

* 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	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							
1	A6	F2	15	64	10	90	55	aspen (upland)	high risk	Y	final harvest	within 0-9 years	1	
<p>comnts Fmd : Steeper slope adjacent to CoRd. Leave most of pine for aesthetics as well as some birch/maple near Co Rd. Mead land adjacent to the north has been clearcut & planted to red pine. NE corner of Sec 6 is a new County remonumentation corner set in 2002, as is the N1/4 corner of Sec 6.</p> <p>Wld : Located in the N1/2NE of Sec 6, north of CoRd 478.</p>														
2	A3	A3	42	16	3	0	57	aspen (upland)	immature	N		40-49 years	0	
<p>comnts Fmd : Was commercially cut by Jim Carey Logging between Mar.1988 & Sept.1989 , permit #21-87-01,"Black River Block". All cherry, 1 & 2 stick spruce & fir was left. Probably no oak present. Note that a strip of property 319 feet wide and 1/4 mile long located on the west side of SWNE is Private. This strip had been previously cut by Gene Arnsten of Marquette. Currently, this aspen cover type has a significant conifer component as well (pine & spruce/fir).</p> <p>Wld : Located in the S1/2NE (except west 319 ft) south of powerline, and the NWSE and NESW.</p>														
3	S6	S1	6	89	8	70	35	black spruce-swamp	mature	Y	seed tree	within 0-9 years	1	
<p>comnts Fmd : Some windthrow present from 7/21/02 storm. Site is semi-high ground, not wet. Still need to winter log though. Adequate seed source needs to be left. Jim Carey cut the adjacent pvt land to the east in the last few yrs and very little regeneration is present yet.</p> <p>Wld : Located in the NENE of Sec 6, north of powerline.</p>														
4	T4	S2	64		5	30	36	tamarack	immature	N		not scheduled	0	
<p>comnts Fmd : Largest diameter tamarack & spruce is along the fringes of upland. Stand probably varies somewhat & may be heavier to spruce in places. A trace of fir, cedar, & black ash also, and lots of alder.</p> <p>Wld : Stand located in the S1/2NE & N1/2SE of Sec 6.</p>														
6	A3	A3	51	5	0	0	63	aspen (upland)	immature	N		40-49 years	0	
<p>comnts Fmd : Was commercially harvested in 1998 thru 2000 by Jim Carey of Sawyer Lake, permit #110-97-01, "Black River North Sale". All oak, cherry, cedar, & yellow birch was left. Only marked pine was cut. Subsequently, the stand was hardhit by the windstorm of 7/21/02 and we lost most of the residual pine. Aspen is dominant however, with a minor component of conifer. This stand is essentially a ridgetop paralleling the river.</p> <p>Wld : Located in the SW1/4 Sec 6, north of river.</p>														
7	R7	R1	4		14	20	65	red pine	unevenaged	N		not scheduled	0	
<p>comnts Fmd : Was commercially cut (marked pine) by Jim Carey in 1998-2000, permit #110-97-01, "Black River North". However, the windstorm of 7/21/02 may very well have toppled most of the residual pine.</p> <p>Wld : Located in the SESW of Sec 6, on a ridge top.</p>														
8	S4	Q1	4	48	6	30	38	black spruce-swamp	immature	N		50-59 years	0	
<p>comnts Fmd : Was commercially harvested 1998 thru 2000 by Jim Carey of Sawyer Lake, permit #110-97-01, "Black River North Sale". All oak, cherry, cedar, & yellow birch was left. Only marked pine was cut and also 1 & 2 stick spruce was left. Subsequently hit with the 7/21/02 windstorm. Probably less severe damage here than to surrounding upland types. We expect to gain some additional regeneration as a result of the harvest operation.</p> <p>Wld : Located in the SWSE of Sec 6.</p>														

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9	F3	F3	100	5	1	10	65	spruce-fir (uplands-including upland black spruce)	unevenaged	N		40-49 years	0	
<p>comnts Fmd : Area was commercially harvested 1998 thru 2000 by Jim Carey of Sawyer Lake, permit # 110-97-01, "Black River North Sale". All oak, cherry, cedar, & yellow birch was left. Only marked pine was cut, and in the east half, 1 & 2 stick spruce was left. Access was from the southeast corner of sale across corporate lands. Subsequently, this stand was hard hit by the 7/21/02 windstorm and we lost most of the residual pine. A salvage sale was conducted by Minerick Logging, permit #128-02-01 to utilize the down & broken pine. Currently we have a fully stocked stand with all species combined. Some portions are aspen dominant & some spruce/fir dominant, and a lot of mixed acres. A mixed stand of dry mesic conifers serves our objectives well for now, with aspen/maple for diversity. Thus F3 is not a true picture but a summarized average. We hope to increase the pine component through future mgt for natural regeneration. Very rocky soil here.</p> <p>Wld : Located in the SE1/4 and E1/2SW of Sec 6.</p>														
10	W8	F2	27		14	50	63	white pine	unevenaged	N		not scheduled	0	
<p>comnts Fmd : Had a commercial salvage cut in Jan/Feb 2003 which was brought about by severe windthrow from the 7/21/2002 windstorm. Jim Carey was salvaging his own timber in Sec 1 of T46N, R29 W at this time, being adjacent to this State damaged timber on the west side, and also controlling access. Thus, permit #133-03-02, "Black River West Salvage" was issued to salvage all trees which were broken or uprooted by the storm. Field check in May 2005 showed that most of the damage and salvage was on the west end of the stand. The east end has some windthrow that wasn't salvaged, also it has a heavy spruce/fir understory, and contains rock outcropping. Some of the swamp fringes are still adequately stocked with undamaged spruce/fir and could be harvested in the future. Areas salvaged have very little understory left. Some pine/fir/spruce regeneration is just starting to show up. Species product code of 91 is made up of birch, fir, maple, & white spruce.</p> <p>Wld : Located in the N1/2NW of Sec 7.</p>														
11	F3	F3	122	5	1	10	63	spruce-fir (uplands-including upland black spruce)	immature	N		40-49 years	0	
<p>comnts Fmd : Was commercially cut in Jan-Mar of 1999 & Jan-Mar of 2000 by Holli Forest Products, Inc., permit #109-97-01, "Black River South Sale". Access was from the east and south utilizing winter frozen roads across the treed bog. At least two winters were spent cutting this sale, maybe three. This stand was subsequently hard hit with the 7/21/02 windstorm and we lost most of the pine residual stand, and it was impractical to salvage due to the winter access needed. Currently we have a fully stocked stand with all species combined. Some portions are aspen dominant & some spruce/fir dominant, and a lot of mixed acres. A mixed stand of dry mesic conifers serves our objectives well for now, with aspen/maple for diversity. Thus F3 is not a true picture but a summarized average. We hope to increase the pine component through future mgt for natural regeneration.</p> <p>Wld : Located in the S1/2N1/2, NESW, & NWSE of Sec 7.</p>														
12	A3	A3	15	25	4	30	62	aspen (upland)	immature	N		30-39 years	0	
<p>comnts Fmd : Was commercially cut in Jan-March 1980 by Holli Forest Products, Inc., permit #2/80. This stand had been decimated by spruce budworm at this time and Holli was in the process of freezing a large bog winter road system going right past this stand to reach a large State timber sale to the west, thus it was logical to cut this stand at the same time. All merchantable pulpwood was cut except for red & white pine which were marked.</p> <p>Wld : Located in the N1/2SE of Sec 7. An island of high ground.</p>														
13	D0	D0	205		0	0	20	treed bog	nonstocked	N		not scheduled	0	
<p>comnts Fmd : A hugh treed bog extending into adjacent cmpts. As an example of how water is moving through these bogs, Holli Forest Products was freezing a north-south road between stands 12 & 63 (as a reference) in a winter in the later 1970's and over the course of time, the road began to noticeably bulge or upheave over a considerable length. The road surface was frozen but apparently water pressure was building beneath it. Normally these roads are as flat as an airport runway. Warren H. This bog does have some merchantable sized spruce/tam along the fringes of the high ground in places, for example between stands 15 & 64 in SESE of Sec 7.</p> <p>Wld : Located in the S1/2 of Sec 7 essentially.</p>														
14	S5	S2	13	74	4	60	29	black spruce-swamp	immature	N		not scheduled	0	
<p>comnts Fmd : A frozen winter road was used on the north side of this stand both around 1974-80 and again in 1999-2000. Stand is mostly black spruce/tamarack. Sparse on fringes.</p> <p>Wld : Located in the SE1/4 of Sec 7.</p>														

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					B H	Tot. BA								
15	A5	F2	6	25	5	40	55	aspen (upland)	immature	N		30-39 years	0	
<p>comnts Fmd : Was commercially cut in 1979-80 by Holli Forest Products, Inc., permit #12-77A, "Fawn's Foot Block". All merchantable pulpwood was cut except for pine which was marked. In 5/2005 I found the aspen to be up to 30 ft tall & 3 to 5 inch diameter. The spruce/fir is 3 to 20 ft tall & 1 to 3 inch diameter. Private land adjacent to the east has not been cut.</p> <p>Wld : Located in the SESE of Sec 7.</p>														
16	A3	A3	82	25	4	30	60	aspen (upland)	immature	N		30-39 years	0	
<p>comnts Fmd : Was commercially cut in 1979-80 by Holli Forest Products, Inc., permit #12-77A, "Fawn's Foot Block". All merchantable aspen, birch, maple, spruce/fir, jack pine, & tamarack was cut plus marked pine. Significant component of conifer regeneration exists in present stand also (pine, fir, etc). Windstorm of 7/21/02 took down several pine sawtimber trees (red pine); not practical to salvage every tree.</p> <p>Wld : Located in the N1/2SW of Sec 8 for the most part.</p>														
17	R7	F2	16		16	30	68	red pine	old growth (potential or actual)	N		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Potential or designated old growth Influence zones</p> <p>comnts Fmd : Potential biodiversity mgt area. See cmpt header for additional comments.</p> <p>Wld : Located in the W1/2NW, SENW, & SWNE of Sec 8, south of river.</p>														
18	M6	M2	90		10	130	65	white pine	unevenaged	Y	seed tree	within 0-9 years	1	
<p>comnts Fmd : Stand was badly damaged (esp. the pine) and salvaged in winter of 2002-03 (TS#128-02-01- Minerick Logging, Inc., a scale sale) as a result of the windstorm of 7/21/2002. Van Riper State Park work crew cut marked pine here during the winters of 1984-86 for sawing into picnic table boards, etc., permits # 15-84-02, #19-85-02, & #01-86-02. If the pine windthrow of 7/21/02 had not occurred, this stand would be cover type W9 at present. We wish to manage this stand for pine, but currently, red maple is the predominant specie. Our 2007 cutting will harvest a minimal amount of pine (only high risk trees) and the residual stand should be a cover type W8 at the low end of the stocking level (40 sq.ft/A). Most pine is located in the west half of this stand. Stand is very rocky and somewhat hilly. It should be cut when ground is snowfree to provide some scarification for pine seeding. Understory in the northern portion of the stand is sugar maple saplings (1 to 3 " dbh) with some fir. In the southern portion of stand, the understory is more fir.</p> <p>Wld : Located in the N1/2NW of Sec 8.</p>														
19	F5	A2	34	48	8	40	47	spruce-fir (uplands-including upland black spruce)	immature	N		10-19 years	0	
<p>comnts Fmd : Was commercially cut in 1956-57 (permit #13-56A & #3-57) by Uno Kemppainen (who lived just northwest of the sale where Loren Gray lives now). Residual conifer was left. The windstorm of 7/21/02 hit this stand also with the larger, older trees being windthrown (pine, white spruce, etc.) See access comments for stand 84.</p> <p>Wld : Located in the N1/2SE of Sec 8.</p>														
20	L0	L0	41		0	0	15	lowland brush	old growth (potential or actual)	N		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Potential or designated old growth Influence zones</p> <p>comnts Fmd : Potential biodiversity mgt area. See cmpt header for additional comments.</p> <p>Wld : Located in W1/2SE of Sec 8, both sides of river. In 1995, the map shop drew the river as a wide double line stand wwith a stand number for the water. Thus we needed two stand numbers for the alder on each side of the river. Now in 2005 they changed to a single line for the river, so we only need one stand number for the alder.</p>														

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					D B H	Tot. BA	Site Indx							
23	J2	J2	13	16	3	0	60	jack pine	immature	N		40-49 years	0	
<p>comnts Fmd : Was commercially cut between Mar.1988 & Sept.1989 by Jim Carey Logging, permit #21-87-01, "Black River Block". All cherry, 1 & 2 stick spruce & fir was left, as well as some birch/maple marked with green paint for aesthetics along Co.Rd. 478. Probably were no oak present. Some aspen in north & west sides of stand, and also some tamarack near swamp edge on east.</p> <p>Wld : Located in the NWNE of Sec 6, south of Co.Rd. 478.</p>														
27	W7	F1	3		15	30	54	white pine	unevenaged	N		not scheduled	0	
<p>comnts Fmd : Stand situated ontop of a rock outcropping. Was hit with blowdown from the 7/21/02 windstorm, but a significant number of pine remain. Probably more valued for aesthetics than timber.</p> <p>Wld : Located in the NWNE of Sec 6, south of CoRd 478.</p>														
28	A6	F2	2	64	10	90	55	aspen (upland)	high risk	Y	final harvest	within 0-9 years	1	
<p>comnts Fmd : Leave most of pine for aesthetics as well as some birch/maple near Co Rd. Mead land adjacent to the north has been clearcut & planted to red pine. N1/4 corner of Sec 6 is a new County remonumentation corner set in 2002.</p> <p>Wld : Located in the NWNE of Sec 6, north of CoRd 478.</p>														
29	A5	F2	3	64	10	60	55	aspen (upland)	high risk	Y	final harvest	within 0-9 years	1	
<p>comnts Fmd : Considerable windthrow damage here from 7/21/02 storm. Leave most of pine for aesthetics as well as some birch/maple near Co Rd. Mead land adjacent to the north has been clearcut & planted to red pine. NE corner of Sec 6 is a new County remonumentation corner set in 2002. Private driveway leading to a camp southeast of the Sec corner crosses onto State slightly I believe.</p> <p>Wld : Located in the N1/2NE of Sec 6, north of CoRd 478.</p>														
30	S5	S1	12	77	6	60	35	black spruce-swamp	immature	N		10-19 years	0	
<p><u>Treatment Limiting Factors:</u> Delayed treatment for age/size class diversity</p> <p>comnts Fmd : Variable stand, portions along west end are almost S3 with smaller diameters.</p> <p>Wld : Located in the N1/2NE of Sec 6, north of powerline.</p>														
31	T6	Q1	9	93	7	70	38	tamarack	immature	Y		20-29 years	0	
<p><u>Treatment Limiting Factors:</u> Delayed treatment for age/size class diversity</p> <p>comnts Fmd : Almost an even mix of tamarack & black spruce (more spruce in east end). A wetter site (true swamp) than stand number 3 to the north. Some windthrow but not severe. More of an open stand with tag alder.</p> <p>Wld : Located in the SENE of Sec 6, south of powerline.</p>														
32	S3	S3	14	43	2	0	33	black spruce-swamp	immature	N		not scheduled	0	
<p>Wld : Located in the NENE of Sec 6, both sides of Co.Rd.478.</p>														
35	L0	L0	8		0	0	20	lowland brush	nonstocked	N		not scheduled	0	
<p>Wld : Located in the NWNE of Sec 6, north of powerline, and on both sides of Co.Rd. 478.</p>														
36	L0	L0	3		0	0	35	lowland brush	nonstocked	N		not scheduled	0	
<p>comnts Fmd : This is a powerline right of way (not the ELF). This portion is swampy.</p> <p>Wld : Located in the SENE of Sec 6.</p>														

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					B H	Tot. BA								
37	S2	S2	3	5	1	10	35	black spruce-swamp	immature	N		60-69 years	0	
<p>comnts Fmd : Was commercially harvested 1998 thru 2000 by Jim Carey of Sawyer Lake, permit #110-97-01, "Black River North Sale". All oak, cherry, cedar, & yellow birch was left. Only marked pine was cut. Also, 1 & 2 stick spruce was left.</p> <p>Wld : Located in the NESE of Sec 6.</p>														
38	L0	L0	3		0	0	20	lowland brush	nonstocked	N		not scheduled	0	
<p>Wld : Located in the NESE of Sec 6.</p>														
39	L0	L0	7		0	0	20	lowland brush	nonstocked	N		not scheduled	0	
<p>Wld : Located in the SE1/4 of Sec 6.</p>														
40	F5	F2	7	80	8	60	60	spruce-fir (uplands-including upland black spruce)	old growth (potential or actual)	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Potential or designated old growth Influence zones</p> <p>comnts Fmd : Potential biodiversity mgt area. See cmpt header for additional comments.</p> <p>Wld : Located in the NESW & NWSE of Sec 6, north of creek.</p>														
41	L0	L0	25		0	0	15	lowland brush	old growth (potential or actual)	N		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Potential or designated old growth Influence zones</p> <p>comnts Fmd : Potential biodiversity mgt area. See cmpt header for additional comments.</p> <p>Wld : Located in N1/2SW & NESE of Sec 6.</p>														
42	F5	F2	11	80	8	60	60	spruce-fir (uplands-including upland black spruce)	old growth (potential or actual)	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Potential or designated old growth Influence zones</p> <p>comnts Fmd : Potential biodiversity mgt area. See cmpt header for additional comments.</p> <p>Wld : Located in the N1/2SW & NWSE of Sec 6, south of creek.</p>														
43	Z0	Z0	1					water	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Beaver pond on tributary creek to the Black River. Newer pond, visible on 2003 digital orthoquad.</p> <p>Wld : Located in the NESW & NWSE of Sec 6.</p>														
44	Z0	Z0	1					water	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Beaver pond on tributary creek to the Black River.</p> <p>Wld : Located in the N1/2SW of Sec 6.</p>														

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45	W9	F2	20	17	80	65		white pine	old growth (potential or actual)	N		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Potential or designated old growth Influence zones</p> <p>comnts Fmd : Potential biodiversity mgt area. See cmpt header for additional comments.</p> <p>Wld : Located in the S1/2SW of Sec 6, north of river, for the most part.</p>														
46	W9	F2	1	17	80	65		white pine	old growth (potential or actual)	N		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Potential or designated old growth Influence zones</p> <p>comnts Fmd : Potential biodiversity mgt area. See cmpt header for additional comments.</p> <p>Wld : Located in the SWSW of Sec 6.</p>														
47	W9	F2	15	17	80	65		white pine	old growth (potential or actual)	N		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Potential or designated old growth Influence zones</p> <p>comnts Fmd : Potential biodiversity mgt area. See cmpt header for additional comments.</p> <p>Wld : Located in the SWSW of Sec 6 & NENW of Sec 7, south of river.</p>														
48	W8	F2	3	14	40	63		white pine	unevenaged	N		not scheduled	0	
<p>comnts Fmd : Had a commercial salvage sale in Jan/Feb 2003 as a result of the 7/21/2002 windstorm. Cut by Jim Carey, permit #133-03-02, "Black River West Salvage". Access from west through Jim Carey's property.</p> <p>Wld : Located in the SWSW of Sec 6, south of Black River.</p>														
49	W7	N3	15	15	20	64		white pine	unevenaged	N		not scheduled	0	
<p>comnts Fmd : Was commercially cut by Jim Carey, permit #12-94-01, "Twin Grouse Sale", during the winter of 1994-95. Besides cutting all merchantable aspen, birch, maple, spruce, & fir, only marked pine was cut. This was followed by a commercial salvage sale, cutting what was broken or uprooted, in Jan/Feb 2003, also cut by Jim Carey, and brought about by the 7/21/2002 windstorm, permit #133-03-02. "Black River West Salvage". Note: Jim Carey is the adjacent landowner to the west and has exclusive access. Field check in May 2005 found mainly white pine residual (a few red pine), heavier to pine in south end and also west of this stand in adjacent cmpt. Ample regeneration on ground with surprising amount of white pine, but also spruce/fir regeneration. Some tamarack & red maple also. Currently 0 to 3 ft tall.</p> <p>Wld : Located in the NWNW of Sec 7 for the most part.</p>														
50	S5	Q2	4	42	6	50	27	black spruce-swamp	immature	N		not scheduled	0	
<p>comnts Fmd : The fringes of this stand were cut during the 2003 windthrow salvage sale, permit #133-03-02. See comments for stand 10. The center of this stand has smaller diameter spruce.</p> <p>Wld : Located in the SWSW of Sec 6 & NWNW of Sec 7.</p>														
51	S3	S3	1	30	3	10	27	mixed swamp conifer	immature	N		50-59 years	0	
<p>comnts Fmd : Some merchantable though small diameter spruce along fringes of high ground.</p> <p>Wld : Located in the NWNW of Sec 7.</p>														

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Stand	Cover Type-Dnstry	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	Tot. BA								
52	F6	F3	3	66	9	80	56	spruce-fir (uplands-including upland black spruce)	old growth (potential or actual)	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Potential or designated old growth Influence zones</p> <p>comnts Fmd : Potential biodiversity mgt area. See cmpt header for additional comments. Long term mgt objective is for a mixture of pine, red maple, etc.</p> <p>Wld : Located in the NENW of Sec 7, adjacent to private.</p>														
53	F6	F3	1	66	9	70	56	spruce-fir (uplands-including upland black spruce)	old growth (potential or actual)	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Potential or designated old growth Influence zones</p> <p>comnts Fmd : Potential biodiversity mgt area. See cmpt header for additional comments. Stand is sort of a knob or small hill. Long term mgt objective is for a mixture of pine, red maple, etc.</p> <p>Wld : Located in the NENW of Sec 7.</p>														
54	L0	L0	22		0	0	15	lowland brush	old growth (potential or actual)	N		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Potential or designated old growth Influence zones</p> <p>comnts Fmd : Potential biodiversity mgt area. See cmpt header for additional comments.</p> <p>Wld : Located in the NW1/4 of Sec 7.</p>														
55	Z0	Z0	1					water	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Tiny beaver pond on small tributary creek.</p> <p>Wld : Located in the NWNW of Sec 7.</p>														
56	F3	F3	5	5	1	10	48	spruce-fir (uplands-including upland black spruce)	immature	N		40-49 years	0	
<p>comnts Fmd : Was commercially harvested in Jan-Mar 2000 as part of Holli Forest Products, Inc, permit #9-97-01, "Black River South Sale". See stand 11 for additional comments. The north edge of this stand was left uncut as a buffer to the creekbottom.</p> <p>Wld : Located in the SWNW of Sec 7.</p>														
57	A3	A3	5	25	4	30	62	spruce-fir (uplands-including upland black spruce)	immature	N		30-39 years	0	
<p>comnts Fmd : Was commercially cut in winter of 1980 by Holli Forest Products, Inc., permit #10-80. Or possibly this was included in Holli's permit #2/76A, "Island Sale", which wasn't completed till 3/31/80 and included the adjacent high ground west of this stand. Permit #10-80 was a negotiated sale whereas #2/76A was bid I believe. Oscar Antilla was high bidder on #2/76A but gave it up before submitting his 10%. The same road system of frozen ice roads were used for both sales. Four access points were used for this road system over the course of 6 yrs or so. The northwest access was through Reino Nyback's in the NW corner of Sec 12, T46N, R29W which leads to CoRd FW. The southwest access was through Sec 13, T46N, R29W through the three corporate forties on the north side of Sec 13 which will lead southwesterly past Ozzie Altabello's camp to reach CoRd FF also called the Perch Lake Road. The east access was through Sec 8, T46N, R28W and across the Black River on the RR car bridge to exit at Loren Gray's driveway to Co.Rd.CO or CH. And the south access was through Sec 18, T46N, R28W near stand #63 (small island of red pine) which leads to the Tanglefoot Lake Road which leads to CoRd 581 by the AmVets.</p> <p>Wld : Located in the SWNW & NWSW of Sec 7.</p>														

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Stand	Cover Type-Dnsty	Under Story-Stkng Level	Acres	Age	avg. DBH		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B	Tot. BA								
58	A3	A3	24	25	4	30	62	spruce-fir (uplands-including upland black spruce)	immature	N		30-39 years	0	
<p>comnts Fmd : Was commercially cut in Jan-March 1980 by Holli Forest Products, Inc., permit #10/80. A salvage of spruce budworm damage sale. All merchantable trees were cut except for pine which were marked. Access by frozen winter road ssysytem.</p> <p>Wld : Located primarily in the W1/2SW of Sec 7. A large island in a treed bog.</p>														
59	F2	F2	1	25	4	20	60	spruce-fir (uplands-including upland black spruce)	immature	N		30-39 years	0	
<p>Wld : Located in the SWNW of Sec 7.</p>														
60	F2	F2	1	25	4	20	60	spruce-fir (uplands-including upland black spruce)	immature	N		30-39 years	0	
<p>comnts Fmd : Small island of timber in treed bog.</p> <p>Wld : Located in the NWSW of Sec 7.</p>														
61	F2	F2	1	25	4	20	60	spruce-fir (uplands-including upland black spruce)	immature	N		30-39 years	0	
<p>comnts Fmd : Small island of timber in treed bog.</p> <p>Wld : Located in the NESW of Sec 7.</p>														
62	F2	F2	2	25	4	20	60	spruce-fir (uplands-including upland black spruce)	immature	N		30-39 years	0	
<p>comnts Fmd : Small island of timber in treed bog.</p> <p>Wld : Located in the NESW of Sec 7.</p>														
63	R9	R1	1		14	80	65	red pine	unevenaged	N		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Inadequate volume due to small acreage</p> <p>comnts Fmd : Tiny island of high ground in treed bog, sandy soil - natural red pine. System of frozen winter roads went right by this island.</p> <p>Wld : Located in the SESW & SWSE of Sec 7.</p>														
64	F3	R2	4	29	4	0	55	spruce-fir (uplands-including upland black spruce)	immature	N		30-39 years	0	
<p>comnts Fmd : This is part of a very large sale (mostly in Cmpt 221 to the south) cut in 1974-76 by Holli Forest Products, Inc, permit #14-72-01, "West Branch Creek Block". Wood from this sale was hauled out through cmpt 220 on a frozen winter road through SWSW of Sec 8 (for which we have an easement). This same sale was first issued to Unto Makela in 1971, but went uncut as his business went into receivership. This stand has an east-west trail road growing in (now a 4 wheeler trail in 2005) and red pine has seeded in along the road. The rest of the stand is spruce/fir/tamarack and aspen. Thus it is quite a mixture, which is good for diversity. See locked comment.</p> <p>Wld : Located in the south end of SESE of Sec 7.</p>														
65	F2	F2	1	25	3	10	55	spruce-fir (uplands-including upland black spruce)	immature	N		30-39 years	0	
<p>comnts Fmd : Was commercially cut in 1979-80 by Holli Forest Products, Inc., permit #12-77A, "Fawn's Foot Block". All merchantable pulpwood was cut except for pine which was marked. This is a tiny island of high ground, sort of a knob or small hill with some rock outcropping. In 5/2005, a few white pine residual log trees & one red pine. Mostly spruce/fir regen (5 to 20 ft tall, and 1 to 3 inch diameter) with a few pine and aspen.</p> <p>Wld : Located in the SESE of Sec 7.</p>														

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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 H	Tot. BA	Site Indx							
66	S3	S3	8	25	3	0	40	black spruce-swamp	immature	N		60-69 years	0	
<p>comnts Fmd : Was commercially cut in 1979-80 by Holli Forest Products, Inc., permit #12/77A, "Fawn's Foot Block". All merchantable pulpwood was cut except for pine which was marked. In 5/2005, I found this stand to be fully stocked with black spruce & tamarack, 1 to 3 inch diam, & 8 to 20 ft tall. Some alder also, sphagnum moss, leatherleaf, ground cover. Doing well.</p> <p>Wld : Located in the SESE of Sec 7.</p>														
67	Z0	Z0	1				0	water	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Tiny beaver pond on tributary creek flowing northward. Winter road used by Holli Forest Products, Inc. is located just south of this pond.</p> <p>Wld : Located on or near the E-W line between NESE & SESE of Section 7.</p>														
68	Z0	Z0	1				0	water	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Beaver pond on tributary creek flowing eastward., located between stand 11 & 12.</p> <p>Wld : Located on the NESE of Sec 7.</p>														
69	L0	L0	29				0	lowland brush	old growth (potential or actual)	N		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Potential or designated old growth Influence zones</p> <p>comnts Fmd : Potential biodiversity mgt area. See cmpt header for additional comments.</p> <p>Wld : Located in the N1/2SE of Sec 7.</p>														
70	F6	F3	5	66	9	80	56	spruce-fir (uplands-including upland black spruce)	old growth (potential or actual)	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Potential or designated old growth Influence zones</p> <p>comnts Fmd : Potential biodiversity mgt area. See cmpt header for additional comments. Long term mgt objective is for long lived species such as pine.</p> <p>Wld : Located in the SENE of Sec 7, south of river.</p>														
71	L0	L0	26				0	lowland brush	old growth (potential or actual)	N		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Potential or designated old growth Influence zones</p> <p>comnts Fmd : Potential biodiversity mgt area. See cmpt header for additional comments.</p> <p>Wld : Located in the SENE of Sec 7 & SWNW of Sec 8.</p>														
72	W9	F2	11				17	white pine	old growth (potential or actual)	N		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Potential or designated old growth Influence zones</p> <p>comnts Fmd : Potential biodiversity mgt area. See cmpt header for additional comments.</p> <p>Wld : Located in the SENE of Sec 7 & SWNW of Sec 8, north of river.</p>														

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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								
78	J6	F2	5	61	9	70	64	jack pine	mature	Y	final harvest	within 0-9 years	2	
<p>comnts Fmd : Stand is accessible from the north. The 7/21/02 windstorm hit here also, & the largest and oldest trees were hardest hit. We should final harvest and regenerate this stand at this time. It is currently a mixture of many species, and is somewhat unevenaged. We should simply manage this type in place for whatever regenerates naturally (a mix of upland conifer & aspen). Leave red & white pine as much as possible. There is a wide buffer of tag alder between this stand and the river but leave appropriate species on east edge for aesthetics.</p> <p>Wld : Located in the northwest corner of the SWSE of Sec 8.</p>														
79	S5	S2	6	92	6	50	28	black spruce-swamp	mature	Y	seed tree	within 0-9 years	2	
<p>comnts Fmd : In 2007 we will harvest a narrow strip 1 to 2 chains wide along the north edge to be sold with stand 78 adjacent to this. This will ensure regeneration of spruce/tamarack/fir here and the fringes bordering upland have the largest timber.</p> <p>Wld : Located in the SWSE of Sec 8.</p>														
80	F4	F2	7	48	7	30	62	spruce-fir (uplands-including upland black spruce)	immature	N		not scheduled	0	
<p>comnts Fmd : Was cut as a salvage Scale sale due to damage from the 7/21/2002 windstorm by Jim Carey Logging in late Fall of 2002, permit #102-03-02, "Black River Salvage". Jim was already cutting the adjacent private (James Richards) property to the south, thus he had access from the south. He cut only those trees that were broken or uprooted. Most of damage was to the oldest, largest trees, thus what is left are younger age class and we can manage this residual type in place, expecting to get some natural regeneration of existing species as a result of the cutting and soil disturbance. Predominantly dry mesic conifers & some aspen.</p> <p>Wld : Located in the SWSE of Sec 8.</p>														
81	F5	F2	1		8	40	64	spruce-fir (uplands-including upland black spruce)	old growth (potential or actual)	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Potential or designated old growth Influence zones</p> <p>comnts Fmd : Potential biodiversity mgt area. See cmpt header for additional comments. Long term mgt objective is for long lived species such as pine.</p> <p>Wld : Located in the SWSE of Sec 8.</p>														
82	F5	A2	9	48	8	40	47	spruce-fir (uplands-including upland black spruce)	immature	N		10-19 years	0	
<p>comnts Fmd : Was commercially cut in 1956-57 by Uno Kemppainen (who lived just northwest of the sale where Loren Gray lives now). Residual conifer was left. See comments for stand 19.</p> <p>Wld : Located in the SESE of Sec 8.</p>														
83	L0	L0	2		0	0	15	lowland brush	nonstocked	N		not scheduled	0	
<p>Wld : Located in the SESE of Sec 8.</p>														
84	A2	A2	23	3	17	10	60	aspen (upland)	immature	N		50-59 years	0	
<p>comnts Fmd : Was commercially cut in Dec 2001 thru Feb 2002 by John Heidtman Logging, Inc., permit #118-97-01, "Pine Patches Quill Sale". Access (frozen winter road) was from the northwest across Loren Gray's property. Only marked pine was cut, and all cherry & cedar was left (no oak present). All merchantable aspen, birch, maple, spruce & fir was cut. The windstorm of 7/21/02 virtually wiped out the residual pine here. Less than 10 sq.ft/acre left. It was not salvaged due to winter access needed plus crossing private land. With better access it would have been salvaged. Currently the stand has patchy aspen regen, some red maple stump sprouts, and sparse spruce/fir regen. We need to preferably develop access from the east on State land, or acquire a mgt easement to cross pvt land from the north. Road across private would need fill/gravel to build it up - it's flooded in the Spring and only usable by freezing in the winter.</p> <p>Wld : Located in the E1/2SE of Sec 8.</p>														

GWINN FOREST MGT UNIT

Stand Level Information

Compartment: 220 Entry Year: 2007

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Stand	Cover Type-Dnsty	Under Story-Stkng Level	Age	A c r e s	avg.		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					D B H	Tot. BA								
85	F6	F2	30	62	9	70	47	spruce-fir (uplands-including upland black spruce)	old growth (potential or actual)	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Potential or designated old growth Influence zones</p> <p>comnts Fmd : Potential biodiversity mgt area. See cmpt header for additional comments. Long term mgt objective is for long lived conifer such as pine. Without a doubt, the 7/21/02 windstorm took down trees in this stand, but it is not our intention to harvest trees in this stand, and thus windthrow is a natural event and not a problem here.</p> <p>Wld : Located in the W1/2SE & SESE of Sec 8, east of river. Includes 1 acre parcel southeast of river adjacent to the SE Section corner of Sec 8.</p>														
88	V0	V0	4			0	20	bog or muskeg	nonstocked	N		not scheduled	0	
<p>Wld : Located in the northeast corner of NESE of Sec 8.</p>														
89	V0	V0	1			0	20	bog or muskeg	nonstocked	N		not scheduled	0	
<p>Wld : Located in the NESE of Sec 8.</p>														
92	Z0	Z0	1			0		water	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Tiny beaver pond on tributary creek flowing northward into the Black River. You can walk across on this beaver dam to reach stand 11.</p> <p>Wld : Located in the SENE of Sec 7.</p>														
94	D0	D0	5			0	20	treed bog	nonstocked	N		not scheduled	0	
<p>comnts Fmd : This is a segment of the ELF transmission line terminal ground, established around 1985 and shut down or phased out in 2005. Reverting to surrounding type of treed bog.</p> <p>Wld : Located in the N1/2SW & SWNW of Sec 7.</p>														
95	L0	L0	29			0	0	15	lowland brush	old growth (potential or actual)	N		not scheduled	0
<p><u>Treatment Limiting Factors:</u> Potential or designated old growth Influence zones</p> <p>comnts Fmd : Potential biodiversity mgt area. See cmpt header for additional comments.</p> <p>Wld : Located in the SWSW of Sec 6 & NENW of Sec 7, both sides of river.</p>														
97	S6	S1	1	89	8	70	35	black spruce-swamp	mature	Y	seed tree	within 0-9 years	1	
<p>comnts Fmd : Some windthrow present from 7/21/02 storm. Site is semi-high ground, not wet.</p> <p>Wld : Located in the NENE of Sec 6, adjacent to Co.Rd. 478 on the south side.</p>														
401	G0	G0	4			0		grass	nonstocked	N		not scheduled	0	
<p>comnts Fmd : This is a powerline right of way (not ELF). Approx 100 ft wide.</p> <p>Wld : Located in the SWNE of Sec 6.</p>														
<p>Total Acres..... 1402</p>														