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Contact: Brian Kukulies

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January 13, 2003

William Thomas Errico Jr.
Gambier Forest Resources Ltd.
RR#3
Gibsons, British Columbia
VON 1V0

Dear William Errico Jr.:

Your November 15, 2002 submission of an amendment to Management Plan No.2 for Woodlot Licence W0039 is hereby approved.

The Annual Allowable Cut (AAC) commencing on January 1, 2003 will be 2,675m³. I have attached a copy of the WOODLOT AAC calculator model out put for your records.

This letter forms an integral part of Management Plan No. 2 for Woodlot Licence W0039 and should be attached thereto.

If you have any questions please contact Brian Kukulies at (604) 485-0725.

Yours truly,

acting for 

Greg Hemphill
District Manager
Sunshine Coast Forest District

Enclosure

bpc: Vancouver Forest Region, Val Ciapponi, Tenures Manager - Copy of Amendment Attached



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Ministry of
Forests

Sunshine Coast Forest District

Mailing Address:
7077 Duncan Street
Powell River, BC V8A 1W1

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Woodlot Licence Harvest Planning report

Date : 19 December, 2002

Woodlot Licence# :
Forest District :
Company :
User :
Woodlot File : C:\AACCALC\gamb 12.5.LOT
Scenario :

Model Information:

Woodlot File : Release3.100 - January 2002
Woodlot Version : Release3.100 - January 2002 - WIN95/98/ME/NT4/2000/XP
VDYP Version : Prod 6.6d4
TIPSY Version : 3.0a

Summary:

Total Net Area : 337.7 ha
Netdown Area : 303.9 ha
MAI Existing : 7.49 m³/ha/year
MAI Future : 8.69 m³/ha/year
Harvest Rate : 2,679 m³/year

1.0 Introduction

This section summarises information used to calculate a long term harvest rate on Woodlot Licence No. . The calculated harvest rate can be used to assist in determining the allowable annual cut (AAC). It should be assessed in light of the assumptions used, social and economic considerations in determining the AAC.

Refer to "Section 6.0" for definition of column headers.

2.0 Polygon Data

a) General Information and Current Volumes

Polygon	Own	Area (ha)	Current Age	VAF	PSYU	FIZ	Mgmt Type	Silv Sys	Vol/ha (m ³ /ha)	Volume (m ³)
92g043 487	C	0.8	158	1.00	0194	B	V/T	CC	831	664
92g043 488	C	6.4	88	1.00	0194	B	V/T	CC	760	4,865
92g043 490	C	10.2	126	1.00	0194	B	V/T	CC	706	7,198
92g043 491	C	12.4	108	1.00	0194	B	V/T	CC	516	6,395
92g043 492	C	5.0	48	1.00	0194	B	V/T	CC	223	1,113
92g043 496	C	0.9	108	1.00	0194	B	V/T	CC	805	724
92g043 497	C	0.4	88	1.00	0194	B	V/T	CC	305	122
92g043 510	C	5.9	136	1.00	0194	B	V/T	CC	476	2,808
92g043 511	C	2.2	86	1.00	0194	B	V/T	CC	291	640
92g043 516	C	23.6	126	1.00	0194	B	V/T	CC	736	17,374
92g043 521	C	18.0	94	1.00	0194	B	V/T	CC	307	5,524
92g043 522	C	4.4	108	1.00	0194	B	V/T	CC	489	2,149
92g043 524	C	5.0	76	1.00	0194	B	V/T	CC	528	2,641
92g043 528	C	3.5	58	1.00	0194	B	V/T	CC	328	1,148
92g043 529	C	10.4	108	1.00	0194	B	V/T	CC	709	7,378
92g043 531	C	0.5	108	1.00	0194	B	V/T	CC	580	290
92g043 534	C	7.6	96	1.00	0194	B	V/T	CC	970	7,372
92g043 535	C	9.6	126	1.00	0194	B	V/T	CC	825	7,922
92g043 536	C	0.8	58	1.00	0194	B	V/T	CC	109	87
92g043 545	C	0.6	96	1.00	0194	B	V/T	CC	893	536
92g043 547	C	3.4	108	1.00	0194	B	V/T	CC	628	2,135

92g043 548	C	1.1	128	1.00	0194	B	V/T	CC	400	440
92g043 550	C	1.6	58	1.00	0194	B	V/T	CC	328	525
92g043 551	C	8.7	96	1.00	0194	B	V/T	CC	970	8,439
92g043 552	C	10.6	96	1.00	0194	B	V/T	CC	906	9,600
92g043 553	C	4.8	108	1.00	0194	B	V/T	CC	628	3,013
92g043 554	C	0.7	88	1.00	0194	B	V/T	CC	271	190
92g043 555	C	26.4	108	1.00	0194	B	V/T	CC	894	23,588
92g043 556	C	2.7	76	1.00	0194	B	V/T	CC	610	1,647
92g043 557	C	2.0	108	1.00	0194	B	V/T	CC	894	1,787
92g043 558	C	0.1	96	1.00	0194	B	V/T	CC	633	63
92g043 559	C	9.7	98	1.00	0194	B	V/T	CC	765	7,419
92g043 560	C	9.2	76	1.00	0194	B	V/T	CC	450	4,138
92g043 561	C	20.7	76	1.00	0194	B	V/T	CC	593	12,279
92g043 565	C	5.0	58	1.00	0194	B	V/T	CC	465	2,323
92g043 566	C	5.4	88	1.00	0194	B	V/T	CC	571	3,083
92g043 567	C	5.2	88	1.00	0194	B	V/T	CC	486	2,528
92g043 568	C	27.4	86	1.00	0194	B	V/T	CC	711	19,468
92g043 584	C	10.4	208	1.00	0194	B	V/T	CC	894	9,292
92g043 592	C	5.0	88	1.00	0194	B	V/T	CC	858	4,290
92g043 654	C	3.0	58	1.00	0194	B	V/T	CC	428	1,283
92g043 803	C	12.0	1	---	----	B	T/T	CC	0	0
92g043 804	C	6.0	1	---	----	B	T/T	CC	0	0
92g043 805	C	5.5	6	---	----	B	T/T	CC	0	0
92g043 813	C	3.8	1	---	----	B	T/T	CC	0	0
92g043 812	C	5.2	1	---	----	B	T/T	CC	0	0
92g043 581	C	3.8	104	1.00	0194	B	V/T	CC	758	2,880
92g043 588	C	10.1	134	1.00	0194	B	V/T	CC	860	8,683
Crown (C)		337.7								206,043
Private (P)		0.0								0
Top-Up (T)		0.0								0
Other (O)		0.0								0
TOTAL		337.7								206,043

b) VDYP (unmanaged) Specific

Polygon	SI (m)	CC (%)	Stk Cls	S1	%	S2	%	S3	%	S4	%	S5	%	S6	%
92g043 487	24.9	70	1	HW	50	CW	40	FD	10						
92g043 488	27.8	70	1	HW	60	FD	40								
92g043 490	26.6	50	1	HW	80	MB	10	FD	10						
92g043 491	38.2	60	1	MB	70	HW	20	FD	10						
92g043 492	19.7	80	1	HW	90	DR	10								
92g043 496	30.5	70	1	FD	60	HW	20	DR	10	MB	10				
92g043 497	26.9	80	1	DR	90	MB	10								
92g043 510	21.5	60	1	MB	40	CW	30	HW	20	FD	10				
92g043 511	28.3	70	1	DR	70	MB	30								
92g043 516	26.6	50	1	HW	80	FD	10	MB	10						
92g043 521	27.0	80	1	DR	90	MB	10								
92g043 522	23.1	70	1	HW	50	MB	40	FD	10						
92g043 524	23.1	70	1	HW	70	FD	30								
92g043 528	21.5	70	1	HW	90	DR	10								
92g043 529	26.7	60	1	HW	80	FD	10	MB	10						
92g043 531	26.1	50	1	CW	50	HW	30	MB	20						
92g043 534	34.1	70	1	FD	60	HW	40								
92g043 535	33.0	60	1	FD	40	HW	30	MB	20	DR	10				
92g043 536	16.0	60	1	PL	60	FD	40								
92g043 545	34.1	60	1	FD	60	HW	30	MB	10						
92g043 547	33.1	60	1	MB	40	CW	30	FD	20	HW	10				
92g043 548	20.2	50	1	PL	70	FD	30								
92g043 550	21.5	70	1	HW	90	DR	10								
92g043 551	34.1	70	1	FD	60	HW	40								
92g043 552	34.1	70	1	FD	50	HW	40	MB	10						
92g043 553	33.1	60	1	MB	40	CW	30	FD	20	HW	10				
92g043 554	23.3	80	1	DR	80	MB	20								
92g043 555	30.5	70	1	FD	60	HW	40								

92g043 556	25.6	70	1	HW	70	FD	30								
92g043 557	30.5	70	1	FD	60	HW	40								
92g043 558	28.6	60	1	CW	60	HW	20	MB	20						
92g043 559	26.8	60	1	HW	60	FD	40								
92g043 560	21.5	60	1	HW	60	FD	30	PL	10						
92g043 561	25.6	60	1	HW	70	FD	30								
92g043 565	27.1	70	1	HW	80	CW	20								
92g043 566	26.9	80	1	DR	60	HW	40								
92g043 567	22.4	60	1	HW	50	CW	40	FD	10						
92g043 568	28.2	70	1	HW	80	FD	20								
92g043 584	23.0	50	1	HW	60	FD	40								
92g043 592	32.6	70	1	FD	60	HW	40								
92g043 654	25.2	80	1	HW	80	CW	20								
92g043 803															
92g043 804															
92g043 805															
92g043 813															
92g043 812															
92g043 581	32.0	60	1	FD	80	HW	10	CW	10						
92g043 588	28.0	50	1	HW	80	FD	20								

c) TIPSy (Managed) Specific

Polygon	SI (m)	Dens (s/ha)	Thin (s/ha)	Regen	S1	%	S2	%	S3	%	S4	%	S5	%
92g043 487	25.0	1,000	n/a	Planted	FD	70	CW	30						
92g043 488	28.0	1,000	n/a	Planted	FD	70	CW	30						
92g043 490	27.0	1,000	n/a	Planted	FD	70	CW	30						
92g043 491	38.0	1,000	n/a	Planted	FD	60	CW	40						
92g043 492	20.0	1,000	n/a	Planted	FD	100								
92g043 496	30.0	1,000	n/a	Planted	FD	60	CW	40						
92g043 497	30.0	1,000	n/a	Planted	FD	60	CW	40						
92g043 510	22.0	1,000	n/a	Planted	FD	100								
92g043 511	30.0	1,000	n/a	Planted	FD	60	CW	40						
92g043 516	27.0	1,000	n/a	Planted	FD	70	CW	30						
92g043 521	30.0	1,000	n/a	Planted	FD	60	CW	40						
92g043 522	23.0	1,000	n/a	Planted	FD	80	CW	20						
92g043 524	23.0	1,000	n/a	Planted	FD	80	CW	20						
92g043 528	21.0	1,000	n/a	Planted	FD	100								
92g043 529	27.0	1,000	n/a	Planted	FD	70	CW	30						
92g043 531	26.0	1,000	n/a	Planted	FD	70	CW	30						
92g043 534	34.0	1,000	n/a	Planted	FD	60	CW	40						
92g043 535	33.0	1,000	n/a	Planted	FD	60	CW	40						
92g043 536	16.0	1,000	n/a	Planted	FD	100								
92g043 545	34.0	331	n/a	Planted	FD	60	CW	40						
92g043 547	33.0	1,000	n/a	Planted	FD	60	CW	40						
92g043 548	20.0	1,000	n/a	Planted	FD	100								
92g043 550	21.0	1,000	n/a	Planted	FD	100								
92g043 551	34.0	1,000	n/a	Planted	FD	60	CW	40						
92g043 552	34.0	1,000	n/a	Planted	FD	60	CW	40						
92g043 553	33.0	1,000	n/a	Planted	FD	60	CW	40						
92g043 554	30.0	1,000	n/a	Planted	FD	80	CW	20						
92g043 555	30.0	1,000	n/a	Planted	FD	60	CW	40						
92g043 556	26.0	1,000	n/a	Planted	FD	80	CW	20						
92g043 557	30.0	1,000	n/a	Planted	FD	60	CW	40						
92g043 558	29.0	1,000	n/a	Planted	FD	70	CW	30						
92g043 559	27.0	1,000	n/a	Planted	FD	70	CW	30						
92g043 560	22.0	1,000	n/a	Planted	FD	100								
92g043 561	26.0	1,000	n/a	Planted	FD	80	CW	20						
92g043 565	27.0	1,000	n/a	Planted	FD	70	CW	30						
92g043 566	27.0	1,000	n/a	Planted	FD	70	CW	30						
92g043 567	22.0	1,000	n/a	Planted	FD	100								
92g043 568	28.0	1,000	n/a	Planted	FD	70	CW	30						
92g043 584	23.0	1,000	n/a	Planted	FD	100								

e) Polygon Yields

Polygon	Yield Ex/Fut	Cur Age	Vol (m³/ha)	MAI (m³/ha/yr)	Target Age	Vol (m³/ha)	MAI (m³/ha/yr)	PC %	Reentry Year
92g043 487	VDYP	79	527	6.67	[79]	527	6.67		
	TIPSY	100	668	6.68	[100]	668	6.68		
92g043 488	VDYP	68	605	8.89	[68]	605	8.89		
	TIPSY	90	757	8.41	[90]	757	8.41		
92g043 490	VDYP	61	428	7.02	[61]	428	7.02		
	TIPSY	90	702	7.80	[90]	702	7.80		
92g043 491	VDYP	39	310	7.96	[40]	318	7.96		
	TIPSY	70	1,089	15.56	[70]	1,089	15.56		
92g043 492	VDYP	73	384	5.26	[73]	384	5.26		
	TIPSY	100	339	3.39	[100]	339	3.39		
92g043 496	VDYP	60	507	8.45	[60]	507	8.45		
	TIPSY	90	906	10.07	[90]	906	10.07		
92g043 497	VDYP	28	189	6.75	[40]	249	6.23		
	TIPSY	90	906	10.07	[90]	906	10.07		
92g043 510	VDYP	78	327	4.19	[78]	327	4.19		
	TIPSY	100	427	4.27	[100]	427	4.27		
92g043 511	VDYP	25	175	7.00	[40]	246	6.14		
	TIPSY	90	906	10.07	[90]	906	10.07		
92g043 516	VDYP	63	453	7.18	[63]	453	7.18		
	TIPSY	90	702	7.80	[90]	702	7.80		
92g043 521	VDYP	27	184	6.81	[40]	251	6.27		
	TIPSY	90	906	10.07	[90]	906	10.07		
92g043 522	VDYP	64	330	5.15	[64]	330	5.15		
	TIPSY	90	478	5.31	[90]	478	5.31		
92g043 524	VDYP	76	528	6.95	[76]	528	6.95		
	TIPSY	90	478	5.31	[90]	478	5.31		
92g043 528	VDYP	69	397	5.76	[69]	397	5.76		
	TIPSY	100	384	3.84	[100]	384	3.84		
92g043 529	VDYP	63	471	7.48	[63]	471	7.48		
	TIPSY	90	702	7.80	[90]	702	7.80		
92g043 531	VDYP	81	469	5.79	[81]	469	5.79		
	TIPSY	90	650	7.22	[90]	650	7.22		
92g043 534	VDYP	60	663	11.05	[60]	663	11.05		
	TIPSY	80	1,018	12.73	[80]	1,018	12.73		
92g043 535	VDYP	57	489	8.57	[57]	489	8.57		
	TIPSY	80	965	12.06	[80]	965	12.06		
92g043 536	VDYP	108	265	2.45	[108]	265	2.45		
	TIPSY	100	197	1.97	[100]	197	1.97		
92g043 545	VDYP	60	612	10.19	[60]	612	10.19		
	TIPSY	100	1,182	11.82	[100]	1,182	11.82		
92g043 547	VDYP	57	404	7.08	[57]	404	7.08		
	TIPSY	80	965	12.06	[80]	965	12.06		
92g043 548	VDYP	83	277	3.34	[83]	277	3.34		
	TIPSY	100	339	3.39	[100]	339	3.39		
92g043 550	VDYP	69	397	5.76	[69]	397	5.76		
	TIPSY	100	384	3.84	[100]	384	3.84		
92g043 551	VDYP	60	663	11.05	[60]	663	11.05		
	TIPSY	80	1,018	12.73	[80]	1,018	12.73		
92g043 552	VDYP	58	608	10.49	[58]	608	10.49		
	TIPSY	80	1,018	12.73	[80]	1,018	12.73		
92g043 553	VDYP	57	404	7.08	[57]	404	7.08		
	TIPSY	80	965	12.06	[80]	965	12.06		
92g043 554	VDYP	34	172	5.06	[40]	199	4.98		
	TIPSY	80	733	9.16	[80]	733	9.16		
92g043 555	VDYP	62	578	9.32	[62]	578	9.32		
	TIPSY	90	906	10.07	[90]	906	10.07		
92g043 556	VDYP	70	563	8.05	[70]	563	8.05		
	TIPSY	90	615	6.83	[90]	615	6.83		
92g043 557	VDYP	62	578	9.32	[62]	578	9.32		
	TIPSY	90	906	10.07	[90]	906	10.07		
92g043 558	VDYP	81	559	6.90	[81]	559	6.90		

	TIPSY	90	809	8.99	[90]	809	8.99		
92g043 559	VDYP	69	567	8.21	[69]	567	8.21		
	TIPSY	90	702	7.80	[90]	702	7.80		
92g043 560	VDYP	82	487	5.94	[82]	487	5.94		
	TIPSY	100	427	4.27	[100]	427	4.27		
92g043 561	VDYP	69	541	7.83	[69]	541	7.83		
	TIPSY	90	615	6.83	[90]	615	6.83		
92g043 565	VDYP	65	523	8.05	[65]	523	8.05		
	TIPSY	90	702	7.80	[90]	702	7.80		
92g043 566	VDYP	42	351	8.35	[42]	351	8.35		
	TIPSY	90	702	7.80	[90]	702	7.80		
92g043 567	VDYP	81	453	5.59	[81]	453	5.59		
	TIPSY	100	427	4.27	[100]	427	4.27		
92g043 568	VDYP	63	542	8.61	[63]	542	8.61		
	TIPSY	90	757	8.41	[90]	757	8.41		
92g043 584	VDYP	76	487	6.41	[76]	487	6.41		
	TIPSY	90	426	4.73	[90]	426	4.73		
92g043 592	VDYP	61	630	10.32	[61]	630	10.32		
	TIPSY	80	965	12.06	[80]	965	12.06		
92g043 654	VDYP	70	523	7.48	[70]	523	7.48		
	TIPSY	90	568	6.31	[90]	568	6.31		
92g043 803	TIPSY	90	740	8.22	[90]	1,412	4.03		
	TIPSY	90	740	8.22	[90]	740	8.22		
92g043 804	TIPSY	90	812	9.02	[90]	1,620	4.63		
	TIPSY	90	812	9.02	[90]	812	9.02		
92g043 805	TIPSY	90	702	7.80	[90]	1,309	3.74		
	TIPSY	90	702	7.80	[90]	702	7.80		
92g043 813	TIPSY	90	777	8.63	[90]	1,515	4.33		
	TIPSY	90	777	8.63	[90]	777	8.63		
92g043 812	TIPSY	90	885	9.83	[90]	1,826	5.22		
	TIPSY	90	885	9.83	[90]	885	9.83		
92g043 581	VDYP	68	534	7.85	[68]	534	7.85		
	TIPSY	80	870	10.88	[80]	870	10.88		
92g043 588	VDYP	63	509	8.08	[63]	509	8.08		
	TIPSY	90	757	8.41	[90]	757	8.41		
Average Existing			509	7.94		584	7.49		
Average Future			755	8.69		755	8.69		

3.0 Harvest Calculation Assumptions

a) Initial Cut Order (Default)

Polygon	Current Age	Target Age	Available for (yrs)
92g043 487	158	[79]	79
92g043 488	88	[68]	20
92g043 490	126	[61]	65
92g043 491	108	[40]	68
92g043 492	48	[73]	-25
92g043 496	108	[60]	48
92g043 497	88	[40]	48
92g043 510	136	[78]	58
92g043 511	86	[40]	46
92g043 516	126	[63]	63
92g043 521	94	[40]	54
92g043 522	108	[64]	44
92g043 524	76	[76]	0
92g043 528	58	[69]	-11
92g043 529	108	[63]	45
92g043 531	108	[81]	27
92g043 534	96	[60]	36
92g043 535	126	[57]	69

92g043 536	58	[108]	-50
92g043 545	96	[60]	36
92g043 547	108	[57]	51
92g043 548	128	[83]	45
92g043 550	58	[69]	-11
92g043 551	96	[60]	36
92g043 552	96	[58]	38
92g043 553	108	[57]	51
92g043 554	88	[40]	48
92g043 555	108	[62]	46
92g043 556	76	[70]	6
92g043 557	108	[62]	46
92g043 558	96	[81]	15
92g043 559	98	[69]	29
92g043 560	76	[82]	-6
92g043 561	76	[69]	7
92g043 565	58	[65]	-7
92g043 566	88	[42]	46
92g043 567	88	[81]	7
92g043 568	86	[63]	23
92g043 584	208	[76]	132
92g043 592	88	[61]	27
92g043 654	58	[70]	-12
92g043 803	1	[90]	-89
92g043 804	1	[90]	-89
92g043 805	6	[90]	-84
92g043 813	1	[90]	-89
92g043 812	1	[90]	-89
92g043 581	104	[68]	36
92g043 588	134	[63]	71

b) Harvest Constraints

Area Netdown : 10
Height Constraint : NONE
Age Constraint : NONE

c) Harvest Parameters (Global)

Minimum Harvest Age : 40 Years
Minimum Harvest Diameter : 15 cm
Minimum Harvest Vol/ha : 150 m³/ha
TIPSY OAF1 : 15%
TIPSY OAF2 : 12%
P.C. Adjustment Factor : 0.80
P.C. Harvest Ages : Manual - Set by user
Planning Horizon : 250 years

4.0 Harvest Calculation Results

a) Harvest Rate : 2679 m³/year

b) Harvest by Polygon: **

Polygon	Own	Queue	Rot	Harvest	Start	Harvest	Target	Actual	Actual	Total
				Area	Year	Length	Harvest	Harvest	Harvest	Harvest
				(ha)		(yr)	Age	Age	(m³/ha)	(m³)
92g043 487	C	CC	1	0.72	2002	0.22	[79]	158	831	598

92g043 488	C	CC	1	5.76	2002	1.64	[68]	88	760	4,399
92g043 490	C	CC	1	9.18	2003	2.44	[61]	127	708	6,542
92g043 491	C	CC	1	11.16	2006	2.18	[40]	112	522	5,841
92g043 496	C	CC	1	0.81	2008	0.25	[60]	114	831	673
92g043 497	C	CC	1	0.36	2008	0.04	[40]	94	306	110
92g043 510	C	CC	1	5.31	2008	0.97	[78]	142	487	2,595
92g043 511	C	CC	1	1.98	2009	0.22	[40]	93	291	577
92g043 516	C	CC	1	21.24	2009	6.07	[63]	133	756	16,257
92g043 521	C	CC	1	16.20	2016	1.86	[40]	108	307	4,977
92g043 522	C	CC	1	3.96	2017	0.77	[64]	123	519	2,060
92g043 524	C	CC	1	4.50	2018	1.06	[76]	92	628	2,842
92g043 528	C	CC	1	3.15	2019	0.51	[69]	75	430	1,362
92g043 529	C	CC	1	9.36	2020	2.70	[63]	126	769	7,225
92g043 531	C	CC	1	0.45	2022	0.11	[81]	128	638	287
92g043 534	C	CC	1	6.84	2023	2.80	[60]	117	1,093	7,507
92g043 535	C	CC	1	8.64	2025	2.83	[57]	149	874	7,577
92g043 492	C	CC	1	4.50	2028	0.66	[73]	74	390	1,764
92g043 545	C	CC	1	0.54	2029	0.21	[60]	123	1,031	557
92g043 547	C	CC	1	3.06	2029	0.81	[57]	135	708	2,169
92g043 548	C	CC	1	0.99	2030	0.16	[83]	156	433	428
92g043 550	C	CC	1	1.44	2030	0.26	[69]	86	483	696
92g043 551	C	CC	1	7.83	2030	3.31	[60]	124	1,126	8,876
92g043 552	C	CC	1	9.54	2034	3.77	[58]	128	1,055	10,113
92g043 553	C	CC	1	4.32	2037	1.18	[57]	143	729	3,159
92g043 554	C	CC	1	0.63	2039	0.06	[40]	125	274	172
92g043 555	C	CC	1	23.76	2039	9.22	[62]	145	1,030	24,692
92g043 556	C	CC	1	2.43	2048	0.79	[70]	122	866	2,104
92g043 557	C	CC	1	1.80	2049	0.71	[62]	155	1,051	1,892
92g043 558	C	CC	1	0.09	2049	0.03	[81]	143	803	72
92g043 559	C	CC	1	8.73	2049	3.16	[69]	145	965	8,471
92g043 536	C	CC	1	0.72	2052	0.07	[108]	108	265	192
92g043 560	C	CC	1	8.28	2053	2.16	[82]	127	698	5,797
92g043 561	C	CC	1	18.63	2055	6.09	[69]	129	866	16,316
92g043 565	C	CC	1	4.50	2061	1.35	[65]	117	801	3,610
92g043 566	C	CC	1	4.86	2062	1.26	[42]	148	695	3,382
92g043 567	C	CC	1	4.68	2063	1.21	[81]	149	692	3,249
92g043 568	C	CC	1	24.66	2065	9.08	[63]	149	975	24,315
92g043 584	C	CC	1	9.36	2074	3.32	[76]	280	950	8,892
92g043 592	C	CC	1	4.50	2077	1.96	[61]	163	1,166	5,254
92g043 654	C	CC	1	2.70	2079	0.84	[70]	135	829	2,243
92g043 581	C	CC	1	3.42	2080	1.22	[68]	182	952	3,258
92g043 588	C	CC	1	9.09	2081	3.41	[63]	213	1,004	9,139
92g043 491	C	CC	2	11.16	2084	5.18	[70]	77	1,198	13,865
92g043 805	C	CC	1	4.95	2090	1.36	[90]	94	732	3,635
92g043 803	C	CC	1	10.80	2091	3.03	[90]	90	740	8,116
92g043 804	C	CC	1	5.40	2094	1.70	[90]	93	838	4,565
92g043 813	C	CC	1	3.42	2096	1.05	[90]	95	819	2,807
92g043 812	C	CC	1	4.68	2097	1.66	[90]	96	943	4,439
92g043 488	C	CC	2	5.76	2098	1.75	[90]	96	802	4,677
92g043 490	C	CC	2	9.18	2100	2.59	[90]	96	746	6,951
92g043 487	C	CC	2	0.72	2103	0.18	[100]	101	674	485
92g043 496	C	CC	2	0.81	2103	0.29	[90]	95	950	769
92g043 497	C	CC	2	0.36	2103	0.13	[90]	95	950	342
92g043 511	C	CC	2	1.98	2103	0.70	[90]	94	941	1,877
92g043 516	C	CC	2	21.24	2104	5.86	[90]	92	717	15,690
92g043 510	C	CC	2	5.31	2110	0.86	[100]	102	434	2,313
92g043 521	C	CC	2	16.20	2111	5.88	[90]	95	950	15,761
92g043 522	C	CC	2	3.96	2117	0.77	[90]	99	524	2,075
92g043 524	C	CC	2	4.50	2117	0.89	[90]	99	524	2,379
92g043 529	C	CC	2	9.36	2118	2.68	[90]	97	754	7,172
92g043 528	C	CC	2	3.15	2121	0.46	[100]	101	388	1,221
92g043 531	C	CC	2	0.45	2121	0.12	[90]	99	715	324
92g043 534	C	CC	2	6.84	2122	3.15	[80]	98	1,220	8,428
92g043 535	C	CC	2	8.64	2125	3.82	[80]	99	1,169	10,229
92g043 492	C	CC	2	4.50	2129	0.58	[100]	101	342	1,540
92g043 545	C	CC	2	0.54	2129	0.24	[100]	100	1,182	638

92g043 547	C	CC	2	3.06	2129	1.35	[80]	99	1,169	3,608
92g043 548	C	CC	2	0.99	2131	0.13	[100]	101	342	339
92g043 550	C	CC	2	1.44	2131	0.21	[100]	101	388	558
92g043 551	C	CC	2	7.83	2131	3.65	[80]	99	1,231	9,772
92g043 552	C	CC	2	9.54	2135	4.45	[80]	99	1,231	11,910
92g043 553	C	CC	2	4.32	2139	1.93	[80]	101	1,188	5,172
92g043 554	C	CC	2	0.63	2141	0.21	[80]	102	906	571
92g043 555	C	CC	2	23.76	2141	8.92	[90]	97	967	23,897
92g043 556	C	CC	2	2.43	2150	0.63	[90]	102	692	1,688
92g043 557	C	CC	2	1.80	2151	0.68	[90]	102	1,009	1,816
92g043 558	C	CC	2	0.09	2152	0.03	[90]	103	909	82
92g043 559	C	CC	2	8.73	2152	2.59	[90]	102	789	6,935
92g043 536	C	CC	2	0.72	2154	0.05	[100]	102	201	144
92g043 560	C	CC	2	8.28	2154	1.33	[100]	100	427	3,559
92g043 561	C	CC	2	18.63	2156	4.72	[90]	98	667	12,646
92g043 565	C	CC	2	4.50	2160	1.29	[90]	98	761	3,452
92g043 566	C	CC	2	4.86	2162	1.41	[90]	100	776	3,781
92g043 568	C	CC	2	24.66	2163	7.42	[90]	93	780	19,886
92g043 567	C	CC	2	4.68	2170	0.79	[100]	106	449	2,116
92g043 584	C	CC	2	9.36	2171	1.58	[90]	95	449	4,236
92g043 592	C	CC	2	4.50	2173	1.90	[80]	95	1,127	5,100
92g043 654	C	CC	2	2.70	2175	0.60	[90]	95	599	1,617
92g043 581	C	CC	2	3.42	2175	1.31	[80]	95	1,016	3,498
92g043 588	C	CC	2	9.09	2177	2.72	[90]	95	795	7,285
92g043 491	C	CC	3	11.16	2179	5.94	[70]	92	1,390	15,912
92g043 805	C	CC	2	4.95	2185	1.38	[90]	95	739	3,688
92g043 803	C	CC	2	10.80	2187	3.17	[90]	95	779	8,505
92g043 804	C	CC	2	5.40	2190	1.73	[90]	95	856	4,646
92g043 813	C	CC	2	3.42	2191	1.06	[90]	95	819	2,828
92g043 812	C	CC	2	4.68	2193	1.64	[90]	95	934	4,387
92g043 488	C	CC	3	5.76	2194	1.73	[90]	95	795	4,621
92g043 490	C	CC	3	9.18	2196	2.54	[90]	94	732	6,793
92g043 496	C	CC	3	0.81	2198	0.29	[90]	95	950	775
92g043 497	C	CC	3	0.36	2199	0.13	[90]	96	958	345
92g043 511	C	CC	3	1.98	2199	0.70	[90]	95	950	1,881
92g043 516	C	CC	3	21.24	2200	5.89	[90]	93	724	15,770
92g043 487	C	CC	3	0.72	2205	0.18	[100]	102	679	492
92g043 521	C	CC	3	16.20	2206	5.71	[90]	92	923	15,306
92g043 510	C	CC	3	5.31	2211	0.86	[100]	101	431	2,303
92g043 522	C	CC	3	3.96	2212	0.75	[90]	95	504	2,006
92g043 524	C	CC	3	4.50	2213	0.85	[90]	95	504	2,274
92g043 529	C	CC	3	9.36	2214	2.58	[90]	94	732	6,921
92g043 531	C	CC	3	0.45	2216	0.11	[90]	94	679	305
92g043 534	C	CC	3	6.84	2216	3.01	[80]	92	1,157	8,057
92g043 535	C	CC	3	8.64	2220	3.61	[80]	93	1,106	9,672
92g043 528	C	CC	3	3.15	2223	0.46	[100]	102	391	1,235
92g043 547	C	CC	3	3.06	2224	1.28	[80]	94	1,116	3,424
92g043 551	C	CC	3	7.83	2225	3.43	[80]	92	1,157	9,186
92g043 552	C	CC	3	9.54	2228	4.17	[80]	91	1,147	11,172
92g043 492	C	CC	3	4.50	2232	0.59	[100]	103	349	1,584
92g043 545	C	CC	3	0.54	2233	0.25	[100]	104	1,225	661
92g043 548	C	CC	3	0.99	2233	0.13	[100]	102	346	342
92g043 550	C	CC	3	1.44	2233	0.21	[100]	102	391	567
92g043 553	C	CC	3	4.32	2234	1.81	[80]	94	1,116	4,844
92g043 554	C	CC	3	0.63	2235	0.20	[80]	94	849	538
92g043 555	C	CC	3	23.76	2236	8.33	[90]	90	906	22,302
92g043 556	C	CC	3	2.43	2244	0.58	[90]	94	641	1,559
92g043 557	C	CC	3	1.80	2245	0.63	[90]	93	932	1,678
92g043 558	C	CC	3	0.09	2245	0.03	[90]	93	833	75
92g043 559	C	CC	3	8.73	2245	2.37	[90]	92	717	6,344
92g043 561	C	CC	3	18.63	2248	4.36	[90]	90	615	11,669
92g043 565	C	CC	3	2.19	2252	0.58	[90]	91	709	1,555

c) Polygons not harvested

Polygon	Own	Harvest	Reason
		Area (ha)	
Total		0.0	

d) Actual average Harvest with constraints and non harvest years over 250 year planning horizon:

Ownership	Harvest	Conifer	Deciduous	Total	Average
	Area (ha)	(m³)	(m³)	(m³)	(m³/yr)
Crown	303.9	649,261	23,173	672,434	2,679
Private	0.0	0	0	0	0
Top-Up	0.0	0	0	0	0
Other	0.0	0	0	0	0
Total	303.9	649,261	23,173	672,434	2,679
Average		2,586	92	2,679	

Hanzlik Rate : 2,115 m³/year

** Net of decay, waste, breakage, VAF and OAFs

e) Age Constraints Not Met During the following Period(s)

Age constraints are disabled

f) Height Constraints Not Met During the following Period(s)

Height constraints are disabled

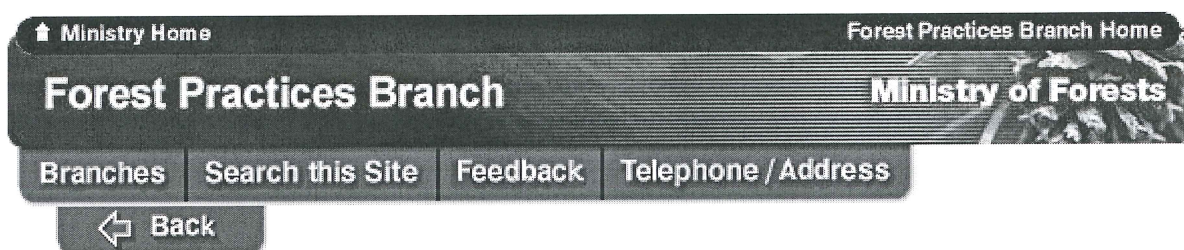
5.0 Conclusions

Enter your conclusions to the user of this section on your observations about the upward or downward bias of the assumptions used to calculate the results. Open this report.txt file in the 'Note Pad' program or into Word for Windows to edit.

6.0 Report Abbreviations

Term	Definition
%	Species Composition Percent
[]	Default Variable
(s/ha)	Stems/ha
Available for	Number of years the polygon has been ready to harvest
CC	Clearcut
CT	Commercial Thin
Dens	Initial Density (stems/ha)
FIZ	Forest Inventory Zone
Harvest Area (ha)	Area reduced by the area netdown.
MAI	Mean Annual Increment (m³/ha/yr)
Mgmt Type	Management Type (VDYP / TIPSU / NC / NSR)
NC	Non Commercial
NSR	Non Satisfactory Regeneration
PC	Partial Cut
PC%	Partial Cut percent to harvest
PC1	First Partial Cut
PSYU	Public Sustained Yield Unit

Queue	Reason for harvest (CC, PC1, Sub PC, CT, Road, NSR, NC)
Reentry	Number of years to wait before reentering a partial cut
Regen	Regeneration Type (Natural / Planted)
Road	Road net down
S1-S6	Species Codes 1 to 6
SI	Site Index
Silv Sys	Silviculture System (CC, PC)
Stk Cls	Stocking Class (0 to 4 or R)
Sub PC	Subsequent Partial Cut
Target Age	Target harvest age. The actual harvest age will depend on the time the simulation harvests the polygon. See section 4(b) for actual harvest ages.
Thin	Pre-commercial thin to density (stems/ha)
TIPSY	Table Interpolation Program for Stand Yields
VAF	Volume Adjustment Factor
VDYP	Variable Density Yield Projection



Reference Guide for Forest Development Plan Stocking Standards

LINKS TO STANDARDS POSTED ON THE MOF FTP SERVER:

- [Chief Forester's Letter](#) (pdf, 276 k, posted Dec.17, 2002)
 - [FS 789 FDP Stocking Standards Form](#)
 - [Fillable Shana Electronic Form](#)
 - [Printable Version of FS 789](#) (pdf, 73 k, posted Dec.17, 2002)
 - [Appendix 1](#) (ppt, 53 k, posted Dec. 17, 2002)
- [Reference Guide for Forest Development Plan Stocking Standards](#) (Excel 97, 967 k, posted Dec.12, 2002)
- [INTRODUCTION](#) (pdf, 11 k, posted Dec.12, 2002)
- [REGIONAL STOCKING STANDARDS](#)
 - [Cariboo Region](#) (pdf, 70 k, posted Dec.12, 2002)
 - [Kamloops Region](#) (pdf, 74 k, posted Dec.12, 2002)
 - [Nelson Region](#) (pdf, k, posted Dec.12, 2002)
 - [Prince George Region](#) (pdf, 78 k, posted Dec.12, 2002)
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- [OTHER STOCKING STANDARDS](#)
 - [Single Tree Selection](#) (pdf, 8 k, posted Dec.12, 2002)
 - [Sample Habitat Stocking Standards](#) (pdf, 11 k, posted Dec.12, 2002)
- [FOOTNOTES](#) (pdf, 10 k, posted Dec.12, 2002)
- [TRAINING](#)
 - [Guide to Developing FDP Stocking Standards](#) (ppt, 5.7 mb, posted Jan 3, 2003)

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Contact [Tim Ebata](#) if you have comments on the presentation of this information.

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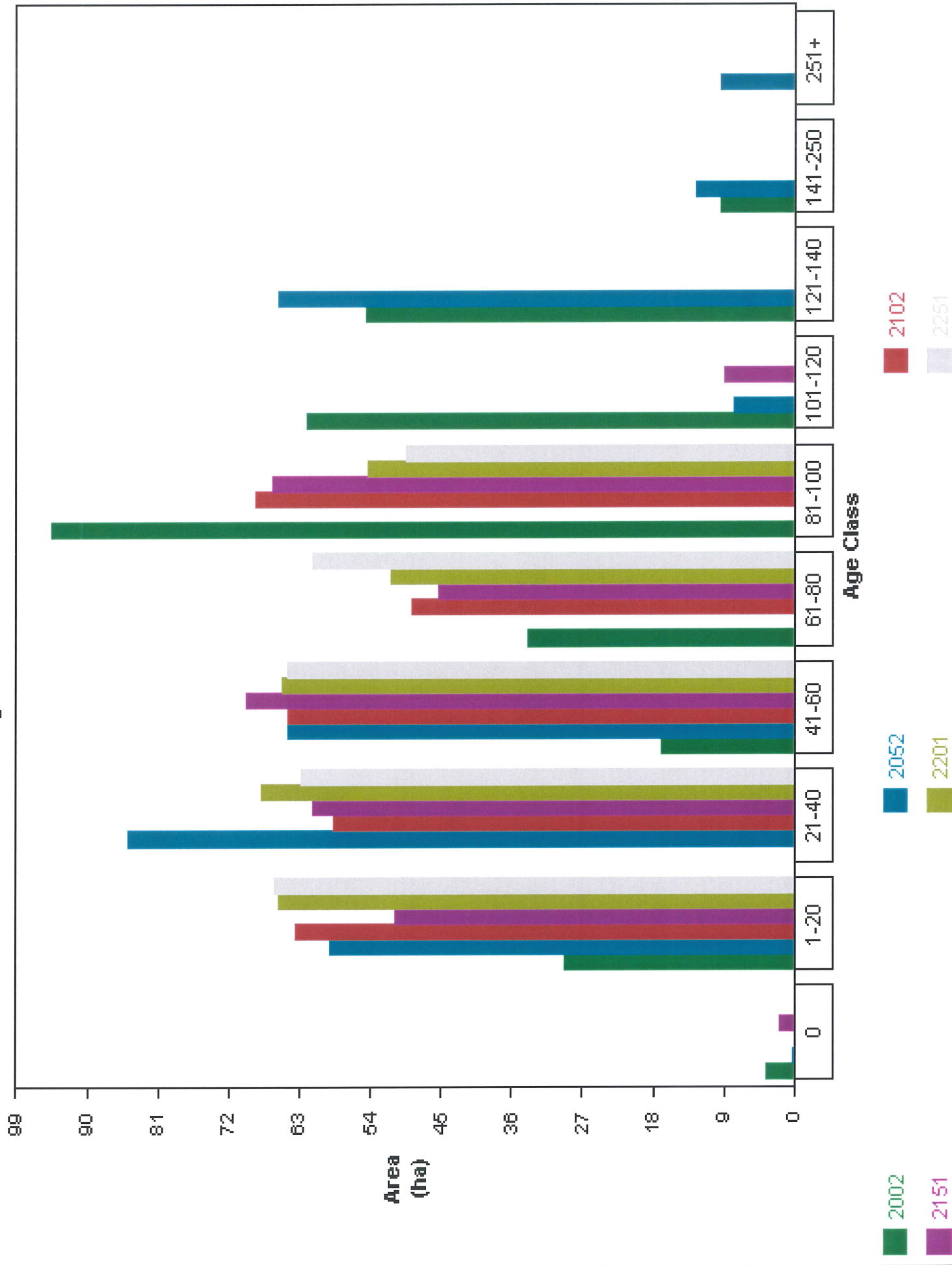
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Age Class Distribution



Standing Volume / Year

