	50	spruce-fir (uplands-including upland black spruce)	immature	N		40-49 years	0	
<p>comnts Fmd : MIXTURE OF HIGHLAND AND LOWLAND. HIGHLAND CONTAINS HEMLOCK, REDMAPLE, AND WHITE BIRCH, LOWLAND CONTAINS REDMAPLE, CEDAR, AND BALSAM FIR.</p>														

ESCANABA FOREST MGT UNIT

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Compartment: 81

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					B H	Tot. BA								
66	E 4	F 1	7	75	5	20	40	swamp hardwoods	immature	N		not scheduled	0	
comnts Fmd : WET AREA, BLACK ASH, BALSAM FIR														
67	C 4	X 0	10	86	4	20	20	cedar	immature	N		not scheduled	0	
comnts Fmd : SMALL STUNTED CEDAR, CROOKED, POOR QUALITY.														
68	A 5	F 1	19	26	5	40	50	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : STAND WAS CUT IN 1983, " OLD COBWEB BLOCK SALE" CLOSE TO BECOMING AN A5 STAND.														
69	E 4	F 1	26	75	5	30	40	swamp hardwoods	immature	N		60-69 years	0	
70	E 5	F 1	3	75	5	50	40	swamp hardwoods	immature	N		60-69 years	0	
<u>Treatment Limiting Factors:</u> Inadequate volume due to low stocking/small diameter/etc. Too wet														
71	E 5	F 1	4	75	7	70	50	swamp hardwoods	immature	N		10-19 years	0	
comnts Fmd : Low ground, wet, mix of spp.. To small to put up by itself.														
72	W 9	F 3	2	95	12	80	50	white pine	immature	N		20-29 years	0	
comnts Fmd : Pine ridge, Makosky Rd. runs through it.														
73	P 4	F 2	6	34	5	30	50	balsam poplar & swamp aspen and swamp white birch	immature	N		40-49 years	0	
comnts Fmd : P3,M2,B2,F2, STRIPS WERE CUT IN 1975, QUITE A MIX OF REGENERATION. THERE IS EVEN SOME CEDAR 3-4" IN HIEGHT IN SOME AREA'S														
78	E 6	F 1	13	74	7	80	50	swamp hardwoods	mature	N		20-29 years	0	
<u>Treatment Limiting Factors:</u> Too wet Water quality/bmps														
comnts Fmd : Stand was broken out when Night hawk Ridge sale was put up. This ground is lower and wetter than the area that was cut. Mostly black ash drainage.														
79	M 5	F 1	9	5	8	60	50	northern hardwood	in process of regeneration	N		20-29 years	0	
comnts Fmd : Cut high ground areas, stay out of black ash drainage areas,leave 10' buffer along them - balsam fir regeneration - should be able to convert to F. Balsam Fir is overmature. Maintain diversity- diameter limit (maintain 30 sq ft. of maple, birch) leave cedar, hemlock, yellow birch. 2009- Stand cut in winter of 2004, Contract# 330140101. Stand is coming back to A, Rm, Fb. Residual timber includes Rm Wb Fb.														
80	H 6	F 1	2	95	8	140	50	hemlock	immature	N		30-39 years	0	
comnts Fmd :														
81	F 5	F 3	16	33	5	60	50	spruce-fir (uplands-including upland black spruce)	immature	N		40-49 years	0	
comnts Fmd : Cut in 1976. Fb, Wp, and A have filled in, More mixed conifer than aspen.														

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					B	Tot. BA								
82	W4	F3	2	19	5	20	50	white pine	immature	N		50-59 years	0	
comnts Fmd : Was an opening, but it has filled in.														
83	W4	F3	7	19	5	20	50	white pine	immature	N		50-59 years	0	
comnts Fmd : Was an opening, but it has filled in.														
84	M6	F1	4		9	110	56	northern hardwood	old growth (potential or actual)	N		not scheduled	0	
<u>Treatment Limiting Factors:</u> Potential or designated old growth														
comnts Fmd : SCA-Mature woodland along a riparian corridor.														
85	H6	F1	2	104	9	190	48	hemlock	old growth (potential or actual)	N		not scheduled	0	
<u>Treatment Limiting Factors:</u> Potential or designated old growth														
comnts Fmd : SCA- Mature woodland habitat along a riparian corridor.														
86	A4	W3	4	19	5	20	50	white pine	immature	N		30-39 years	0	
comnts Fmd : Treated in the early 90's, coming back to Wp, A, Rm, Fb.														
87	C6	F1	2	109	9	100	40	cedar	immature	N		10-19 years	0	
comnts Fmd : MAINLY THE CEDAR, MORE CEDAR THAN ANYTHING ELSE.														
88	R9	F3	4	95	12	100	55	red pine	immature	Y	shelterwood-seed	within 0-9 years	1	
comnts Fmd : Nice red pine along road.														
89	H6	W2	3	109	9	100	45	hemlock	mature	N		10-19 years	0	
comnts Fmd : JUST THINNED 1990. SCARIFY FOR HEMLOCK. GOOD WHITE PINE AND HEMLOCK REGENERATION. SHOULD OPEN UP THE CROWN CLOSURE TO RELEASE THE REGENERATION IN 10 YEARS IF SCARIFICATION WORKS. CUT HALF OF THE STAND AND LEAVE HALF, MONITOR WHATS GOING ON IN THIS STAND. 2009-Split stand this is on north side of road. Did not do scarification. Regen should be released. Lots of white pine regen 5-7' tall, hemlock is 3-5' tall. Lots of hemlock 2-6" on the ground. Release areas where regen is good, enlarge the gaps and open up the stand to allow smaller hemlock regen to be released.														
90	A3	W3	3	19	3	0	55	aspen (upland)	immature	N		40-49 years	0	
comnts Fmd : Treated in early 90's. filling in with A, Wp, and Fb. Some residual R. pine.														
91	Q6	F2	1	5	10	70	50	mixed swamp conifer	immature	N		40-49 years	0	
comnts Fmd : Stand was treated in 2004, contract 12-01-01. Mature intolerants were removed (m,Wb, Fb, Ab & A). Hemlock, cedar,and white pine were left. Some white birch was also left for wildlife concerns.														
92	Q6	F2	1	5	10	70	50	mixed swamp conifer	immature	N		40-49 years	0	
comnts Fmd : Stand was treated in 2004, contract 12-01-01. Mature intolerants were removed (m,Wb, Fb, Ab & A). Hemlock, cedar,and white pine were left. Some white birch was also left for wildlife concerns.														

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Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	A c r e s	Age	avg. D B H	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
93	Q6	F2	1	5	10	70	50	mixed swamp conifer	immature	N		40-49 years	0	
comnts Fmd : Stand was treated in 2004, contract 12-01-01. Mature intolerants were removed (m,Wb, Fb, Ab & A). Hemlock, cedar,and white pine were left. Some white birch was also left for wildlife concerns.														
94	Q6	F2	1	5	10	70	50	mixed swamp conifer	immature	N		40-49 years	0	
comnts Fmd : Stand was treated in 2004, contract 12-01-01. Mature intolerants were removed (m,Wb, Fb, Ab & A). Hemlock, cedar,and white pine were left. Some white birch was also left for wildlife concerns.														
95	R7	R2	2	104	11	10	56	red pine	in process of regeneration	Y		60-69 years	0	
<u>Treatment Limiting Factors:</u> Retention of stand for regeneration purposes (ie. shelterwood)														
comnts Fmd : Treated in 2004 contract 14-01-01. Some red pine was left for seed trees. This stand should be scarified to encourage regeneration of the pine. Stand was scarified FTP 33-566, stand is not filling in.														
96	R8	F1	3	95	11	40	50	red pine	immature	Y		20-29 years	0	
<u>Treatment Limiting Factors:</u> Retention of stand for regeneration purposes (ie. shelterwood)														
comnts Fmd : Treated in 2004, Nighthawk ridge sale. Stand is filling in with Fb and Wp.														
97	E6	F2	17	69	8	110	48	swamp hardwoods	mature	N		10-19 years	0	
comnts Fmd :														
98	C6	F2	4	99	7	90	40	cedar	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : SCA- Mature woodland habitat along a riparian corridor.														
99	E6	F1	19	69	8	80	50	swamp hardwoods	old growth (potential or actual)	N		10-19 years	0	
comnts Fmd : SCA- Mature woodland habitat along riparian corridor.														
100	R9	F1	1	113	12	70	55	red pine	mature	Y		10-19 years	0	
<u>Treatment Limiting Factors:</u> Retention of stand for regeneration purposes (ie. shelterwood)														
comnts Fmd : NORTH ASPECT OF RIDGE IS "R", SOUTH ASPECT "A". CUT AND LEAVE SOME RED PINE AND WHITE PINE FOR SEED TREES. SMALL JOB FOR A SMALL LOGGER, OTHERWISE DON'T CUT IT.														
101	C6	F3	11	89	7	120	40	cedar	immature	N		10-19 years	0	
comnts Fmd : Stand contains more cedar than the surrounding stand, Cedar makes up 66% of stand BA.														
102	L0	X0	1	109		0	25	lowland brush	nonstocked	N		not scheduled	0	
103	C6	X0	13	109	7	110	25	cedar	old growth (potential or actual)	N		40-49 years	0	
comnts Fmd : Was part of stand 36. Broke out because it contains more cedar than the stand to the east (36).														

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Stand	Cover Type-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
104	L 0	X 0	1	109		0	25	lowland brush	nonstocked	N		not scheduled	0	
105	L 0	X 0	4	109		0	25	lowland brush	nonstocked	N		not scheduled	0	
106	R 6	W 2	8	89	11	90	55	red pine	immature	Y	shelterwood-prep	within 0-9 years	1	
comnts Fmd : Was stand 114, Mark the red pine, Create canopy gaps big enough to have stand regenerate to red pine.														
107	E 5	F 1	4	116	8	50	35	swamp hardwoods	immature	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u> Inadequate volume due to low stocking/small diameter/etc.														
108	W 3	A 3	4	16	3	0	55	white pine	immature	N		60-69 years	0	
comnts Fmd : Stand was treated in 1993, Broken chain sale. Filling in with Wp, A, Fb, Rm. Residual Rp and Wp were left.														
109	C 6	F 1	9	95	7	70	35	cedar	immature	N		not scheduled	0	
110	F 5	L 0	4	29	5	60	50	spruce-fir (uplands-including upland black spruce)	immature	N		30-39 years	0	
111	B 5	W 3	4	69	8	60	50	spruce-fir (uplands-including upland black spruce)	immature	Y		10-19 years	0	
<u>Treatment Limiting Factors:</u> Retention of stand for regeneration purposes (ie. shelterwood)														
comnts Fmd : Cut in winter of 2004, Contract 33120101. Some Wb, Fb, Fs, and pocets of hemlock and Cedar were left. Stand was scarified with a dozer. Stand is fully stocked in areas that were scarified and only filling with scattered Fb and upland brush in areas that were not scarified.														
112	A 4	F 1	19	18	5	40	50	aspen (upland)	immature	N		40-49 years	0	
comnts Fmd : Predominately Aspen with some balm and Fir areas. Scattered hemlock, cedar, and pine. Was cut in 1991 Makosky road balm sale.														
113	A 4	F 1	5	18	5	40	50	aspen (upland)	immature	N		40-49 years	0	
comnts Fmd : Treated in 1991, Makosky Road Balm sale. Predominately sopen and balm very little residual cedar left standing.														
114	H 6	H 1	8	95	9	90	45	hemlock	nonstocked	N		10-19 years	0	
comnts Fmd : Stand was stand 136. jStand was never scarified and the hemlock regen is scatered and near the edges 3-5" in hieght. Stand should be opened up to advance established regen and encourage new regen.														
115	H 6	F 1	3	95	8	80	50	hemlock	two aged	N		10-19 years	0	
comnts Fmd : Was part of stand 6, broken out due to mapping, Was treated under contract 33548801, Petrin blind block Sale. Still a predominately a hemlock type. Some hemlock and white pine is encroaching in from edges where stand was opened up, regen is 3-5" in hieght.														

ESCANABA FOREST MGT UNIT

Stand Level Information

Compartment: 81

Entry Year: 2011

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Stand	Cover Type-Dnsty	Under Story-Stkng Level	Acres	Age	avg.			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					D	B	Tot. BA							
116	W8	H2	14	95	12	60	50	white pine	immature	N		10-19 years	0	
comnts Fmd : Stand was treated under contract 33140101, nighthawk ridge sale. Stand is regenerating to Wp and Hmlock. Some of the hemlock is 12-15 tall.														
117	W4	F3	2	33	5	30	50	white pine	immature	N		40-49 years	0	
118	L0	X0	2	109		0	25	lowland brush	nonstocked	N		not scheduled	0	
119	C6	X0	13	104	8	130	35	cedar	immature	N		not scheduled	0	
comnts Fmd : Smaller run of cedar than the stan to the west.														
402	G0	G0	3			0	50	grass	nonstocked	N		not scheduled	0	
403	G0	G0	1			0	50	grass	nonstocked	N		not scheduled	0	
comnts Fmd : TRY SEEDING WITH CANADA WILD RYE, MOW AS NEEDED WITHIN THIS DECADE. Wld : 2009 - Two small openings. East portion, bracken fern with rubus, a little bit of sand (0.2 acres). West side of road (0.5acres) has mixed forbs and allot of birdsfoot trefoil.														
404	G0	G0	2			0	50	grass	nonstocked	N		not scheduled	0	
comnts Fmd : TRY SEEDING WITH CANADA WILD RYE, MOW AS NEEDED WITHIN THIS DECADE. Wld : 2009 - Two track leading to this opening was underwater.														
405	G0	G0	1			0	50	grass	nonstocked	N		not scheduled	0	
comnts Fmd : TRY SEEDING WITH CANADA NATURAL RYE, MOW AS NEEDED WITHIN THIS DECADE. Wld : 2009 - Growing in with tag alders.														
407	G0	G0	1			0	50	grass	nonstocked	N		not scheduled	0	
comnts Fmd : TRY TO SEED WITH CANADA WILD RYE. MOW AS NEEDED WITHIN THIS DECADE. Wld : 2009 - Opening is 1.0 acres. Mostly poverty grass, sand, moss, hawkweed, st. john's wort.														
408	G0	G0	1			0	50	grass	nonstocked	N		not scheduled	0	
comnts Fmd : TRY TO SEED WITH CANADA WILD RYE. MOW AS NEEDED WITHIN THIS DECADE. Wld : 2009 - Areas with heavy bracken fern. Only 0.2 acres is moss, poverty grass, rubus.														
409	G0	G0	1			0	50	grass	nonstocked	N		not scheduled	0	
comnts Fmd : TRY TO SEED WITH CANADA WILD RYE. MOW AS NEEDED WITHIN THIS DECADE. Wld : 2009 - yellow hawkweed and poverty grass. North 1/3 is bracken fern.														

Total Acres..... 1206