

BCTS

A94685 - CP# TBD

West Harrison
Block #: HW208

SUMMARY OF VOLUMES (CGNF)
FULL VOLUMES APPLIED

07-Feb-2018 12:35:22PM

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Map Area Statement Report

Average Line Method
 BCTS
 Licence Number: A94685 CP: TBD
 Project: 2018-02

Grades: Cruiser Called Alpha
 Cruiser Est Decay
 Cruiser Est Waste
 CGNF Breakage Table

FIZ: C
 PSYU: Dewdney (Harrison)
 Region: 1 - South Coast
 District: 01 - Chilliwack

07-Feb-2018 12:35:22PM
 Filename: DAC-2018-02-A94685.ccp
 Compiled by: IFS
 Cruised by: DUNHAM & ASSOC.
 Version: 2017.01 IFS build 6070

Card A Cruise Identity

Licence #	: A94685	Cutting Permit #	: TBD
Number of Blocks	: 1	Forest Region	: South Coast
Forest District	: Chilliwack	Type	: PSYU
Unit No	: Dewdney (Harrison)	Tenure	: Forest Licence (COAST)
Quota	: Prop./Mngd.PSYU,TFL,or SSA	Sale Type	: None
Elevation	: 1	Co-ordinates Zone	: Unknown
East	: 0	North	: 0
Total Merch Area	: 40.80	Report Type	: *** FOR MPS PURPOSES ***
Locality	: West Harrison		

Card B Compilation Standard

Damage	: Damage	Selective	: Compile All Trees
Double Sampling	: Measure and Counts Plots	Special Compilation	: No Special Compilation
Species Compilation	: Exceptions Not Used	Type of Compilation	: Coastal

Compilation Standard	Mature	Immature
DBH Limit	17.50	12.00
Stump Height	30	30
Top Diameter	15.00	10.00

Card C Type Description

Type	Description	A	B
1	FH(C) 2-4	40.7	0.1

Card D Block Description

Block	Description	Maturity	Type	A	B
208	HW208	I	1	40.7	0.1

Card F Harvesting Description

Harvest Method	Harvest Description	Type	A	B
SC	Ground Systems - Clearcut	1	40.7	0.1

Card G Treatment Unit Description

Treatment Unit	Description
A	Merch
B	M/C Free

		F	C	H	AC	D
Utilization Limits						
Min DBH	cm (I)	12.0	12.0	12.0	12.0	12.0
Stump Ht	cm (I)	30.0	30.0	30.0	30.0	30.0
Top Dia	cm (I)	10.0	10.0	10.0	10.0	10.0
Log Len	m	13.0	13.0	13.0	13.0	13.0

Type Factors

Forest Types:						
1	:FH(C) 2-4	1.0327	0.8556	1.1027	0.6216	2.5958

Block Factors

Block 208:						
Forest Types:						
1	:FH(C) 2-4	1.0327	0.8556	1.1027	0.6216	2.5958

Harvest Method Factors

Method: SC: Ground Systems - Clearcut						
Forest Types:						
1	:FH(C) 2-4	1.0327	0.8556	1.1027	0.6216	2.5958

Utilization Levels:	Minimum DBH	Top Diameter	Stump Height
Mature Blocks: (cm)	17.5	15.0	30
Immature Blocks: (cm)	12.0	10.0	30
Standard Log Length: (m)	13.00		

Net Area: [All Treatment Units : 40.8]

All Method Summary

Cruiser Call Variable Length Grades %							Net Volume (m3)			Net Volume / ha		
Species	H	I	J	U	X	Y	All	Live	DP	All	Live	DP
CE Cedar			36	54	1	9	1786	1786	0	43.768	43.768	0.000
FI Doug-Fir	2	1	72	23	2		7950	7761	189	194.856	190.211	4.644
HE Hemlock			60	33	3	4	3804	3804	0	93.246	93.246	0.000
AL Alder				35		65	636	636	0	15.583	15.583	0.000
CO Cottonwood				82		18	89	89	0	2.176	2.176	0.000
Total							14265	14075	189	349.630	344.985	4.644

Harvesting Method Summaries

Harvest Method	Net Volume	Net Vol /10m Log	Net Vol /Hectare	Hem+ Bal%	Partial Cut%	Slope%	Down Tree%	Heavy Fire%
SC	14265	0.29	349.630	27		49	0	0
Conventional Methods	14265	0.27	349.630	27		49	0	0
All Methods	14265	0.29	349.630	27			0	0

Cutting Authority

95% Confidence Interval	18.5
Plots/Ha	0.9
Cruised Trees/Plot	4.2
Net 2nd Growth-Conifer %	100.0
Net 2nd Growth-Conifer (m3)	13540
Net Immature by Block %	208:100%
Non Heli Select Conifer (m3/ha)	331.87
Heli Select Total (decimal)	0.00
Heli+Skyline Total (decimal)	0.00
Piece Size - Conifer (m3/10m log)	0.29
Cruise Date (yy-mm):	17-12
# Plots: 37 # <= 5yrs: 37 # > 5yrs: 0 # > 10yrs: 0 # no date: 0	

Harvest Method : SC - Ground Systems - Clearcut[All Treatment Units : 40.8]

		Total	Conifer	Decid	F	C	H	AC	D
Utilization Limits									
Min DBH	cm (I)				12.0	12.0	12.0	12.0	12.0
Stump Ht	cm (I)				30.0	30.0	30.0	30.0	30.0
Top Dia	cm (I)				10.0	10.0	10.0	10.0	10.0
Log Len	m				13.0	13.0	13.0	13.0	13.0
Volume and Size Data									
Gross Merchantable	m3	14782	14026	756	8235	1885	3906	92	663
Net Merchantable	m3	14265	13540	725	7950	1786	3804	89	636
Net Merch - All	m3/ha	349.630	331.870	17.760	194.856	43.768	93.246	2.176	15.583
Net Merch - Live	m3/ha	344.985	327.226	17.760	190.211	43.768	93.246	2.176	15.583
Net Merch - DP	m3/ha	4.644	4.644		4.644				
Decay	%	1	1		1	2	0		
Waste(billing)	%	1	1		1	1	0		
Total Cull (DWB)	%	3	3	4	3	5	3	4	4
Net Merch Vol/Tree	m3	0.38	0.39	0.24	0.46	0.24	0.39	1.22	0.21
Avg 13.0 m Log Net	m3	0.29	0.29	0.24	0.32	0.22	0.28	0.63	0.22
Useless Dead/Living	%								
Net Second Growth	%		100.0		100.0	100.0	100.0		
All Burn Volume	%								
Heavy Fire Volume	%								
Blowdown Volume	%								
Insect Volume	%								
% Average Slope		49							
Cruiser Call Variable Length Grades %									
#2 Sawlog	H	1	1		2				
#3 Sawlog	I	1	1		1				
#4 Sawlog	J	61	64		72	36	60		
#5 Utility	U	30	30	41	23	54	33	82	35
#6 Utility	X	2	2		2	1	3		
#7 Chipper	Y	5	2	59		9	4	18	65

Harvest Method : SC - Ground Systems - Clearcut[Merch : 40.7]

		Total	Conifer	Decid	F	C	H	AC	D
Utilization Limits									
Min DBH	cm (I)				12.0	12.0	12.0	12.0	12.0
Stump Ht	cm (I)				30.0	30.0	30.0	30.0	30.0
Top Dia	cm (I)				10.0	10.0	10.0	10.0	10.0
Log Len	m				13.0	13.0	13.0	13.0	13.0
Volume and Size Data									
Gross Merchantable	m3	14745	13992	754	8215	1881	3896	92	662
Net Merchantable	m3	14230	13507	723	7931	1781	3795	89	634
Net Merch - All	m3/ha	349.630	331.870	17.760	194.856	43.768	93.246	2.176	15.583
Net Merch - Live	m3/ha	344.985	327.226	17.760	190.211	43.768	93.246	2.176	15.583
Net Merch - DP	m3/ha	4.644	4.644		4.644				
Decay	%	1	1		1	2	0		
Waste(billing)	%	1	1		1	1	0		
Total Cull (DWB)	%	3	3	4	3	5	3	4	4
Net Merch Vol/Tree	m3	0.38	0.39	0.24	0.46	0.24	0.39	1.22	0.21
Avg 13.0 m Log Net	m3	0.29	0.29	0.24	0.32	0.22	0.28	0.63	0.22
Useless Dead/Living	%								
Net Second Growth	%		100.0		100.0	100.0	100.0		
All Burn Volume	%								
Heavy Fire Volume	%								
Blowdown Volume	%								
Insect Volume	%								

Cruiser Call Variable Length Grades %

#2 Sawlog	H	1	1		2				
#3 Sawlog	I	1	1		1				
#4 Sawlog	J	61	64		72	36	60		
#5 Utility	U	30	30	41	23	54	33	82	35
#6 Utility	X	2	2		2	1	3		
#7 Chipper	Y	5	2	59		9	4	18	65

Harvest Method : SC - Ground Systems - Clearcut[M/C Free : 0.1]

		Total	Conifer	Decid	F	C	H	AC	D
Utilization Limits									
Min DBH	cm (I)				12.0	12.0	12.0	12.0	12.0
Stump Ht	cm (I)				30.0	30.0	30.0	30.0	30.0
Top Dia	cm (I)				10.0	10.0	10.0	10.0	10.0
Log Len	m				13.0	13.0	13.0	13.0	13.0
Volume and Size Data									
Gross Merchantable	m3	36	34	2	20	5	10	0	2
Net Merchantable	m3	35	33	2	19	4	9	0	2
Net Merch - All	m3/ha	349.630	331.870	17.760	194.856	43.768	93.246	2.176	15.583
Net Merch - Live	m3/ha	344.985	327.226	17.760	190.211	43.768	93.246	2.176	15.583
Net Merch - DP	m3/ha	4.644	4.644		4.644				
Decay	%	1	1		1	2	0		
Waste(billing)	%	1	1		1	1	0		
Total Cull (DWB)	%	3	3	4	3	5	3	4	4
Net Merch Vol/Tree	m3	0.38	0.39	0.24	0.46	0.24	0.39	1.22	0.21
Avg 13.0 m Log Net	m3	0.29	0.29	0.24	0.32	0.22	0.28	0.63	0.22
Useless Dead/Living	%								
Net Second Growth	%		100.0		100.0	100.0	100.0		
All Burn Volume	%								
Heavy Fire Volume	%								
Blowdown Volume	%								
Insect Volume	%								

Cruiser Call Variable Length Grades %

#2 Sawlog	H	1	1		2				
#3 Sawlog	I	1	1		1				
#4 Sawlog	J	61	64		72	36	60		
#5 Utility	U	30	30	41	23	54	33	82	35
#6 Utility	X	2	2		2	1	3		
#7 Chipper	Y	5	2	59		9	4	18	65

Average Line Method

BCTS

Licence Number: A94685 CP: TBD

Project: 2018-02

Grades: Cruiser Called Alpha

Cruiser Est Decay

Cruiser Est Waste

CGNF Breakage Table

Block Summary

FIZ: C

PSYU: Dewdney (Harrison)

Region: 1 - South Coast

District: 01 - Chilliwack

07-Feb-2018 12:35:22PM

Filename: DAC-2018-02-A94685.ccp

Compiled by: IFS

Cruised by: DUNHAM & ASSOC.

Version: 2017.01 IFS build 6070

Net Area: Block : (I) - 208:HW208, Plots in Block: 37, TUs: [All Treatment Units : 40.8]

Gross Area: [Reserve : 0.7][Grand Total : 41.5]

	Total	Conifer	Decid	F	C	H	AC	D
Utilization Limits								
Min DBH cm (I)				12.0	12.0	12.0	12.0	12.0
Stump Ht cm (I)				30.0	30.0	30.0	30.0	30.0
Top Dia cm (I)				10.0	10.0	10.0	10.0	10.0
Log Len m				13.0	13.0	13.0	13.0	13.0

Volume and Size Data

Gross Merchantable	m3	14782	14026	756	8235	1885	3906	92	663
Net Merchantable	m3	14265	13540	725	7950	1786	3804	89	636
Net Merch - All	m3/ha	350	332	18	195	44	93	2	16
Distribution	%	100	95	5	56	13	27	1	4
Decay	%	1	1		1	2	0		
Waste	%	1	1		1	1	0		
Waste(billing)	%	1	1		1	1	0		
Breakage	%	2	2	4	2	2	2	4	4
Total Cull (DWB)	%	3	3	4	3	5	3	4	4
Stems/Ha (Live & DP)		916.4	841.7	74.7	419.8	180.0	241.9	1.8	72.9
Avg DBH (Live & DP)	cm	26.0	26.1	23.7	28.0	22.7	25.3	41.6	23.1
Snags/Ha									
Avg Snag DBH	cm								
Gross Merch Vol/Tree	m3	0.40	0.41	0.25	0.48	0.26	0.40	1.27	0.22
Net Merch Vol/Tree	m3	0.38	0.39	0.24	0.46	0.24	0.39	1.22	0.21
Avg Weight Total Ht	m	22.7	23.1	15.7	24.8	18.2	21.9	27.6	14.2
Avg Weight Merch Ht	m	17.6	18.0	10.8	19.8	12.9	16.6	21.6	9.3
Avg 13.0 m Log Net	m3	0.29	0.29	0.24	0.32	0.22	0.28	0.63	0.22
Avg 13.0 m Log Gross	m3	0.29	0.30	0.24	0.32	0.23	0.28	0.63	0.22
Avg # of 13.0 m Logs/Tree		1.35	1.38	1.02	1.50	1.11	1.39	2.00	1.00
Net Immature	%	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Net 2nd Growth	%		100.0						
Average Slope	%	49							

Cruiser Call Variable Length Grades %

#2 Sawlog	H	1	1		2				
#3 Sawlog	I	1	1		1				
#4 Sawlog	J	61	64		72	36	60		
#5 Utility	U	30	30	41	23	54	33	82	35
#6 Utility	X	2	2		2	1	3		
#7 Chipper	Y	5	2	59		9	4	18	65

Statistical Summary

Coeff. of Variation	%	44.4	46.6	116.4	60.7	150.8	122.0	608.3	103.1
Two Standard Error	%	18.5	19.4	48.5	25.3	62.9	50.9	253.7	43.0
Number and Type of Plots	MP = 23	CP = 14							
Number of Potential Trees	92								
Plots/Ha	0.9								
Cruised Trees/Plot	4.2								

Slope % Statistics

Min= 8, Max=150, CV=50.3, Std Error of Mean=4.1, 2SE%=16.5

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Double Sampling Factor Applied, Damage,

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Average Line Method

BCTS

Licence Number: A94685 CP: TBD

Project: 2018-02

Grades: Cruiser Called Alpha

Cruiser Est Decay

Cruiser Est Waste

CGNF Breakage Table

Block Summary

FIZ: C

PSYU: Dewdney (Harrison)

Region: 1 - South Coast

District: 01 - Chilliwack

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Version: 2017.01 IFS build 6070

Net Area: Block : (I) - 208:HW208, Plots in Block: 37, TUs: [Merch : 40.7]

	Total	Conifer	Decid	F	C	H	AC	D
Utilization Limits								
Min DBH cm (I)				12.0	12.0	12.0	12.0	12.0
Stump Ht cm (I)				30.0	30.0	30.0	30.0	30.0
Top Dia cm (I)				10.0	10.0	10.0	10.0	10.0
Log Len m				13.0	13.0	13.0	13.0	13.0
Volume and Size Data								
Gross Merchantable m3	14745	13992	754	8215	1881	3896	92	662
Net Merchantable m3	14230	13507	723	7931	1781	3795	89	634
Net Merch - All m3/ha	350	332	18	195	44	93	2	16
Distribution %	100	95	5	56	13	27	1	4
Decay %	1	1		1	2	0		
Waste %	1	1		1	1	0		
Waste(billing) %	1	1		1	1	0		
Breakage %	2	2	4	2	2	2	4	4
Total Cull (DWB) %	3	3	4	3	5	3	4	4
Stems/Ha (Live & DP)	916.4	841.7	74.7	419.8	180.0	241.9	1.8	72.9
Avg DBH (Live & DP) cm	26.0	26.1	23.7	28.0	22.7	25.3	41.6	23.1
Snags/Ha								
Avg Snag DBH cm								
Gross Merch Vol/Tree m3	0.40	0.41	0.25	0.48	0.26	0.40	1.27	0.22
Net Merch Vol/Tree m3	0.38	0.39	0.24	0.46	0.24	0.39	1.22	0.21
Avg Weight Total Ht m	22.7	23.1	15.7	24.8	18.2	21.9	27.6	14.2
Avg Weight Merch Ht m	17.6	18.0	10.8	19.8	12.9	16.6	21.6	9.3
Avg 13.0 m Log Net m3	0.29	0.29	0.24	0.32	0.22	0.28	0.63	0.22
Avg 13.0 m Log Gross m3	0.29	0.30	0.24	0.32	0.23	0.28	0.63	0.22
Avg # of 13.0 m Logs/Tree	1.35	1.38	1.02	1.50	1.11	1.39	2.00	1.00
Net Immature %	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Net 2nd Growth %		100.0						
Average Slope %	49							
Cruiser Call Variable Length Grades %								
#2 Sawlog H	1	1		2				
#3 Sawlog I	1	1		1				
#4 Sawlog J	61	64		72	36	60		
#5 Utility U	30	30	41	23	54	33	82	35
#6 Utility X	2	2		2	1	3		
#7 Chipper Y	5	2	59		9	4	18	65
Statistical Summary								
Coeff. of Variation %	44.4	46.6	116.4	60.7	150.8	122.0	608.3	103.1
Two Standard Error %	18.5	19.4	48.5	25.3	62.9	50.9	253.7	43.0
Number and Type of Plots	MP = 23	CP = 14						
Number of Potential Trees	92							
Plots/Ha	0.9							
Cruised Trees/Plot	4.2							

Slope % Statistics

Min= 8, Max=150, CV=50.3, Std Error of Mean=4.1, 2SE%=16.5

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Double Sampling Factor Applied, Damage,

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Average Line Method

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	Total	Conifer	Decid	F	C	H	AC	D
Utilization Limits								
Min DBH cm (I)				12.0	12.0	12.0	12.0	12.0
Stump Ht cm (I)				30.0	30.0	30.0	30.0	30.0
Top Dia cm (I)				10.0	10.0	10.0	10.0	10.0
Log Len m				13.0	13.0	13.0	13.0	13.0

Volume and Size Data

Gross Merchantable	m3	36	34	2	20	5	10	0	2
Net Merchantable	m3	35	33	2	19	4	9	0	2
Net Merch - All	m3/ha	350	332	18	195	44	93	2	16
Distribution	%	100	95	5	56	13	27	1	4
Decay	%	1	1		1	2	0		
Waste	%	1	1		1	1	0		
Waste(billing)	%	1	1		1	1	0		
Breakage	%	2	2	4	2	2	2	4	4
Total Cull (DWB)	%	3	3	4	3	5	3	4	4
Stems/Ha (Live & DP)		916.4	841.7	74.7	419.8	180.0	241.9	1.8	72.9
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Avg Weight Total Ht	m	22.7	23.1	15.7	24.8	18.2	21.9	27.6	14.2
Avg Weight Merch Ht	m	17.6	18.0	10.8	19.8	12.9	16.6	21.6	9.3
Avg 13.0 m Log Net	m3	0.29	0.29	0.24	0.32	0.22	0.28	0.63	0.22
Avg 13.0 m Log Gross	m3	0.29	0.30	0.24	0.32	0.23	0.28	0.63	0.22
Avg # of 13.0 m Logs/Tree		1.35	1.38	1.02	1.50	1.11	1.39	2.00	1.00
Net Immature	%	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Net 2nd Growth	%		100.0						
Average Slope	%	49							

Cruiser Call Variable Length Grades %

#2 Sawlog	H	1	1		2				
#3 Sawlog	I	1	1		1				
#4 Sawlog	J	61	64		72	36	60		
#5 Utility	U	30	30	41	23	54	33	82	35
#6 Utility	X	2	2		2	1	3		
#7 Chipper	Y	5	2	59		9	4	18	65

Statistical Summary

Coeff. of Variation	%	44.4	46.6	116.4	60.7	150.8	122.0	608.3	103.1
Two Standard Error	%	18.5	19.4	48.5	25.3	62.9	50.9	253.7	43.0
Number and Type of Plots	MP = 23	CP = 14							
Number of Potential Trees	92								
Plots/Ha	0.9								
Cruised Trees/Plot	4.2								

Slope % Statistics

Min= 8, Max=150, CV=50.3, Std Error of Mean=4.1, 2SE%=16.5

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Double Sampling Factor Applied, Damage,

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Average Line Method	Grades: Cruiser Called Alpha	Type Summary	07-Feb-2018 12:35:22PM
BCTS	Cruiser Est Decay	FIZ: C	Filename: DAC-2018-02-A94685.ccp
Licence Number: A94685 CP: TBD	Cruiser Est Waste	PSYU: Dewdney (Harrison)	Compiled by: IFS
Project: 2018-02	CGNF Breakage Table	Region: 1 - South Coast	Cruised by: DUNHAM & ASSOC.
		District: 01 - Chilliwack	Version: 2017.01 IFS build 6070

Net Area: Type 1 (I):FH(C) 2-4, Plots in Type: 37, TUs: [All Treatment Units : 40.8]

		Total	Conifer	Decid	F	C	H	AC	D
Utilization Limits									
Min DBH	cm (I)				12.0	12.0	12.0	12.0	12.0
Stump Ht	cm (I)				30.0	30.0	30.0	30.0	30.0
Top Dia	cm (I)				10.0	10.0	10.0	10.0	10.0
Log Len	m				13.0	13.0	13.0	13.0	13.0
Volume and Size Data									
Gross Merchantable	m3	14782	14026	756	8235	1885	3906	92	663
Net Merchantable	m3	14265	13540	725	7950	1786	3804	89	636
Net Merch - All	m3/ha	350	332	18	195	44	93	2	16
Distribution	%	100	95	5	56	13	27	1	4
Decay	%	1	1		1	2	0		
Waste	%	1	1		1	1	0		
Waste(billing)	%	1	1		1	1	0		
Breakage	%	2	2	4	2	2	2	4	4
Total Cull (DWB)	%	3	3	4	3	5	3	4	4
Stems/Ha (Live & DP)		916.4	841.7	74.7	419.8	180.0	241.9	1.8	72.9
Avg DBH (Live & DP)	cm	26.0	26.1	23.7	28.0	22.7	25.3	41.6	23.1
Snags/Ha									
Avg Snag DBH	cm								
Gross Merch Vol/Tree	m3	0.40	0.41	0.25	0.48	0.26	0.40	1.27	0.22
Net Merch Vol/Tree	m3	0.38	0.39	0.24	0.46	0.24	0.39	1.22	0.21
Avg Weight Total Ht	m	22.7	23.1	15.7	24.8	18.2	21.9	27.6	14.2
Avg Weight Merch Ht	m	17.6	18.0	10.8	19.8	12.9	16.6	21.6	9.3
Avg 13.0 m Log Net	m3	0.29	0.29	0.24	0.32	0.22	0.28	0.63	0.22
Avg 13.0 m Log Gross	m3	0.29	0.30	0.24	0.32	0.23	0.28	0.63	0.22
Avg # of 13.0 m Logs/Tree		1.35	1.38	1.02	1.50	1.11	1.39	2.00	1.00
Net Immature	%	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Net 2nd Growth	%		100.0						

Cruiser Call Variable Length Grades %

#2 Sawlog	H	1	1		2				
#3 Sawlog	I	1	1		1				
#4 Sawlog	J	61	64		72	36	60		
#5 Utility	U	30	30	41	23	54	33	82	35
#6 Utility	X	2	2		2	1	3		
#7 Chipper	Y	5	2	59		9	4	18	65

Statistical Summary

Coeff. of Variation	%	57.9	59.5	267.4	78.2	162.6	168.9	479.6	336.5
Two Standard Error	%	18.5	19.4	48.5	25.3	62.9	50.9	253.7	43.0
Number and Type of Plots	MP = 23 CP = 14								
Number of Potential Trees	92								
Plots/Ha	0.9								
Cruised Trees/Plot	4.2								

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Double Sampling Factor Applied, Damage,
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Average Line Method

BCTS

Licence Number: A94685 CP: TBD

Project: 2018-02

Grades: Cruiser Called Alpha

Cruiser Est Decay

Cruiser Est Waste

CGNF Breakage Table

Type Summary

FIZ: C

PSYU: Dewdney (Harrison)

Region: 1 - South Coast

District: 01 - Chilliwack

07-Feb-2018 12:35:22PM

Filename: DAC-2018-02-A94685.ccp

Compiled by: IFS

Cruised by: DUNHAM & ASSOC.

Version: 2017.01 IFS build 6070

Net Area: Type 1 (I):FH(C) 2-4, Plots in Type: 37, TUs: [Merch : 40.7]

		Total	Conifer	Decid	F	C	H	AC	D
Utilization Limits									
Min DBH	cm (I)				12.0	12.0	12.0	12.0	12.0
Stump Ht	cm (I)				30.0	30.0	30.0	30.0	30.0
Top Dia	cm (I)				10.0	10.0	10.0	10.0	10.0
Log Len	m				13.0	13.0	13.0	13.0	13.0
Volume and Size Data									
Gross Merchantable	m3	14745	13992	754	8215	1881	3896	92	662
Net Merchantable	m3	14230	13507	723	7931	1781	3795	89	634
Net Merch - All	m3/ha	350	332	18	195	44	93	2	16
Distribution	%	100	95	5	56	13	27	1	4
Decay	%	1	1		1	2	0		
Waste	%	1	1		1	1	0		
Waste(billing)	%	1	1		1	1	0		
Breakage	%	2	2	4	2	2	2	4	4
Total Cull (DWB)	%	3	3	4	3	5	3	4	4
Stems/Ha (Live & DP)		916.4	841.7	74.7	419.8	180.0	241.9	1.8	72.9
Avg DBH (Live & DP)	cm	26.0	26.1	23.7	28.0	22.7	25.3	41.6	23.1
Snags/Ha									
Avg Snag DBH	cm								
Gross Merch Vol/Tree	m3	0.40	0.41	0.25	0.48	0.26	0.40	1.27	0.22
Net Merch Vol/Tree	m3	0.38	0.39	0.24	0.46	0.24	0.39	1.22	0.21
Avg Weight Total Ht	m	22.7	23.1	15.7	24.8	18.2	21.9	27.6	14.2
Avg Weight Merch Ht	m	17.6	18.0	10.8	19.8	12.9	16.6	21.6	9.3
Avg 13.0 m Log Net	m3	0.29	0.29	0.24	0.32	0.22	0.28	0.63	0.22
Avg 13.0 m Log Gross	m3	0.29	0.30	0.24	0.32	0.23	0.28	0.63	0.22
Avg # of 13.0 m Logs/Tree		1.35	1.38	1.02	1.50	1.11	1.39	2.00	1.00
Net Immature	%	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Net 2nd Growth	%		100.0						

Cruiser Call Variable Length Grades %

#2 Sawlog	H	1	1		2				
#3 Sawlog	I	1	1		1				
#4 Sawlog	J	61	64		72	36	60		
#5 Utility	U	30	30	41	23	54	33	82	35
#6 Utility	X	2	2		2	1	3		
#7 Chipper	Y	5	2	59		9	4	18	65

Statistical Summary

Coeff. of Variation	%	57.9	59.5	267.4	78.2	162.6	168.9	479.6	336.5
Two Standard Error	%	18.5	19.4	48.5	25.3	62.9	50.9	253.7	43.0
Number and Type of Plots	MP = 23	CP = 14							
Number of Potential Trees	92								
Plots/Ha	0.9								
Cruised Trees/Plot	4.2								

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Double Sampling Factor Applied, Damage,
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Average Line Method	Grades: Cruiser Called Alpha	Type Summary	07-Feb-2018 12:35:22PM
BCTS	Cruiser Est Decay	FIZ: C	Filename: DAC-2018-02-A94685.ccp
Licence Number: A94685 CP: TBD	Cruiser Est Waste	PSYU: Dewdney (Harrison)	Compiled by: IFS
Project: 2018-02	CGNF Breakage Table	Region: 1 - South Coast	Cruised by: DUNHAM & ASSOC.
		District: 01 - Chilliwack	Version: 2017.01 IFS build 6070

Net Area: Type 1 (I):FH(C) 2-4, Plots in Type: 37, TUs: [M/C Free : 0.1]

	Total	Conifer	Decid	F	C	H	AC	D
Utilization Limits								
Min DBH cm (I)				12.0	12.0	12.0	12.0	12.0
Stump Ht cm (I)				30.0	30.0	30.0	30.0	30.0
Top Dia cm (I)				10.0	10.0	10.0	10.0	10.0
Log Len m				13.0	13.0	13.0	13.0	13.0
Volume and Size Data								
Gross Merchantable m3	36	34	2	20	5	10	0	2
Net Merchantable m3	35	33	2	19	4	9	0	2
Net Merch - All m3/ha	350	332	18	195	44	93	2	16
Distribution %	100	95	5	56	13	27	1	4
Decay %	1	1		1	2	0		
Waste %	1	1		1	1	0		
Waste(billing) %	1	1		1	1	0		
Breakage %	2	2	4	2	2	2	4	4
Total Cull (DWB) %	3	3	4	3	5	3	4	4
Stems/Ha (Live & DP)	916.4	841.7	74.7	419.8	180.0	241.9	1.8	72.9
Avg DBH (Live & DP) cm	26.0	26.1	23.7	28.0	22.7	25.3	41.6	23.1
Snags/Ha								
Avg Snag DBH cm								
Gross Merch Vol/Tree m3	0.40	0.41	0.25	0.48	0.26	0.40	1.27	0.22
Net Merch Vol/Tree m3	0.38	0.39	0.24	0.46	0.24	0.39	1.22	0.21
Avg Weight Total Ht m	22.7	23.1	15.7	24.8	18.2	21.9	27.6	14.2
Avg Weight Merch Ht m	17.6	18.0	10.8	19.8	12.9	16.6	21.6	9.3
Avg 13.0 m Log Net m3	0.29	0.29	0.24	0.32	0.22	0.28	0.63	0.22
Avg 13.0 m Log Gross m3	0.29	0.30	0.24	0.32	0.23	0.28	0.63	0.22
Avg # of 13.0 m Logs/Tree	1.35	1.38	1.02	1.50	1.11	1.39	2.00	1.00
Net Immature %	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Net 2nd Growth %		100.0						

Cruiser Call Variable Length Grades %

#2 Sawlog	H	1	1		2				
#3 Sawlog	I	1	1		1				
#4 Sawlog	J	61	64		72	36	60		
#5 Utility	U	30	30	41	23	54	33	82	35
#6 Utility	X	2	2		2	1	3		
#7 Chipper	Y	5	2	59		9	4	18	65

Statistical Summary

Coeff. of Variation %	57.9	59.5	267.4	78.2	162.6	168.9	479.6	336.5
Two Standard Error %	18.5	19.4	48.5	25.3	62.9	50.9	253.7	43.0
Number and Type of Plots	MP = 23	CP = 14						
Number of Potential Trees	92							
Plots/Ha	0.9							
Cruised Trees/Plot	4.2							

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Double Sampling Factor Applied, Damage,
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Average Line Method
BCTS
Licence Number: A94685 CP: TBD
Project: 2018-02

Grades: Cruiser Called Alpha
Cruiser Est Decay
Cruiser Est Waste
CGNF Breakage Table

FIZ: C
PSYU: Dewdney (Harrison)
Region: 1 - South Coast
District: 01 - Chilliwack

Utilization Levels:	Minimum DBH	Top Diameter	Stump Height
Mature Blocks: (cm)	17.5	15.0	30
Immature Blocks: (cm)	12.0	10.0	30
Standard Log Length: (m)	13.00		

Forest Type	Plots			Area ha	Net Volume m3/ha	Proportional Volume	Trees			Standard Deviation	Coeff. of Variation	Sampling Error	
	Cnt	Mea	Tot				Cnt	Mea	Tot			1 SE%	2 SE%
1 :FH(C) 2-4	14	23	37	40.8	349.6	1.00	60	92	152	193.3933	57.9	9.2	18.5
TOTAL	14	23	37	40.8	349.6		60	92	152		44.4	9.2	18.5

Number of live & dead potential trees sampled is 92
Number of dead useless trees sampled is 0
Number of live useless trees sampled is 0
The measured weighted sampling error is 25.0% at the 95% confidence level
The weighted sampling error is 18.5% at the 95% confidence level

Utilization Levels:	Minimum DBH	Top Diameter	Stump Height
Mature Blocks: (cm)	17.5	15.0	30
Immature Blocks: (cm)	12.0	10.0	30
Standard Log Length: (m)	13.00		

Forest Type	Plots			Area ha	Basal Area m2/ha	Proportional Basal Area	Trees			Standard Deviation	Coeff. of Variation	Sampling Error	
	Cnt	Mea	Tot				Cnt	Mea	Tot			1 SE%	2 SE%
1 :FH(C) 2-4	14	23	37	40.8	48.5	1.00	60	92	152	24.4535	50.4	8.3	16.6
TOTAL	14	23	37	40.8	48.5		60	92	152		50.4	8.3	16.6

Number of live & dead potential trees sampled is 92
Number of dead useless trees sampled is 0
Number of live useless trees sampled is 0
The measured weighted sampling error is 23.0% at the 95% confidence level
The weighted sampling error is 16.6% at the 95% confidence level

*** FOR MPS PURPOSES ***

BSTND- 1 , p17

			Block Stand Table (stems/ha)			07-Feb-2018 12:35:22PM		
Average Line Method			Grades: Cruiser Called Alpha			FIZ: C		
BCTS			Cruiser Est Decay			PSYU: Dewdney (Harrison)		
Licence Number: A94685 CP: TBD			Cruiser Est Waste			Region: 1 - South Coast		
Project: 2018-02			CGNF Breakage Table			District: 01 - Chilliwack		
						Compiled by: IFS		
						Cruised by: DUNHAM & ASSOC.		
						Version: 2017.01 IFS build 6070		

Block : (I) - 208:HW208, Plots in Block: 37, TUs: [All Treatment Units : 40.8]

		F	C	H	AC	D	Total	DP	DU	LU
Utilization Limits										
Min DBH	cm (I)	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
Stump Ht	cm (I)	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Top Dia	cm (I)	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Log Len	m	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
DBH										
Class										
5										
10										
15										
		64.4	32.3	71.5			168.3			
20										
		89.6	59.1	24.4		29.6	202.7	19.0		
25										
		61.8	62.8	68.2		43.3	236.1			
30										
		69.4	13.3	24.0			106.7			
35										
		66.3	5.0	44.4			115.7			
40										
		23.2	7.4	9.4	1.8		41.7			
45										
		20.1					20.1	2.6		
50										
		1.9					1.9			
55										
60										
		1.5					1.5			
65										
70										
75										
80										
85										
90										
95										
100										
105										
110										
115										
120										
125										
130										
135										
140										
145										
150										
175										
200										
225										
250										
275										
Total		398.2	180.0	241.9	1.8	72.9	894.8			
Dead P		21.6						21.6		
Dead U										
Live U										
Average DBH(cm) at 5 Levels										
12.5 +		28.2	22.7	25.3	41.6	23.1	26.0	23.7		
17.5 +		30.1	24.2	28.8	41.6	23.1	28.1	23.7		
22.5 +		33.1	27.4	30.3	41.6	24.5	30.8	44.6		
27.5 +		35.1	33.6	34.3	41.6		34.8	44.6		
32.5 +		38.1	37.5	36.3	41.6		37.6	44.6		

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Double Sampling Factor Applied, Damage,
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*** FOR MPS PURPOSES ***

BSTND- 2 , p18

			Block Stand Table (stems/ha)			07-Feb-2018 12:35:22PM		
Average Line Method			Grades: Cruiser Called Alpha			FIZ: C		
BCTS			Cruiser Est Decay			PSYU: Dewdney (Harrison)		
Licence Number: A94685 CP: TBD			Cruiser Est Waste			Region: 1 - South Coast		
Project: 2018-02			CGNF Breakage Table			District: 01 - Chilliwack		
						Compiled by: IFS		
						Cruised by: DUNHAM & ASSOC.		
						Version: 2017.01 IFS build 6070		

Block : (I) - 208:HW208, Plots in Block: 37, TUs: [Merch : 40.7]

		F	C	H	AC	D	Total	DP	DU	LU
Utilization Limits										
Min DBH	cm (I)	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
Stump Ht	cm (I)	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Top Dia	cm (I)	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Log Len	m	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
DBH										
Class										
5										
10										
15										
		64.4	32.3	71.5			168.3			
20										
		89.6	59.1	24.4		29.6	202.7	19.0		
25										
		61.8	62.8	68.2		43.3	236.1			
30										
		69.4	13.3	24.0			106.7			
35										
		66.3	5.0	44.4			115.7			
40										
		23.2	7.4	9.4	1.8		41.7			
45										
		20.1					20.1	2.6		
50										
		1.9					1.9			
55										
60										
		1.5					1.5			
65										
70										
75										
80										
85										
90										
95										
100										
105										
110										
115										
120										
125										
130										
135										
140										
145										
150										
175										
200										
225										
250										
275										
Total		398.2	180.0	241.9	1.8	72.9	894.8			
Dead P		21.6						21.6		
Dead U										
Live U										
Average DBH(cm) at 5 Levels										
12.5 +		28.2	22.7	25.3	41.6	23.1	26.0	23.7		
17.5 +		30.1	24.2	28.8	41.6	23.1	28.1	23.7		
22.5 +		33.1	27.4	30.3	41.6	24.5	30.8	44.6		
27.5 +		35.1	33.6	34.3	41.6		34.8	44.6		
32.5 +		38.1	37.5	36.3	41.6		37.6	44.6		

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Double Sampling Factor Applied, Damage,
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Block Stand Table (stems/ha)

Average Line Method	Grades: Cruiser Called Alpha	FIZ: C
BCTS	Cruiser Est Decay	PSYU: Dewdney (Harrison)
Licence Number: A94685 CP: TBD	Cruiser Est Waste	Region: 1 - South Coast
Project: 2018-02	CGNF Breakage Table	District: 01 - Chilliwack

07-Feb-2018 12:35:22PM
 Filename: DAC-2018-02-A94685.ccp
 Compiled by: IFS
 Cruised by: DUNHAM & ASSOC.
 Version: 2017.01 IFS build 6070

Block : (I) - 208:HW208, Plots in Block: 37, TUs: [M/C Free : 0.1]

	F	C	H	AC	D	Total	DP	DU	LU
Utilization Limits									
Min DBH cm (I)	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
Stump Ht cm (I)	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Top Dia cm (I)	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Log Len m	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
DBH									
Class									
5									
10									
15	64.4	32.3	71.5			168.3			
20	89.6	59.1	24.4		29.6	202.7	19.0		
25	61.8	62.8	68.2		43.3	236.1			
30	69.4	13.3	24.0			106.7			
35	66.3	5.0	44.4			115.7			
40	23.2	7.4	9.4	1.8		41.7			
45	20.1					20.1	2.6		
50	1.9					1.9			
55									
60	1.5					1.5			
65									
70									
75									
80									
85									
90									
95									
100									
105									
110									
115									
120									
125									
130									
135									
140									
145									
150									
175									
200									
225									
250									
275									
Total	398.2	180.0	241.9	1.8	72.9	894.8			
Dead P	21.6						21.6		
Dead U									
Live U									
Average DBH(cm) at 5 Levels									
12.5 +	28.2	22.7	25.3	41.6	23.1	26.0	23.7		
17.5 +	30.1	24.2	28.8	41.6	23.1	28.1	23.7		
22.5 +	33.1	27.4	30.3	41.6	24.5	30.8	44.6		
27.5 +	35.1	33.6	34.3	41.6		34.8	44.6		
32.5 +	38.1	37.5	36.3	41.6		37.6	44.6		

Average Line Method Grades: Cruiser Called Alpha FIZ: C
 BCTS Cruiser Est Decay PSYU: Dewdney (Harrison)
 Licence Number: A94685 CP: TBD Cruiser Est Waste Region: 1 - South Coast
 Project: 2018-02 CGNF Breakage Table District: 01 - Chilliwack

07-Feb-2018 12:35:22PM
 Filename: DAC-2018-02-A94685.ccp
 Compiled by: IFS
 Cruised by: DUNHAM & ASSOC.
 Version: 2017.01 IFS build 6070

Type 1 (I):FH(C) 2-4, Plots in Type: 37, TUs: [All Treatment Units : 40.8]

	F	C	H	AC	D	Total	DP	DU	LU
Utilization Limits									
Min DBH cm (I)	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
Stump Ht cm (I)	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Top Dia cm (I)	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Log Len m	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
DBH									
Class									
5									
10									
15	64.4	32.3	71.5			168.3			
20	89.6	59.1	24.4		29.6	202.7	19.0		
25	61.8	62.8	68.2		43.3	236.1			
30	69.4	13.3	24.0			106.7			
35	66.3	5.0	44.4			115.7			
40	23.2	7.4	9.4	1.8		41.7			
45	20.1					20.1	2.6		
50	1.9					1.9			
55									
60	1.5					1.5			
65									
70									
75									
80									
85									
90									
95									
100									
105									
110									
115									
120									
125									
130									
135									
140									
145									
150									
175									
200									
225									
250									
275									
Total	398.2	180.0	241.9	1.8	72.9	894.8			
Dead P	21.6						21.6		
Dead U									
Live U									
Average DBH(cm) at 5 Levels									
12.5 +	28.2	22.7	25.3	41.6	23.1	26.0	23.7		
17.5 +	30.1	24.2	28.8	41.6	23.1	28.1	23.7		
22.5 +	33.1	27.4	30.3	41.6	24.5	30.8	44.6		
27.5 +	35.1	33.6	34.3	41.6		34.8	44.6		
32.5 +	38.1	37.5	36.3	41.6		37.6	44.6		

Average Line Method
 BCTS
 Licence Number: A94685 CP: TBD
 Project: 2018-02

Grades: Cruiser Called Alpha
 Cruiser Est Decay
 Cruiser Est Waste
 CGNF Breakage Table

Type Stand Table (stems/ha)
 FIZ: C
 PSYU: Dewdney (Harrison)
 Region: 1 - South Coast
 District: 01 - Chilliwack

07-Feb-2018 12:35:22PM
 Filename: DAC-2018-02-A94685.ccp
 Compiled by: IFS
 Cruised by: DUNHAM & ASSOC.
 Version: 2017.01 IFS build 6070

Type 1 (I):FH(C) 2-4, Plots in Type: 37, TUs: [Merch : 40.7]

	F	C	H	AC	D	Total	DP	DU	LU
Utilization Limits									
Min DBH cm (I)	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
Stump Ht cm (I)	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Top Dia cm (I)	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Log Len m	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
DBH									
Class									
5									
10									
15	64.4	32.3	71.5			168.3			
20	89.6	59.1	24.4		29.6	202.7	19.0		
25	61.8	62.8	68.2		43.3	236.1			
30	69.4	13.3	24.0			106.7			
35	66.3	5.0	44.4			115.7			
40	23.2	7.4	9.4	1.8		41.7			
45	20.1					20.1	2.6		
50	1.9					1.9			
55									
60	1.5					1.5			
65									
70									
75									
80									
85									
90									
95									
100									
105									
110									
115									
120									
125									
130									
135									
140									
145									
150									
175									
200									
225									
250									
275									
Total	398.2	180.0	241.9	1.8	72.9	894.8			
Dead P	21.6						21.6		
Dead U									
Live U									
Average DBH(cm) at 5 Levels									
12.5 +	28.2	22.7	25.3	41.6	23.1	26.0	23.7		
17.5 +	30.1	24.2	28.8	41.6	23.1	28.1	23.7		
22.5 +	33.1	27.4	30.3	41.6	24.5	30.8	44.6		
27.5 +	35.1	33.6	34.3	41.6		34.8	44.6		
32.5 +	38.1	37.5	36.3	41.6		37.6	44.6		

Average Line Method
 BCTS
 Licence Number: A94685 CP: TBD
 Project: 2018-02

Grades: Cruiser Called Alpha
 Cruiser Est Decay
 Cruiser Est Waste
 CGNF Breakage Table

Type Stand Table (stems/ha)
 FIZ: C
 PSYU: Dewdney (Harrison)
 Region: 1 - South Coast
 District: 01 - Chilliwack

07-Feb-2018 12:35:22PM
 Filename: DAC-2018-02-A94685.ccp
 Compiled by: IFS
 Cruised by: DUNHAM & ASSOC.
 Version: 2017.01 IFS build 6070

Type 1 (I):FH(C) 2-4, Plots in Type: 37, TUs: [M/C Free : 0.1]

	F	C	H	AC	D	Total	DP	DU	LU
Utilization Limits									
Min DBH cm (I)	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
Stump Ht cm (I)	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Top Dia cm (I)	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Log Len m	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
DBH									
Class									
5									
10									
15	64.4	32.3	71.5			168.3			
20	89.6	59.1	24.4		29.6	202.7	19.0		
25	61.8	62.8	68.2		43.3	236.1			
30	69.4	13.3	24.0			106.7			
35	66.3	5.0	44.4			115.7			
40	23.2	7.4	9.4	1.8		41.7			
45	20.1					20.1	2.6		
50	1.9					1.9			
55									
60	1.5					1.5			
65									
70									
75									
80									
85									
90									
95									
100									
105									
110									
115									
120									
125									
130									
135									
140									
145									
150									
175									
200									
225									
250									
275									
Total	398.2	180.0	241.9	1.8	72.9	894.8			
Dead P	21.6						21.6		
Dead U									
Live U									
Average DBH(cm) at 5 Levels									
12.5 +	28.2	22.7	25.3	41.6	23.1	26.0	23.7		
17.5 +	30.1	24.2	28.8	41.6	23.1	28.1	23.7		
22.5 +	33.1	27.4	30.3	41.6	24.5	30.8	44.6		
27.5 +	35.1	33.6	34.3	41.6		34.8	44.6		
32.5 +	38.1	37.5	36.3	41.6		37.6	44.6		

Block Stock Table (m3/ha)

Average Line Method	Grades: Cruiser Called Alpha	FIZ: C
BCTS	Cruiser Est Decay	PSYU: Dewdney (Harrison)
Licence Number: A94685 CP: TBD	Cruiser Est Waste	Region: 1 - South Coast
Project: 2018-02	CGNF Breakage Table	District: 01 - Chilliwack

07-Feb-2018 12:35:22PM
 Filename: DAC-2018-02-A94685.ccp
 Compiled by: IFS
 Cruised by: DUNHAM & ASSOC.
 Version: 2017.01 IFS build 6070

Block : (I) - 208:HW208, Plots in Block: 37, TUs: [All Treatment Units : 40.8]

	F	C	H	AC	D	Total	DP	DU	LU
Utilization Limits									
Min DBH cm (I)	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
Stump Ht cm (I)	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Top Dia cm (I)	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Log Len m	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
DBH									
Class									
5									
10									
15	5.5	1.7	2.5			9.7			
20	16.4	8.6	1.7		4.6	31.3	2.2		
25	25.4	19.5	25.7		11.0	81.5			
30	37.0	4.7	14.5			56.3			
35	49.1	3.0	37.5			89.6			
40	22.1	6.2	11.4	2.2		41.9			
45	27.7					27.7	2.5		
50	3.8					3.8			
55									
60	3.2					3.2			
65									
70									
75									
80									
85									
90									
95									
100									
105									
110									
115									
120									
125									
130									
135									
140									
145									
150									
175									
200									
225									
250									
275									
Total	190.2	43.8	93.2	2.2	15.6	345.0			
Dead P	4.6						4.6		
Total Volumes for 7 Levels									
17.5 +	184.7	42.1	90.8	2.2	15.6	335.3	4.6		
22.5 +	168.3	33.5	89.1	2.2	11.0	304.0	2.5		
27.5 +	142.9	14.0	63.4	2.2		222.5	2.5		
32.5 +	105.9	9.3	48.9	2.2		166.2	2.5		
37.5 +	56.8	6.2	11.4	2.2		76.6	2.5		
42.5 +	34.7					34.7	2.5		
47.5 +	7.0					7.0			

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Double Sampling Factor Applied, Damage,
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Block Stock Table (m3/ha)

Average Line Method	Grades: Cruiser Called Alpha	FIZ: C
BCTS	Cruiser Est Decay	PSYU: Dewdney (Harrison)
Licence Number: A94685 CP: TBD	Cruiser Est Waste	Region: 1 - South Coast
Project: 2018-02	CGNF Breakage Table	District: 01 - Chilliwack

07-Feb-2018 12:35:22PM
 Filename: DAC-2018-02-A94685.ccp
 Compiled by: IFS
 Cruised by: DUNHAM & ASSOC.
 Version: 2017.01 IFS build 6070

Block : (I) - 208:HW208, Plots in Block: 37, TUs: [Merch : 40.7]

	F	C	H	AC	D	Total	DP	DU	LU
Utilization Limits									
Min DBH cm (I)	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
Stump Ht cm (I)	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Top Dia cm (I)	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Log Len m	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
DBH									
Class									
5									
10									
15	5.5	1.7	2.5			9.7			
20	16.4	8.6	1.7		4.6	31.3	2.2		
25	25.4	19.5	25.7		11.0	81.5			
30	37.0	4.7	14.5			56.3			
35	49.1	3.0	37.5			89.6			
40	22.1	6.2	11.4	2.2		41.9			
45	27.7					27.7	2.5		
50	3.8					3.8			
55									
60	3.2					3.2			
65									
70									
75									
80									
85									
90									
95									
100									
105									
110									
115									
120									
125									
130									
135									
140									
145									
150									
175									
200									
225									
250									
275									
Total	190.2	43.8	93.2	2.2	15.6	345.0			
Dead P	4.6						4.6		
Total Volumes for 7 Levels									
17.5 +	184.7	42.1	90.8	2.2	15.6	335.3	4.6		
22.5 +	168.3	33.5	89.1	2.2	11.0	304.0	2.5		
27.5 +	142.9	14.0	63.4	2.2		222.5	2.5		
32.5 +	105.9	9.3	48.9	2.2		166.2	2.5		
37.5 +	56.8	6.2	11.4	2.2		76.6	2.5		
42.5 +	34.7					34.7	2.5		
47.5 +	7.0					7.0			

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Double Sampling Factor Applied, Damage,
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Block Stock Table (m3/ha)

Average Line Method	Grades: Cruiser Called Alpha	FIZ: C
BCTS	Cruiser Est Decay	PSYU: Dewdney (Harrison)
Licence Number: A94685 CP: TBD	Cruiser Est Waste	Region: 1 - South Coast
Project: 2018-02	CGNF Breakage Table	District: 01 - Chilliwack

07-Feb-2018 12:35:22PM
 Filename: DAC-2018-02-A94685.ccp
 Compiled by: IFS
 Cruised by: DUNHAM & ASSOC.
 Version: 2017.01 IFS build 6070

Block : (I) - 208:HW208, Plots in Block: 37, TUs: [M/C Free : 0.1]

	F	C	H	AC	D	Total	DP	DU	LU
Utilization Limits									
Min DBH cm (I)	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
Stump Ht cm (I)	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Top Dia cm (I)	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Log Len m	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
DBH									
Class									
5									
10									
15	5.5	1.7	2.5			9.7			
20	16.4	8.6	1.7		4.6	31.3	2.2		
25	25.4	19.5	25.7		11.0	81.5			
30	37.0	4.7	14.5			56.3			
35	49.1	3.0	37.5			89.6			
40	22.1	6.2	11.4	2.2		41.9			
45	27.7					27.7	2.5		
50	3.8					3.8			
55									
60	3.2					3.2			
65									
70									
75									
80									
85									
90									
95									
100									
105									
110									
115									
120									
125									
130									
135									
140									
145									
150									
175									
200									
225									
250									
275									
Total	190.2	43.8	93.2	2.2	15.6	345.0			
Dead P	4.6						4.6		
Total Volumes for 7 Levels									
17.5 +	184.7	42.1	90.8	2.2	15.6	335.3	4.6		
22.5 +	168.3	33.5	89.1	2.2	11.0	304.0	2.5		
27.5 +	142.9	14.0	63.4	2.2		222.5	2.5		
32.5 +	105.9	9.3	48.9	2.2		166.2	2.5		
37.5 +	56.8	6.2	11.4	2.2		76.6	2.5		
42.5 +	34.7					34.7	2.5		
47.5 +	7.0					7.0			

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Double Sampling Factor Applied, Damage,
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Average Line Method Grades: Cruiser Called Alpha FIZ: C
 BCTS Cruiser Est Decay PSYU: Dewdney (Harrison)
 Licence Number: A94685 CP: TBD Cruiser Est Waste Region: 1 - South Coast
 Project: 2018-02 CGNF Breakage Table District: 01 - Chilliwack

07-Feb-2018 12:35:22PM
 Filename: DAC-2018-02-A94685.ccp
 Compiled by: IFS
 Cruised by: DUNHAM & ASSOC.
 Version: 2017.01 IFS build 6070

Type 1 (I):FH(C) 2-4, Plots in Type: 37, TUs: [All Treatment Units : 40.8]

	F	C	H	AC	D	Total	DP	DU	LU
Utilization Limits									
Min DBH cm (I)	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
Stump Ht cm (I)	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Top Dia cm (I)	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Log Len m	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
DBH									
Class									
5									
10									
15	5.5	1.7	2.5			9.7			
20	16.4	8.6	1.7		4.6	31.3	2.2		
25	25.4	19.5	25.7		11.0	81.5			
30	37.0	4.7	14.5			56.3			
35	49.1	3.0	37.5			89.6			
40	22.1	6.2	11.4	2.2		41.9			
45	27.7					27.7	2.5		
50	3.8					3.8			
55									
60	3.2					3.2			
65									
70									
75									
80									
85									
90									
95									
100									
105									
110									
115									
120									
125									
130									
135									
140									
145									
150									
175									
200									
225									
250									
275									
Total	190.2	43.8	93.2	2.2	15.6	345.0			
Dead P	4.6						4.6		
Total Volumes for 7 Levels									
17.5 +	184.7	42.1	90.8	2.2	15.6	335.3	4.6		
22.5 +	168.3	33.5	89.1	2.2	11.0	304.0	2.5		
27.5 +	142.9	14.0	63.4	2.2		222.5	2.5		
32.5 +	105.9	9.3	48.9	2.2		166.2	2.5		
37.5 +	56.8	6.2	11.4	2.2		76.6	2.5		
42.5 +	34.7					34.7	2.5		
47.5 +	7.0					7.0			

Average Line Method Grades: Cruiser Called Alpha FIZ: C
 BCTS Cruiser Est Decay PSYU: Dewdney (Harrison)
 Licence Number: A94685 CP: TBD Cruiser Est Waste Region: 1 - South Coast
 Project: 2018-02 CGNF Breakage Table District: 01 - Chilliwack

07-Feb-2018 12:35:22PM
 Filename: DAC-2018-02-A94685.ccp
 Compiled by: IFS
 Cruised by: DUNHAM & ASSOC.
 Version: 2017.01 IFS build 6070

Type 1 (I):FH(C) 2-4, Plots in Type: 37, TUs: [Merch : 40.7]

	F	C	H	AC	D	Total	DP	DU	LU
Utilization Limits									
Min DBH cm (I)	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
Stump Ht cm (I)	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Top Dia cm (I)	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Log Len m	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
DBH									
Class									
5									
10									
15	5.5	1.7	2.5			9.7			
20	16.4	8.6	1.7		4.6	31.3	2.2		
25	25.4	19.5	25.7		11.0	81.5			
30	37.0	4.7	14.5			56.3			
35	49.1	3.0	37.5			89.6			
40	22.1	6.2	11.4	2.2		41.9			
45	27.7					27.7	2.5		
50	3.8					3.8			
55									
60	3.2					3.2			
65									
70									
75									
80									
85									
90									
95									
100									
105									
110									
115									
120									
125									
130									
135									
140									
145									
150									
175									
200									
225									
250									
275									
Total	190.2	43.8	93.2	2.2	15.6	345.0			
Dead P	4.6						4.6		
Total Volumes for 7 Levels									
17.5 +	184.7	42.1	90.8	2.2	15.6	335.3	4.6		
22.5 +	168.3	33.5	89.1	2.2	11.0	304.0	2.5		
27.5 +	142.9	14.0	63.4	2.2		222.5	2.5		
32.5 +	105.9	9.3	48.9	2.2		166.2	2.5		
37.5 +	56.8	6.2	11.4	2.2		76.6	2.5		
42.5 +	34.7					34.7	2.5		
47.5 +	7.0					7.0			

Average Line Method Grades: Cruiser Called Alpha FIZ: C
 BCTS Cruiser Est Decay PSYU: Dewdney (Harrison)
 Licence Number: A94685 CP: TBD Cruiser Est Waste Region: 1 - South Coast
 Project: 2018-02 CGNF Breakage Table District: 01 - Chilliwack

07-Feb-2018 12:35:22PM
 Filename: DAC-2018-02-A94685.ccp
 Compiled by: IFS
 Cruised by: DUNHAM & ASSOC.
 Version: 2017.01 IFS build 6070

Type 1 (I):FH(C) 2-4, Plots in Type: 37, TUs: [M/C Free : 0.1]

	F	C	H	AC	D	Total	DP	DU	LU
Utilization Limits									
Min DBH cm (I)	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
Stump Ht cm (I)	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Top Dia cm (I)	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Log Len m	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
DBH									
Class									
5									
10									
15	5.5	1.7	2.5			9.7			
20	16.4	8.6	1.7		4.6	31.3	2.2		
25	25.4	19.5	25.7		11.0	81.5			
30	37.0	4.7	14.5			56.3			
35	49.1	3.0	37.5			89.6			
40	22.1	6.2	11.4	2.2		41.9			
45	27.7					27.7	2.5		
50	3.8					3.8			
55									
60	3.2					3.2			
65									
70									
75									
80									
85									
90									
95									
100									
105									
110									
115									
120									
125									
130									
135									
140									
145									
150									
175									
200									
225									
250									
275									
Total	190.2	43.8	93.2	2.2	15.6	345.0			
Dead P	4.6						4.6		
Total Volumes for 7 Levels									
17.5 +	184.7	42.1	90.8	2.2	15.6	335.3	4.6		
22.5 +	168.3	33.5	89.1	2.2	11.0	304.0	2.5		
27.5 +	142.9	14.0	63.4	2.2		222.5	2.5		
32.5 +	105.9	9.3	48.9	2.2		166.2	2.5		
37.5 +	56.8	6.2	11.4	2.2		76.6	2.5		
42.5 +	34.7					34.7	2.5		
47.5 +	7.0					7.0			

Block : (I) - 208:HW208, Plots in Block: 37, TUs: [All Treatment Units : 40.8]

		F	C	H	AC	D	Total	DP	DU	LU
Utilization Limits										
Min DBH	cm (I)	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
Stump Ht	cm (I)	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Top Dia	cm (I)	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Log Len	m	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
DBH										
Class										
5										
10										
15										
		1.1	0.5	1.0			2.6			
20										
		2.8	1.6	0.6		1.0	5.9	0.6		
25										
		3.3	2.9	3.4		2.0	11.6			
30										
		4.8	0.9	1.6			7.3			
35										
		6.2	0.5	4.4			11.0			
40										
		2.8	0.9	1.2	0.2		5.1			
45										
		3.2					3.2	0.4		
50										
		0.4					0.4			
55										
60										
		0.4					0.4			
65										
70										
75										
80										
85										
90										
95										
100										
105										
110										
115										
120										
125										
130										
135										
140										
145										
150										
175										
200										
225										
250										
275										
Total		24.8	7.3	12.1	0.2	3.0	47.5			
Dead P		1.0						1.0		
Dead U										
Live U										
Average Basal Area (m2) at 5 Levels										
12.5 +		24.8	7.3	12.1	0.2	3.0	47.5	1.0		
17.5 +		23.7	6.8	11.1	0.2	3.0	45.0	1.0		
22.5 +		21.0	5.2	10.5	0.2	2.0	39.0	0.4		
27.5 +		17.7	2.3	7.2	0.2		27.4	0.4		
32.5 +		12.9	1.4	5.6	0.2		20.0	0.4		

Block : (I) - 208:HW208, Plots in Block: 37, TUs: [Merch : 40.7]

		F	C	H	AC	D	Total	DP	DU	LU
Utilization Limits										
Min DBH	cm (I)	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
Stump Ht	cm (I)	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Top Dia	cm (I)	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Log Len	m	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
DBH										
Class										
5										
10										
15										
		1.1	0.5	1.0			2.6			
20										
		2.8	1.6	0.6		1.0	5.9	0.6		
25										
		3.3	2.9	3.4		2.0	11.6			
30										
		4.8	0.9	1.6			7.3			
35										
		6.2	0.5	4.4			11.0			
40										
		2.8	0.9	1.2	0.2		5.1			
45										
		3.2					3.2	0.4		
50										
		0.4					0.4			
55										
60										
		0.4					0.4			
65										
70										
75										
80										
85										
90										
95										
100										
105										
110										
115										
120										
125										
130										
135										
140										
145										
150										
175										
200										
225										
250										
275										
Total		24.8	7.3	12.1	0.2	3.0	47.5			
Dead P		1.0						1.0		
Dead U										
Live U										
Average Basal Area (m2) at 5 Levels										
12.5 +		24.8	7.3	12.1	0.2	3.0	47.5	1.0		
17.5 +		23.7	6.8	11.1	0.2	3.0	45.0	1.0		
22.5 +		21.0	5.2	10.5	0.2	2.0	39.0	0.4		
27.5 +		17.7	2.3	7.2	0.2		27.4	0.4		
32.5 +		12.9	1.4	5.6	0.2		20.0	0.4		

Block Basal Area Table (m2/ha)

Average Line Method	Grades: Cruiser Called Alpha	FIZ: C
BCTS	Cruiser Est Decay	PSYU: Dewdney (Harrison)
Licence Number: A94685 CP: TBD	Cruiser Est Waste	Region: 1 - South Coast
Project: 2018-02	CGNF Breakage Table	District: 01 - Chilliwack

07-Feb-2018 12:35:22PM
 Filename: DAC-2018-02-A94685.ccp
 Compiled by: IFS
 Cruised by: DUNHAM & ASSOC.
 Version: 2017.01 IFS build 6070

Block : (I) - 208:HW208, Plots in Block: 37, TUs: [M/C Free : 0.1]

	F	C	H	AC	D	Total	DP	DU	LU
Utilization Limits									
Min DBH cm (I)	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
Stump Ht cm (I)	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Top Dia cm (I)	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Log Len m	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
DBH									
Class									
5									
10									
15	1.1	0.5	1.0			2.6			
20	2.8	1.6	0.6		1.0	5.9	0.6		
25	3.3	2.9	3.4		2.0	11.6			
30	4.8	0.9	1.6			7.3			
35	6.2	0.5	4.4			11.0			
40	2.8	0.9	1.2	0.2		5.1			
45	3.2					3.2	0.4		
50	0.4					0.4			
55									
60	0.4					0.4			
65									
70									
75									
80									
85									
90									
95									
100									
105									
110									
115									
120									
125									
130									
135									
140									
145									
150									
175									
200									
225									
250									
275									
Total	24.8	7.3	12.1	0.2	3.0	47.5			
Dead P	1.0						1.0		
Dead U									
Live U									
Average Basal Area (m2) at 5 Levels									
12.5 +	24.8	7.3	12.1	0.2	3.0	47.5	1.0		
17.5 +	23.7	6.8	11.1	0.2	3.0	45.0	1.0		
22.5 +	21.0	5.2	10.5	0.2	2.0	39.0	0.4		
27.5 +	17.7	2.3	7.2	0.2		27.4	0.4		
32.5 +	12.9	1.4	5.6	0.2		20.0	0.4		

Type Basal Area Table (m2/ha)

Average Line Method	Grades: Cruiser Called Alpha	FIZ: C
BCTS	Cruiser Est Decay	PSYU: Dewdney (Harrison)
Licence Number: A94685 CP: TBD	Cruiser Est Waste	Region: 1 - South Coast
Project: 2018-02	CGNF Breakage Table	District: 01 - Chilliwack

07-Feb-2018 12:35:22PM
 Filename: DAC-2018-02-A94685.ccp
 Compiled by: IFS
 Cruised by: DUNHAM & ASSOC.
 Version: 2017.01 IFS build 6070

Type 1 (I):FH(C) 2-4, Plots in Type: 37, TUs: [All Treatment Units : 40.8]

	F	C	H	AC	D	Total	DP	DU	LU
Utilization Limits									
Min DBH cm (I)	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
Stump Ht cm (I)	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Top Dia cm (I)	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Log Len m	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
DBH									
Class									
5									
10									
15	1.1	0.5	1.0			2.6			
20	2.8	1.6	0.6		1.0	5.9	0.6		
25	3.3	2.9	3.4		2.0	11.6			
30	4.8	0.9	1.6			7.3			
35	6.2	0.5	4.4			11.0			
40	2.8	0.9	1.2	0.2		5.1			
45	3.2					3.2	0.4		
50	0.4					0.4			
55									
60	0.4					0.4			
65									
70									
75									
80									
85									
90									
95									
100									
105									
110									
115									
120									
125									
130									
135									
140									
145									
150									
175									
200									
225									
250									
275									
Total	24.8	7.3	12.1	0.2	3.0	47.5			
Dead P	1.0						1.0		
Dead U									
Live U									
Average Basal Area (m2) at 5 Levels									
12.5 +	24.8	7.3	12.1	0.2	3.0	47.5	1.0		
17.5 +	23.7	6.8	11.1	0.2	3.0	45.0	1.0		
22.5 +	21.0	5.2	10.5	0.2	2.0	39.0	0.4		
27.5 +	17.7	2.3	7.2	0.2		27.4	0.4		
32.5 +	12.9	1.4	5.6	0.2		20.0	0.4		

Type Basal Area Table (m2/ha)

Average Line Method	Grades: Cruiser Called Alpha	FIZ: C
BCTS	Cruiser Est Decay	PSYU: Dewdney (Harrison)
Licence Number: A94685 CP: TBD	Cruiser Est Waste	Region: 1 - South Coast
Project: 2018-02	CGNF Breakage Table	District: 01 - Chilliwack

07-Feb-2018 12:35:22PM
 Filename: DAC-2018-02-A94685.ccp
 Compiled by: IFS
 Cruised by: DUNHAM & ASSOC.
 Version: 2017.01 IFS build 6070

Type 1 (I):FH(C) 2-4, Plots in Type: 37, TUs: [Merch : 40.7]

	F	C	H	AC	D	Total	DP	DU	LU
Utilization Limits									
Min DBH cm (I)	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
Stump Ht cm (I)	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Top Dia cm (I)	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Log Len m	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
DBH									
Class									
5									
10									
15	1.1	0.5	1.0			2.6			
20	2.8	1.6	0.6		1.0	5.9	0.6		
25	3.3	2.9	3.4		2.0	11.6			
30	4.8	0.9	1.6			7.3			
35	6.2	0.5	4.4			11.0			
40	2.8	0.9	1.2	0.2		5.1			
45	3.2					3.2	0.4		
50	0.4					0.4			
55									
60	0.4					0.4			
65									
70									
75									
80									
85									
90									
95									
100									
105									
110									
115									
120									
125									
130									
135									
140									
145									
150									
175									
200									
225									
250									
275									
Total	24.8	7.3	12.1	0.2	3.0	47.5			
Dead P	1.0						1.0		
Dead U									
Live U									
Average Basal Area (m2) at 5 Levels									
12.5 +	24.8	7.3	12.1	0.2	3.0	47.5	1.0		
17.5 +	23.7	6.8	11.1	0.2	3.0	45.0	1.0		
22.5 +	21.0	5.2	10.5	0.2	2.0	39.0	0.4		
27.5 +	17.7	2.3	7.2	0.2		27.4	0.4		
32.5 +	12.9	1.4	5.6	0.2		20.0	0.4		

Type Basal Area Table (m2/ha)

Average Line Method	Grades: Cruiser Called Alpha	FIZ: C
BCTS	Cruiser Est Decay	PSYU: Dewdney (Harrison)
Licence Number: A94685 CP: TBD	Cruiser Est Waste	Region: 1 - South Coast
Project: 2018-02	CGNF Breakage Table	District: 01 - Chilliwack

07-Feb-2018 12:35:22PM
 Filename: DAC-2018-02-A94685.ccp
 Compiled by: IFS
 Cruised by: DUNHAM & ASSOC.
 Version: 2017.01 IFS build 6070

Type 1 (I):FH(C) 2-4, Plots in Type: 37, TUs: [M/C Free : 0.1]

	F	C	H	AC	D	Total	DP	DU	LU
Utilization Limits									
Min DBH cm (I)	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
Stump Ht cm (I)	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Top Dia cm (I)	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Log Len m	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
DBH									
Class									
5									
10									
15	1.1	0.5	1.0			2.6			
20	2.8	1.6	0.6		1.0	5.9	0.6		
25	3.3	2.9	3.4		2.0	11.6			
30	4.8	0.9	1.6			7.3			
35	6.2	0.5	4.4			11.0			
40	2.8	0.9	1.2	0.2		5.1			
45	3.2					3.2	0.4		
50	0.4					0.4			
55									
60	0.4					0.4			
65									
70									
75									
80									
85									
90									
95									
100									
105									
110									
115									
120									
125									
130									
135									
140									
145									
150									
175									
200									
225									
250									
275									
Total	24.8	7.3	12.1	0.2	3.0	47.5			
Dead P	1.0						1.0		
Dead U									
Live U									
Average Basal Area (m2) at 5 Levels									
12.5 +	24.8	7.3	12.1	0.2	3.0	47.5	1.0		
17.5 +	23.7	6.8	11.1	0.2	3.0	45.0	1.0		
22.5 +	21.0	5.2	10.5	0.2	2.0	39.0	0.4		
27.5 +	17.7	2.3	7.2	0.2		27.4	0.4		
32.5 +	12.9	1.4	5.6	0.2		20.0	0.4		

Average Line Method
BCTS
Licence Number: A94685 CP: TBD
Project: 2018-02

Grades: Cruiser Called Alpha
Cruiser Est Decay
Cruiser Est Waste
CGNF Breakage Table

Plot Summary

FIZ: C
PSYU: Dewdney (Harrison)
Region: 1 - South Coast
District: 01 - Chilliwack

07-Feb-2018 12:35:22PM
Filename: DAC-2018-02-A94685.ccp
Compiled by: IFS
Cruised by: DUNHAM & ASSOC.
Version: 2017.01 IFS build 6070

Utilization Levels:	Minimum DBH	Top Diameter	Stump Height
Mature Blocks: (cm)	17.5	15.0	30
Immature Blocks: (cm)	12.0	10.0	30
Standard Log Length: (m)	13.00		

Forest Type	Block	Strip	Plot #	Size	Slope %	Species	# of Stems	Stems / Ha	Avg Diam	Gross Merch	Less Decay	Less DB	Less DWB	Cruise Date	Loss YI	Ref OI	No. M
1-FH(C) 2-4	208	2	2	12.250F	32	NIL All Sp.	0 0							1712			
		2	3	12.250F C	55	Doug-Fir All Sp.	5 5							1712			
		2	5	12.250F C	38	Doug-Fir Hemlock All Sp.	6 1 7							1712			
		2	6	12.250F	28	W.R. Cedar Doug-Fir Hemlock All Sp.	2 1 3 6	680.32 79.12 503.24 1262.68	21.41 44.40 30.49 27.22	136.19 112.38 278.85 527.43	133.66 112.38 278.31 524.35	130.93 110.15 272.83 513.91	127.82 110.15 272.83 510.80	1712			
		3	2	12.250F C	25	W.R. Cedar Hemlock All Sp.	3 1 4							1712			
		3	3	12.250F	35	Hemlock All Sp.	3 3	385.69 385.69	34.83 34.83	376.63 376.63	375.89 375.89	368.50 368.50	368.50 368.50	1712			
		4	2	12.250F	44	W.R. Cedar Doug-Fir All Sp.	3 1 4	705.35 121.02 826.37	25.76 35.90 27.48	241.43 89.69 331.12	236.94 89.69 326.63	232.10 87.91 320.01	232.10 87.91 320.01	1712			
		4	3	12.250F C	20	Hemlock All Sp.	6 6							1712			
		4	6	12.250F	61	Doug-Fir All Sp.	4 4	720.52 720.52	29.43 29.43	447.41 447.41	447.41 447.41	438.52 438.52	438.52 438.52	1712			
		5	3	9.000F	55	Alder All Sp.	2 2	434.49 434.49	22.97 22.97	84.23 84.23	84.23 84.23	80.75 80.75	80.75 80.75	1712			
		5	5	12.250F	76	Doug-Fir All Sp.	2 2	324.57 324.57	31.00 31.00	144.51 144.51	144.51 144.51	141.63 141.63	141.63 141.63	1712			
		6	3	12.250F C	48	Doug-Fir All Sp.	4 4							1712			
		6	4	12.250F	19	W.R. Cedar Doug-Fir Hemlock All Sp.	1 3 1 5	868.63 332.47 259.84 1460.95	13.40 37.52 24.50 23.10	46.86 341.98 92.18 481.01	45.99 341.98 91.99 479.96	45.05 335.18 90.18 470.41	45.05 335.18 90.18 470.41	1712			

Average Line Method
BCTS
Licence Number: A94685 CP: TBD
Project: 2018-02

Grades: Cruiser Called Alpha
Cruiser Est Decay
Cruiser Est Waste
CGNF Breakage Table

Plot Summary

FIZ: C
PSYU: Dewdney (Harrison)
Region: 1 - South Coast
District: 01 - Chilliwack

07-Feb-2018 12:35:22PM
Filename: DAC-2018-02-A94685.ccp
Compiled by: IFS
Cruised by: DUNHAM & ASSOC.
Version: 2017.01 IFS build 6070

Utilization Levels: Minimum DBH Top Diameter Stump Height

Mature Blocks: (cm) 17.5 15.0 30
Immature Blocks: (cm) 12.0 10.0 30

Standard Log Length: (m) 13.00

Forest Type	Block	Strip	Plot #	Size	Slope %	Species	# of Stems	Stems / Ha	Avg Diam	Gross Merch	Less Decay	Less DB	Less DWB	Cruise Date	Loss YI	Ref OI	No. M
1-FH(C) 2-4	208	6	5	12.250F	C 150	W.R. Cedar	1										
						Doug-Fir	2										
						Hemlock	1										
						All Sp.	4							1712			
	07	13	12.250F		64	Doug-Fir	2	169.07	42.95	224.51	224.51	220.05	220.05				
						Hemlock	6	1429.36	25.59	563.76	560.98	549.92	549.92				
						All Sp.	8	1598.43	27.94	788.28	785.50	769.97	769.97	1712			
	07	14	12.250F	C	70	Doug-Fir	8										
						All Sp.	8							1712			
	7	5	12.250F		53	Doug-Fir	3	1381.00	18.41	229.33	229.33	224.77	224.77				
						Hemlock	1	126.60	35.10	128.02	127.77	125.26	125.26				
						All Sp.	4	1507.60	20.34	357.35	357.10	350.03	350.03	1712			
	7	6	12.250F	C	36	Alder	5										
						Doug-Fir	1										
						All Sp.	6							1712			
	08	13	12.250F	C	54	Doug-Fir	1										
						All Sp.	1							1712			
	08	14	12.250F		75	Doug-Fir	4	763.70	28.58	372.68	368.10	360.69	356.11				
						All Sp.	4	763.70	28.58	372.68	368.10	360.69	356.11	1712			
	8	2	9.000F		47	Doug-Fir	2	153.39	38.65	157.55	157.55	154.41	154.41				
						Hemlock	2	699.45	18.10	97.88	97.69	95.77	95.77				
						All Sp.	4	852.84	23.18	255.43	255.24	250.18	250.18	1712			
	8	7	12.250F	C	48	Alder	1										
						Doug-Fir	3										
						All Sp.	4							1712			
	8	12	12.250F		58	Doug-Fir	1	455.72	18.50	69.03	69.03	67.65	67.65				
						Hemlock	1	881.74	13.30	28.41	28.36	27.80	27.80				
						All Sp.	2	1337.47	15.27	97.44	97.38	95.45	95.45	1712			
	09	13	12.250F		44	W.R. Cedar	2	276.22	33.61	167.56	159.73	156.37	146.56				
						Hemlock	1	95.09	40.50	109.43	109.22	107.07	107.07				
						All Sp.	3	371.31	35.50	276.99	268.95	263.44	253.63	1712			
	09	14	12.250F	C	36	Alder	1										
						All Sp.	1							1712			

Average Line Method
BCTS
Licence Number: A94685 CP: TBD
Project: 2018-02

Grades: Cruiser Called Alpha
Cruiser Est Decay
Cruiser Est Waste
CGNF Breakage Table

Plot Summary

FIZ: C
PSYU: Dewdney (Harrison)
Region: 1 - South Coast
District: 01 - Chilliwack

07-Feb-2018 12:35:22PM
Filename: DAC-2018-02-A94685.ccp
Compiled by: IFS
Cruised by: DUNHAM & ASSOC.
Version: 2017.01 IFS build 6070

Utilization Levels: Minimum DBH Top Diameter Stump Height

Mature Blocks: (cm) 17.5 15.0 30
Immature Blocks: (cm) 12.0 10.0 30

Standard Log Length: (m) 13.00

Forest Type	Block	Strip	Plot #	Size	Slope %	Species	# of Stems	Stems / Ha	Avg Diam	Gross Merch	Less Decay	Less DB	Less DWB	Cruise Date	Loss Ref	No. YI	OI	M
1-FH(C) 2-4	208	9	3	9.000F	44	Alder	1	211.08	23.30	59.79	59.79	57.32	57.32	1712				
						Doug-Fir	5	368.00	39.46	413.88	413.88	405.65	405.65					
						All Sp.	6	579.08	34.46	473.66	473.66	462.97	462.97					
			7	12.250F	35	W.R. Cedar	1	217.16	26.80	94.16	92.41	90.52	90.52	1712				
						Doug-Fir	3	978.60	21.87	255.98	241.73	236.41	236.41					
						All Sp.	4	1195.75	22.84	350.14	334.14	326.94	326.94					
			8	12.250F C	14	W.R. Cedar	1							1712				
						Hemlock	2											
						All Sp.	3											
			9	12.250F	58	Doug-Fir	1	140.66	33.30	94.72	94.72	92.84	92.84	1712				
						All Sp.	1	140.66	33.30	94.72	94.72	92.84	92.84					
			12	12.250F C	90	Hemlock	3							1712				
						All Sp.	3											
			15	12.250F	46	W.R. Cedar	1	134.92	34.00	84.27	82.70	81.01	81.01	1712				
						Doug-Fir	4	555.14	33.52	364.61	361.63	354.38	351.40					
						All Sp.	5	690.07	33.62	448.88	444.33	435.39	432.41					
			10	12.250F	56	Doug-Fir	1	149.50	32.30	117.64	117.64	115.30	115.30	1712				
						All Sp.	1	149.50	32.30	117.64	117.64	115.30	115.30					
			11	12.250F	71	Doug-Fir	5	918.37	29.14	475.53	475.53	466.07	455.76	1712				
						Hemlock	1	253.60	24.80	98.22	98.03	96.10	89.85					
						All Sp.	6	1171.96	28.26	573.75	573.55	562.17	545.60					
			11	12.250F	42	Doug-Fir	3	965.07	22.02	219.17	219.17	214.82	211.90	1712				
						All Sp.	3	965.07	22.02	219.17	219.17	214.82	211.90					
			12	12.250F	38	W.R. Cedar	3	908.84	22.69	210.68	206.76	202.53	202.53	1712				
						Doug-Fir	3	716.52	25.55	291.30	291.30	285.50	279.53					
						All Sp.	6	1625.36	24.00	501.97	498.05	488.04	482.06					
			12	12.250F C	8	W.R. Cedar	1							1712				
						Doug-Fir	1											
						Hemlock	2											
						All Sp.	4											
			15	9.000F	45	Cottonwood	1	66.22	41.60	83.88	83.88	80.53	80.53					
						W.R. Cedar	4	1046.38	20.93	261.02	256.16	250.93	250.93					
						Doug-Fir	1	57.61	44.60	73.44	56.33	54.62	54.62					

Average Line Method		Grades: Cruiser Called Alpha		Plot Summary		07-Feb-2018 12:35:22PM	
BCTS		Cruiser Est Decay		FIZ: C		Filename: DAC-2018-02-A94685.ccp	
Licence Number: A94685		CP: TBD		PSYU: Dewdney (Harrison)		Compiled by: IFS	
Project: 2018-02		Cruiser Est Waste		Region: 1 - South Coast		Cruised by: DUNHAM & ASSOC.	
		CGNF Breakage Table		District: 01 - Chilliwack		Version: 2017.01 IFS build 6070	
Utilization Levels:		Minimum DBH	Top Diameter	Stump Height			
Mature Blocks: (cm)		17.5	15.0	30			
Immature Blocks: (cm)		12.0	10.0	30			
Standard Log Length: (m)		13.00					

Forest Type	Block	Strip	Plot #	Size	Slope %	Species	# of Stems	Stems / Ha	Avg Diam	Gross Merch	Less Decay	Less DB	Less DWB	Cruise Date	Loss YI	Ref OI	No. M
1-FH(C) 2-4	208	15	5	9.000F	45	Hemlock	3	411.27	28.91	223.15	222.09	217.71	217.71	1712			
						All Sp.	9	1581.48	25.54	641.50	618.48	603.80	603.80				

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Double Sampling Factor Applied, Damage,
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Utilization Levels:	Minimum DBH	Top Diameter	Stump Height
Mature Blocks: (cm)	17.5	15.0	30
Immature Blocks: (cm)	12.0	10.0	30
Standard Log Length: (m)	13.00		

Net Area: Block : (I) - 208:HW208, Plots in Block: 37, TUs: [All Treatment Units : 40.8]
Gross Area: [Reserve : 0.7] [Grand Total : 41.5]

		Doug-Fir		W.R. Cedar		Hemlock		Cottonwood		Alder	
		m3	%	m3	%	m3	%	m3	%	m3	%
Cruiser Call Variable Length Grades %											
H	#2 Sawlog										
	Total	147	1.9								
I	#3 Sawlog										
	Total	74	0.9								
J	#4 Sawlog										
	Total	5694	71.6	637	35.7	2322	61.0				
U	#5 Utility										
	Total	1824	22.9	968	54.2	1237	32.5	73	82.3	222	35.0
X	#6 Utility										
	Total	186	2.3	18	1.0	99	2.6				
Y	#7 Chipper										
	Total	26	0.3	163	9.1	146	3.8	16	17.7	413	65.0
TOTAL		7950	100.0	1786	100.0	3804	100.0	89	100.0	636	100.0
Z	#8 Cull										
	Total	49		20		12					

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Double Sampling Factor Applied, Damage,
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Utilization Levels:	Minimum DBH	Top Diameter	Stump Height
Mature Blocks: (cm)	17.5	15.0	30
Immature Blocks: (cm)	12.0	10.0	30
Standard Log Length: (m)	13.00		

Net Area: Block : (I) - 208:HW208, Plots in Block: 37, TUs: [All Treatment Units : 40.8]
Gross Area: [Reserve : 0.7] [Grand Total : 41.5]

		Total		Conifer		Deciduous	
		m3	%	m3	%	m3	%
Cruiser Call Variable Length Grades %							
H #2 Sawlog	Total	147	1.0	147	1.1		
I #3 Sawlog	Total	74	0.5	74	0.5		
J #4 Sawlog	Total	8653	60.7	8653	63.9		
U #5 Utility	Total	4324	30.3	4029	29.8	295	40.8
X #6 Utility	Total	303	2.1	303	2.2		
Y #7 Chipper	Total	764	5.4	335	2.5	429	59.2
TOTAL		14265	100.0	13540	100.0	725	100.0
Z #8 Cull	Total	81		81			

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Double Sampling Factor Applied, Damage,
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Utilization Levels:	Minimum DBH	Top Diameter	Stump Height
Mature Blocks: (cm)	17.5	15.0	30
Immature Blocks: (cm)	12.0	10.0	30
Standard Log Length: (m)	13.00		

Net Area: Block : (I) - 208:HW208, Plots in Block: 37, TUs: [Merch : 40.7]

		Doug-Fir		W.R. Cedar		Hemlock		Cottonwood		Alder	
		m3	%	m3	%	m3	%	m3	%	m3	%
Cruiser Call Variable Length Grades %											
H	#2 Sawlog										
	Total	147	1.9								
I	#3 Sawlog										
	Total	73	0.9								
J	#4 Sawlog										
	Total	5680	71.6	636	35.7	2316	61.0				
U	#5 Utility										
	Total	1819	22.9	966	54.2	1234	32.5	73	82.3	222	35.0
X	#6 Utility										
	Total	185	2.3	18	1.0	99	2.6				
Y	#7 Chipper										
	Total	26	0.3	162	9.1	146	3.8	16	17.7	412	65.0
TOTAL		7931	100.0	1781	100.0	3795	100.0	89	100.0	634	100.0
Z	#8 Cull										
	Total	49		20		12					

Utilization Levels:	Minimum DBH	Top Diameter	Stump Height
Mature Blocks: (cm)	17.5	15.0	30
Immature Blocks: (cm)	12.0	10.0	30
Standard Log Length: (m)	13.00		

Net Area: Block : (I) - 208:HW208, Plots in Block: 37, TUs: [Merch : 40.7]

		Total		Conifer		Deciduous	
		m3	%	m3	%	m3	%
Cruiser Call Variable Length Grades %							
H #2 Sawlog	Total	147	1.0	147	1.1		
I #3 Sawlog	Total	73	0.5	73	0.5		
J #4 Sawlog	Total	8632	60.7	8632	63.9		
U #5 Utility	Total	4313	30.3	4019	29.8	295	40.8
X #6 Utility	Total	302	2.1	302	2.2		
Y #7 Chipper	Total	762	5.4	334	2.5	428	59.2
TOTAL		14230	100.0	13507	100.0	723	100.0
Z #8 Cull	Total	81		81			

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Double Sampling Factor Applied, Damage,
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Utilization Levels:	Minimum DBH	Top Diameter	Stump Height
Mature Blocks: (cm)	17.5	15.0	30
Immature Blocks: (cm)	12.0	10.0	30
Standard Log Length: (m)	13.00		

Net Area: Block : (I) - 208:HW208, Plots in Block: 37, TUs: [M/C Free : 0.1]

		Doug-Fir		W.R. Cedar		Hemlock		Cottonwood		Alder	
		m3	%	m3	%	m3	%	m3	%	m3	%
Cruiser Call Variable Length Grades %											
H	#2 Sawlog										
	Total	0	1.9								
I	#3 Sawlog										
	Total	0	0.9								
J	#4 Sawlog										
	Total	14	71.6	2	35.7	6	61.0				
U	#5 Utility										
	Total	4	22.9	2	54.2	3	32.5	0	82.3	1	35.0
X	#6 Utility										
	Total	0	2.3	0	1.0	0	2.6				
Y	#7 Chipper										
	Total	0	0.3	0	9.1	0	3.8	0	17.7	1	65.0
TOTAL		19	100.0	4	100.0	9	100.0	0	100.0	2	100.0
Z	#8 Cull										
	Total	0		0		0					

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Double Sampling Factor Applied, Damage,
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Utilization Levels:	Minimum DBH	Top Diameter	Stump Height
Mature Blocks: (cm)	17.5	15.0	30
Immature Blocks: (cm)	12.0	10.0	30
Standard Log Length: (m)	13.00		

Net Area: Block : (I) - 208:HW208, Plots in Block: 37, TUs: [M/C Free : 0.1]

		Total		Conifer		Deciduous	
		m3	%	m3	%	m3	%
Cruiser Call Variable Length Grades %							
H #2 Sawlog	Total	0	1.0	0	1.1		
I #3 Sawlog	Total	0	0.5	0	0.5		
J #4 Sawlog	Total	21	60.7	21	63.9		
U #5 Utility	Total	11	30.3	10	29.8	1	40.8
X #6 Utility	Total	1	2.1	1	2.2		
Y #7 Chipper	Total	2	5.4	1	2.5	1	59.2
TOTAL		35	100.0	33	100.0	2	100.0
Z #8 Cull	Total	0		0			

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Double Sampling Factor Applied, Damage,
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