



File: ORCS 19720-50/W2069

February 4, 2014

To: Eligible Persons Submitting Applications to the
District Manager for Woodlot Licence W2069

**Subject: District Manager Acceptance of Timber Supply Analysis for Proposed
Woodlot Licence W2069 Located on Gambier Island**

My acceptance of the Woodlot Licence Harvesting and Planning Report for Woodlot Licence W2069 is not to be considered an Allowable Annual Cut (AAC) Determination. The recommended AAC in the attached timber supply analysis report will be applied against the Sunshine Coast Apportionment for small tenures assigned to woodlot licences and community forest agreements.



I have reviewed the timber supply analysis for proposed Woodlot Licence W2069 and I have found the proposed AAC to be reasonable for the purposes of providing the successful bidder with guidance in the submission of their management plan and AAC proposal for Woodlot Licence W2069.

It is important to understand that my final AAC determination for Woodlot Licence W2069 will be based on the successful bidder's management plan submission and AAC proposal and may vary from the indicated AAC in the included timber supply analysis.

Yours truly,

Mark Anderson, R.P.F.
District Manager
Sunshine Coast District

Attachments

Woodlot Licence Harvest Planning Report Woodlot W2069

Date : 18 February, 2013

Woodlot Licence# : W2069 Eakins Point Woodlot
 Forest District : Sunshine Coast District
 Company : Ministry of Forests, Lands and Natural Resource Operations
 User : Brian Kukulies
 Woodlot File : H:\W2069\Eakins Point Woodlot Base.lot
 Scenario : 1

Model Information:

Woodlot File : Release3.226 - March 29, 2007
 Woodlot Version : Release3.226 - March 29, 2007 - WIN95/98/ME/2000/XP
 VDYP Version : Prod 6.6d4
 TIPSYS Version : 3.2m

Summary:

Total Net Area : 696.0 ha
 Netdown Area : 546.7 ha
 MAI Existing : 4.82 m³/ha/year
 MAI Future : 4.49 m³/ha/year
 Harvest Rate : 3,034 m³/year

1.0 Introduction

This section summarises information used to calculate a long term harvest rate on Woodlot Licence No. W2069 Eakins Point Gambier Island. 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 (m³/ha)	Volume (m³)
092G044 3	C	2.4	100	1.00	0194	B	V/T	CC	503	1,206
092G044 4	C	0.1	100	1.00	0194	B	V/T	CC	507	51
092G044 7	C	3.0	100	1.00	0194	B	V/T	CC	503	1,510
092G044 9	C	10.6	130	1.00	0194	B	V/T	CC	217	2,298
092G044 10	C	6.8	175	1.00	0194	B	V/T	CC	353	2,403
092G044 11	C	1.3	75	1.00	0194	B	V/T	CC	83	108
092G044 14	C	11.8	65	1.00	0194	B	V/T	CC	264	3,120
092G044 16	C	18.1	70	1.00	0194	B	V/T	CC	205	3,712
092G044 17	C	7.1	60	1.00	0194	B	V/T	CC	277	1,963
092G044 19	C	3.9	160	1.00	0194	B	V/T	CC	782	3,048
092G044 24	C	3.8	150	1.00	0194	B	V/T	CC	542	2,058
092G044 28	C	0.7	150	1.00	0194	B	V/T	CC	874	612
092G054 190	C	0.6	100	1.00	0194	B	V/T	CC	523	314
092G054 192	C	2.1	100	1.00	0194	B	V/T	CC	744	1,563
092G054 193	C	21.6	120	1.00	0194	B	V/T	CC	614	13,269
092G054 194	C	12.9	120	1.00	0194	B	V/T	CC	627	8,092
092G054 195	C	5.2	90	1.00	0194	B	V/T	CC	467	2,429
092G054 197	C	17.4	130	1.00	0194	B	V/T	CC	553	9,626
092G054 198	C	2.0	100	1.00	0194	B	V/T	CC	389	778
092G054 201	C	1.0	120	1.00	0194	B	V/T	CC	599	599
092G054 202	C	1.6	110	1.00	0194	B	V/T	CC	384	614

092G054 203	C	2.8	80	1.00	0194	B	V/T	CC	321	900
092G054 204	C	16.1	110	1.00	0194	B	V/T	CC	479	7,705
092G054 205	C	38.6	120	1.00	0194	B	V/T	CC	619	23,874
092G054 206	C	11.4	130	1.00	0194	B	V/T	CC	613	6,988
092G054 207	C	3.8	60	1.00	0194	B	V/T	CC	281	1,069
092G054 208	C	16.4	90	1.00	0194	B	V/T	CC	564	9,256
092G054 209	C	5.7	80	1.00	0194	B	V/T	CC	421	2,397
092G054 210	C	2.9	70	1.00	0194	B	V/T	CC	375	1,087
092G054 211	C	7.0	100	1.00	0194	B	V/T	CC	721	5,048
092G054 212	C	0.8	80	1.00	0194	B	V/T	CC	535	428
092G054 214	C	0.8	80	1.00	0194	B	V/T	CC	551	441
092G054 224	C	0.1	80	1.00	0194	B	V/T	CC	283	28
092G054 227	C	5.0	75	1.00	0194	B	V/T	CC	223	1,115
092G054 228	C	15.4	60	1.00	0194	B	V/T	CC	272	4,190
092G054 229	C	4.7	160	1.00	0194	B	V/T	CC	782	3,673
092G054 230	C	1.0	80	1.00	0194	B	V/T	CC	283	283
092G054 236	C	7.2	100	1.00	0194	B	V/T	CC	635	4,574
092G054 237	C	4.8	80	1.00	0194	B	V/T	CC	386	1,852
092G054 238	C	3.1	60	1.00	0194	B	V/T	CC	201	624
092G054 239	C	23.0	80	1.00	0194	B	V/T	CC	279	6,426
092G054 240	C	4.1	80	1.00	0194	B	V/T	CC	574	2,354
092G054 242	C	5.0	80	1.00	0194	B	V/T	CC	477	2,386
092G054 243	C	5.7	60	1.00	0194	B	V/T	CC	194	1,105
092G054 245	C	11.8	100	1.00	0194	B	V/T	CC	326	3,849
092G054 246	C	9.4	100	1.00	0194	B	V/T	CC	536	5,042
092G054 247	C	9.1	70	1.00	0194	B	V/T	CC	203	1,844
092G054 248	C	16.4	80	1.00	0194	B	V/T	CC	382	6,263
092G054 249	C	46.6	80	1.00	0194	B	V/T	CC	434	20,234
092G054 251	C	7.4	90	1.00	0194	B	V/T	CC	472	3,492
092G054 252	C	9.8	90	1.00	0194	B	V/T	CC	537	5,267
092G054 253	C	9.4	150	1.00	0194	B	V/T	CC	492	4,622
092G054 254	C	7.2	150	1.00	0194	B	V/T	CC	751	5,409
092G054 255	C	11.4	130	1.00	0194	B	V/T	CC	747	8,514
092G054 256	C	38.2	160	1.00	0194	B	V/T	CC	694	26,515
092G054 257	C	6.4	130	1.00	0194	B	V/T	CC	724	4,633
092G054 258	C	1.9	100	1.00	0194	B	V/T	CC	299	568
092G054 259	C	3.3	100	1.00	0194	B	V/T	CC	650	2,145
092G054 267	C	1.4	100	1.00	0194	B	V/T	CC	533	746
092G054 268	C	4.0	90	1.00	0194	B	V/T	CC	472	1,888
092G054 269	C	21.9	100	1.00	0194	B	V/T	CC	487	10,670
092G054 271	C	0.5	80	1.00	0194	B	V/T	CC	534	267
092G054 275	C	0.2	80	1.00	0194	B	V/T	CC	430	86
092G054 276	C	7.1	80	1.00	0194	B	V/T	CC	514	3,647
092G054 277	C	5.3	80	1.00	0194	B	V/T	CC	404	2,142
092G054 279	C	0.7	100	1.00	0194	B	V/T	CC	375	263
092G043 577	C	0.1	220	1.00	0194	B	V/T	CC	683	68
092G043 643	C	11.2	130	1.00	0194	B	V/T	CC	305	3,419
092G053 646	C	17.9	100	1.00	0194	B	V/T	CC	611	10,930
092G053 650	C	4.6	90	1.00	0194	B	V/T	CC	664	3,053
092G053 651	C	4.1	80	1.00	0194	B	V/T	CC	426	1,745
092G053 652	C	5.2	70	1.00	0194	B	V/T	CC	287	1,492
092G053 660	C	6.0	100	1.00	0194	B	V/T	CC	448	2,687
092G053 662	C	3.5	80	1.00	0194	B	V/T	CC	480	1,681
092G053 663	C	2.8	80	1.00	0194	B	V/T	CC	388	1,085
092G043 666	C	4.5	65	1.00	0194	B	V/T	CC	217	978
092G043 667	C	2.2	100	1.00	0194	B	V/T	CC	179	394
092G043 668	C	5.1	100	1.00	0194	B	V/T	CC	172	876
092G053 669	C	3.8	100	1.00	0194	B	V/T	CC	368	1,398
092G053 670	C	1.3	100	1.00	0194	B	V/T	CC	180	234
092G043 671	C	5.3	75	1.00	0194	B	V/T	CC	83	441
092G053 674	C	4.4	100	1.00	0194	B	V/T	CC	507	2,233
092G043 906	C	0.5	100	1.00	0194	B	V/T	CC	507	254
092G043 907	C	0.1	100	1.00	0194	B	V/T	CC	273	27
092G053 1008	C	0.8	110	1.00	0194	B	V/T	CC	539	431
092G053 1009	C	1.0	80	1.00	0194	B	V/T	CC	320	320
092G053 1010	C	4.7	65	1.00	0194	B	V/T	CC	478	2,248

092G053_1011	C	2.3	80	1.00	0194	B	V/T	CC	324	745
092G054_1027	C	8.8	100	1.00	0194	B	V/T	CC	439	3,867
092G054_1028	C	12.1	65	1.00	0194	B	V/T	CC	401	4,856
092G054_1029	C	2.0	80	1.00	0194	B	V/T	CC	324	648
092G054_1030	C	7.2	100	1.00	0194	B	V/T	CC	448	3,224
092G054_1032	C	0.8	80	1.00	0194	B	V/T	CC	480	384
092G054_1033	C	3.5	80	1.00	0194	B	V/T	CC	388	1,357
Lake	O	14.0	80	1.00	0194	B	NC/V	CC	0	0
Rock	O	2.3	80	1.00	0194	B	NC/V	CC	0	0
092G053_646A	C	4.9	1	1.00	0194	B	V/T	CC	0	0
092G054_204A	C	0.2	1	1.00	0194	B	V/T	CC	0	0
Crown (C)		679.7								316,356
Private (P)		0.0								0
Top-Up (T)		0.0								0
Other (O)		16.3								0
TOTAL		696.0								316,356

b) VDYP (unmanaged) Specific

Polygon	SI (m)	CC (%)	Stk Cls	S1	%	S2	%	S3	%	S4	%	S5	%	S6	%
092G044_3	24.5	60	1	FD	90	CW	10								
092G044_4	20.1	50	1	HW	70	FD	20	CW	10						
092G044_7	22.6	70	1	FD	70	CW	20	HW	10						
092G044_9	14.4	30	1	FD	95	HW	5								
092G044_10	15.3	50	1	FD	75	HW	25								
092G044_11	11.5	40	1	HW	60	FD	40								
092G044_14	18.7	70	1	HW	45	FD	45	CW	10						
092G044_16	15.2	70	1	HW	65	FD	30	CW	5						
092G044_17	20.9	50	1	HW	50	FD	40	CW	10						
092G044_19	25.2	50	1	CW	40	FD	30	HW	30						
092G044_24	20.4	50	1	FD	60	HW	40								
092G044_28	27.0	70	1	FD	60	HW	40								
092G054_190	23.3	50	1	FD	60	HW	40								
092G054_192	29.3	50	1	FD	60	HW	40								
092G054_193	22.8	60	1	HW	60	CW	30	FD	10						
092G054_194	24.3	70	1	CW	60	FD	30	HW	10						
092G054_195	24.3	70	1	FD	50	CW	30	FD	20						
092G054_197	20.7	70	1	FD	70	HW	15	CW	15						
092G054_198	19.3	60	1	FD	60	HW	30	CW	10						
092G054_201	19.9	70	1	HW	40	FD	30	CW	30						
092G054_202	19.1	80	1	FD	45	CW	35	HW	20						
092G054_203	17.3	60	1	HW	70	FD	30								
092G054_204	22.1	70	1	FD	45	CW	35	HW	20						
092G054_205	20.4	70	1	HW	40	FD	30	CW	30						
092G054_206	23.0	60	1	FD	50	HW	40	CW	10						
092G054_207	23.1	60	1	FD	50	HW	30	DR	20						
092G054_208	25.2	70	1	FD	45	HW	45	CW	10						
092G054_209	20.9	60	1	HW	50	FD	40	PL	10						
092G054_210	23.6	80	1	HW	60	DR	40								
092G054_211	25.2	70	1	HW	50	FD	40	CW	10						
092G054_212	23.6	70	1	HW	50	FD	40	CW	10						
092G054_214	23.6	70	1	HW	70	FD	30								
092G054_224	16.0	60	1	HW	70	FD	20	CW	10						
092G054_227	15.2	70	1	HW	50	FD	40	CW	10						
092G054_228	20.1	50	1	HW	70	FD	20	CW	10						
092G054_229	25.2	50	1	CW	40	FD	30	HW	30						
092G054_230	19.9	70	1	FD	90	HW	10								
092G054_236	27.6	70	1	FD	90	HW	10								
092G054_237	22.2	50	1	CW	50	HW	40	FD	10						
092G054_238	19.2	60	1	FD	60	HW	40								
092G054_239	16.0	70	1	HW	60	FD	40								
092G054_240	25.5	50	1	HW	60	FD	40								
092G054_242	22.5	50	1	HW	60	FD	30	CW	10						
092G054_243	19.1	50	1	FD	50	HW	50								

092G054_245	19.1	70	1	FD	80	HW	20									
092G054_246	24.9	70	1	FD	90	HW	10									
092G054_247	19.1	50	1	FD	90	HW	10									
092G054_248	21.1	70	1	FD	70	HW	30									
092G054_249	23.1	70	1	FD	55	HW	35	DR	5	CW	5					
092G054_251	23.8	50	1	FD	40	HW	30	CW	30							
092G054_252	22.1	60	1	HW	60	FD	40									
092G054_253	20.9	50	1	FD	100											
092G054_254	24.9	80	1	FD	40	HW	30	CW	30							
092G054_255	24.9	80	1	FD	60	HW	30	CW	10							
092G054_256	24.6	60	1	FD	50	CW	30	HW	20							
092G054_257	24.9	80	1	FD	50	HW	30	CW	20							
092G054_258	16.2	60	1	CW	50	HW	40	FD	10							
092G054_259	27.3	60	1	FD	60	CW	20	HW	20							
092G054_267	24.3	50	1	FD	40	HW	40	CW	20							
092G054_268	22.8	60	1	FD	60	HW	30	CW	10							
092G054_269	28.5	60	1	HW	50	DR	50									
092G054_271	28.0	70	1	FD	85	HW	10	CW	5							
092G054_275	21.5	60	1	HW	80	CW	20									
092G054_276	25.7	60	1	FD	50	HW	40	CW	10							
092G054_277	22.1	60	1	FD	70	HW	30									
092G054_279	15.8	80	1	HW	50	FD	40	CW	10							
092G043_577	22.6	70	1	FD	50	CW	50									
092G043_643	15.3	50	1	FD	45	HW	35	CW	10	YC	10					
092G053_646	22.1	70	1	HW	60	FD	30	CW	10							
092G053_650	25.2	70	1	HW	55	FD	35	CW	10							
092G053_651	23.6	70	1	DR	60	HW	40									
092G053_652	18.0	50	1	HW	60	BA	20	CW	15	FD	5					
092G053_660	18.0	60	1	HW	50	FD	20	CW	20	BA	10					
092G053_662	22.8	50	1	HW	90	BA	10									
092G053_663	20.1	60	1	HW	80	FD	20									
092G043_666	17.1	70	1	HW	45	FD	45	CW	10							
092G043_667	11.5	40	1	HW	50	FD	30	YC	20							
092G043_668	11.5	40	1	HW	60	CW	20	BA	10	YC	10					
092G053_669	16.0	60	1	HW	60	FD	30	YC	10							
092G053_670	11.5	40	1	HW	70	FD	20	CW	10							
092G043_671	11.5	40	1	HW	60	FD	40									
092G053_674	20.1	50	1	HW	70	FD	20	CW	10							
092G043_906	20.1	50	1	HW	70	FD	20	CW	10							
092G043_907	14.4	30	1	HW	70	FD	20	CW	10							
092G053_1008	19.1	80	1	HW	85	BA	15									
092G053_1009	17.3	60	1	HW	90	BA	10									
092G053_1010	25.2	70	1	HW	85	BA	15									
092G053_1011	17.8	50	1	HW	90	BA	10									
092G054_1027	18.0	60	1	HW	70	BA	10	FD	10	CW	10					
092G054_1028	22.5	80	1	HW	60	FD	40									
092G054_1029	17.8	50	1	HW	90	BA	10									
092G054_1030	18.0	60	1	HW	50	FD	20	CW	20	BA	10					
092G054_1032	22.8	50	1	HW	90	BA	10									
092G054_1033	20.1	60	1	HW	80	FD	20									
Lake	20.1	60	0	HW	80	FD	20									
Rock	20.1	60	0	HW	80	FD	20									
092G053_646A	22.1	70	1	HW	60	FD	30	CW	10							
092G054_204A	22.1	70	1	FD	45	CW	35	HW	20							

c) TIPSy (Managed) Specific

Polygon	Sl	Dens	Thin	Regen	S1	%	S2	%	S3	%	S4	%	S5	%
	(m)	(s/ha)	(s/ha)											
092G044_3	25.0	1,100	n/a	Planted	FD	80	CW	20						
092G044_4	20.0	1,100	n/a	Planted	FD	100								
092G044_7	23.0	1,100	n/a	Planted	FD	80	CW	20						
092G044_9	14.0	1,100	n/a	Planted	FD	100								
092G044_10	15.0	1,100	n/a	Planted	FD	100								

092G044 11	12.0	1,100	n/a	Planted	FD	100								
092G044 14	19.0	1,100	n/a	Planted	FD	100								
092G044 16	15.0	1,100	n/a	Planted	FD	100								
092G044 17	21.0	1,100	n/a	Planted	FD	100								
092G044 19	25.0	1,100	n/a	Planted	FD	80	CW	20						
092G044 24	20.0	1,100	n/a	Planted	FD	100								
092G044 28	27.0	1,100	n/a	Planted	FD	80	CW	20						
092G054 190	23.0	1,100	n/a	Planted	FD	80	CW	20						
092G054 192	29.0	1,100	n/a	Planted	FD	60	CW	40						
092G054 193	23.0	1,100	n/a	Planted	FD	80	CW	20						
092G054 194	24.0	1,100	n/a	Planted	FD	80	CW	20						
092G054 195	24.0	1,100	n/a	Planted	FD	80	CW	20						
092G054 197	21.0	1,100	n/a	Planted	FD	100								
092G054 198	19.0	1,100	n/a	Planted	FD	100								
092G054 201	20.0	1,100	n/a	Planted	FD	100								
092G054 202	19.0	1,100	n/a	Planted	FD	100								
092G054 203	17.0	1,100	n/a	Planted	FD	100								
092G054 204	22.0	1,100	n/a	Planted	FD	100								
092G054 205	20.0	1,100	n/a	Planted	FD	100								
092G054 206	23.0	1,100	n/a	Planted	FD	80	CW	20						
092G054 207	23.0	1,100	n/a	Planted	FD	80	CW	20						
092G054 208	25.0	1,100	n/a	Planted	FD	80	CW	20						
092G054 209	21.0	1,100	n/a	Planted	FD	100								
092G054 210	24.0	1,100	n/a	Planted	FD	80	CW	20						
092G054 211	25.0	1,100	n/a	Planted	FD	80	CW	20						
092G054 212	24.0	1,100	n/a	Planted	FD	80	CW	20						
092G054 214	24.0	1,100	n/a	Planted	FD	80	CW	20						
092G054 224	16.0	1,100	n/a	Planted	FD	100								
092G054 227	15.0	1,100	n/a	Planted	FD	100								
092G054 228	20.0	1,100	n/a	Planted	FD	100								
092G054 229	25.0	1,100	n/a	Planted	FD	80	CW	20						
092G054 230	20.0	1,100	n/a	Planted	FD	100								
092G054 236	28.0	1,100	n/a	Planted	FD	60	CW	40						
092G054 237	22.0	1,100	n/a	Planted	FD	100	CW							
092G054 238	19.0	1,100	n/a	Planted	FD	100								
092G054 239	16.0	1,100	n/a	Planted	FD	100								
092G054 240	26.0	1,100	n/a	Planted	FD	80	CW	20						
092G054 242	23.0	1,100	n/a	Planted	FD	80	CW	20						
092G054 243	19.0	1,100	n/a	Planted	FD	100								
092G054 245	19.0	1,100	n/a	Planted	FD	100								
092G054 246	25.0	1,100	n/a	Planted	FD	80	CW	20						
092G054 247	19.0	1,100	n/a	Planted	FD	100								
092G054 248	21.0	1,100	n/a	Planted	FD	100								
092G054 249	23.0	1,100	n/a	Planted	FD	80	CW	20						
092G054 251	24.0	1,100	n/a	Planted	FD	80	CW	20						
092G054 252	22.0	1,100	n/a	Planted	FD	100								
092G054 253	21.0	1,100	n/a	Planted	FD	100								
092G054 254	25.0	1,100	n/a	Planted	FD	80	CW	20						
092G054 255	25.0	1,100	n/a	Planted	FD	80	CW	20						
092G054 256	25.0	1,100	n/a	Planted	FD	80	CW	20						
092G054 257	25.0	1,100	n/a	Planted	FD	80	CW	20						
092G054 258	16.0	1,100	n/a	Planted	FD	100								
092G054 259	27.0	1,100	n/a	Planted	FD	80	CW	20						
092G054 267	24.0	1,100	n/a	Planted	FD	80	CW	20						
092G054 268	23.0	1,100	n/a	Planted	FD	80	CW	20						
092G054 269	29.0	1,100	n/a	Planted	FD	60	CW	40						
092G054 271	28.0	1,100	n/a	Planted	FD	60	CW	40						
092G054 275	22.0	1,100	n/a	Planted	FD	100								
092G054 276	26.0	1,100	n/a	Planted	FD	80	CW	20						
092G054 277	22.0	1,100	n/a	Planted	FD	100								
092G054 279	16.0	1,100	n/a	Planted	FD	100								
092G043 577	23.0	1,100	n/a	Planted	FD	80	CW	20						
092G043 643	15.0	1,100	n/a	Planted	FD	100								
092G053 646	22.0	1,100	n/a	Planted	FD	100								
092G053 650	25.0	1,100	n/a	Planted	FD	80	CW	20						
092G053 651	24.0	1,100	n/a	Planted	FD	80	CW	20						

092G053 652	18.0	1,100	n/a	Planted	FD	100								
092G053 660	18.0	1,100	n/a	Planted	FD	100								
092G053 662	23.0	1,100	n/a	Planted	FD	80	CW	20						
092G053 663	20.0	1,100	n/a	Planted	FD	100								
092G043 666	17.0	1,100	n/a	Planted	FD	100								
092G043 667	12.0	1,100	n/a	Planted	FD	100								
092G043 668	12.0	1,100	n/a	Planted	FD	100								
092G053 669	16.0	1,100	n/a	Planted	FD	100								
092G053 670	12.0	1,100	n/a	Planted	FD	100								
092G043 671	12.0	1,100	n/a	Planted	FD	100								
092G053 674	20.0	1,100	n/a	Planted	FD	100								
092G043 906	20.0	1,100	n/a	Planted	FD	100								
092G043 907	14.0	1,100	n/a	Planted	FD	100								
092G053 1008	19.0	1,100	n/a	Planted	FD	100								
092G053 1009	17.0	1,100	n/a	Planted	FD	100								
092G053 1010	25.0	1,100	n/a	Planted	FD	80	CW	20						
092G053 1011	18.0	1,100	n/a	Planted	FD	100								
092G054 1027	18.0	1,100	n/a	Planted	FD	100								
092G054 1028	23.0	1,100	n/a	Planted	FD	80	CW	20						
092G054 1029	18.0	1,100	n/a	Planted	FD	100								
092G054 1030	18.0	1,100	n/a	Planted	FD	100								
092G054 1032	23.0	1,100	n/a	Planted	FD	80	CW	20						
092G054 1033	20.0	1,100	n/a	Planted	FD	100								
Lake														
Rock														
092G053 646A	22.0	1,100	n/a	Planted	FD	100								
092G054 204A	22.0	1,100	n/a	Planted	FD	100								

[illegible]

[illegible]

e) Polygon Yields

Polygon	Yield Ex/Fut	Cul. Age	C Vol (m³/ha)	C MAI (m³/ha/yr)	Target Age	T Vol (m³/ha)	T MAI (m³/ha/yr)	PC %	Reentry Year
092G044_3	VDYP	86	436	5.07	86	436	5.07		
	TIPSY	80	541	6.76	58	359	6.17		
092G044_4	VDYP	89	455	5.12	89	455	5.12		
	TIPSY	90	324	3.60	85	305	3.58		
092G044_7	VDYP	88	446	5.07	88	446	5.07		
	TIPSY	90	510	5.67	66	354	5.35		
092G044_9	VDYP	120	202	1.68	130	217	1.67		
	TIPSY	100	151	1.51	262	272	1.04		
092G044_10	VDYP	120	291	2.43	190	359	1.89		
	TIPSY	90	164	1.82	190	285	1.50		
092G044_11	VDYP	139	267	1.92	205	351	1.71		
	TIPSY	130	132	1.02	999	206	0.59		
092G044_14	VDYP	101	476	4.71	101	476	4.71		
	TIPSY	100	330	3.30	94	309	3.29		
092G044_16	VDYP	112	395	3.53	112	395	3.53		
	TIPSY	90	164	1.82	186	282	1.52		
092G044_17	VDYP	92	484	5.27	92	484	5.27		
	TIPSY	90	366	4.07	78	314	4.03		
092G044_19	VDYP	81	483	5.96	63	355	5.64		
	TIPSY	80	541	6.76	58	359	6.17		
092G044_24	VDYP	88	372	4.23	84	355	4.22		
	TIPSY	90	324	3.60	86	308	3.59		
092G044_28	VDYP	73	535	7.33	52	353	6.79		
	TIPSY	80	624	7.80	51	358	7.00		
092G054_190	VDYP	80	430	5.37	80	430	5.37		
	TIPSY	90	510	5.67	66	354	5.35		
092G054_192	VDYP	69	547	7.92	69	547	7.92		
	TIPSY	80	796	9.95	50	441	8.82		
092G054_193	VDYP	81	454	5.61	66	356	5.39		
	TIPSY	90	510	5.67	66	354	5.35		
092G054_194	VDYP	83	470	5.66	66	350	5.30		
	TIPSY	80	498	6.23	62	360	5.79		
092G054_195	VDYP	88	457	5.19	88	457	5.19		
	TIPSY	80	498	6.23	61	351	5.75		
092G054_197	VDYP	90	411	4.56	78	351	4.50		
	TIPSY	90	366	4.07	78	314	4.03		
092G054_198	VDYP	91	356	3.91	91	356	3.91		
	TIPSY	100	330	3.30	94	309	3.29		
092G054_201	VDYP	94	486	5.17	72	353	4.91		
	TIPSY	90	324	3.60	86	308	3.59		
092G054_202	VDYP	94	332	3.53	100	352	3.52		
	TIPSY	100	330	3.30	94	309	3.29		
092G054_203	VDYP	102	427	4.18	102	427	4.18		
	TIPSY	90	224	2.49	122	295	2.42		
092G054_204	VDYP	86	387	4.50	86	387	4.50		
	TIPSY	90	412	4.58	71	315	4.44		
092G054_205	VDYP	92	493	5.36	70	354	5.06		
	TIPSY	90	324	3.60	86	308	3.59		
092G054_206	VDYP	81	432	5.34	67	350	5.23		
	TIPSY	90	510	5.67	66	354	5.35		
092G054_207	VDYP	73	350	4.79	74	354	4.79		
	TIPSY	90	510	5.67	66	354	5.35		
092G054_208	VDYP	74	474	6.41	74	474	6.41		
	TIPSY	80	541	6.76	58	359	6.17		
092G054_209	VDYP	99	532	5.37	99	532	5.37		
	TIPSY	90	366	4.07	78	314	4.03		
092G054_210	VDYP	60	329	5.48	65	353	5.42		
	TIPSY	80	498	6.23	61	351	5.75		
092G054_211	VDYP	81	598	7.38	81	598	7.38		

	TIPSY	80	541	6.76	58	359	6.17		
092G054_212	VDYP	83	556	6.70	83	556	6.70		
	TIPSY	80	498	6.23	61	351	5.75		
092G054_214	VDYP	82	565	6.89	82	565	6.89		
	TIPSY	80	498	6.23	61	351	5.75		
092G054_224	VDYP	105	391	3.72	105	391	3.72		
	TIPSY	90	193	2.14	146	288	1.98		
092G054_227	VDYP	116	401	3.46	116	401	3.46		
	TIPSY	90	164	1.82	186	282	1.52		
092G054_228	VDYP	89	455	5.12	89	455	5.12		
	TIPSY	90	324	3.60	85	305	3.58		
092G054_229	VDYP	81	483	5.96	63	355	5.64		
	TIPSY	80	541	6.76	58	359	6.17		
092G054_230	VDYP	98	355	3.62	98	355	3.62		
	TIPSY	90	324	3.60	85	305	3.58		
092G054_236	VDYP	80	520	6.49	80	520	6.49		
	TIPSY	80	743	9.29	50	408	8.16		
092G054_237	VDYP	85	412	4.84	85	412	4.84		
	TIPSY	90	412	4.58	71	315	4.44		
092G054_238	VDYP	91	355	3.90	91	355	3.90		
	TIPSY	100	330	3.30	94	309	3.29		
092G054_239	VDYP	114	431	3.78	114	431	3.78		
	TIPSY	90	193	2.14	146	288	1.98		
092G054_240	VDYP	79	567	7.18	79	567	7.18		
	TIPSY	70	505	7.21	54	357	6.58		
092G054_242	VDYP	84	502	5.97	84	502	5.97		
	TIPSY	90	510	5.67	66	354	5.35		
092G054_243	VDYP	90	335	3.72	95	353	3.71		
	TIPSY	100	330	3.30	94	309	3.29		
092G054_245	VDYP	99	323	3.26	108	351	3.25		
	TIPSY	100	330	3.30	94	309	3.29		
092G054_246	VDYP	85	462	5.43	85	462	5.43		
	TIPSY	80	541	6.76	58	359	6.17		
092G054_247	VDYP	103	328	3.18	111	352	3.17		
	TIPSY	100	330	3.30	94	309	3.29		
092G054_248	VDYP	88	422	4.80	88	422	4.80		
	TIPSY	90	366	4.07	78	314	4.03		
092G054_249	VDYP	78	423	5.43	78	423	5.43		
	TIPSY	90	510	5.67	66	354	5.35		
092G054_251	VDYP	81	432	5.33	81	432	5.33		
	TIPSY	80	498	6.23	61	351	5.75		
092G054_252	VDYP	88	526	5.97	88	526	5.97		
	TIPSY	90	412	4.58	71	315	4.44		
092G054_253	VDYP	101	373	3.70	96	355	3.69		
	TIPSY	90	366	4.07	78	314	4.03		
092G054_254	VDYP	79	497	6.29	59	354	6.00		
	TIPSY	80	541	6.76	58	359	6.17		
092G054_255	VDYP	78	507	6.50	58	356	6.13		
	TIPSY	80	541	6.76	58	359	6.17		
092G054_256	VDYP	81	436	5.39	68	354	5.20		
	TIPSY	80	541	6.76	58	359	6.17		
092G054_257	VDYP	79	505	6.40	58	351	6.05		
	TIPSY	80	541	6.76	58	359	6.17		
092G054_258	VDYP	102	305	2.99	121	351	2.90		
	TIPSY	90	193	2.14	146	288	1.98		
092G054_259	VDYP	81	543	6.70	81	543	6.70		
	TIPSY	80	624	7.80	51	358	7.00		
092G054_267	VDYP	77	430	5.58	77	430	5.58		
	TIPSY	80	498	6.23	61	351	5.75		
092G054_268	VDYP	81	427	5.28	81	427	5.28		
	TIPSY	90	510	5.67	66	354	5.35		
092G054_269	VDYP	60	358	5.97	60	358	5.97		
	TIPSY	80	796	9.95	50	441	8.82		
092G054_271	VDYP	79	527	6.67	79	527	6.67		
	TIPSY	80	743	9.29	50	408	8.16		
092G054_275	VDYP	81	436	5.38	81	436	5.38		

	TIPSY	90	412	4.58	71	315	4.44		
092G054_276	VDYP	75	483	6.44	75	483	6.44		
	TIPSY	70	505	7.21	54	357	6.58		
092G054_277	VDYP	86	436	5.07	86	436	5.07		
	TIPSY	90	412	4.58	71	315	4.44		
092G054_279	VDYP	113	429	3.79	113	429	3.79		
	TIPSY	90	193	2.14	146	288	1.98		
092G043_577	VDYP	85	398	4.68	77	355	4.62		
	TIPSY	90	510	5.67	66	354	5.35		
092G043_643	VDYP	109	262	2.40	181	358	1.98		
	TIPSY	90	164	1.82	190	285	1.50		
092G053_646	VDYP	86	532	6.18	86	532	6.18		
	TIPSY	90	412	4.58	71	315	4.44		
092G053_650	VDYP	81	603	7.44	81	603	7.44		
	TIPSY	80	541	6.76	58	359	6.17		
092G053_651	VDYP	58	346	5.97	59	352	5.97		
	TIPSY	80	498	6.23	61	351	5.75		
092G053_652	VDYP	92	400	4.35	92	400	4.35		
	TIPSY	100	286	2.86	106	303	2.86		
092G053_660	VDYP	97	435	4.48	97	435	4.48		
	TIPSY	100	286	2.86	106	303	2.86		
092G053_662	VDYP	76	457	6.01	76	457	6.01		
	TIPSY	90	510	5.67	66	354	5.35		
092G053_663	VDYP	89	434	4.88	89	434	4.88		
	TIPSY	90	324	3.60	85	305	3.58		
092G043_666	VDYP	110	453	4.12	110	453	4.12		
	TIPSY	90	224	2.49	122	295	2.42		
092G043_667	VDYP	139	279	2.01	186	351	1.88		
	TIPSY	130	132	1.02	999	206	0.59		
092G043_668	VDYP	140	256	1.83	208	350	1.68		
	TIPSY	130	132	1.02	999	206	0.59		
092G053_669	VDYP	110	408	3.71	110	408	3.71		
	TIPSY	90	193	2.14	146	288	1.98		
092G053_670	VDYP	139	273	1.97	192	351	1.83		
	TIPSY	130	132	1.02	999	206	0.59		
092G043_671	VDYP	139	267	1.92	205	351	1.71		
	TIPSY	130	132	1.02	999	206	0.59		
092G053_674	VDYP	89	455	5.12	89	455	5.12		
	TIPSY	90	324	3.60	85	305	3.58		
092G043_906	VDYP	89	455	5.12	89	455	5.12		
	TIPSY	90	324	3.60	85	305	3.58		
092G043_907	VDYP	112	310	2.77	128	352	2.75		
	TIPSY	100	151	1.51	256	269	1.05		
092G053_1008	VDYP	86	434	5.05	86	434	5.05		
	TIPSY	100	330	3.30	94	309	3.29		
092G053_1009	VDYP	93	377	4.06	93	377	4.06		
	TIPSY	90	224	2.49	122	295	2.42		
092G053_1010	VDYP	72	532	7.39	72	532	7.39		
	TIPSY	80	541	6.76	58	359	6.17		
092G053_1011	VDYP	92	377	4.10	92	377	4.10		
	TIPSY	100	286	2.86	106	303	2.86		
092G054_1027	VDYP	93	410	4.41	93	410	4.41		
	TIPSY	100	286	2.86	106	303	2.86		
092G054_1028	VDYP	88	572	6.50	88	572	6.50		
	TIPSY	90	510	5.67	66	354	5.35		
092G054_1029	VDYP	92	377	4.10	92	377	4.10		
	TIPSY	100	286	2.86	106	303	2.86		
092G054_1030	VDYP	97	435	4.48	97	435	4.48		
	TIPSY	100	286	2.86	106	303	2.86		
092G054_1032	VDYP	76	457	6.01	76	457	6.01		
	TIPSY	90	510	5.67	66	354	5.35		
092G054_1033	VDYP	89	434	4.88	89	434	4.88		
	TIPSY	90	324	3.60	85	305	3.58		
Lake	NC								
	VDYP	89	434	4.88	85	414	4.87		
Rock	NC								

	VDYP	89	434	4.88	85	414	4.87		
092G053_646A	VDYP	86	532	6.18	86	532	6.18		
	TIPSY	90	412	4.58	71	315	4.44		
092G054_204A	VDYP	86	387	4.50	86	387	4.50		
	TIPSY	90	412	4.58	71	315	4.44		
Average Existing			423	4.9		401	4.82		
Average Future			414	4.79		331	4.49		

3.0 Harvest Calculation Assumptions

a) Initial Cut Order (Custom)

Polygon	Current Age	Target Age	Available for (yrs)	Regen Delay (yrs)
092G044_10	175	190	-15	3
092G044_19	160	63	97	3
092G044_24	150	84	66	3
092G044_28	150	52	98	3
092G054_193	120	66	54	3
092G054_194	120	66	54	3
092G054_197	130	78	52	3
092G054_201	120	72	48	3
092G054_205	120	70	50	3
092G054_206	130	67	63	3
092G054_229	160	63	97	3
092G054_253	150	96	54	3
092G054_254	150	59	91	3
092G054_255	130	58	72	3
092G054_256	160	68	92	3
092G054_257	130	58	72	3
092G043_577	220	77	143	3
092G043_643	130	181	-51	3
092G044_3	100	86	14	3
092G044_4	100	89	11	3
092G044_7	100	88	12	3
092G044_11	75	205	-130	3
092G044_14	65	101	-36	3
092G044_16	70	112	-42	3
092G044_17	60	92	-32	3
092G054_190	100	80	20	3
092G054_192	100	69	31	3
092G054_195	90	88	2	3
092G054_198	100	91	9	3
092G054_202	110	100	10	3
092G054_203	80	102	-22	3
092G054_204	110	86	24	3
092G054_207	60	74	-14	3
092G054_208	90	74	16	3
092G054_209	80	99	-19	3
092G054_210	70	65	5	3
092G054_211	100	81	19	3
092G054_212	80	83	-3	3
092G054_214	80	82	-2	3
092G054_224	80	105	-25	3
092G054_227	75	116	-41	3
092G054_228	60	89	-29	3
092G054_230	80	98	-18	3
092G054_236	100	80	20	3
092G054_237	80	85	-5	3
092G054_238	60	91	-31	3
092G054_239	80	114	-34	3
092G054_240	80	79	1	3

092G054 242	80	84	-4	3
092G054 243	60	95	-35	3
092G054 245	100	108	-8	3
092G054 246	100	85	15	3
092G054 247	70	111	-41	3
092G054 248	80	88	-8	3
092G054 249	80	78	2	3
092G054 251	90	81	9	3
092G054 252	90	88	2	3
092G054 258	100	121	-21	3
092G054 259	100	81	19	3
092G054 267	100	77	23	3
092G054 268	90	81	9	3
092G054 269	100	60	40	3
092G054 271	80	79	1	3
092G054 275	80	81	-1	3
092G054 276	80	75	5	3
092G054 277	80	86	-6	3
092G054 279	100	113	-13	3
092G053 646	100	86	14	3
092G053 650	90	81	9	3
092G053 651	80	59	21	3
092G053 652	70	92	-22	3
092G053 660	100	97	3	3
092G053 662	80	76	4	3
092G053 663	80	89	-9	3
092G043 666	65	110	-45	3
092G053 669	100	110	-10	3
092G053 674	100	89	11	3
092G043 906	100	89	11	3
092G053 1008	110	86	24	3
092G053 1009	80	93	-13	3
092G053 1010	65	72	-7	3
092G054 1027	100	93	7	3
092G054 1028	65	88	-23	3
092G054 1030	100	97	3	3
092G054 1032	80	76	4	3
092G054 1033	80	89	-9	3
Lake	80	NC		1
Rock	80	NC		1
092G053 646A	1	86	-85	3
092G054 204A	1	86	-85	3

b) Harvest Constraints

Constraints to harvest are recognized through the following:

1. A 16% area net down which accounts for 8% wildlife tree retention, 5 % for future and existing roads and 3% that accounts for a significant area of the Gambier Creek Community Watershed being located within this woodlot.
2. Visual quality objectives (VQO) may result in constraints to harvesting and road building. The current VQO for the woodlot is Partial Retention. A height constraint has been modeled where by 27% of the woodlot area may be less than five metres in height at any one time. WOODLOT for Windows models this as 73% of the woodlot must be greater that five metres in height at all times. This constraint applies to the entire woodlot licence area but in some area the visually effective green up may occur at greater height and areas where there may be lower visual sensitivity. Generally, the constraint applied for partial retention is that only 15% of the VQO polygon may be less than 5 metres in height at any one time. In the case of this

woodlot there has been minimal harvesting activity so the amount of area that may be less than 5 metres has been increased.

Woodlot harvesting generally results in small, non-obtrusive harvest blocks therefore, it is anticipated that the impact to harvesting resulting from visual quality objectives should be minimized.

Visual constraints can be minimized when appropriate block and road layout is used.

3. Polygons that were found to consist mainly of rock amounted to approximately 2.3 ha and the area of Gambier Lake (14.0 ha) were removed from the AAC analysis.
4. Approximately 322 hectares of the woodlot is within the Gambier Creek Community Watershed (GAM.001). It has been recommended that a watershed assessment be completed for this watershed.
5. Terrain of this woodlot licence is varied and broken. Rock bluffs are a dominant feature in much of the area, as are rocky knolls and outcrops. Rock bluffs prevent conventional development in the southern most sections of the proposed woodlot licence area. Some areas that were previously harvested by means of access routes with extreme grades or located up streams may no longer be accessible without major rock cuts.
Note that the AAC has not been adjusted to remove any of these areas.
6. Consideration is to be given to existing recreational trails located within the woodlot licence as they may have an impact on the management of the woodlot particularly regarding proposed road locations and access routes. In some instances, the recreation trails (previously used as access structures and haul roads) are proposed for reactivation.
7. There is one water licence located on the Gambier Creek within DL 2979.

c) Harvest Parameters (Global)

Minimum Harvest Age	: 50 Years
Minimum Harvest Diameter	: 13 cm
Minimum Harvest Vol/ha	: 300 m ³ /ha
TIPSY OAF1	: 15%
TIPSY OAF2	: 5%
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 : 3034 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)
092G044 19	C	CC	1	3.28	2013	0.84	63	160	782	2,560
092G044 24	C	CC	1	3.19	2013	0.57	84	150	542	1,732
092G044 28	C	CC	1	0.59	2014	0.17	52	151	876	515
092G054 193	C	CC	1	18.14	2014	3.73	66	121	617	11,330
092G054 194	C	CC	1	10.84	2018	2.33	66	125	647	7,057
092G054 197	C	CC	1	14.62	2020	2.76	78	137	570	8,375
092G054 201	C	CC	1	0.84	2023	0.18	72	130	639	536
092G054 205	C	CC	1	32.42	2023	7.20	70	130	659	21,830
092G044 10	C	CC	1	5.71	2030	0.68	190	192	359	2,055
092G054 206	C	CC	1	9.58	2031	2.06	67	148	651	6,251
092G054 229	C	CC	1	3.95	2033	1.07	63	180	820	3,241
092G054 253	C	CC	1	7.90	2034	1.31	96	171	504	3,977
092G054 254	C	CC	1	6.05	2035	1.56	59	172	783	4,745
092G054 255	C	CC	1	9.58	2037	2.54	58	154	803	7,711
092G054 256	C	CC	1	32.09	2039	7.70	68	186	722	23,352
092G054 257	C	CC	1	5.38	2047	1.41	58	164	796	4,284
092G043 577	C	CC	1	0.08	2049	0.02	77	256	718	60
092G044 3	C	CC	1	2.02	2049	0.42	86	136	627	1,264
092G044 4	C	CC	1	0.08	2049	0.02	89	136	639	54
092G044 7	C	CC	1	2.52	2049	0.52	88	136	628	1,583
092G044 14	C	CC	1	9.91	2050	1.58	101	102	480	4,780
092G044 17	C	CC	1	5.96	2051	1.02	92	98	515	3,091
092G054 190	C	CC	1	0.50	2052	0.11	80	139	643	324
092G054 192	C	CC	1	1.76	2052	0.52	69	139	894	1,580
092G054 195	C	CC	1	4.37	2053	0.90	88	130	625	2,732
092G054 198	C	CC	1	1.68	2054	0.28	91	141	498	836
092G054 202	C	CC	1	1.34	2054	0.21	100	151	473	636
092G054 203	C	CC	1	2.35	2054	0.39	102	121	499	1,174
092G044 16	C	CC	1	15.20	2055	1.99	112	112	395	6,040
092G054 204	C	CC	1	13.52	2057	2.62	86	154	585	7,934
092G054 207	C	CC	1	3.19	2059	0.50	74	106	476	1,522
092G054 208	C	CC	1	13.78	2060	3.34	74	137	733	10,148
092G054 209	C	CC	1	4.79	2063	1.06	99	130	672	3,228
092G043 643	C	CC	1	9.41	2064	1.11	181	181	358	3,371
092G054 210	C	CC	1	2.44	2065	0.43	65	122	531	1,295
092G054 211	C	CC	1	5.88	2066	1.84	81	153	950	5,596
092G054 212	C	CC	1	0.67	2067	0.18	83	134	819	552
092G054 214	C	CC	1	0.67	2068	0.18	82	135	830	558
092G054 224	C	CC	1	0.08	2068	0.01	105	135	488	41
092G054 227	C	CC	1	4.20	2068	0.62	116	130	447	1,875
092G054 228	C	CC	1	12.94	2068	2.44	89	115	567	7,417
092G054 230	C	CC	1	0.84	2071	0.13	98	138	465	391
092G054 236	C	CC	1	6.05	2071	1.64	80	158	824	4,988
092G054 237	C	CC	1	4.03	2073	0.81	85	140	608	2,450
092G054 238	C	CC	1	2.60	2073	0.39	91	120	452	1,183
092G054 239	C	CC	1	19.32	2074	3.32	114	141	518	10,080
092G054 240	C	CC	1	3.44	2077	1.00	79	144	879	3,035
092G054 242	C	CC	1	4.20	2078	1.06	84	145	760	3,202
092G054 243	C	CC	1	4.79	2079	0.70	95	126	440	2,113
092G054 245	C	CC	1	9.91	2080	1.46	108	167	447	4,434
092G054 246	C	CC	1	7.90	2081	1.85	85	168	709	5,600
092G054 247	C	CC	1	7.64	2083	1.05	111	140	414	3,176
092G054 248	C	CC	1	13.78	2084	2.83	88	151	620	8,576
092G054 249	C	CC	1	39.14	2087	8.75	78	154	672	26,535
092G054 251	C	CC	1	6.22	2096	1.37	81	173	670	4,169
092G054 252	C	CC	1	8.23	2097	2.28	88	174	836	6,903
092G054 258	C	CC	1	1.60	2100	0.25	121	187	479	764
092G054 259	C	CC	1	2.77	2100	0.80	81	187	875	2,427
092G054 267	C	CC	1	1.18	2101	0.27	77	188	706	830
092G054 268	C	CC	1	3.36	2101	0.76	81	178	685	2,302

092G054 269	C	CC	1	18.40	2102	3.76	60	189	619	11,405
092G054 271	C	CC	1	0.42	2105	0.12	79	172	856	360
092G054 275	C	CC	1	0.17	2106	0.04	81	173	736	124
092G054 276	C	CC	1	5.96	2106	1.56	75	173	794	4,739
092G054 277	C	CC	1	4.45	2107	0.98	86	174	665	2,963
092G054 279	C	CC	1	0.59	2108	0.12	113	195	630	370
092G053 646	C	CC	1	15.04	2108	4.54	86	195	911	13,773
092G053 650	C	CC	1	3.86	2113	1.32	81	190	1,034	3,998
092G053 651	C	CC	1	3.44	2114	0.68	59	181	598	2,060
092G053 652	C	CC	1	4.37	2115	0.92	92	172	637	2,783
092G053 660	C	CC	1	5.04	2116	1.21	97	203	729	3,679
092G053 662	C	CC	1	2.94	2117	0.78	76	184	804	2,364
092G053 663	C	CC	1	2.35	2118	0.55	89	185	710	1,670
092G043 666	C	CC	1	3.78	2118	0.78	110	170	625	2,367
092G053 669	C	CC	1	3.19	2119	0.66	110	206	629	2,008
092G053 674	C	CC	1	3.70	2120	0.96	89	207	785	2,903
092G043 906	C	CC	1	0.42	2121	0.11	89	208	787	330
092G053 1008	C	CC	1	0.67	2121	0.18	86	218	808	543
092G053 1009	C	CC	1	0.84	2121	0.17	93	188	624	524
092G053 1010	C	CC	1	3.95	2121	1.22	72	173	939	3,712
092G054 1027	C	CC	1	7.39	2122	1.74	93	209	714	5,287
092G054 1028	C	CC	1	10.16	2124	3.08	88	176	916	9,341
092G054 1030	C	CC	1	6.05	2127	1.50	97	214	749	4,536
092G054 1032	C	CC	1	0.67	2129	0.18	76	196	822	552
092G054 1033	C	CC	1	2.94	2129	0.70	89	196	727	2,137
092G053 646A	C	CC	1	4.12	2129	0.94	86	117	690	2,857
092G054 204A	C	CC	1	0.17	2130	0.03	86	118	501	84
092G044 19	C	CC	2	3.28	2130	0.80	58	114	740	2,440
092G044 24	C	CC	2	3.19	2131	0.42	86	115	403	1,288
092G044 28	C	CC	2	0.59	2132	0.16	51	115	836	492
092G054 193	C	CC	2	18.14	2132	3.74	66	113	618	11,344
092G054 194	C	CC	2	10.84	2136	2.45	62	114	681	7,421
092G054 197	C	CC	2	14.62	2138	2.18	78	114	450	6,618
092G054 201	C	CC	2	0.84	2140	0.11	86	114	400	336
092G054 205	C	CC	2	32.42	2140	4.23	86	110	389	12,824
092G044 11	C	CC	1	1.09	2145	0.13	205	207	352	385
092G054 206	C	CC	2	9.58	2145	1.92	66	110	606	5,827
092G054 229	C	CC	2	3.95	2147	0.95	58	111	727	2,869
092G054 253	C	CC	2	7.90	2148	1.14	78	110	439	3,470
092G054 254	C	CC	2	6.05	2149	1.44	58	110	722	4,379
092G054 255	C	CC	2	9.58	2150	2.28	58	109	717	6,923
092G054 256	C	CC	2	32.09	2152	7.64	58	106	701	23,182
092G054 257	C	CC	2	5.38	2160	1.28	58	109	717	3,872
092G043 577	C	CC	2	0.08	2161	0.02	66	109	601	51
092G044 3	C	CC	2	2.02	2161	0.48	58	109	717	1,452
092G044 4	C	CC	2	0.08	2162	0.01	85	110	389	33
092G044 7	C	CC	2	2.52	2162	0.50	66	110	606	1,527
092G044 14	C	CC	2	9.91	2162	1.17	94	108	355	3,543
092G044 17	C	CC	2	5.96	2164	0.86	78	110	439	2,618
092G054 190	C	CC	2	0.50	2164	0.10	66	109	601	303
092G054 192	C	CC	2	1.76	2164	0.60	50	108	1,020	1,810
092G054 195	C	CC	2	4.37	2165	0.95	61	109	659	2,890
092G054 198	C	CC	2	1.68	2166	0.20	94	109	358	601
092G054 202	C	CC	2	1.34	2166	0.16	94	109	358	481
092G054 204	C	CC	2	13.52	2166	2.11	71	105	470	6,412
092G054 207	C	CC	2	3.19	2168	0.62	66	106	587	1,889
092G054 208	C	CC	2	13.78	2169	3.20	58	105	696	9,709
092G054 209	C	CC	2	4.79	2172	0.68	78	106	425	2,048
092G054 210	C	CC	2	2.44	2173	0.51	61	105	639	1,555
092G054 211	C	CC	2	5.88	2173	1.34	58	103	686	4,069
092G054 212	C	CC	2	0.67	2175	0.14	61	105	639	429
092G054 214	C	CC	2	0.67	2175	0.14	61	104	633	426
092G054 228	C	CC	2	12.94	2175	1.58	85	103	367	4,787
092G054 230	C	CC	2	0.84	2177	0.10	85	103	367	309
092G054 236	C	CC	2	6.05	2177	1.84	50	102	919	5,585
092G054 237	C	CC	2	4.03	2179	0.62	71	103	463	1,866

092G054 238	C	CC	2	2.60	2179	0.29	94	103	339	885
092G054 203	C	CC	2	2.35	2180	0.23	122	122	295	694
092G054 240	C	CC	2	3.44	2180	0.80	54	100	703	2,423
092G054 242	C	CC	2	4.20	2181	0.77	66	99	554	2,327
092G054 243	C	CC	2	4.79	2181	0.52	94	99	327	1,575
092G054 245	C	CC	2	9.91	2182	1.06	94	98	323	3,215
092G054 246	C	CC	2	7.90	2183	1.72	58	98	657	5,228
092G054 247	C	CC	2	7.64	2185	0.82	94	99	327	2,496
092G054 248	C	CC	2	13.78	2185	1.81	78	97	393	5,494
092G054 249	C	CC	2	39.14	2187	7.01	66	93	525	21,256
092G054 251	C	CC	2	6.22	2194	1.20	61	94	579	3,627
092G054 252	C	CC	2	8.23	2195	1.16	71	93	424	3,530
092G054 259	C	CC	2	2.77	2197	0.65	51	93	715	1,983
092G054 267	C	CC	2	1.18	2197	0.22	61	93	573	674
092G054 268	C	CC	2	3.36	2198	0.59	66	94	530	1,779
092G054 269	C	CC	2	18.40	2198	5.61	50	92	903	17,026
092G054 271	C	CC	2	0.42	2204	0.12	50	96	875	367
092G054 275	C	CC	2	0.17	2204	0.02	71	95	433	73
092G054 276	C	CC	2	5.96	2204	1.32	54	94	668	4,003
092G054 277	C	CC	2	4.45	2205	0.64	71	95	433	1,935
092G053 646	C	CC	2	15.04	2206	2.10	71	92	420	6,372
092G053 650	C	CC	2	3.86	2208	0.79	58	92	620	2,400
092G053 651	C	CC	2	3.44	2209	0.64	61	91	562	1,934
092G053 662	C	CC	2	2.94	2209	0.49	66	89	504	1,494
092G053 663	C	CC	2	2.35	2210	0.25	85	89	320	753
092G053 674	C	CC	2	3.70	2210	0.38	85	86	308	1,140
092G043 906	C	CC	2	0.42	2210	0.04	85	86	308	130
092G053 1010	C	CC	2	3.95	2211	0.76	58	87	587	2,318
092G054 1028	C	CC	2	10.16	2211	1.60	66	83	470	4,841
092G054 1032	C	CC	2	0.67	2213	0.10	66	81	459	308
092G053 646A	C	CC	2	4.12	2213	0.50	71	81	368	1,514
092G054 204A	C	CC	2	0.17	2213	0.02	71	80	363	61
092G044 19	C	CC	3	3.28	2213	0.58	58	79	534	1,772
092G044 28	C	CC	3	0.59	2214	0.12	51	79	616	362
092G054 193	C	CC	3	18.14	2214	2.65	66	77	432	8,032
092G054 224	C	CC	2	0.08	2217	0.01	146	146	288	24
092G054 1033	C	CC	2	2.94	2217	0.30	85	85	305	895
092G054 194	C	CC	3	10.84	2217	1.73	62	77	476	5,240
092G053 1008	C	CC	2	0.67	2219	0.07	94	95	313	210
092G054 206	C	CC	3	9.58	2219	1.22	66	70	384	3,712
092G044 24	C	CC	3	3.19	2220	0.32	86	86	308	984
092G054 197	C	CC	3	14.62	2220	1.55	78	78	314	4,687
092G054 229	C	CC	3	3.95	2222	0.63	58	72	483	1,912
092G054 254	C	CC	3	6.05	2223	0.95	58	71	475	2,879
092G044 10	C	CC	2	5.71	2224	0.54	190	190	285	1,628
092G054 239	C	CC	2	19.32	2224	1.85	146	146	288	5,601
092G053 652	C	CC	2	4.37	2226	0.44	106	108	308	1,347
092G053 660	C	CC	2	5.04	2226	0.51	106	106	303	1,538
092G054 255	C	CC	3	9.58	2227	1.56	58	73	490	4,736
092G054 201	C	CC	3	0.84	2229	0.09	86	86	308	259
092G054 256	C	CC	3	32.09	2229	5.11	58	70	468	15,513
092G054 1027	C	CC	2	7.39	2234	0.75	106	108	308	2,280
092G054 205	C	CC	3	32.42	2234	3.47	86	88	316	10,522
092G054 1030	C	CC	2	6.05	2238	0.61	106	107	306	1,849
092G054 253	C	CC	3	7.90	2239	0.92	78	87	353	2,790
092G054 257	C	CC	3	5.38	2239	0.91	58	75	505	2,749
092G043 577	C	CC	3	0.08	2240	0.01	66	76	425	36
092G044 3	C	CC	3	2.02	2240	0.34	58	76	512	1,041
092G044 7	C	CC	3	2.52	2241	0.35	66	76	425	1,072
092G054 190	C	CC	3	0.50	2241	0.07	66	74	412	207
092G054 192	C	CC	3	1.76	2241	0.42	50	73	720	1,273
092G054 195	C	CC	3	4.37	2242	0.65	61	74	455	1,987
092G054 204	C	CC	3	13.52	2242	1.45	71	72	321	4,400
092G043 666	C	CC	2	3.78	2244	0.37	122	122	295	1,115
092G054 207	C	CC	3	3.19	2244	0.42	66	72	398	1,270
092G054 208	C	CC	3	13.78	2244	2.18	58	70	468	6,601

092G044 16	C	CC	2	15.20	2247	1.42	186	188	283	4,313
092G053 1009	C	CC	2	0.84	2248	0.08	122	124	299	251
092G044 17	C	CC	3	5.96	2248	0.65	78	81	328	1,968
092G054 258	C	CC	2	1.60	2249	0.15	146	146	288	460
092G054 210	C	CC	3	2.44	2249	0.36	61	73	448	1,090
092G054 211	C	CC	3	5.88	2249	0.95	58	72	483	2,871
092G044 4	C	CC	3	0.08	2250	0.01	85	85	305	26
092G054 212	C	CC	3	0.67	2250	0.10	61	72	440	296
092G054 214	C	CC	3	0.67	2250	0.10	61	72	440	296
092G054 236	C	CC	3	6.05	2250	1.27	50	69	627	3,859
092G054 240	C	CC	3	3.44	2252	0.55	54	68	487	1,679
092G054 242	C	CC	3	4.20	2252	0.52	66	68	369	1,566
092G054 237	C	CC	3	4.03	2253	0.42	71	71	315	1,271
092G054 246	C	CC	3	7.90	2253	1.14	58	66	432	3,463
092G054 209	C	CC	3	4.79	2254	0.50	78	78	314	1,520
092G054 259	C	CC	3	2.77	2255	0.37	51	55	401	1,112
092G054 269	C	CC	3	18.40	2255	2.88	50	51	454	8,750
092G043 643	C	CC	2	9.41	2258	0.89	190	190	285	2,685
092G054 227	C	CC	2	4.20	2259	0.39	186	188	283	1,190
092G054 279	C	CC	2	0.59	2259	0.06	146	148	291	171
092G054 251	C	CC	3	6.22	2259	0.73	61	61	351	2,229
092G044 14	C	CC	3	9.91	2260	1.02	94	94	309	3,086
092G054 249	C	CC	3	19.06	2261	2.33	66	67	362	7,072

c) Polygons not harvested

Polygon	Own	Harvest Area (ha)	Reason
092G044 9	C	10.6	Polygon excluded from sort order
092G043 667	C	2.2	Polygon excluded from sort order
092G043 668	C	5.1	Polygon excluded from sort order
092G053 670	C	1.3	Polygon excluded from sort order
092G043 671	C	5.3	Polygon excluded from sort order
092G043 907	C	0.1	Polygon excluded from sort order
092G053 1011	C	2.3	Polygon excluded from sort order
092G054 1029	C	2.0	Polygon excluded from sort order
Total		28.9	

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

Ownership	Harvest Area (ha)	Conifer (m³)	Deciduous (m³)	Total (m³)	Average (m³/yr)
Crown	546.7	752,707	8,827	761,534	3,034
Private	0.0	0	0	0	0
Top-Up	0.0	0	0	0	0
Other	0.0	0	0	0	0
Total	546.7	752,707	8,827	761,534	3,034
Average		2,998	35	3,034	

Hanzlik Rate : 3,183 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)

5.0 Conclusions

1. Polygons have been removed from the calculation for the following reasons:
 - a) do not produce a minimum volume of 300m³ of conifer at the time of culmination.
 - b) Are predominately rock.
 - c) Gambier Lake.
2. Regeneration species make up was based on site index as follows for TIPSy:
SI <23 Poor 100% Fdc (based on recce change to Cw)
SI 23-27 Medium Fdc 80% and Cw 20%
SI >27 Good Fdc 60% and Cw 40%

Stocking Level 1100 stems/ha.

Operational Adjustment Factors OAF 1 15% and OAF 2 5%.

There is no pruning or fertilization considered as part of stand management practices.

3. For TIPSy generated stands utilization is set at 12.5cm DBH
For VDYP generated stands:
Stands <120 years old utilization is set at 12.5cm DBH
Stands >120 years old utilization is set at 17.5 cm DBH.
4. The June 2001 Timber Supply Review (TSR II) for the Sunshine Coast Timber Supply Area was used as a guide for this analysis.
This can be reviewed at
<http://www.for.gov.bc.ca/hts/tsa/tsa39/>
5. Minimum harvestable age is the minimum age at which harvesting is expected to be feasible. It is expected that most stands will be harvested well pass the minimum harvest age because other resource values take precedence. The criteria used to define minimum harvestable age for each stand is minimum volume per hectare determined as follows:

Analysis Unit	Criteria Minimum Volume per Hectare
Fir – good	300 m ³
Fir – Medium	300 m ³
Fir – Poor	300 m ³
Cedar – good and medium	300 m ³
Cedar – poor	300 m ³
Hemlock/Balsam/Spruce – good	300 m ³
Hemlock/Balsam/Spruce – medium	300 m ³
Hemlock/Balsam/Spruce – poor	300 m ³
Pine – good, medium and poor	250 m ³
Red Alder – good, medium and poor	250 m ³
Cottonwood/Maple – good, medium and poor	300 m ³

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
C Age	Culmination Age
C Vol	Volume at Culmination Age
CC	Clearcut
CT	Commercial Thin
Cul	Culmination
Dens	Initial Density (stems/ha)
FIZ	Forest Inventory Zone
Harvest Area (ha)	Area reduced by the area netdown.
MAI	Mean Annual Increment (m ³ /ha/yr)
Mgmt Type	Management Type (VDYP / TIPSYP / 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
T Age	Target Age
T Vol	Volume at Target Age
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)
TIPSYP	Table Interpolation Program for Stand Yields
VAF	Volume Adjustment Factor
VDYP	Variable Density Yield Projection