

ALBERNI VALLEY COMM. FOREST

K2D - CP# 000

TA568D
Block #: TS1

SUMMARY OF VOLUMES (CGNF)
FULL VOLUMES APPLIED

02-Nov-2012 08:14:10AM

Cruised by: CONTOUR FOREST CONSULTANTS
Compiled by: Contour Forest Consultants INC.



Map Area Statement Report

Average Line Method
 ALBERNI VALLEY COMM. FOREST
 Licence Number: K2D CP: 000
 Project: TS1

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

FIZ: B
 PSYU: Nootka
 Region: 1 - Coastal
 District: 4 - South Island

02-Nov-2012 08:14:10AM
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 Version: 2012.00a IFS build 5798

Card A Cruise Identity

Licence #	: K2D	Cutting Permit #	: 000
Number of Blocks	: 1	Forest Region	: Coastal
Forest District	: South Island	Type	: PSYU
Unit No	: Nootka	Tenure	: Community Forest Agreement
Quota	: Prop./Mngd.PSYU,TFL,or SSA	Sale Type	: None
Elevation	: 0	Co-ordinates Zone	: Unknown
East	: 0	North	: 0
Total Merch Area	: 19.60	Report Type	: *** FOR MPS PURPOSES ***
Locality	: TA568D		

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	Silvicultural Treatment Units
1	HBVcF	19.6	

Card D Block Description

Block	Description	Maturity	Type	A	Silvicultural Treatment Units
001	TS1	M	1	19.6	

Card F Harvesting Description

Harvest Method	Harvest Description	Type	A	Silvicultural Treatment Units
CC	Cable - Clearcut	1	19.6	

Card G Treatment Unit Description

Treatment Unit	Description
A	A

Appraisal Summary Report

Average Line Method
 ALBERNI VALLEY COMM. FOREST
 Licence Number: K2D CP: 000
 Project: TS1
 Location : TA568D

Grades: Cruiser Called Alpha
 Cruiser Est Decay
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 CGNF Breakage Table
 No Of Blocks : 1

FIZ: B
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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: [All Treatment Units : 19.6]

All Method Summary

Cruiser Call Variable Length Grades %

Species	C	F	H	I	J	U	X	Y	Net Volume (m3)			Net Volume / ha		
									All	Live	DP	All	Live	DP
BA Balsam			39	11	32	11		7	2234	2234	0	113.987	113.987	0.000
CY Yellow Cedar			19		29	17	6	29	2215	2101	114	113.011	107.191	5.820
FI Doug-Fir	6	2	58	17		1		16	2181	2075	106	111.288	105.888	5.400
HE Hemlock			38	18	18	7	2	17	5957	5743	213	303.907	293.017	10.890
WH Western White Pine					57			43	85	85	0	4.354	4.354	0.000
Total									12672	12239	433	646.548	624.437	22.111

Harvesting Method Summaries

Harvest Method	Net Volume	Net Vol /10m Log	Net Vol /Hectare	Hem+ Bal%	Partial Cut%	Slope%	Down Tree%	Heavy Fire%
CC	12672	1.09	646.548	65		49	2	0
Conventional Methods	12672	1.09	646.548	65		49	2	0
All Methods	12672	1.09	646.548	65			2	0

Cutting Authority

95% Confidence Interval 19.0
 Plots/Ha 1.9
 Cruised Trees/Plot 4.6
 Net 2nd Growth-Conifer % 0.0
 Net 2nd Growth-Conifer (m3) 0
 Net Immature by Block % 001: 0%
 Non Heli Select Conifer (m3/ha) 646.55
 Heli Select Total (decimal) 0.00
 Heli+Skyline Total (decimal) 0.00
 Piece Size - Conifer (m3/10m log) 1.09
 # Plots: 38 # <= 5yrs: 23 # > 5yrs: 15 # > 10yrs: 0 # no date: 0

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Double Sampling Factor Applied, Damage,
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[All Treatment Units : 19.6]

	Total	Conifer	F	H	B	YC	PW
Utilization Limits							
Min DBH cm (M)			17.5	17.5	17.5	17.5	17.5
Stump Ht cm (M)			30.0	30.0	30.0	30.0	30.0
Top Dia cm (M)			15.0	15.0	15.0	15.0	15.0
Log Len m			13.0	13.0	13.0	13.0	13.0

Volume and Size Data								
Gross Merchantable	m3	14647	14647	2383	7050	2550	2571	93
Net Merchantable	m3	12672	12672	2181	5957	2234	2215	85
Net Merch - All	m3/ha	646.548	646.548	111.288	303.907	113.987	113.011	4.354
Net Merch - Live	m3/ha	624.437	624.437	105.888	293.017	113.987	107.191	4.354
Net Merch - DP	m3/ha	22.111	22.111	5.400	10.890		5.820	

Decay	%	7	7	3	9	7	6	3
Waste(billing)	%	1	1	0	1		1	
Total Cull (DWB)	%	13	13	8	16	12	14	8

Net Merch Vol/Tree	m3	1.77	1.77	3.50	1.96	1.23	1.33	2.77
Avg 13.0 m Log Net	m3	1.09	1.09	1.65	1.22	0.76	0.90	1.46
Useless Dead/Living	%							

Net Second Growth %

All Burn Volume	%							
Heavy Fire Volume	%							
Blowdown Volume	%	2	2		2		5	
Insect Volume	%							

Cruiser Call Variable Length Grades %

#3 Peeler	C	1	1	6				
#2 Lum/#1 Lum	F			2				
#2 Sawlog	H	38	38	58	38	39	19	
#3 Sawlog	I	14	14	17	18	11		
#4 Sawlog	J	20	20		18	32	29	57
#5 Utility	U	8	8	1	7	11	17	
#6 Utility	X	2	2		2		6	
#7 Chipper	Y	17	17	16	17	7	29	43

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

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Harvest Method : CC - Cable - Clearcut [All Treatment Units : 19.6]

	Total	Conifer	F	H	B	YC	PW
Utilization Limits							
Min DBH cm (M)			17.5	17.5	17.5	17.5	17.5
Stump Ht cm (M)			30.0	30.0	30.0	30.0	30.0
Top Dia cm (M)			15.0	15.0	15.0	15.0	15.0
Log Len m			13.0	13.0	13.0	13.0	13.0

Volume and Size Data								
Gross Merchantable	m3	14647	14647	2383	7050	2550	2571	93
Net Merchantable	m3	12672	12672	2181	5957	2234	2215	85
Net Merch - All	m3/ha	646.548	646.548	111.288	303.907	113.987	113.011	4.354
Net Merch - Live	m3/ha	624.437	624.437	105.888	293.017	113.987	107.191	4.354
Net Merch - DP	m3/ha	22.111	22.111	5.400	10.890		5.820	

Decay	%	7	7	3	9	7	6	3
Waste(billing)	%	1	1	0	1		1	
Total Cull (DWB)	%	13	13	8	16	12	14	8

Net Merch Vol/Tree	m3	1.77	1.77	3.50	1.96	1.23	1.33	2.77
Avg 13.0 m Log Net	m3	1.09	1.09	1.65	1.22	0.76	0.90	1.46
Useless Dead/Living	%							

Net Second Growth %

All Burn Volume	%							
Heavy Fire Volume	%							
Blowdown Volume	%	2	2		2		5	
Insect Volume	%							
% Average Slope		49						

Cruiser Call Variable Length Grades %

#3 Peeler	C	1	1	6				
#2 Lum/#1 Lum	F			2				
#2 Sawlog	H	38	38	58	38	39	19	
#3 Sawlog	I	14	14	17	18	11		
#4 Sawlog	J	20	20		18	32	29	57
#5 Utility	U	8	8	1	7	11	17	
#6 Utility	X	2	2		2		6	
#7 Chipper	Y	17	17	16	17	7	29	43

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Double Sampling Factor Applied, Damage,
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Net Area: [A : 19.6]
 Gross Area: [Grand Total : 19.6]

	Total	Conifer	F	H	B	YC	PW
Utilization Limits							
Min DBH cm (M)			17.5	17.5	17.5	17.5	17.5
Stump Ht cm (M)			30.0	30.0	30.0	30.0	30.0
Top Dia cm (M)			15.0	15.0	15.0	15.0	15.0
Log Len m			13.0	13.0	13.0	13.0	13.0

Volume and Size Data

Gross Merchantable	m3	14647	14647	2383	7050	2550	2571	93
Net Merchantable	m3	12672	12672	2181	5957	2234	2215	85
Net Merch - All	m3/ha	647	647	111	304	114	113	4
Distribution	%	100	100	17	47	18	17	1
Decay	%	7	7	3	9	7	6	3
Waste	%	1	1	0	1		1	
Waste(billing)	%	1	1	0	1		1	
Breakage	%	6	6	5	6	6	7	5
Total Cull (DWB)	%	13	13	8	16	12	14	8
Stems/Ha (Live & DP)		365.8	365.8	31.8	155.1	92.6	84.8	1.6
Avg DBH (Live & DP)	cm	50.5	50.5	73.4	53.9	38.8	44.3	58.4
Snags/Ha								
Avg Snag DBH	cm							
Gross Merch Vol/Tree	m3	2.04	2.04	3.82	2.32	1.41	1.55	3.02
Net Merch Vol/Tree	m3	1.77	1.77	3.50	1.96	1.23	1.33	2.77
Avg Weight Total Ht	m	31.5	31.5	35.4	31.2	33.2	27.2	29.7
Avg Weight Merch Ht	m	25.8	25.8	30.7	25.1	27.7	21.1	24.5
Avg 13.0 m Log Net	m3	1.09	1.09	1.65	1.22	0.76	0.90	1.46
Avg 13.0 m Log Gross	m3	1.18	1.18	1.70	1.35	0.82	0.97	1.51
Avg # of 13.0 m Logs/Tree		1.74	1.74	2.24	1.72	1.72	1.59	2.00
Net Immature	%							
Net 2nd Growth	%							
Average Slope	%	49						

Cruiser Call Variable Length Grades %

#3 Peeler	C	1	1	6				
#2 Lum/#1 Lum	F			2				
#2 Sawlog	H	38	38	58	38	39	19	
#3 Sawlog	I	14	14	17	18	11		
#4 Sawlog	J	20	20		18	32	29	57
#5 Utility	U	8	8	1	7	11	17	
#6 Utility	X	2	2		2		6	
#7 Chipper	Y	17	17	16	17	7	29	43

Statistical Summary

Coeff. of Variation	%	44.7	44.7	112.2	79.1	129.7	84.8	616.4
Two Standard Error	%	19.0	19.0	47.8	33.7	55.3	36.1	262.9
Number and Type of Plots	MP = 22	CP = 16						
Number of Potential Trees		100						
Plots/Ha		1.9						
Cruised Trees/Plot		4.6						

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

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Net Area: Block : (M) - 001:TS1, Plots in Block: 38, TUs: [A : 19.6]

	Total	Conifer	F	H	B	YC	PW
Utilization Limits							
Min DBH cm (M)			17.5	17.5	17.5	17.5	17.5
Stump Ht cm (M)			30.0	30.0	30.0	30.0	30.0
Top Dia cm (M)			15.0	15.0	15.0	15.0	15.0
Log Len m			13.0	13.0	13.0	13.0	13.0

Volume and Size Data

Gross Merchantable	m3	14647	14647	2383	7050	2550	2571	93
Net Merchantable	m3	12672	12672	2181	5957	2234	2215	85
Net Merch - All	m3/ha	647	647	111	304	114	113	4
Distribution	%	100	100	17	47	18	17	1
Decay	%	7	7	3	9	7	6	3
Waste	%	1	1	0	1		1	
Waste(billing)	%	1	1	0	1		1	
Breakage	%	6	6	5	6	6	7	5
Total Cull (DWB)	%	13	13	8	16	12	14	8
Stems/Ha (Live & DP)		365.8	365.8	31.8	155.1	92.6	84.8	1.6
Avg DBH (Live & DP)	cm	50.5	50.5	73.4	53.9	38.8	44.3	58.4
Snags/Ha								
Avg Snag DBH	cm							
Gross Merch Vol/Tree	m3	2.04	2.04	3.82	2.32	1.41	1.55	3.02
Net Merch Vol/Tree	m3	1.77	1.77	3.50	1.96	1.23	1.33	2.77
Avg Weight Total Ht	m	31.5	31.5	35.4	31.2	33.2	27.2	29.7
Avg Weight Merch Ht	m	25.8	25.8	30.7	25.1	27.7	21.1	24.5
Avg 13.0 m Log Net	m3	1.09	1.09	1.65	1.22	0.76	0.90	1.46
Avg 13.0 m Log Gross	m3	1.18	1.18	1.70	1.35	0.82	0.97	1.51
Avg # of 13.0 m Logs/Tree		1.74	1.74	2.24	1.72	1.72	1.59	2.00
Net Immature	%							
Net 2nd Growth	%							
Average Slope	%	49						

Cruiser Call Variable Length Grades %

#3 Peeler	C	1	1	6				
#2 Lum/#1 Lum	F			2				
#2 Sawlog	H	38	38	58	38	39	19	
#3 Sawlog	I	14	14	17	18	11		
#4 Sawlog	J	20	20		18	32	29	57
#5 Utility	U	8	8	1	7	11	17	
#6 Utility	X	2	2		2		6	
#7 Chipper	Y	17	17	16	17	7	29	43

Statistical Summary

Coeff. of Variation	%	44.7	44.7	112.2	79.1	129.7	84.8	616.4
Two Standard Error	%	19.0	19.0	47.8	33.7	55.3	36.1	262.9
Number and Type of Plots	MP = 22	CP = 16						
Number of Potential Trees		100						
Plots/Ha		1.9						
Cruised Trees/Plot		4.6						

Slope % Statistics

Min= 0, Max=150, CV=58.0, Std Error of Mean=4.6, 2SE%=18.8

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Type Summary

FIZ: B
 PSYU: Nootka
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Net Area: Type 1 (M):HBYcF, Plots in Type: 38, TUs: [A : 19.6]

	Total	Conifer	F	H	B	YC	PW
Utilization Limits							
Min DBH cm (M)			17.5	17.5	17.5	17.5	17.5
Stump Ht cm (M)			30.0	30.0	30.0	30.0	30.0
Top Dia cm (M)			15.0	15.0	15.0	15.0	15.0
Log Len m			13.0	13.0	13.0	13.0	13.0
Volume and Size Data							
Gross Merchantable m3	14647	14647	2383	7050	2550	2571	93
Net Merchantable m3	12672	12672	2181	5957	2234	2215	85
Net Merch - All m3/ha	647	647	111	304	114	113	4
Distribution %	100	100	17	47	18	17	1
Decay %	7	7	3	9	7	6	3
Waste %	1	1	0	1		1	
Waste(billing) %	1	1	0	1		1	
Breakage %	6	6	5	6	6	7	5
Total Cull (DWB) %	13	13	8	16	12	14	8
Stems/Ha (Live & DP)	365.8	365.8	31.8	155.1	92.6	84.8	1.6
Avg DBH (Live & DP) cm	50.5	50.5	73.4	53.9	38.8	44.3	58.4
Snags/Ha							
Avg Snag DBH cm							
Gross Merch Vol/Tree m3	2.04	2.04	3.82	2.32	1.41	1.55	3.02
Net Merch Vol/Tree m3	1.77	1.77	3.50	1.96	1.23	1.33	2.77
Avg Weight Total Ht m	31.5	31.5	35.4	31.2	33.2	27.2	29.7
Avg Weight Merch Ht m	25.8	25.8	30.7	25.1	27.7	21.1	24.5
Avg 13.0 m Log Net m3	1.09	1.09	1.65	1.22	0.76	0.90	1.46
Avg 13.0 m Log Gross m3	1.18	1.18	1.70	1.35	0.82	0.97	1.51
Avg # of 13.0 m Logs/Tree	1.74	1.74	2.24	1.72	1.72	1.59	2.00
Net Immature %							
Net 2nd Growth %							

Cruiser Call Variable Length Grades %

#3 Peeler C	1	1	6				
#2 Lum/#1 Lum F			2				
#2 Sawlog H	38	38	58	38	39	19	
#3 Sawlog I	14	14	17	18	11		
#4 Sawlog J	20	20		18	32	29	57
#5 Utility U	8	8	1	7	11	17	
#6 Utility X	2	2		2		6	
#7 Chipper Y	17	17	16	17	7	29	43

Statistical Summary

Coeff. of Variation %	57.0	57.0	133.2	97.5	177.2	140.8	469.0
Two Standard Error %	19.0	19.0	47.8	33.7	55.3	36.1	262.9
Number and Type of Plots	MP = 22	CP = 16					
Number of Potential Trees	100						
Plots/Ha	1.9						
Cruised Trees/Plot	4.6						

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

Average Line Method
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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

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 :HBYcF	16	22	38	19.6	646.5	1.00	74	100	174	365.0392	57.0	9.5	19.0
TOTAL	16	22	38	19.6	646.5		74	100	174		44.7	9.5	19.0

Number of live & dead potential trees sampled is 100
 Number of dead useless trees sampled is 0
 Number of live useless trees sampled is 0
 The measured weighted sampling error is 25.3% at the 95% confidence level
The weighted sampling error is 19.0% at the 95% confidence level

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Double Sampling Factor Applied, Damage,
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Basal Area Statistical Analysis

Average Line Method
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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		

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 :HBYcF	16	22	38	19.6	73.3	1.00	74	100	174	33.8148	46.2	7.5	15.0
TOTAL	16	22	38	19.6	73.3		74	100	174		46.2	7.5	15.0

Number of live & dead potential trees sampled is 100
 Number of dead useless trees sampled is 0
 Number of live useless trees sampled is 0
 The measured weighted sampling error is 22.1% at the 95% confidence level
The weighted sampling error is 15.0% at the 95% confidence level

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Double Sampling Factor Applied, Damage,
 CruiseComp Copyright© 1996-2012, Industrial Forestry Service Ltd.

Cutting Permit Stand Table (stems/ha)
 Average Line Method Grades: Cruiser Called Alpha FIZ: B
 ALBERNI VALLEY COMM. FOREST Cruiser Est Decay PSYU: Nootka
 Licence Number: K2D CP: 000 Cruiser Est Waste Region: 1 - Coastal
 Project: TS1 CGNF Breakage Table District: 4 - South Island

02-Nov-2012 08:14:10AM
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 Version: 2012.00a IFS build 5798

[A : 19.6]

	F	H	B	YC	PW	Total	DP	DU	LU
Utilization Limits									
Min DBH cm (M)	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
Stump Ht cm (M)	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Top Dia cm (M)	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
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									
20			21.9			21.9			
25		13.8	18.5	17.8		50.1			
30		30.1	11.1	14.3		55.6			
35		6.7				6.7			
40	6.1	11.0	18.2	6.9		42.2	5.5		
45		21.3	5.5	12.8		39.5	4.1		
50		3.2	3.9	4.4		11.5			
55		11.6	6.5	15.9		34.0	4.0		
60		5.0		6.7	1.6	13.3			
65	4.2	12.2	2.5			18.9			
70	7.3	5.4	2.2			14.9			
75	2.9	9.3				12.3			
80	4.0	2.9	1.5	2.0		10.3	1.4		
85	1.2	2.6				3.8	1.2		
90	2.1	4.4				6.4			
95		1.0				1.0			
100	0.9	0.9				1.8			
105		0.8				0.8			
110		0.7	0.8			1.5			
115	0.6	0.7				1.3			
120	1.2	0.6				1.8			
125									
130									
135									
140									
145									
150									
175									
200									
225									
250									
275									
Total	30.6	144.1	92.6	80.8	1.6	349.6			
Dead P	1.2	11.0		4.0			16.2		
Dead U									
Live U									
Average DBH(cm) at 5 Levels									
12.5 +	73.0	54.2	38.8	43.7	58.4	50.3	53.8		
17.5 +	73.0	54.2	38.8	43.7	58.4	50.3	53.8		
22.5 +	73.0	54.2	42.8	43.7	58.4	51.7	53.8		
27.5 +	73.0	56.4	47.9	47.6	58.4	55.2	53.8		
32.5 +	73.0	62.3	51.7	51.8	58.4	59.9	53.8		

Cutting Permit Stock Table (m3/ha)
 Average Line Method Grades: Cruiser Called Alpha FIZ: B
 ALBERNI VALLEY COMM. FOREST Cruiser Est Decay PSYU: Nootka
 Licence Number: K2D CP: 000 Cruiser Est Waste Region: 1 - Coastal
 Project: TS1 CGNF Breakage Table District: 4 - South Island

02-Nov-2012 08:14:10AM
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 Version: 2012.00a IFS build 5798

[A : 19.6]

	F	H	B	YC	PW	Total	DP	DU	LU
Utilization Limits									
Min DBH cm (M)	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
Stump Ht cm (M)	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Top Dia cm (M)	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
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									
20			3.4			3.4			
25		2.7	3.5	5.9		12.2			
30		10.5	6.9	5.7		23.2			
35		5.1				5.1			
40	2.9	9.0	20.2	7.6		39.7	4.3		
45		24.5	8.2	15.0		47.7	3.3		
50		7.1	7.7	9.3		24.1			
55		26.8	19.4	37.3		83.6	5.8		
60		8.0		17.3	4.4	29.7			
65	9.4	38.4	10.3			58.1			
70	19.3	20.0	10.5			49.8			
75	11.5	44.4				56.0			
80	17.6	16.0	11.8	9.0		54.3	3.3		
85	5.6	14.3				20.0	5.4		
90	13.9	27.4				41.3			
95		8.6				8.6			
100	6.3	5.1				11.3			
105		7.3				7.3			
110		4.0	12.0			16.0			
115	6.0	6.1				12.2			
120	13.4	7.6				21.0			
125									
130									
135									
140									
145									
150									
175									
200									
225									
250									
275									
Total	105.9	293.0	114.0	107.2	4.4	624.4			
Dead P	5.4	10.9		5.8			22.1		
Total Volumes for 7 Levels									
17.5 +	105.9	293.0	114.0	107.2	4.4	624.4	22.1		
22.5 +	105.9	293.0	110.6	107.2	4.4	621.0	22.1		
27.5 +	105.9	290.3	107.0	101.3	4.4	608.9	22.1		
32.5 +	105.9	279.8	100.1	95.5	4.4	585.7	22.1		
37.5 +	105.9	274.7	100.1	95.5	4.4	580.6	22.1		
42.5 +	103.0	265.7	79.9	88.0	4.4	540.9	17.8		
47.5 +	103.0	241.2	71.7	72.9	4.4	493.2	14.5		

Cutting Permit Basal Area Table (m2/ha)
 Average Line Method Grades: Cruiser Called Alpha FIZ: B
 ALBERNI VALLEY COMM. FOREST Cruiser Est Decay PSYU: Nootka
 Licence Number: K2D CP: 000 Cruiser Est Waste Region: 1 - Coastal
 Project: TS1 CGNF Breakage Table District: 4 - South Island

02-Nov-2012 08:14:10AM
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[A : 19.6]

	F	H	B	YC	PW	Total	DP	DU	LU
Utilization Limits									
Min DBH cm (M)	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
Stump Ht cm (M)	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Top Dia cm (M)	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
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									
20			0.8			0.8			
25		0.7	0.8	0.9		2.4			
30		2.1	0.8	0.9		3.8			
35		0.7				0.7			
40	0.7	1.4	2.3	0.9		5.3	0.7		
45		3.5	0.8	1.9		6.1	0.7		
50		0.7	0.8	0.9		2.4			
55		2.8	1.6	3.7		8.1	0.9		
60		1.4		1.9	0.4	3.7			
65	1.3	4.2	0.8			6.3			
70	2.7	2.1	0.8			5.6			
75	1.3	4.2				5.5			
80	2.0	1.4	0.8	0.9		5.1	0.7		
85	0.7	1.4				2.1	0.7		
90	1.3	2.8				4.1			
95		0.7				0.7			
100	0.7	0.7				1.4			
105		0.7				0.7			
110		0.7	0.8			1.5			
115	0.7	0.7				1.4			
120	1.3	0.7				2.0			
125									
130									
135									
140									
145									
150									
175									
200									
225									
250									
275									
Total	12.8	33.3	10.9	12.1	0.4	69.6			
Dead P	0.7	2.1		0.9			3.7		
Dead U									
Live U									
Average Basal Area (m2) at 5 Levels									
12.5 +	12.8	33.3	10.9	12.1	0.4	69.6	3.7		
17.5 +	12.8	33.3	10.9	12.1	0.4	69.6	3.7		
22.5 +	12.8	33.3	10.2	12.1	0.4	68.8	3.7		
27.5 +	12.8	32.6	9.4	11.2	0.4	66.4	3.7		
32.5 +	12.8	30.5	8.6	10.3	0.4	62.6	3.7		

Block Stand Table (stems/ha)
 Average Line Method Grades: Cruiser Called Alpha FIZ: B
 ALBERNI VALLEY COMM. FOREST Cruiser Est Decay PSYU: Nootka
 Licence Number: K2D CP: 000 Cruiser Est Waste Region: 1 - Coastal
 Project: TS1 CGNF Breakage Table District: 4 - South Island

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 Version: 2012.00a IFS build 5798

Block : (M) - 001:TS1, Plots in Block: 38, TUs: [A : 19.6]

	F	H	B	YC	PW	Total	DP	DU	LU
Utilization Limits									
Min DBH cm (M)	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
Stump Ht cm (M)	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Top Dia cm (M)	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
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									
20			21.9			21.9			
25		13.8	18.5	17.8		50.1			
30		30.1	11.1	14.3		55.6			
35		6.7				6.7			
40	6.1	11.0	18.2	6.9		42.2	5.5		
45		21.3	5.5	12.8		39.5	4.1		
50		3.2	3.9	4.4		11.5			
55		11.6	6.5	15.9		34.0	4.0		
60		5.0		6.7	1.6	13.3			
65	4.2	12.2	2.5			18.9			
70	7.3	5.4	2.2			14.9			
75	2.9	9.3				12.3			
80	4.0	2.9	1.5	2.0		10.3	1.4		
85	1.2	2.6				3.8	1.2		
90	2.1	4.4				6.4			
95		1.0				1.0			
100	0.9	0.9				1.8			
105		0.8				0.8			
110		0.7	0.8			1.5			
115	0.6	0.7				1.3			
120	1.2	0.6				1.8			
125									
130									
135									
140									
145									
150									
175									
200									
225									
250									
275									
Total	30.6	144.1	92.6	80.8	1.6	349.6			
Dead P	1.2	11.0		4.0			16.2		
Dead U									
Live U									
Average DBH(cm) at 5 Levels									
12.5 +	73.0	54.2	38.8	43.7	58.4	50.3	53.8		
17.5 +	73.0	54.2	38.8	43.7	58.4	50.3	53.8		
22.5 +	73.0	54.2	42.8	43.7	58.4	51.7	53.8		
27.5 +	73.0	56.4	47.9	47.6	58.4	55.2	53.8		
32.5 +	73.0	62.3	51.7	51.8	58.4	59.9	53.8		

Block Stock Table (m3/ha)
 Average Line Method Grades: Cruiser Called Alpha FIZ: B
 ALBERNI VALLEY COMM. FOREST Cruiser Est Decay PSYU: Nootka
 Licence Number: K2D CP: 000 Cruiser Est Waste Region: 1 - Coastal
 Project: TS1 CGNF Breakage Table District: 4 - South Island

02-Nov-2012 08:14:10AM
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 Version: 2012.00a IFS build 5798

Block : (M) - 001:TS1, Plots in Block: 38, TUs: [A : 19.6]

	F	H	B	YC	PW	Total	DP	DU	LU
Utilization Limits									
Min DBH cm (M)	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
Stump Ht cm (M)	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Top Dia cm (M)	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
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									
20			3.4			3.4			
25		2.7	3.5	5.9		12.2			
30		10.5	6.9	5.7		23.2			
35		5.1				5.1			
40	2.9	9.0	20.2	7.6		39.7	4.3		
45		24.5	8.2	15.0		47.7	3.3		
50		7.1	7.7	9.3		24.1			
55		26.8	19.4	37.3		83.6	5.8		
60		8.0		17.3	4.4	29.7			
65	9.4	38.4	10.3			58.1			
70	19.3	20.0	10.5			49.8			
75	11.5	44.4				56.0			
80	17.6	16.0	11.8	9.0		54.3	3.3		
85	5.6	14.3				20.0	5.4		
90	13.9	27.4				41.3			
95		8.6				8.6			
100	6.3	5.1				11.3			
105		7.3				7.3			
110		4.0	12.0			16.0			
115	6.0	6.1				12.2			
120	13.4	7.6				21.0			
125									
130									
135									
140									
145									
150									
175									
200									
225									
250									
275									
Total	105.9	293.0	114.0	107.2	4.4	624.4			
Dead P	5.4	10.9		5.8			22.1		
Total Volumes for 7 Levels									
17.5 +	105.9	293.0	114.0	107.2	4.4	624.4	22.1		
22.5 +	105.9	293.0	110.6	107.2	4.4	621.0	22.1		
27.5 +	105.9	290.3	107.0	101.3	4.4	608.9	22.1		
32.5 +	105.9	279.8	100.1	95.5	4.4	585.7	22.1		
37.5 +	105.9	274.7	100.1	95.5	4.4	580.6	22.1		
42.5 +	103.0	265.7	79.9	88.0	4.4	540.9	17.8		
47.5 +	103.0	241.2	71.7	72.9	4.4	493.2	14.5		

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Double Sampling Factor Applied, Damage,
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Block Basal Area Table (m2/ha)

Average Line Method
 ALBERNI VALLEY COMM. FOREST
 Licence Number: K2D CP: 000
 Project: TS1

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

FIZ: B
 PSYU: Nootka
 Region: 1 - Coastal
 District: 4 - South Island

02-Nov-2012 08:14:10AM
 Filename: tsl.ccp
 Compiled by: Contour Forest Consultants
 Cruised by: CONTOUR FOREST CONSULTANTS
 Version: 2012.00a IFS build 5798

Block : (M) - 001:TS1, Plots in Block: 38, TUs: [A : 19.6]

	F	H	B	YC	PW	Total	DP	DU	LU
Utilization Limits									
Min DBH cm (M)	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
Stump Ht cm (M)	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Top Dia cm (M)	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
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									
20			0.8			0.8			
25		0.7	0.8	0.9		2.4			
30		2.1	0.8	0.9		3.8			
35		0.7				0.7			
40	0.7	1.4	2.3	0.9		5.3	0.7		
45		3.5	0.8	1.9		6.1	0.7		
50		0.7	0.8	0.9		2.4			
55		2.8	1.6	3.7		8.1	0.9		
60		1.4		1.9	0.4	3.7			
65	1.3	4.2	0.8			6.3			
70	2.7	2.1	0.8			5.6			
75	1.3	4.2				5.5			
80	2.0	1.4	0.8	0.9		5.1	0.7		
85	0.7	1.4				2.1	0.7		
90	1.3	2.8				4.1			
95		0.7				0.7			
100	0.7	0.7				1.4			
105		0.7				0.7			
110		0.7	0.8			1.5			
115	0.7	0.7				1.4			
120	1.3	0.7				2.0			
125									
130									
135									
140									
145									
150									
175									
200									
225									
250									
275									
Total	12.8	33.3	10.9	12.1	0.4	69.6			
Dead P	0.7	2.1		0.9			3.7		
Dead U									
Live U									
Average Basal Area (m2) at 5 Levels									
12.5 +	12.8	33.3	10.9	12.1	0.4	69.6	3.7		
17.5 +	12.8	33.3	10.9	12.1	0.4	69.6	3.7		
22.5 +	12.8	33.3	10.2	12.1	0.4	68.8	3.7		
27.5 +	12.8	32.6	9.4	11.2	0.4	66.4	3.7		
32.5 +	12.8	30.5	8.6	10.3	0.4	62.6	3.7		

Type Stand Table (stems/ha)
 Average Line Method Grades: Cruiser Called Alpha FIZ: B
 ALBERNI VALLEY COMM. FOREST Cruiser Est Decay PSYU: Nootka
 Licence Number: K2D CP: 000 Cruiser Est Waste Region: 1 - Coastal
 Project: TS1 CGNF Breakage Table District: 4 - South Island

02-Nov-2012 08:14:10AM
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 Compiled by: Contour Forest Consultants
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 Version: 2012.00a IFS build 5798

Type 1 (M):HBYcF, Plots in Type: 38, TUs: [A : 19.6]

	F	H	B	YC	PW	Total	DP	DU	LU
Utilization Limits									
Min DBH cm (M)	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
Stump Ht cm (M)	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Top Dia cm (M)	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
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									
20			21.9			21.9			
25		13.8	18.5	17.8		50.1			
30		30.1	11.1	14.3		55.6			
35		6.7				6.7			
40	6.1	11.0	18.2	6.9		42.2	5.5		
45		21.3	5.5	12.8		39.5	4.1		
50		3.2	3.9	4.4		11.5			
55		11.6	6.5	15.9		34.0	4.0		
60		5.0		6.7	1.6	13.3			
65	4.2	12.2	2.5			18.9			
70	7.3	5.4	2.2			14.9			
75	2.9	9.3				12.3			
80	4.0	2.9	1.5	2.0		10.3	1.4		
85	1.2	2.6				3.8	1.2		
90	2.1	4.4				6.4			
95		1.0				1.0			
100	0.9	0.9				1.8			
105		0.8				0.8			
110		0.7	0.8			1.5			
115	0.6	0.7				1.3			
120	1.2	0.6				1.8			
125									
130									
135									
140									
145									
150									
175									
200									
225									
250									
275									
Total	30.6	144.1	92.6	80.8	1.6	349.6			
Dead P	1.2	11.0		4.0			16.2		
Dead U									
Live U									
Average DBH(cm) at 5 Levels									
12.5 +	73.0	54.2	38.8	43.7	58.4	50.3	53.8		
17.5 +	73.0	54.2	38.8	43.7	58.4	50.3	53.8		
22.5 +	73.0	54.2	42.8	43.7	58.4	51.7	53.8		
27.5 +	73.0	56.4	47.9	47.6	58.4	55.2	53.8		
32.5 +	73.0	62.3	51.7	51.8	58.4	59.9	53.8		

Average Line Method
 ALBERNI VALLEY COMM. FOREST
 Licence Number: K2D CP: 000
 Project: TS1

Type Stock Table (m3/ha)
 Grades: Cruiser Called Alpha
 Cruiser Est Decay
 Cruiser Est Waste
 CGNF Breakage Table
 FIZ: B
 PSYU: Nootka
 Region: 1 - Coastal
 District: 4 - South Island

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Type 1 (M):HBYcF, Plots in Type: 38, TUs: [A : 19.6]

	F	H	B	YC	PW	Total	DP	DU	LU
Utilization Limits									
Min DBH cm (M)	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
Stump Ht cm (M)	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Top Dia cm (M)	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
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									
20			3.4			3.4			
25		2.7	3.5	5.9		12.2			
30		10.5	6.9	5.7		23.2			
35		5.1				5.1			
40	2.9	9.0	20.2	7.6		39.7	4.3		
45		24.5	8.2	15.0		47.7	3.3		
50		7.1	7.7	9.3		24.1			
55		26.8	19.4	37.3		83.6	5.8		
60		8.0		17.3	4.4	29.7			
65	9.4	38.4	10.3			58.1			
70	19.3	20.0	10.5			49.8			
75	11.5	44.4				56.0			
80	17.6	16.0	11.8	9.0		54.3	3.3		
85	5.6	14.3				20.0	5.4		
90	13.9	27.4				41.3			
95		8.6				8.6			
100	6.3	5.1				11.3			
105		7.3				7.3			
110		4.0	12.0			16.0			
115	6.0	6.1				12.2			
120	13.4	7.6				21.0			
125									
130									
135									
140									
145									
150									
175									
200									
225									
250									
275									
Total	105.9	293.0	114.0	107.2	4.4	624.4			
Dead P	5.4	10.9		5.8			22.1		
Total Volumes for 7 Levels									
17.5 +	105.9	293.0	114.0	107.2	4.4	624.4	22.1		
22.5 +	105.9	293.0	110.6	107.2	4.4	621.0	22.1		
27.5 +	105.9	290.3	107.0	101.3	4.4	608.9	22.1		
32.5 +	105.9	279.8	100.1	95.5	4.4	585.7	22.1		
37.5 +	105.9	274.7	100.1	95.5	4.4	580.6	22.1		
42.5 +	103.0	265.7	79.9	88.0	4.4	540.9	17.8		
47.5 +	103.0	241.2	71.7	72.9	4.4	493.2	14.5		

Type Basal Area Table (m2/ha)
 Average Line Method Grades: Cruiser Called Alpha FIZ: B
 ALBERNI VALLEY COMM. FOREST Cruiser Est Decay PSYU: Nootka
 Licence Number: K2D CP: 000 Cruiser Est Waste Region: 1 - Coastal
 Project: TS1 CGNF Breakage Table District: 4 - South Island

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Type 1 (M):HBYcF, Plots in Type: 38, TUs: [A : 19.6]

	F	H	B	YC	PW	Total	DP	DU	LU
Utilization Limits									
Min DBH cm (M)	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
Stump Ht cm (M)	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Top Dia cm (M)	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
Log Len m	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0

DBH Class	F	H	B	YC	PW	Total	DP	DU	LU
5									
10									
15									
20			0.8			0.8			
25		0.7	0.8	0.9		2.4			
30		2.1	0.8	0.9		3.8			
35		0.7				0.7			
40	0.7	1.4	2.3	0.9		5.3	0.7		
45		3.5	0.8	1.9		6.1	0.7		
50		0.7	0.8	0.9		2.4			
55		2.8	1.6	3.7		8.1	0.9		
60		1.4		1.9	0.4	3.7			
65	1.3	4.2	0.8			6.3			
70	2.7	2.1	0.8			5.6			
75	1.3	4.2				5.5			
80	2.0	1.4	0.8	0.9		5.1	0.7		
85	0.7	1.4				2.1	0.7		
90	1.3	2.8				4.1			
95		0.7				0.7			
100	0.7	0.7				1.4			
105		0.7				0.7			
110		0.7	0.8			1.5			
115	0.7	0.7				1.4			
120	1.3	0.7				2.0			
125									
130									
135									
140									
145									
150									
175									
200									
225									
250									
275									
Total	12.8	33.3	10.9	12.1	0.4	69.6			
Dead P	0.7	2.1		0.9			3.7		
Dead U									
Live U									

Average Basal Area (m2) at 5 Levels									
12.5 +	12.8	33.3	10.9	12.1	0.4	69.6	3.7		
17.5 +	12.8	33.3	10.9	12.1	0.4	69.6	3.7		
22.5 +	12.8	33.3	10.2	12.1	0.4	68.8	3.7		
27.5 +	12.8	32.6	9.4	11.2	0.4	66.4	3.7		
32.5 +	12.8	30.5	8.6	10.3	0.4	62.6	3.7		

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Double Sampling Factor Applied, Damage,
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Average Line Method
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 Licence Number: K2D CP: 000
 Project: TS1

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

Plot Summary

FIZ: B
 PSYU: Nootka
 Region: 1 - Coastal
 District: 4 - South Island

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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		

Forest Type	Block	Strip	Plot #	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-HBYcF	001	1	2	16.000F	67	Hemlock	3	232.58	51.26	447.44	338.73	311.42	285.33		
						Shatter	2	126.39	56.78	298.14	196.90	177.90	151.80		
						All Sp.	3	232.58	51.26	447.44	338.73	311.42	285.33		
	1	3	16.000F	17	Balsam	1	51.33	63.00	240.22	224.33	211.09	211.09			
					Doug-Fir	3	63.10	98.41	569.01	556.06	526.60	519.36			
					Hemlock	2	90.69	67.03	349.70	331.15	311.00	287.23			
					Y. Cedar	1	111.21	42.80	123.67	116.96	108.69	108.69			
					All Sp.	7	316.33	67.14	1282.60	1228.51	1157.39	1126.37			1210
	1	5	16.000F	150	Balsam	3	302.71	44.93	679.90	634.93	597.46	597.46			
					Doug-Fir	2	50.77	89.59	306.55	299.58	283.71	283.71			
					All Sp.	5	353.47	53.68	986.45	934.51	881.17	881.17			1210
	1	6	16.000F	47	Balsam	1	133.25	39.10	173.22	161.77	152.22	152.22			
					Doug-Fir	1	13.94	120.90	139.36	136.19	128.97	128.97			
					Hemlock	2	58.03	83.79	458.06	435.14	409.65	409.65			
					All Sp.	4	205.22	63.01	770.64	733.09	690.85	690.85			1210
	1	6B	16.000F C	60	Hemlock	2									
					Y. Cedar	1									
					All Sp.	3									1210
	1	7	16.000F	32	Balsam	2	195.37	45.67	334.39	312.28	293.85	293.85			
					Doug-Fir	2	77.44	72.54	262.64	256.66	243.06	239.86			
					Hemlock	2	165.13	49.67	268.04	249.39	233.92	233.92			
					W.W. Pine	1	59.73	58.40	180.68	174.50	165.47	165.47			
					All Sp.	7	497.66	53.53	1045.76	992.83	936.30	933.10			1210
	1	8	16.000F	52	Hemlock	2	162.65	50.05	208.55	167.97	156.37	156.37			
					All Sp.	2	162.65	50.05	208.55	167.97	156.37	156.37			1210
	1	8B	16.000F C	52	Doug-Fir	1									
					Hemlock	4									
					All Sp.	5									1210
	1	9	16.000F	90	Balsam	3	149.50	63.94	736.31	683.25	642.68	642.68			
					Hemlock	1	67.10	55.10	229.31	217.84	205.08	205.08			
					All Sp.	4	216.60	61.34	965.62	901.09	847.76	847.76			1210
	1	9B	16.000F C	55	Balsam	1									
					Hemlock	2									
					All Sp.	3									1210

Average Line Method
 ALBERNI VALLEY COMM. FOREST
 Licence Number: K2D CP: 000
 Project: TS1

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

Plot Summary

FIZ: B
 PSYU: Nootka
 Region: 1 - Coastal
 District: 4 - South Island

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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		

Forest Type	Block	Strip	Plot #	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-HBYcF	001	1	10	16.000F	65	Doug-Fir	3	230.20	51.53	284.37	277.90	263.18	263.18		
						Y. Cedar	2	551.66	27.18	224.46	214.82	199.81	199.81		
						All Sp.	5	781.86	36.09	508.83	492.72	462.99	462.99		
		1	10B	16.000F C	43	Hemlock	3								1210
						Y. Cedar	2								
						All Sp.	5								
	1	11	16.000F		38	Doug-Fir	3	85.42	84.59	483.01	472.02	447.01	447.01		
						Hemlock	1	34.36	77.00	189.42	179.94	169.40	169.40		
						Y. Cedar	1	71.71	53.30	179.82	172.11	160.08	160.08		
						All Sp.	5	191.49	72.93	852.25	824.06	776.49	776.49		
	1	11B	16.000F C		42	Doug-Fir	2								1210
						Hemlock	4								
						Y. Cedar	2								
						All Sp.	8								
	1	13	16.000F		84	Balsam	1	111.73	42.70	193.08	177.79	167.15	167.15		
						Hemlock	1	15.04	116.40	195.54	152.72	141.84	141.84		
						All Sp.	2	126.77	56.69	388.62	330.51	308.99	308.99		
	1	13B	16.000F C		58	Balsam	1								1210
						Hemlock	3								
						Y. Cedar	1								
						All Sp.	5								
	1	14	16.000F		72	Doug-Fir	2	73.61	74.40	296.51	289.77	274.42	274.42		
						Hemlock	4	328.42	49.81	612.43	581.78	547.71	547.71		
						All Sp.	6	402.03	55.14	908.95	871.55	822.13	822.13		
	1	14B	16.000F C		32	Doug-Fir	2								1210
						Hemlock	1								
						All Sp.	3								
	1	15	16.000F		65	Doug-Fir	1	48.07	65.10	128.34	125.42	118.77	118.77		
						Hemlock	1	318.27	25.30	70.36	66.73	62.45	62.45		
						All Sp.	2	366.33	33.35	198.70	192.14	181.23	181.23		
	1	15B	16.000F C		40	Doug-Fir	1								1210
						Hemlock	2								
						Y. Cedar	5								
						All Sp.	8								

Average Line Method
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Grades: Cruiser Called Alpha
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FIZ: B
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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		

Forest Type	Block	Strip	Plot #	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-HBYcF	001	1	16	16.000F	67	Balsam	2	827.52	22.19	162.10	151.38	142.44	142.44	1210			
						All Sp.	2	827.52	22.19	162.10	151.38	142.44	142.44				
				1	16B	16.000F C	67	Balsam	2								
								Doug-Fir	1								
								Hemlock	2								
								All Sp.	5								1210
				1	17	16.000F	72	Doug-Fir	1	32.40	79.30	146.45	143.12	135.54	135.54		
								Hemlock	6	452.06	52.00	981.47	916.71	861.09	861.09		
								Y. Cedar	2	131.62	55.64	404.48	364.51	337.45	337.45		
								All Sp.	9	616.07	54.55	1532.40	1424.34	1334.08	1334.08		1210
				1	17B	16.000F C	86	Balsam	2								
								Hemlock	1								
								All Sp.	3								1210
				1	18	16.000F	0	Hemlock	3	100.51	77.98	605.40	574.05	540.37	535.28		
								Y. Cedar	1	108.16	43.40	167.70	160.50	149.29	149.29		
								All Sp.	4	208.66	62.49	773.10	734.56	689.66	684.57		0409
				1	18B	16.000F C	45	Balsam	5								
								Hemlock	1								
								Y. Cedar	1								
								All Sp.	7								0409
				1	19	16.000F	48	Hemlock	3	311.30	44.31	362.26	337.33	316.65	316.65		
							All Sp.	3	311.30	44.31	362.26	337.33	316.65	316.65		0409	
			1	19B	16.000F C	20	Doug-Fir	3									
							Hemlock	2									
							Y. Cedar	1									
							All Sp.	6								0409	
			1	20	16.000F	56	Hemlock	2	240.06	41.20	282.38	268.24	252.53	252.53			
							All Sp.	2	240.06	41.20	282.38	268.24	252.53	252.53		0409	
			1	20B	16.000F C	45	Doug-Fir	2									
							Hemlock	1									
							Y. Cedar	2									
							All Sp.	5								0409	
			1	21	16.000F	19	Hemlock	3	180.36	58.21	470.61	442.74	415.80	406.39			
							Y. Cedar	3	213.02	53.56	485.21	463.22	430.29	402.50			

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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		

Forest Type	Block	Strip	Plot #	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-HBYcF	001	1	21	16.000F	19	Down	1	68.59	54.50	145.27	137.86	127.68	99.89	0409	
						All Sp.	6	393.38	55.74	955.82	905.96	846.09	808.89		
		1	21B	16.000F C	15	Hemlock	2							0409	
	Y. Cedar					1									
	All Sp.					3									
		1	22	16.000F	9	Balsam	1	122.98	40.70	142.77	133.33	125.46	125.46	0409	
	Hemlock					2	47.93	92.20	370.68	352.13	331.51	331.51			
	Y. Cedar					2	177.21	47.95	297.56	278.28	258.38	258.38			
	All Sp.					5	348.12	54.09	811.01	763.73	715.34	715.34			
		1	22B	16.000F C	15	Balsam	1							0409	
	Hemlock					2									
	Y. Cedar					1									
All Sp.	4														
	1	23	16.000F	60	Doug-Fir	2	80.50	71.14	270.72	247.28	232.28	232.28	0409		
Hemlock					1	39.08	72.20	184.75	175.50	165.23	165.23				
Y. Cedar					1	33.66	77.80	178.76	166.59	154.63	154.63				
All Sp.					4	153.24	72.92	634.23	589.37	552.14	552.14				
	1	24	16.000F	32	Hemlock	10	662.38	55.46	1669.52	1474.65	1379.80	1374.98	0409		
All Sp.					10	662.38	55.46	1669.52	1474.65	1379.80	1374.98				
	1	25	16.000F	15	Hemlock	2	71.97	75.24	343.24	322.81	303.71	268.91	0409		
Y. Cedar					1	56.21	60.20	189.39	181.26	168.60	168.60				
All Sp.					3	128.18	69.05	532.64	504.07	472.31	437.50				
	1	25B	16.000F C	22	Hemlock	1							0409		
					All Sp.	1									

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

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Measure Plots

Blocks	Timber Type
	1

BLOCK 001 (M)

# of Plots	22
ha / Plot	0.89

Cutting Permit

# of Plots	22
ha / Plot	0.89

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

Harvest Methods	Timber Type
	1

METHOD CC
 # of Plots 22
 ha / Plot 0.89

All Methods	
# of Plots	22
ha / Plot	0.89

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

Blocks	Timber Type
	1

BLOCK 001 (M)

# of Plots	16
ha / Plot	1.23

Cutting Permit

# of Plots	16
ha / Plot	1.23

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

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 ALBERNI VALLEY COMM. FOREST
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 Cruiser Est Decay
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 Region: 1 - Coastal
 District: 4 - South Island

02-Nov-2012 08:14:10AM
 Filename: tsl.ccp
 Compiled by: Contour Forest Consultants
 Cruised by: CONTOUR FOREST CONSULTANTS
 Version: 2012.00a IFS build 5798

Count Plots

Harvest Methods	Timber Type
	1

METHOD CC	
# of Plots	16
ha / Plot	1.23

All Methods	
# of Plots	16
ha / Plot	1.23

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