WESTERN FOREST PRODUCTS INC.

TFL 19 - CP# 388

Gold River/Zeballos/Leiner
Block #: L33HL, K534, K537, K585, and W59

SUMMARY OF VOLUMES (loss factors)
FULL VOLUMES APPLIED

01-Dec-2018 11:03:37AM

Cruised by: BELL, PATRICK, DEXTER
Compiled by: Western Forest Products Inc.

Map Area Statement Report

Average Line Method | Grades: MOF Computerized | FIZ: B | 01-Dec-2018 11:03:37AM
WESTERN FOREST PRODUCTS INC. | Computerized Decay | TFL: TFL 19 | Filename: cp 388.ccp
Licence Number: TFL 19 CP: 388 | Computerized Waste | Region: 2 - West Coast | Compiled by: Western Forest Products Inc.
Project: CP 388 | Computerized Breakage | District: 05 - Campbell River | Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Card A Cruise Identity

Licence #	: TFL 19	Cutting Permit #	: 388
Number of Blocks	: 5	Forest Region	: West Coast
Forest District	: Campbell River	Type	: TFL
Unit No	: TFL 19	Tenure	: T.F.L. Cutting Permit (COAST)
Quota	: Prop./Mngd.PSYU,TFL,or SSA	Sale Type	: None
Elevation	: 1	Co-ordinates Zone	: Zone 9
East	: 0	North	: 0
Total Merch Area	: 56.50	Report Type	: *** FOR APPRAISAL PURPOSES ***
Locality	: Gold River/Zeballos/Leiner		

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	Silvicultural Treatment Units A
1	K534: F(HD) 340	3.6
2	K534: FH 340	1.1
3	K537: F(H) 340	12.7
4	K537: F(H) 340	1.7
5	K585: FH 340	6.5
6	L33HL: HC 951	0.5
7	L33HL: C(FH) 941	2.1
8	L33HL: CH(F) 931	3.4
9	L33HL: HCy(FC) 941	1.5
10	W59: FH 540	3.6
11	W59: HF(C) 540	3.7
12	W59: FH(C) 550	16.1

Card D Block Description

Block	Description	Maturity	Type	Silvicultural Treatment Units A
33H	L33HL	M	6	0.5
			7	2.1
			8	3.4
			9	1.5
534	K534	I	1	3.6
			2	1.1
537	K537	I	3	12.7
			4	1.7
585	K585	I	5	6.5
W59	W59	I	10	3.6
			11	3.7
			12	16.1

Card F Harvesting Description

Harvest Method	Harvest Description	Type	Silvicultural Treatment Units A

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

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Map Area Statement Report

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 388
Project: CP 388

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: B
TFL: TFL 19
Region: 2 - West Coast
District: 05 - Campbell River

01-Dec-2018 11:03:37AM
Filename: cp 388.ccp
Compiled by: Western Forest Products Inc.
Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Harvest Method	Harvest Description	Silvicultural Treatment Units Type	A
CC	Cable - Clearcu	3	4.1
		5	2.9
		10	2.0
		11	2.2
		12	16.1
HL	Heli - Land	6	0.5
		7	2.1
		8	3.4
		9	1.5
SC	Ground Systems	1	3.6
		2	1.1
		3	8.6
		4	1.7
		5	3.6
		10	1.6
		11	1.5

Card G Treatment Unit Description

Treatment Unit	Description
A	TFL 19

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

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Appraisal Summary Report

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 388
Project: CP 388
Location : Gold River/Zeballos/Leiner

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage
No Of Blocks : 5

FIZ: B
TFL: TFL 19
Region: 2 - West Coast
District: 05 - Campbell River

01-Dec-2018 11:03:37AM
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Version: 2018.00 IFS build 6202

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)	10.00		

Net Area: [All Treatment Units : 56.5]

All Method Summary

Algorithm Grades % Species Code	Description	C	D	F	H	I	J	K	L	M	U	X	Y	Net Volume (m3) All	Net Volume (m3) Live	Net Volume (m3) DP	Net Volume / ha All	Net Volume / ha Live	Net Volume / ha DP
BA	Balsam			30			51				18	1		291	291	0	5.144	5.144	0.000
CE	Cedar		1		36	7	15	3	2	4	27	1	4	4223	3087	1135	74.739	54.642	20.097
CY	Y. Cedar						94					6		275	275	0	4.862	4.862	0.000
FI	Doug-Fir	1	4		18	14	45				13	5		23961	21395	2566	424.091	378.672	45.419
HE	Hemlock				19	6	52				21	2		14522	13487	1035	257.031	238.716	18.314
AL	Alder										73		27	241	241	0	4.269	4.269	0.000
	Total													43513	38776	4736	770.136	686.305	83.831

Harvesting Method Summaries

Harvest Method	Net Volume	Net Vol /10m Log	Net Vol /Hectare	Hem+ Bal%	Partial Cut%	Slope%	Down Tree%	Heavy Fire%
CC	25373	0.62	929.405	37		65	5	0
HL	3944	0.74	525.922	35		87	13	0
SC	14195	0.38	654.170	29		35	2	0
Conventional Methods	39568	0.51	807.515	34		52	3	0
All Methods	43513	0.52	770.136	34			4	0

Cutting Authority

95% Confidence Interval	12.4
Plots/Ha	1.3
Cruised Trees/Plot	4.7
Net 2nd Growth-Conifer %	80.2
Net 2nd Growth-Conifer (m3)	34697
Net Immature by Block %	33H: 0% 534: 91% 537:100% 585:100% W59: 80%
Non Heli Select Conifer (m3/ha)	765.87
Heli Select Total (decimal)	0.00
Heli+Skyline Total (decimal)	0.09
Piece Size - Conifer (m3/10m log)	0.53
Cruise Date (yy-mm):	18-05

Plots: 73 # <= 5yrs: 73 # > 5yrs: 0 # > 10yrs: 0 # no date: 0

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

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All Method Summary

Average Line Method | Grades: MOF Computerized | FIZ: B | 01-Dec-2018 11:03:37AM
WESTERN FOREST PRODUCTS INC. | Computerized Decay | TFL: TFL 19 | Filename: cp 388.ccp
Licence Number: TFL 19 CP: 388 | Computerized Waste | Region: 2 - West Coast | Compiled by: Western Forest Products Inc.
Project: CP 388 | Computerized Breakage | District: 05 - Campbell River | Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

[All Treatment Units : 56.5]

		Total	Conifer	Decid	F	C	H	B	Y	D
Utilization Limits										
Min DBH cm (M)					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
Top Dia cm (M)					15.0	15.0	15.0	15.0	15.0	15.0
Min DBH cm (I)					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
Top Dia cm (I)					10.0	10.0	10.0	10.0	10.0	10.0
Log Len m					10.0	10.0	10.0	10.0	10.0	10.0
Volume and Size Data										
Gross Merchantable	m3	50168	49913	255	26270	7352	15559	312	419	255
Net Merchantable	m3	43513	43271	241	23961	4223	14522	291	275	241
Net Merch - All	m3/ha	770.136	765.866	4.269	424.091	74.739	257.031	5.144	4.862	4.269
Net Merch - Live	m3/ha	686.305	682.036	4.269	378.672	54.642	238.716	5.144	4.862	4.269
Net Merch - DP	m3/ha	83.831	83.831		45.419	20.097	18.314			
Decay	%	6	6	0	3	27	2	2	20	0
Waste(billing)	%	3	3		1	16	0	0	12	
Total Cull (DWB)	%	13	13	5	9	43	7	7	34	5
Net Merch Vol/Tree	m3	1.18	1.19	0.34	1.48	1.11	0.91	2.48	1.66	0.34
Avg 10.0 m Log Net	m3	0.52	0.53	0.18	0.58	0.61	0.45	0.87	0.74	0.18
Useless Dead/Living	%	0	0			3				
Net Second Growth	%		80.2		89.0	19.6	85.3	56.3		
All Burn Volume	%									
Heavy Fire Volume	%									
Blowdown Volume	%	4	4		1	23	4			
Insect Volume	%									

Algorithm Grades %										
#3 Peeler	C				1					
#1 Lum/#1 Prem	D	2	2		4	1				
#2 Lum/#1 Lum	F	1	1					30		
#2 Sawlog	H	20	20		18	36	19			
#3 Sawlog	I	10	11		14	7	6			
#4 Sawlog	J	45	44		45	15	52	51	94	
#2 Shingle	K					3				
#3 Shingle	L					2				
#4 Shingle	M					4				
#5 Utility	U	17	17	73	13	27	21	18		73
#6 Utility	X	4	4		5	1	2	1	6	
#7 Chipper	Y	1	1	27		4				27

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

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Harvest Method Summary

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 388
Project: CP 388

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: B
TFL: TFL 19
Region: 2 - West Coast
District: 05 - Campbell River

01-Dec-2018 11:03:37AM
Filename: cp 388.ccp
Compiled by: Western Forest Products Inc.
Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Harvest Method : CC - Cable - Clearcu [All Treatment Units : 27.3]

		Total	Conifer	Decid	F	C	H	B	Y	D
Utilization Limits										
Min DBH cm (M)					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
Top Dia cm (M)					15.0	15.0	15.0	15.0	15.0	15.0
Min DBH cm (I)					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
Top Dia cm (I)					10.0	10.0	10.0	10.0	10.0	10.0
Log Len m					10.0	10.0	10.0	10.0	10.0	10.0
Volume and Size Data										
Gross Merchantable	m3	29133	29133		15623	3451	10004	55		
Net Merchantable	m3	25373	25373		13904	2124	9292	53		
Net Merch - All	m3/ha	929.405	929.405		509.295	77.794	340.381	1.934		
Net Merch - Live	m3/ha	823.065	823.065		458.937	54.022	308.172	1.934		
Net Merch - DP	m3/ha	106.339	106.339		50.358	23.772	32.209			
Decay	%	6	6		5	24	2			
Waste(billing)	%	3	3		2	13	1			
Total Cull (DWB)	%	13	13		11	38	7	4		
Net Merch Vol/Tree	m3	1.46	1.46		2.26	1.08	1.00	1.91		
Avg 10.0 m Log Net	m3	0.62	0.62		0.78	0.54	0.49	0.66		
Useless Dead/Living	%	1	1			5				
Net Second Growth	%		83.2		85.4	35.5	90.6	100.0		
All Burn Volume	%									
Heavy Fire Volume	%									
Blowdown Volume	%	5	5		1	16	7			
Insect Volume	%									
% Average Slope		65								
Algorithm Grades %										
#3 Peeler	C				1					
#1 Lum/#1 Prem	D	3	3		5	2				
#2 Lum/#1 Lum	F				1					
#2 Sawlog	H	26	26		25	31	25			
#3 Sawlog	I	16	16		23	10	8			
#4 Sawlog	J	36	36		30	12	46	91		
#2 Shingle	K					4				
#3 Shingle	L					3				
#4 Shingle	M					6				
#5 Utility	U	15	15		10	28	20	9		
#6 Utility	X	3	3		4		1			
#7 Chipper	Y	1	1		1	4				

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

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Harvest Method Summary

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 388
Project: CP 388

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: B
TFL: TFL 19
Region: 2 - West Coast
District: 05 - Campbell River

01-Dec-2018 11:03:37AM
Filename: cp 388.ccp
Compiled by: Western Forest Products Inc.
Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Harvest Method : HL - Heli - Land [All Treatment Units : 7.5]

		Total	Conifer	Decid	F	C	H	B	Y	D
Utilization Limits										
Min DBH cm (M)					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
Top Dia cm (M)					15.0	15.0	15.0	15.0	15.0	15.0
Min DBH cm (I)					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
Top Dia cm (I)					10.0	10.0	10.0	10.0	10.0	10.0
Log Len m					10.0	10.0	10.0	10.0	10.0	10.0
Volume and Size Data										
Gross Merchantable	m3	5852	5852		534	3372	1385	142	419	
Net Merchantable	m3	3944	3944		498	1793	1251	127	275	
Net Merch - All	m3/ha	525.922	525.922		66.427	239.132	166.796	16.942	36.626	
Net Merch - Live	m3/ha	474.883	474.883		66.427	188.093	166.796	16.942	36.626	
Net Merch - DP	m3/ha	51.039	51.039			51.039				
Decay	%	19	19		2	29	3	5	20	
Waste(billing)	%	10	10		0	20	1	1	12	
Total Cull (DWB)	%	33	33		7	47	10	11	34	
Net Merch Vol/Tree	m3	1.40	1.40		4.36	1.14	1.33	4.06	1.66	
Avg 10.0 m Log Net	m3	0.74	0.74		1.73	0.69	0.63	1.43	0.74	
Useless Dead/Living	%									
Net Second Growth	%									
All Burn Volume	%									
Heavy Fire Volume	%									
Blowdown Volume	%	13	13			30				
Insect Volume	%									
% Average Slope		87								
Algorithm Grades %										
#3 Peeler	C	2	2		14					
#1 Lum/#1 Prem	D	3	3		21	1				
#2 Lum/#1 Lum	F	4	4				6	68		
#2 Sawlog	H	26	26		23	38	19			
#3 Sawlog	I	5	5			3	11			
#4 Sawlog	J	31	31		21	19	43		94	
#2 Shingle	K	1	1			3				
#3 Shingle	L	1	1			1				
#4 Shingle	M	1	1			2				
#5 Utility	U	20	20		18	27	13	30		
#6 Utility	X	3	3			1	8	2	6	
#7 Chipper	Y	3	3		3	5				

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

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Harvest Method Summary

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 388
Project: CP 388

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: B
TFL: TFL 19
Region: 2 - West Coast
District: 05 - Campbell River

01-Dec-2018 11:03:37AM
Filename: cp 388.ccp
Compiled by: Western Forest Products Inc.
Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Harvest Method : SC - Ground Systems [All Treatment Units : 21.7]

		Total	Conifer	Decid	F	C	H	B	Y	D
Utilization Limits										
Min DBH cm (M)					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
Top Dia cm (M)					15.0	15.0	15.0	15.0	15.0	15.0
Min DBH cm (I)					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
Top Dia cm (I)					10.0	10.0	10.0	10.0	10.0	10.0
Log Len m					10.0	10.0	10.0	10.0	10.0	10.0
Volume and Size Data										
Gross Merchantable	m3	15183	14928	255	10113	529	4170	115		255
Net Merchantable	m3	14195	13954	241	9559	305	3979	111		241
Net Merch - All	m3/ha	654.170	643.055	11.116	440.516	14.078	183.357	5.104		11.116
Net Merch - Live	m3/ha	587.323	576.208	11.116	385.612	9.297	176.193	5.104		11.116
Net Merch - DP	m3/ha	66.847	66.847		54.903	4.781	7.163			
Decay	%	2	2	0	1	27	1			0
Waste(billing)	%	1	1		0	15				
Total Cull (DWB)	%	7	7	5	5	42	5	4		5
Net Merch Vol/Tree	m3	0.85	0.87	0.34	0.96	1.18	0.69	1.91		0.34
Avg 10.0 m Log Net	m3	0.38	0.39	0.18	0.41	0.77	0.34	0.66		0.18
Useless Dead/Living	%									
Net Second Growth	%		97.4		98.7	23.2	100.0	100.0		
All Burn Volume	%									
Heavy Fire Volume	%									
Blowdown Volume	%	2	2		1	34				
Insect Volume	%									
% Average Slope		35								
Algorithm Grades %										
#3 Peeler	C				1					
#2 Sawlog	H	7	7		7	40	5			
#3 Sawlog	I	2	2		2	17				
#4 Sawlog	J	65	66		68	11	66	91		
#4 Shingle	M					10				
#5 Utility	U	20	20	73	16	21	27	9		73
#6 Utility	X	5	5		6		2			
#7 Chipper	Y	1		27		1				27

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

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Cutting Permit Summary

Average Line Method | Grades: MOF Computerized | FIZ: B | 01-Dec-2018 11:03:37AM
WESTERN FOREST PRODUCTS INC. | Computerized Decay | TFL: TFL 19 | Filename: cp 388.ccp
Licence Number: TFL 19 CP: 388 | Computerized Waste | Region: 2 - West Coast | Compiled by: Western Forest Products Inc.
Project: CP 388 | Computerized Breakage | District: 05 - Campbell River | Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Net Area: [TFL 19 : 56.5]
Gross Area: [R/W Removed : 13.8][Reserves : 17.5][Grand Total : 87.8]

		Total	Conifer	Decid	F	C	H	B	Y	D
Utilization Limits										
Min DBH cm (M)					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
Top Dia cm (M)					15.0	15.0	15.0	15.0	15.0	15.0
Min DBH cm (I)					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
Top Dia cm (I)					10.0	10.0	10.0	10.0	10.0	10.0
Log Len m					10.0	10.0	10.0	10.0	10.0	10.0
Volume and Size Data										
Gross Merchantable	m3	50168	49913	255	26270	7352	15559	312	419	255
Net Merchantable	m3	43513	43271	241	23961	4223	14522	291	275	241
Net Merch - All	m3/ha	770	766	4	424	75	257	5	5	4
Distribution	%	100	99	1	55	10	33	1	1	1
Decay	%	6	6	0	3	27	2	2	20	0
Waste	%	2	2		1	9	0	0	8	
Waste(billing)	%	3	3		1	16	0	0	12	
Breakage	%	5	5	5	4	7	4	4	7	5
Total Cull (DWB)	%	13	13	5	9	43	7	7	34	5
Basal Area / Ha	m2/ha	79.0	78.6	0.4	39.9	14.2	23.2	0.5	0.7	0.4
Net VBAR	m3/m2	9.717	9.719	0.610	10.556	3.190	10.716	3.457	0.180	0.610
Stems/Ha (Live & DP)		655.2	642.6	12.6	286.9	67.4	283.3	2.1	2.9	12.6
Avg DBH (Live & DP)	cm	39.2	39.5	21.3	42.1	51.8	32.3	53.5	55.9	21.3
Snags/Ha		2.0	2.0			2.0				
Avg Snag DBH	cm	57.6	57.6			57.6				
Gross Merch Vol/Tree	m3	1.36	1.37	0.36	1.62	1.93	0.97	2.67	2.54	0.36
Net Merch Vol/Tree	m3	1.18	1.19	0.34	1.48	1.11	0.91	2.48	1.66	0.34
Avg Weight Total Ht	m	37.3	37.4	24.8	40.7	36.7	32.7	30.0	30.4	24.8
Avg Weight Merch Ht	m	32.1	32.2	17.1	35.9	30.9	26.7	25.8	23.7	17.1
Avg 10.0 m Log Net	m3	0.52	0.53	0.18	0.58	0.61	0.45	0.87	0.74	0.18
Avg 10.0 m Log Gross	m3	0.57	0.58	0.18	0.60	0.95	0.46	0.89	1.03	0.18
Avg # of 10.0 m Logs/Tree		2.37	2.37	2.00	2.69	2.04	2.13	3.00	2.47	2.00
Net Immature	%	79.7	80.2		89.0	19.6	85.3	56.3		
Net 2nd Growth	%		80.2							
Average Slope	%	57								
Algorithm Grades %										
#3 Peeler	C				1					
#1 Lum/#1 Prem	D	2	2		4	1				
#2 Lum/#1 Lum	F	1	1					30		
#2 Sawlog	H	20	20		18	36	19			
#3 Sawlog	I	10	11		14	7	6			
#4 Sawlog	J	45	44		45	15	52	51	94	
#2 Shingle	K					3				
#3 Shingle	L					2				
#4 Shingle	M					4				
#5 Utility	U	17	17	73	13	27	21	18		73
#6 Utility	X	4	4		5	1	2	1	6	
#7 Chipper	Y	1	1	27		4				27
Statistical Summary										
Coeff. of Variation	%	47.8	48.2	768.1	80.6	117.5	105.0	547.4	27.7	768.1
Two Standard Error	%	12.4	12.6	200.0	21.0	30.6	27.3	142.5	7.2	200.0
Number and Type of Plots		MP = 59	CP = 14							
Number of Potential Trees		276								
Plots/Ha		1.3								
Cruised Trees/Plot		4.7								

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

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Block Summary

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 388
Project: CP 388

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: B
TFL: TFL 19
Region: 2 - West Coast
District: 05 - Campbell River

01-Dec-2018 11:03:37AM
Filename: cp 388.ccp
Compiled by: Western Forest Products Inc.
Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Net Area: Block : (M) - 33H:L33HL, Plots in Block: 9, TUs: [TFL 19 : 7.5]
Gross Area: [Reserves : 3.7][Grand Total : 11.2]

		Total	Conifer	Decid	F	C	H	B	Y	D
Utilization Limits										
Min DBH cm (M)					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
Top Dia cm (M)					15.0	15.0	15.0	15.0	15.0	15.0
Log Len m					10.0	10.0	10.0	10.0	10.0	10.0
Volume and Size Data										
Gross Merchantable	m3	5852	5852		534	3372	1385	142	419	
Net Merchantable	m3	3944	3944		498	1793	1251	127	275	
Net Merch - All	m3/ha	526	526		66	239	167	17	37	
Distribution	%	100	100		13	45	32	3	7	
Decay	%	19	19		2	29	3	5	20	
Waste	%	7	7		0	11	1	1	8	
Waste(billing)	%	10	10		0	20	1	1	12	
Breakage	%	7	7		5	7	6	5	7	
Total Cull (DWB)	%	33	33		7	47	10	11	34	
Basal Area / Ha	m2/ha	88.1	88.1		6.4	56.4	18.1	1.8	5.4	
Net VBAR	m3/m2	5.985	5.985		10.072	4.072	9.250	4.235	1.357	
Stems/Ha (Live & DP)		377.0	377.0		15.2	210.4	125.1	4.2	22.0	
Avg DBH (Live & DP)	cm	54.6	54.6		73.2	58.4	43.0	74.4	55.9	
Snags/Ha										
Avg Snag DBH	cm									
Gross Merch Vol/Tree	m3	2.07	2.07		4.67	2.14	1.48	4.54	2.54	
Net Merch Vol/Tree	m3	1.40	1.40		4.36	1.14	1.33	4.06	1.66	
Avg Weight Total Ht	m	31.1	31.1		41.5	30.4	29.3	27.6	30.4	
Avg Weight Merch Ht	m	25.2	25.2		36.7	24.5	22.6	23.3	23.7	
Avg 10.0 m Log Net	m3	0.74	0.74		1.73	0.69	0.63	1.43	0.74	
Avg 10.0 m Log Gross	m3	1.00	1.00		1.76	1.15	0.65	1.51	1.03	
Avg # of 10.0 m Logs/Tree		2.07	2.07		2.65	1.86	2.26	3.00	2.47	
Net Immature	%									
Net 2nd Growth	%									
Average Slope	%	87								
Algorithm Grades %										
#3 Peeler	C	2	2		14					
#1 Lum/#1 Prem	D	3	3		21	1				
#2 Lum/#1 Lum	F	4	4				6	68		
#2 Sawlog	H	26	26		23	38	19			
#3 Sawlog	I	5	5			3	11			
#4 Sawlog	J	31	31		21	19	43		94	
#2 Shingle	K	1	1			3				
#3 Shingle	L	1	1			1				
#4 Shingle	M	1	1			2				
#5 Utility	U	20	20		18	27	13	30		
#6 Utility	X	3	3			1	8	2	6	
#7 Chipper	Y	3	3		3	5				
Statistical Summary										
Coeff. of Variation	%	32.5	32.5		181.5	31.1	107.4	300.0	10.8	
Two Standard Error	%	27.8	27.8		155.6	26.7	92.1	257.1	9.3	
Number and Type of Plots		MP = 9								
Number of Potential Trees		44								
Plots/Ha		1.2								
Cruised Trees/Plot		4.9								

Slope % Statistics

Min= 64, Max=138, CV=25.8, Std Error of Mean=7.5, 2SE%=19.8

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

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Block Summary

Average Line Method | Grades: MOF Computerized | FIZ: B | 01-Dec-2018 11:03:37AM
WESTERN FOREST PRODUCTS INC. | Computerized Decay | TFL: TFL 19 | Filename: cp 388.ccp
Licence Number: TFL 19 CP: 388 | Computerized Waste | Region: 2 - West Coast | Compiled by: Western Forest Products Inc.
Project: CP 388 | Computerized Breakage | District: 05 - Campbell River | Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Net Area: Block : (I) - 534:K534, Plots in Block: 11, TUs: [TFL 19 : 4.7]
Gross Area: [R/W Removed : 1.2][Reserves : 0.7][Grand Total : 6.6]

		Total	Conifer	Decid	F	C	H	B	Y	D
Utilization Limits										
Min DBH cm (I)					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
Top Dia cm (I)					10.0	10.0	10.0	10.0	10.0	10.0
Log Len m					10.0	10.0	10.0	10.0	10.0	10.0
Volume and Size Data										
Gross Merchantable	m3	2751	2496	255	1950		546			255
Net Merchantable	m3	2638	2396	241	1872		524			241
Net Merch - All	m3/ha	561	510	51	398		112			51
Distribution	%	100	91	9	71		20			9
Decay	%	0		0						0
Waste	%									
Waste(billing)	%									
Breakage	%	4	4	5	4		4			5
Total Cull (DWB)	%	4	4	5	4		4			5
Basal Area / Ha	m2/ha	56.2	50.9	5.4	39.6		11.3			5.4
Net VBAR	m3/m2	9.996	10.018	7.332	10.075		9.775			7.332
Stems/Ha (Live & DP)		769.8	618.8	151.0	432.4		186.4			151.0
Avg DBH (Live & DP)	cm	30.5	32.4	21.3	34.1		27.8			21.3
Snags/Ha										
Avg Snag DBH	cm									
Gross Merch Vol/Tree	m3	0.76	0.86	0.36	0.96		0.62			0.36
Net Merch Vol/Tree	m3	0.73	0.82	0.34	0.92		0.60			0.34
Avg Weight Total Ht	m	31.5	32.2	24.8	33.6		27.3			24.8
Avg Weight Merch Ht	m	26.0	26.8	17.1	28.4		21.2			17.1
Avg 10.0 m Log Net	m3	0.36	0.40	0.18	0.41		0.36			0.18
Avg 10.0 m Log Gross	m3	0.36	0.40	0.18	0.41		0.36			0.18
Avg # of 10.0 m Logs/Tree		2.14	2.17	2.00	2.36		1.74			2.00
Net Immature	%	90.9	100.0		100.0		100.0			
Net 2nd Growth	%		100.0							
Average Slope	%	11								
Algorithm Grades %										
#2 Sawlog	H	4	4		5					
#4 Sawlog	J	61	69		69		69			
#5 Utility	U	25	20	73	17		30			73
#6 Utility	X	7	7		9		1			
#7 Chipper	Y	3		27						27
Statistical Summary										
Coeff. of Variation	%	24.4	44.4	331.7	65.8		149.2			331.7
Two Standard Error	%	16.6	30.3	226.2	44.9		101.7			226.2
Number and Type of Plots		MP = 11								
Number of Potential Trees		44								
Plots/Ha		2.3								
Cruised Trees/Plot		4.0								

Slope % Statistics

Min= 3, Max= 35, CV=100.4, Std Error of Mean=3.6, 2SE%=67.4

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

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Block Summary

Average Line Method | Grades: MOF Computerized | FIZ: B | 01-Dec-2018 11:03:37AM
WESTERN FOREST PRODUCTS INC. | Computerized Decay | TFL: TFL 19 | Filename: cp 388.ccp
Licence Number: TFL 19 CP: 388 | Computerized Waste | Region: 2 - West Coast | Compiled by: Western Forest Products Inc.
Project: CP 388 | Computerized Breakage | District: 05 - Campbell River | Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Net Area: Block : (I) - 537:K537, Plots in Block: 17, TUs: [TFL 19 : 14.4]
Gross Area: [R/W Removed : 4.4][Reserves : 2.9][Grand Total : 21.7]

		Total	Conifer	Decid	F	C	H	B	Y	D
Utilization Limits										
Min DBH cm (I)					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
Top Dia cm (I)					10.0	10.0	10.0	10.0	10.0	10.0
Log Len m					10.0	10.0	10.0	10.0	10.0	10.0
Volume and Size Data										
Gross Merchantable	m3	8942	8942		7195		1577	170		
Net Merchantable	m3	8584	8584		6907		1514	164		
Net Merch - All	m3/ha	596	596		480		105	11		
Distribution	%	100	100		80		18	2		
Decay	%									
Waste	%									
Waste(billing)	%									
Breakage	%	4	4		4		4	4		
Total Cull (DWB)	%	4	4		4		4	4		
Basal Area / Ha	m2/ha	63.1	63.1		51.0		11.1	0.9		
Net VBAR	m3/m2	9.483	9.483		9.396		9.718	11.359		
Stems/Ha (Live & DP)		780.5	780.5		595.2		179.3	6.0		
Avg DBH (Live & DP)	cm	32.1	32.1		33.0		28.1	43.4		
Snags/Ha										
Avg Snag DBH	cm									
Gross Merch Vol/Tree	m3	0.80	0.80		0.84		0.61	1.98		
Net Merch Vol/Tree	m3	0.76	0.76		0.81		0.59	1.91		
Avg Weight Total Ht	m	30.0	30.0		30.8		26.0	32.1		
Avg Weight Merch Ht	m	24.7	24.7		25.6		20.0	27.8		
Avg 10.0 m Log Net	m3	0.35	0.35		0.36		0.31	0.66		
Avg 10.0 m Log Gross	m3	0.35	0.35		0.36		0.31	0.66		
Avg # of 10.0 m Logs/Tree		2.24	2.24		2.32		1.95	3.00		
Net Immature	%	100.0	100.0		100.0		100.0	100.0		
Net 2nd Growth	%		100.0							
Average Slope	%	46								
Algorithm Grades %										
#2 Sawlog	H	1	1		1					
#4 Sawlog	J	76	76		76		77	91		
#5 Utility	U	18	18		17		22	9		
#6 Utility	X	5	5		6		1			
#7 Chipper	Y									
Statistical Summary										
Coeff. of Variation	%	48.0	48.0		73.5		182.0	412.3		
Two Standard Error	%	24.8	24.8		38.0		94.1	213.1		
Number and Type of Plots		MP = 17								
Number of Potential Trees		76								
Plots/Ha		1.2								
Cruised Trees/Plot		4.5								

Slope % Statistics

Min= 11, Max= 64, CV=37.1, Std Error of Mean=4.0, 2SE%=19.1

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

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Block Summary

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 388
Project: CP 388

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: B
TFL: TFL 19
Region: 2 - West Coast
District: 05 - Campbell River

01-Dec-2018 11:03:37AM
Filename: cp 388.ccp
Compiled by: Western Forest Products Inc.
Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Net Area: Block : (I) - 585:K585, Plots in Block: 7, TUs: [TFL 19 : 6.5]
Gross Area: [R/W Removed : 1.2][Reserves : 0.9][Grand Total : 8.6]

		Total	Conifer	Decid	F	C	H	B	Y	D
Utilization Limits										
Min DBH cm (I)					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
Top Dia cm (I)					10.0	10.0	10.0	10.0	10.0	10.0
Log Len m					10.0	10.0	10.0	10.0	10.0	10.0
Volume and Size Data										
Gross Merchantable	m3	4859	4859		2626		2233			
Net Merchantable	m3	4665	4665		2521		2144			
Net Merch - All	m3/ha	718	718		388		330			
Distribution	%	100	100		54		46			
Decay	%									
Waste	%									
Waste(billing)	%									
Breakage	%	4	4		4		4			
Total Cull (DWB)	%	4	4		4		4			
Basal Area / Ha	m2/ha	70.0	70.0		38.0		32.0			
Net VBAR	m3/m2	10.253	10.253		10.208		10.306			
Stems/Ha (Live & DP)		748.1	748.1		263.8		484.3			
Avg DBH (Live & DP)	cm	34.5	34.5		42.8		29.0			
Snags/Ha										
Avg Snag DBH	cm									
Gross Merch Vol/Tree	m3	1.00	1.00		1.53		0.71			
Net Merch Vol/Tree	m3	0.96	0.96		1.47		0.68			
Avg Weight Total Ht	m	31.3	31.3		34.1		28.1			
Avg Weight Merch Ht	m	25.8	25.8		29.3		21.8			
Avg 10.0 m Log Net	m3	0.40	0.40		0.50		0.33			
Avg 10.0 m Log Gross	m3	0.40	0.40		0.50		0.33			
Avg # of 10.0 m Logs/Tree		2.49	2.49		3.09		2.16			
Net Immature	%	100.0	100.0		100.0		100.0			
Net 2nd Growth	%		100.0							
Average Slope	%	60								
Algorithm Grades %										
#2 Sawlog	H	11	11		16		4			
#4 Sawlog	J	61	61		66		55			
#5 Utility	U	26	26		16		38			
#6 Utility	X	2	2		2		2			
#7 Chipper	Y						1			
Statistical Summary										
Coeff. of Variation	%	42.0	42.0		88.2		120.9			
Two Standard Error	%	38.8	38.8		81.6		111.8			
Number and Type of Plots		MP = 7								
Number of Potential Trees		35								
Plots/Ha		1.1								
Cruised Trees/Plot		5.0								

Slope % Statistics

Min= 33, Max= 74, CV=21.8, Std Error of Mean=4.9, 2SE%=20.1

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

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Block Summary

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 388
Project: CP 388

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: B
TFL: TFL 19
Region: 2 - West Coast
District: 05 - Campbell River

01-Dec-2018 11:03:37AM
Filename: cp 388.ccp
Compiled by: Western Forest Products Inc.
Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Net Area: Block : (I) - W59:W59, Plots in Block: 29, TUs: [TFL 19 : 23.4]
Gross Area: [R/W Removed : 7.0][Reserves : 9.3][Grand Total : 39.7]

		Total	Conifer	Decid	F	C	H	B	Y	D
Utilization Limits										
Min DBH cm (I)					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
Top Dia cm (I)					10.0	10.0	10.0	10.0	10.0	10.0
Log Len m					10.0	10.0	10.0	10.0	10.0	10.0
Volume and Size Data										
Gross Merchantable	m3	27763	27763		13965	3980	9818			
Net Merchantable	m3	23681	23681		12163	2429	9089			
Net Merch - All	m3/ha	1012	1012		520	104	388			
Distribution	%	100	100		51	10	38			
Decay	%	8	8		6	24	3			
Waste	%	3	3		2	8	1			
Waste(billing)	%	3	3		3	13	1			
Breakage	%	5	5		4	7	4			
Total Cull (DWB)	%	15	15		13	39	7			
Basal Area / Ha	m2/ha	93.0	93.0		44.5	16.2	32.3			
Net VBAR	m3/m2	10.853	10.853		11.618	6.397	12.102			
Stems/Ha (Live & DP)		618.4	618.4		161.5	95.3	361.6			
Avg DBH (Live & DP)	cm	43.8	43.8		59.2	46.5	33.7			
Snags/Ha		4.8	4.8			4.8				
Avg Snag DBH	cm	57.6	57.6			57.6				
Gross Merch Vol/Tree	m3	1.92	1.92		3.70	1.78	1.16			
Net Merch Vol/Tree	m3	1.64	1.64		3.22	1.09	1.07			
Avg Weight Total Ht	m	42.8	42.8		48.1	42.1	35.6			
Avg Weight Merch Ht	m	37.8	37.8		43.9	36.0	29.9			
Avg 10.0 m Log Net	m3	0.68	0.68		0.96	0.56	0.51			
Avg 10.0 m Log Gross	m3	0.76	0.76		1.05	0.82	0.53			
Avg # of 10.0 m Logs/Tree		2.54	2.54		3.50	2.17	2.21			
Net Immature	%	80.4	80.4		82.3	34.0	90.3			
Net 2nd Growth	%		80.4							
Average Slope	%	63								
Algorithm Grades %										
#3 Peeler	C	1	1		1					
#1 Lum/#1 Prem	D	3	3		6	2				
#2 Lum/#1 Lum	F				1					
#2 Sawlog	H	30	30		29	32	27			
#3 Sawlog	I	18	18		27	10	9			
#4 Sawlog	J	29	29		22	12	44			
#2 Shingle	K					4				
#3 Shingle	L					3				
#4 Shingle	M	1	1			6				
#5 Utility	U	14	14		9	27	18			
#6 Utility	X	3	3		4		2			
#7 Chipper	Y	1	1		1	4				
Statistical Summary										
Coeff. of Variation	%	38.5	38.5		62.6	98.6	64.3			
Two Standard Error	%	20.5	20.5		33.2	52.3	34.2			
Number and Type of Plots		MP = 15	CP = 14							
Number of Potential Trees		77								
Plots/Ha		1.2								
Cruised Trees/Plot		5.0								

Slope % Statistics

Min= 21, Max=105, CV=32.8, Std Error of Mean=3.9, 2SE%=12.5

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

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Type Summary

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 388
Project: CP 388

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: B
TFL: TFL 19
Region: 2 - West Coast
District: 05 - Campbell River

01-Dec-2018 11:03:37AM
Filename: cp 388.ccp
Compiled by: Western Forest Products Inc.
Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Net Area: Type 1 (I):K534: F(HD) 340, Plots in Type: 8, TUs: [TFL 19 : 3.6]

		Total	Conifer	Decid	F	C	H	B	Y	D
Utilization Limits										
Min DBH cm (I)					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
Top Dia cm (I)					10.0	10.0	10.0	10.0	10.0	10.0
Log Len m					10.0	10.0	10.0	10.0	10.0	10.0
Volume and Size Data										
Gross Merchantable	m3	2123	1868	255	1497		371			255
Net Merchantable	m3	2034	1793	241	1437		356			241
Net Merch - All	m3/ha	565	498	67	399		99			67
Distribution	%	100	88	12	71		18			12
Decay	%	0		0						0
Waste	%									
Waste(billing)	%									
Breakage	%	4	4	5	4		4			5
Total Cull (DWB)	%	4	4	5	4		4			5
Basal Area / Ha	m2/ha	57.8	50.8	7.0	40.3		10.5			7.0
Net VBAR	m3/m2	9.784	9.814	9.572	9.916		9.423			9.572
Stems/Ha (Live & DP)		863.2	666.1	197.1	467.7		198.4			197.1
Avg DBH (Live & DP)	cm	29.2	31.1	21.3	33.1		26.0			21.3
Snags/Ha										
Avg Snag DBH	cm									
Gross Merch Vol/Tree	m3	0.68	0.78	0.36	0.89		0.52			0.36
Net Merch Vol/Tree	m3	0.65	0.75	0.34	0.85		0.50			0.34
Avg Weight Total Ht	m	31.1	31.9	24.8	33.3		26.5			24.8
Avg Weight Merch Ht	m	25.5	26.7	17.1	28.2		20.4			17.1
Avg 10.0 m Log Net	m3	0.33	0.38	0.18	0.40		0.32			0.18
Avg 10.0 m Log Gross	m3	0.33	0.38	0.18	0.40		0.32			0.18
Avg # of 10.0 m Logs/Tree		2.05	2.06	2.00	2.24		1.63			2.00
Net Immature	%	88.1	100.0		100.0		100.0			
Net 2nd Growth	%		100.0							
Algorithm Grades %										
#2 Sawlog	H	5	6		7					
#4 Sawlog	J	59	67		67		66			
#5 Utility	U	27	21	73	18		33			73
#6 Utility	X	6	6		8		1			
#7 Chipper	Y	3		27						27
Statistical Summary										
Coeff. of Variation	%	20.9	46.8	282.8	55.0		131.2			282.8
Two Standard Error	%	17.5	39.1	236.5	46.0		109.7			236.5
Number and Type of Plots		MP = 8								
Number of Potential Trees		33								
Plots/Ha		2.2								
Cruised Trees/Plot		4.1								

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

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Type Summary

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 388
Project: CP 388

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: B
TFL: TFL 19
Region: 2 - West Coast
District: 05 - Campbell River

01-Dec-2018 11:03:37AM
Filename: cp 388.ccp
Compiled by: Western Forest Products Inc.
Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Net Area: Type 2 (I):K534: FH 340, Plots in Type: 3, TUs: [TFL 19 : 1.1]

		Total	Conifer	Decid	F	C	H	B	Y	D
Utilization Limits										
Min DBH cm (I)					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
Top Dia cm (I)					10.0	10.0	10.0	10.0	10.0	10.0
Log Len m					10.0	10.0	10.0	10.0	10.0	10.0
Volume and Size Data										
Gross Merchantable	m3	629	629		453		175			
Net Merchantable	m3	604	604		435		168			
Net Merch - All	m3/ha	549	549		396		153			
Distribution	%	100	100		72		28			
Decay	%									
Waste	%									
Waste(billing)	%									
Breakage	%	4	4		4		4			
Total Cull (DWB)	%	4	4		4		4			
Basal Area / Ha	m2/ha	51.3	51.3		37.3		14.0			
Net VBAR	m3/m2	10.688	10.688		10.597		10.929			
Stems/Ha (Live & DP)		464.1	464.1		316.9		147.2			
Avg DBH (Live & DP)	cm	37.5	37.5		38.7		34.8			
Snags/Ha										
Avg Snag DBH	cm									
Gross Merch Vol/Tree	m3	1.23	1.23		1.30		1.08			
Net Merch Vol/Tree	m3	1.18	1.18		1.25		1.04			
Avg Weight Total Ht	m	33.0	33.0		34.5		29.1			
Avg Weight Merch Ht	m	27.4	27.4		29.1		23.0			
Avg 10.0 m Log Net	m3	0.46	0.46		0.45		0.49			
Avg 10.0 m Log Gross	m3	0.46	0.46		0.45		0.49			
Avg # of 10.0 m Logs/Tree		2.69	2.69		2.91		2.21			
Net Immature	%	100.0	100.0		100.0		100.0			
Net 2nd Growth	%		100.0							
Algorithm Grades %										
#4 Sawlog	J	73	73		73		75			
#5 Utility	U	17	17		14		24			
#6 Utility	X	10	10		13		1			
#7 Chipper	Y									
Statistical Summary										
Coeff. of Variation	%	35.0	35.0		97.4		173.2			
Two Standard Error	%	87.1	87.1		241.9		430.3			
Number and Type of Plots		MP = 3								
Number of Potential Trees		11								
Plots/Ha		2.7								
Cruised Trees/Plot		3.7								

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

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Type Summary

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 388
Project: CP 388

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: B
TFL: TFL 19
Region: 2 - West Coast
District: 05 - Campbell River

01-Dec-2018 11:03:37AM
Filename: cp 388.ccp
Compiled by: Western Forest Products Inc.
Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Net Area: Type 3 (I):K537: F(H) 340, Plots in Type: 14, TUs: [TFL 19 : 12.7]

		Total	Conifer	Decid	F	C	H	B	Y	D
Utilization Limits										
Min DBH cm (I)					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
Top Dia cm (I)					10.0	10.0	10.0	10.0	10.0	10.0
Log Len m					10.0	10.0	10.0	10.0	10.0	10.0
Volume and Size Data										
Gross Merchantable	m3	7811	7811		6174		1467	170		
Net Merchantable	m3	7499	7499		5927		1408	164		
Net Merch - All	m3/ha	590	590		467		111	13		
Distribution	%	100	100		79		19	2		
Decay	%									
Waste	%									
Waste(billing)	%									
Breakage	%	4	4		4		4	4		
Total Cull (DWB)	%	4	4		4		4	4		
Basal Area / Ha	m2/ha	64.0	64.0		51.0		12.0	1.0		
Net VBAR	m3/m2	9.226	9.226		9.150		9.241	12.880		
Stems/Ha (Live & DP)		838.5	838.5		635.6		196.1	6.8		
Avg DBH (Live & DP)	cm	31.2	31.2		32.0		27.9	43.4		
Snags/Ha										
Avg Snag DBH	cm									
Gross Merch Vol/Tree	m3	0.73	0.73		0.76		0.59	1.98		
Net Merch Vol/Tree	m3	0.70	0.70		0.73		0.57	1.91		
Avg Weight Total Ht	m	29.0	29.0		29.8		25.4	32.1		
Avg Weight Merch Ht	m	23.6	23.6		24.5		19.5	27.8		
Avg 10.0 m Log Net	m3	0.34	0.34		0.34		0.31	0.66		
Avg 10.0 m Log Gross	m3	0.34	0.34		0.34		0.31	0.66		
Avg # of 10.0 m Logs/Tree		2.19	2.19		2.26		1.91	3.00		
Net Immature	%	100.0	100.0		100.0		100.0	100.0		
Net 2nd Growth	%		100.0							
Algorithm Grades %										
#4 Sawlog	J	76	76		76		76	91		
#5 Utility	U	18	18		17		23	9		
#6 Utility	X	6	6		7		1			
#7 Chipper	Y									
Statistical Summary										
Coeff. of Variation	%	49.2	49.2		76.2		175.3	374.2		
Two Standard Error	%	28.4	28.4		44.0		101.2	216.0		
Number and Type of Plots		MP = 14								
Number of Potential Trees		64								
Plots/Ha		1.1								
Cruised Trees/Plot		4.6								

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

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Type Summary

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 388
Project: CP 388

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: B
TFL: TFL 19
Region: 2 - West Coast
District: 05 - Campbell River

01-Dec-2018 11:03:37AM
Filename: cp 388.ccp
Compiled by: Western Forest Products Inc.
Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Net Area: Type 4 (I):K537: F(H) 340, Plots in Type: 3, TUs: [TFL 19 : 1.7]

		Total	Conifer	Decid	F	C	H	B	Y	D
Utilization Limits										
Min DBH cm (I)					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
Top Dia cm (I)					10.0	10.0	10.0	10.0	10.0	10.0
Log Len m					10.0	10.0	10.0	10.0	10.0	10.0
Volume and Size Data										
Gross Merchantable	m3	1131	1131		1021		110			
Net Merchantable	m3	1086	1086		980		105			
Net Merch - All	m3/ha	639	639		577		62			
Distribution	%	100	100		90		10			
Decay	%									
Waste	%									
Waste(billing)	%									
Breakage	%	4	4		4		4			
Total Cull (DWB)	%	4	4		4		4			
Basal Area / Ha	m2/ha	56.0	56.0		51.3		4.7			
Net VBAR	m3/m2	11.403	11.403		11.232		13.286			
Stems/Ha (Live & DP)		347.4	347.4		293.5		53.9			
Avg DBH (Live & DP)	cm	45.3	45.3		47.2		33.2			
Snags/Ha										
Avg Snag DBH	cm									
Gross Merch Vol/Tree	m3	1.91	1.91		2.05		1.20			
Net Merch Vol/Tree	m3	1.84	1.84		1.96		1.15			
Avg Weight Total Ht	m	37.0	37.0		37.3		34.6			
Avg Weight Merch Ht	m	31.9	31.9		32.4		27.4			
Avg 10.0 m Log Net	m3	0.59	0.59		0.62		0.40			
Avg 10.0 m Log Gross	m3	0.59	0.59		0.62		0.40			
Avg # of 10.0 m Logs/Tree		3.25	3.25		3.29		3.00			
Net Immature	%	100.0	100.0		100.0		100.0			
Net 2nd Growth	%		100.0							
Algorithm Grades %										
#2 Sawlog	H	8	8		9					
#4 Sawlog	J	78	78		76		89			
#5 Utility	U	14	14		14		11			
#6 Utility	X				1					
Statistical Summary										
Coeff. of Variation	%	26.4	26.4		44.2		173.2			
Two Standard Error	%	65.6	65.6		109.8		430.3			
Number and Type of Plots		MP = 3								
Number of Potential Trees		12								
Plots/Ha		1.8								
Cruised Trees/Plot		4.0								

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

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Type Summary

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 388
Project: CP 388

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: B
TFL: TFL 19
Region: 2 - West Coast
District: 05 - Campbell River

01-Dec-2018 11:03:37AM
Filename: cp 388.ccp
Compiled by: Western Forest Products Inc.
Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Net Area: Type 5 (I):K585: FH 340, Plots in Type: 7, TUs: [TFL 19 : 6.5]

		Total	Conifer	Decid	F	C	H	B	Y	D
Utilization Limits										
Min DBH cm (I)					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
Top Dia cm (I)					10.0	10.0	10.0	10.0	10.0	10.0
Log Len m					10.0	10.0	10.0	10.0	10.0	10.0
Volume and Size Data										
Gross Merchantable	m3	4859	4859		2626		2233			
Net Merchantable	m3	4665	4665		2521		2144			
Net Merch - All	m3/ha	718	718		388		330			
Distribution	%	100	100		54		46			
Decay	%									
Waste	%									
Waste(billing)	%									
Breakage	%	4	4		4		4			
Total Cull (DWB)	%	4	4		4		4			
Basal Area / Ha	m2/ha	70.0	70.0		38.0		32.0			
Net VBAR	m3/m2	10.253	10.253		10.208		10.306			
Stems/Ha (Live & DP)		748.1	748.1		263.8		484.3			
Avg DBH (Live & DP)	cm	34.5	34.5		42.8		29.0			
Snags/Ha										
Avg Snag DBH	cm									
Gross Merch Vol/Tree	m3	1.00	1.00		1.53		0.71			
Net Merch Vol/Tree	m3	0.96	0.96		1.47		0.68			
Avg Weight Total Ht	m	31.3	31.3		34.1		28.1			
Avg Weight Merch Ht	m	25.8	25.8		29.3		21.8			
Avg 10.0 m Log Net	m3	0.40	0.40		0.50		0.33			
Avg 10.0 m Log Gross	m3	0.40	0.40		0.50		0.33			
Avg # of 10.0 m Logs/Tree		2.49	2.49		3.09		2.16			
Net Immature	%	100.0	100.0		100.0		100.0			
Net 2nd Growth	%		100.0							
Algorithm Grades %										
#2 Sawlog	H	11	11		16		4			
#4 Sawlog	J	61	61		66		55			
#5 Utility	U	26	26		16		38			
#6 Utility	X	2	2		2		2			
#7 Chipper	Y						1			
Statistical Summary										
Coeff. of Variation	%	42.0	42.0		88.2		120.9			
Two Standard Error	%	38.8	38.8		81.6		111.8			
Number and Type of Plots		MP = 7								
Number of Potential Trees		35								
Plots/Ha		1.1								
Cruised Trees/Plot		5.0								

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

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Type Summary

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 388
Project: CP 388

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: B
TFL: TFL 19
Region: 2 - West Coast
District: 05 - Campbell River

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Filename: cp 388.ccp
Compiled by: Western Forest Products Inc.
Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Net Area: Type 6 (M):L33HL: HC 951, Plots in Type: 1, TUs: [TFL 19 : 0.5]

		Total	Conifer	Decid	F	C	H	B	Y	D
Utilization Limits										
Min DBH cm (M)					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
Top Dia cm (M)					15.0	15.0	15.0	15.0	15.0	15.0
Log Len m					10.0	10.0	10.0	10.0	10.0	10.0
Volume and Size Data										
Gross Merchantable	m3	566	566			312	254			
Net Merchantable	m3	393	393			156	237			
Net Merch - All	m3/ha	786	786			312	473			
Distribution	%	100	100			40	60			
Decay	%	18	18			32	1			
Waste	%	6	6			11				
Waste(billing)	%	9	9			22				
Breakage	%	7	7			7	6			
Total Cull (DWB)	%	31	31			50	7			
Basal Area / Ha	m2/ha	100.0	100.0			60.0	40.0			
Net VBAR	m3/m2	7.858	7.858			5.208	11.834			
Stems/Ha (Live & DP)		384.4	384.4			100.4	284.0			
Avg DBH (Live & DP)	cm	57.6	57.6			87.2	42.3			
Snags/Ha										
Avg Snag DBH	cm									
Gross Merch Vol/Tree	m3	2.95	2.95			6.22	1.79			
Net Merch Vol/Tree	m3	2.04	2.04			3.11	1.67			
Avg Weight Total Ht	m	37.8	37.8			38.6	36.7			
Avg Weight Merch Ht	m	30.6	30.6			32.0	29.4			
Avg 10.0 m Log Net	m3	0.89	0.89			1.15	0.77			
Avg 10.0 m Log Gross	m3	1.18	1.18			2.01	0.78			
Avg # of 10.0 m Logs/Tree		2.50	2.50			3.10	2.29			
Net Immature	%									
Net 2nd Growth	%									
Algorithm Grades %										
#2 Lum/#1 Lum	F	18	18				30			
#2 Sawlog	H	36	36			60	20			
#3 Sawlog	I	2	2			5				
#4 Sawlog	J	22	22				36			
#4 Shingle	M	1	1			3				
#5 Utility	U	20	20			29	14			
#7 Chipper	Y	1	1			3				
Statistical Summary										
Coeff. of Variation	%									
Two Standard Error	%									
Number and Type of Plots		MP = 1								
Number of Potential Trees		5								
Plots/Ha		2.0								
Cruised Trees/Plot		5.0								

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

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Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 388
Project: CP 388

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

Type Summary
FIZ: B
TFL: TFL 19
Region: 2 - West Coast
District: 05 - Campbell River

01-Dec-2018 11:03:37AM
Filename: cp 388.ccp
Compiled by: Western Forest Products Inc.
Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Net Area: Type 7 (M):L33HL: C(FH) 941, Plots in Type: 2, TUs: [TFL 19 : 2.1]

		Total	Conifer	Decid	F	C	H	B	Y	D
Utilization Limits										
Min DBH cm (M)					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
Top Dia cm (M)					15.0	15.0	15.0	15.0	15.0	15.0
Log Len m					10.0	10.0	10.0	10.0	10.0	10.0
Volume and Size Data										
Gross Merchantable	m3	2109	2109		247	1629	233			
Net Merchantable	m3	1341	1341		231	892	218			
Net Merch - All	m3/ha	639	639		110	425	104			
Distribution	%	100	100		17	67	16			
Decay	%	22	22		1	28	1			
Waste	%	8	8			10				
Waste(billing)	%	13	13			19				
Breakage	%	7	7		5	7	6			
Total Cull (DWB)	%	36	36		6	45	7			
Basal Area / Ha	m2/ha	110.0	110.0		10.0	90.0	10.0			
Net VBAR	m3/m2	5.805	5.805		10.997	4.722	10.361			
Stems/Ha (Live & DP)		201.3	201.3		9.2	152.3	39.9			
Avg DBH (Live & DP)	cm	83.4	83.4		117.9	86.7	56.5			
Snags/Ha										
Avg Snag DBH	cm									
Gross Merch Vol/Tree	m3	4.99	4.99		12.83	5.09	2.78			
Net Merch Vol/Tree	m3	3.17	3.17		12.01	2.79	2.60			
Avg Weight Total Ht	m	34.2	34.2		44.5	33.3	30.0			
Avg Weight Merch Ht	m	28.6	28.6		40.1	27.3	23.4			
Avg 10.0 m Log Net	m3	1.22	1.22		3.16	1.14	0.92			
Avg 10.0 m Log Gross	m3	1.74	1.74		3.21	1.84	0.93			
Avg # of 10.0 m Logs/Tree		2.87	2.87		4.00	2.77	3.00			
Net Immature	%									
Net 2nd Growth	%									
Algorithm Grades %										
#1 Lum/#1 Prem	D	9	9		45	2				
#2 Lum/#1 Lum	F									
#2 Sawlog	H	38	38		30	47				
#3 Sawlog	I	13	13			5	64			
#2 Shingle	K	3	3			5				
#3 Shingle	L	2	2			3				
#4 Shingle	M	2	2			3				
#5 Utility	U	26	26		19	27	32			
#6 Utility	X	1	1				4			
#7 Chipper	Y	6	6		6	8				
Statistical Summary										
Coeff. of Variation	%	13.4	13.4		141.4	22.3	141.4			
Two Standard Error	%	120.5	120.5		1270.6	200.0	1270.6			
Number and Type of Plots		MP =	2							
Number of Potential Trees		11								
Plots/Ha		1.0								
Cruised Trees/Plot		5.5								

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

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Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 388
Project: CP 388

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

Type Summary
FIZ: B
TFL: TFL 19
Region: 2 - West Coast
District: 05 - Campbell River

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Filename: cp 388.ccp
Compiled by: Western Forest Products Inc.
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Version: 2018.00 IFS build 6202

Net Area: Type 8 (M):L33HL: CH(F) 931, Plots in Type: 4, TUs: [TFL 19 : 3.4]

		Total	Conifer	Decid	F	C	H	B	Y	D
Utilization Limits										
Min DBH cm (M)					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
Top Dia cm (M)					15.0	15.0	15.0	15.0	15.0	15.0
Log Len m					10.0	10.0	10.0	10.0	10.0	10.0
Volume and Size Data										
Gross Merchantable	m3	2113	2113		175	1260	537	142		
Net Merchantable	m3	1395	1395		164	643	461	127		
Net Merch - All	m3/ha	410	410		48	189	136	37		
Distribution	%	100	100		12	46	33	9		
Decay	%	20	20		1	31	6	5		
Waste	%	7	7		0	11	2	1		
Waste(billing)	%	11	11		0	22	2	1		
Breakage	%	6	6		5	7	6	5		
Total Cull (DWB)	%	34	34		6	49	14	11		
Basal Area / Ha	m2/ha	80.0	80.0		4.0	52.0	20.0	4.0		
Net VBAR	m3/m2	5.129	5.129		12.045	3.638	6.781	9.343		
Stems/Ha (Live & DP)		453.9	453.9		5.3	265.1	174.3	9.2		
Avg DBH (Live & DP)	cm	47.4	47.4		98.2	50.0	38.2	74.4		
Snags/Ha										
Avg Snag DBH	cm									
Gross Merch Vol/Tree	m3	1.37	1.37		9.74	1.40	0.91	4.54		
Net Merch Vol/Tree	m3	0.90	0.90		9.12	0.71	0.78	4.06		
Avg Weight Total Ht	m	26.4	26.4		46.8	25.6	21.8	27.6		
Avg Weight Merch Ht	m	20.9	20.9		41.7	19.7	15.1	23.3		
Avg 10.0 m Log Net	m3	0.53	0.53		2.40	0.47	0.42	1.43		
Avg 10.0 m Log Gross	m3	0.73	0.73		2.43	0.82	0.45	1.51		
Avg # of 10.0 m Logs/Tree		1.87	1.87		4.00	1.71	2.00	3.00		
Net Immature	%									
Net 2nd Growth	%									
Algorithm Grades %										
#3 Peeler	C	5	5		42					
#2 Lum/#1 Lum	F	6	6					68		
#2 Sawlog	H	12	12		29	19				
#4 Sawlog	J	48	48			47	75			
#5 Utility	U	20	20		29	27	6	30		
#6 Utility	X	8	8			4	19	2		
#7 Chipper	Y	1	1			3				
Statistical Summary										
Coeff. of Variation	%	44.9	44.9		200.0	37.4	87.4	200.0		
Two Standard Error	%	71.4	71.4		318.2	59.6	139.1	318.2		
Number and Type of Plots		MP = 4								
Number of Potential Trees		20								
Plots/Ha		1.2								
Cruised Trees/Plot		5.0								

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

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Type Summary

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 388
Project: CP 388

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: B
TFL: TFL 19
Region: 2 - West Coast
District: 05 - Campbell River

01-Dec-2018 11:03:37AM
Filename: cp 388.ccp
Compiled by: Western Forest Products Inc.
Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Net Area: Type 9 (M):L33HL: HCy(FC) 941, Plots in Type: 2, TUs: [TFL 19 : 1.5]

		Total	Conifer	Decid	F	C	H	B	Y	D
Utilization Limits										
Min DBH cm (M)					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
Top Dia cm (M)					15.0	15.0	15.0	15.0	15.0	15.0
Log Len m					10.0	10.0	10.0	10.0	10.0	10.0
Volume and Size Data										
Gross Merchantable	m3	1064	1064		112	171	361		419	
Net Merchantable	m3	815	815		103	102	336		275	
Net Merch - All	m3/ha	544	544		69	68	224		183	
Distribution	%	100	100		13	12	41		34	
Decay	%	13	13		3	26	1		20	
Waste	%	4	4		1	8			8	
Waste(billing)	%	6	6		1	13			12	
Breakage	%	6	6		5	7	6		7	
Total Cull (DWB)	%	23	23		8	40	7		34	
Basal Area / Ha	m2/ha	72.0	72.0		9.0	18.0	18.0		27.0	
Net VBAR	m3/m2	7.550	7.550		7.663	3.766	12.430		6.783	
Stems/Ha (Live & DP)		446.2	446.2		51.4	204.6	80.0		110.1	
Avg DBH (Live & DP)	cm	45.3	45.3		47.2	33.5	53.5		55.9	
Snags/Ha										
Avg Snag DBH	cm									
Gross Merch Vol/Tree	m3	1.59	1.59		1.46	0.56	3.01		2.54	
Net Merch Vol/Tree	m3	1.22	1.22		1.34	0.33	2.80		1.66	
Avg Weight Total Ht	m	30.9	30.9		27.3	25.8	35.4		30.4	
Avg Weight Merch Ht	m	24.3	24.3		21.1	19.2	27.7		23.7	
Avg 10.0 m Log Net	m3	0.69	0.69		0.71	0.32	0.99		0.74	
Avg 10.0 m Log Gross	m3	0.83	0.83		0.73	0.48	1.00		1.03	
Avg # of 10.0 m Logs/Tree		1.91	1.91		2.00	1.15	3.00		2.47	
Net Immature	%									
Net 2nd Growth	%									
Algorithm Grades %										
#2 Sawlog	H	28	28			39	55			
#4 Sawlog	J	63	63		100	41	34		94	
#5 Utility	U	7	7			20	11			
#6 Utility	X	2	2						6	
#7 Chipper	Y									
Statistical Summary										
Coeff. of Variation	%	45.3	45.3		141.4	26.5	141.4		5.1	
Two Standard Error	%	406.9	406.9		1270.6	238.0	1270.6		45.9	
Number and Type of Plots		MP = 2								
Number of Potential Trees		8								
Plots/Ha		1.3								
Cruised Trees/Plot		4.0								

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

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Type Summary

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 388
Project: CP 388

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: B
TFL: TFL 19
Region: 2 - West Coast
District: 05 - Campbell River

01-Dec-2018 11:03:37AM
Filename: cp 388.ccp
Compiled by: Western Forest Products Inc.
Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Net Area: Type 10 (I):W59: FH 540, Plots in Type: 5, TUs: [TFL 19 : 3.6]

		Total	Conifer	Decid	F	C	H	B	Y	D
Utilization Limits										
Min DBH cm (I)					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
Top Dia cm (I)					10.0	10.0	10.0	10.0	10.0	10.0
Log Len m					10.0	10.0	10.0	10.0	10.0	10.0
Volume and Size Data										
Gross Merchantable	m3	3079	3079		1974	171	934			
Net Merchantable	m3	2905	2905		1875	160	870			
Net Merch - All	m3/ha	807	807		521	44	242			
Distribution	%	100	100		65	5	30			
Decay	%	2	2		1	2	3			
Waste	%									
Waste(billing)	%									
Breakage	%	4	4		4	5	4			
Total Cull (DWB)	%	6	6		5	7	7			
Basal Area / Ha	m2/ha	75.6	75.6		46.8	7.2	21.6			
Net VBAR	m3/m2	10.315	10.315		11.131	6.158	11.183			
Stems/Ha (Live & DP)		606.0	606.0		290.9	134.6	180.5			
Avg DBH (Live & DP)	cm	39.9	39.9		45.3	26.1	39.0			
Snags/Ha										
Avg Snag DBH	cm									
Gross Merch Vol/Tree	m3	1.41	1.41		1.89	0.35	1.44			
Net Merch Vol/Tree	m3	1.33	1.33		1.79	0.33	1.34			
Avg Weight Total Ht	m	36.4	36.4		40.1	20.6	31.8			
Avg Weight Merch Ht	m	31.7	31.7		35.6	16.1	26.2			
Avg 10.0 m Log Net	m3	0.56	0.56		0.62	0.29	0.55			
Avg 10.0 m Log Gross	m3	0.57	0.57		0.63	0.30	0.56			
Avg # of 10.0 m Logs/Tree		2.47	2.47		3.01	1.18	2.55			
Net Immature	%	100.0	100.0		100.0	100.0	100.0			
Net 2nd Growth	%		100.0							
Algorithm Grades %										
#2 Sawlog	H	24	24		27		21			
#3 Sawlog	I	13	13		20					
#4 Sawlog	J	42	42		31	47	64			
#5 Utility	U	16	16		15	53	13			
#6 Utility	X	5	5		7		2			
Statistical Summary										
Coeff. of Variation	%	64.9	64.9		114.9	173.2	98.7			
Two Standard Error	%	77.2	77.2		128.8	358.4	102.1			
Number and Type of Plots		MP = 3	CP = 2							
Number of Potential Trees		12								
Plots/Ha		1.4								
Cruised Trees/Plot		4.2								

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

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Type Summary

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 388
Project: CP 388

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: B
TFL: TFL 19
Region: 2 - West Coast
District: 05 - Campbell River

01-Dec-2018 11:03:37AM
Filename: cp 388.ccp
Compiled by: Western Forest Products Inc.
Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Net Area: Type 11 (I):W59: HF(C) 540, Plots in Type: 4, TUs: [TFL 19 : 3.7]

		Total	Conifer	Decid	F	C	H	B	Y	D
Utilization Limits										
Min DBH cm (I)					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
Top Dia cm (I)					10.0	10.0	10.0	10.0	10.0	10.0
Log Len m					10.0	10.0	10.0	10.0	10.0	10.0
Volume and Size Data										
Gross Merchantable	m3	4814	4814		1553	1118	2144			
Net Merchantable	m3	3749	3749		1144	579	2026			
Net Merch - All	m3/ha	1013	1013		309	156	548			
Distribution	%	100	100		31	15	54			
Decay	%	13	13		16	31	1			
Waste	%	4	4		6	10				
Waste(billing)	%	6	6		9	20				
Breakage	%	5	5		4	7	4			
Total Cull (DWB)	%	22	22		26	48	5			
Basal Area / Ha	m2/ha	115.0	115.0		40.0	25.0	50.0			
Net VBAR	m3/m2	9.220	9.220		7.729	6.255	10.954			
Stems/Ha (Live & DP)		1127.7	1127.7		352.8	29.0	745.9			
Avg DBH (Live & DP)	cm	36.0	36.0		38.0	104.8	29.2			
Snags/Ha										
Avg Snag DBH	cm									
Gross Merch Vol/Tree	m3	1.15	1.15		1.19	10.41	0.78			
Net Merch Vol/Tree	m3	0.90	0.90		0.88	5.39	0.73			
Avg Weight Total Ht	m	36.1	36.1		36.3	47.1	30.3			
Avg Weight Merch Ht	m	29.0	29.0		29.4	42.6	23.6			
Avg 10.0 m Log Net	m3	0.38	0.38		0.34	1.42	0.33			
Avg 10.0 m Log Gross	m3	0.46	0.46		0.44	2.41	0.34			
Avg # of 10.0 m Logs/Tree		2.49	2.49		2.70	4.32	2.32			
Net Immature	%	76.6	76.6		73.8		100.0			
Net 2nd Growth	%		76.6							
Algorithm Grades %										
#3 Peeler	C	3	3		11					
#2 Sawlog	H	16	16		8	52	10			
#3 Sawlog	I	5	5		5	22				
#4 Sawlog	J	48	48		47		61			
#4 Shingle	M	2	2			14				
#5 Utility	U	20	20		17	11	25			
#6 Utility	X	6	6		12		4			
#7 Chipper	Y					1				
Statistical Summary										
Coeff. of Variation	%	70.4	70.4		67.4	16.3	87.9			
Two Standard Error	%	112.5	112.5		84.0	29.4	168.3			
Number and Type of Plots		MP = 2	CP = 2							
Number of Potential Trees		11								
Plots/Ha		1.1								
Cruised Trees/Plot		5.8								

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

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Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 388
Project: CP 388

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

Type Summary
FIZ: B
TFL: TFL 19
Region: 2 - West Coast
District: 05 - Campbell River

01-Dec-2018 11:03:37AM
Filename: cp 388.ccp
Compiled by: Western Forest Products Inc.
Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Net Area: Type 12 (I):W59: FH(C) 550, Plots in Type: 20, TUs: [TFL 19 : 16.1]

		Total	Conifer	Decid	F	C	H	B	Y	D
Utilization Limits										
Min DBH cm (I)					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
Top Dia cm (I)					10.0	10.0	10.0	10.0	10.0	10.0
Log Len m					10.0	10.0	10.0	10.0	10.0	10.0
Volume and Size Data										
Gross Merchantable	m3	19870	19870		10438	2692	6740			
Net Merchantable	m3	17028	17028		9143	1691	6193			
Net Merch - All	m3/ha	1058	1058		568	105	385			
Distribution	%	100	100		54	10	36			
Decay	%	7	7		6	23	3			
Waste	%	3	3		2	8	1			
Waste(billing)	%	3	3		3	12	1			
Breakage	%	5	5		4	6	4			
Total Cull (DWB)	%	14	14		12	37	8			
Basal Area / Ha	m2/ha	91.8	91.8		45.0	16.2	30.6			
Net VBAR	m3/m2	11.348	11.348		12.620	6.484	12.571			
Stems/Ha (Live & DP)		504.2	504.2		88.6	101.8	313.8			
Avg DBH (Live & DP)	cm	48.1	48.1		80.4	45.0	35.2			
Snags/Ha		6.9	6.9			6.9				
Avg Snag DBH	cm	57.6	57.6			57.6				
Gross Merch Vol/Tree	m3	2.45	2.45		7.32	1.64	1.33			
Net Merch Vol/Tree	m3	2.10	2.10		6.41	1.03	1.23			
Avg Weight Total Ht	m	45.4	45.4		51.5	41.4	37.8			
Avg Weight Merch Ht	m	40.7	40.7		47.5	35.1	32.4			
Avg 10.0 m Log Net	m3	0.86	0.86		1.46	0.49	0.61			
Avg 10.0 m Log Gross	m3	0.95	0.95		1.59	0.71	0.64			
Avg # of 10.0 m Logs/Tree		2.58	2.58		4.60	2.32	2.10			
Net Immature	%	78.0	78.0		79.8	39.4	85.8			
Net 2nd Growth	%		78.0							
Algorithm Grades %										
#1 Lum/#1 Prem	D	5	5		8	2				
#2 Lum/#1 Lum	F	1	1		1	1				
#2 Sawlog	H	33	33		33	29	34			
#3 Sawlog	I	22	22		32	7	13			
#4 Sawlog	J	23	23		16	12	35			
#2 Shingle	K	1	1			5				
#3 Shingle	L					4				
#4 Shingle	M					5				
#5 Utility	U	12	12		6	30	17			
#6 Utility	X	2	2		3		1			
#7 Chipper	Y	1	1		1	5				
Statistical Summary										
Coeff. of Variation	%	34.6	34.6		109.3	122.2	45.1			
Two Standard Error	%	21.8	21.8		39.8	71.9	34.3			
Number and Type of Plots		MP = 10	CP = 10							
Number of Potential Trees		54								
Plots/Ha		1.2								
Cruised Trees/Plot		5.1								

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

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Volume Statistical Analysis

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 388
Project: CP 388

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: B
TFL: TFL 19
Region: 2 - West Coast
District: 05 - Campbell River

01-Dec-2018 11:03:37AM
Filename: cp 388.ccp
Compiled by: Western Forest Products Inc.
Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

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)	10.00		

Forest Type	Plots Cnt	Plots Mea	Plots Tot	Area ha	Net Volume m3/ha	Proportional Volume	Trees Cnt	Trees Mea	Trees Tot	Standard Deviation	Coeff. of Variation	Sampling Error 1 SE%	Sampling Error 2 SE%
1 :K534: F(HD) 340	0	8	8	3.6	565.0	0.05	0	33	33	118.1419	20.9	7.4	17.5
2 :K534: FH 340	0	3	3	1.1	548.6	0.01	0	11	11	192.2724	35.0	20.2	87.1
3 :K537: F(H) 340	0	14	14	12.7	590.4	0.17	0	64	64	290.5643	49.2	13.2	28.4
4 :K537: F(H) 340	0	3	3	1.7	638.6	0.02	0	12	12	168.6869	26.4	15.3	65.6
5 :K585: FH 340	0	7	7	6.5	717.7	0.11	0	35	35	301.1205	42.0	15.9	38.8
6 :L33HL: HC 951	0	1	1	0.5	785.8	0.01	0	5	5	0.0000		0.0	0.0
7 :L33HL: C(FH) 941	0	2	2	2.1	638.5	0.03	0	11	11	85.6176	13.4	9.5	120.5
8 :L33HL: CH(F) 931	0	4	4	3.4	410.3	0.03	0	20	20	184.1251	44.9	22.4	71.4
9 :L33HL: HCy(FC) 941	0	2	2	1.5	543.6	0.02	0	8	8	246.1956	45.3	32.0	406.9
10 :W59: FH 540	2	3	5	3.6	806.8	0.06	9	12	21	482.1361	64.9	27.8	77.2
11 :W59: HF(C) 540	2	2	4	3.7	1013.2	0.09	12	11	23	713.6243	70.4	35.3	112.5
12 :W59: FH(C) 550	10	10	20	16.1	1057.6	0.40	48	54	102	381.6549	34.6	10.4	21.8
TOTAL	14	59	73	56.5	770.1		69	276	345		47.8	6.2	12.4

Number of live & dead potential trees sampled is 276
Number of dead useless trees sampled is 1
Number of live useless trees sampled is 0
The measured weighted sampling error is 14.4% at the 95% confidence level
The weighted sampling error is 12.4% 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
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 388
Project: CP 388

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: B
TFL: TFL 19
Region: 2 - West Coast
District: 05 - Campbell River

01-Dec-2018 11:03:37AM
Filename: cp 388.ccp
Compiled by: Western Forest Products Inc.
Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

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)	10.00		

Forest Type	Plots Cnt	Plots Mea	Plots Tot	Area ha	Basal Area m2/ha	Proportional Basal Area	Trees Cnt	Trees Mea	Trees Tot	Standard Deviation	Coeff. of Variation	Sampling Error 1 SE%	Sampling Error 2 SE%
1 :K534: F(HD) 340	0	8	8	3.6	57.8	0.05	0	33	33	11.6833	20.2	7.2	16.9
2 :K534: FH 340	0	3	3	1.1	51.3	0.01	0	11	11	16.1658	31.5	18.2	78.2
3 :K537: F(H) 340	0	14	14	12.7	64.0	0.18	0	64	64	34.1670	53.4	14.3	30.8
4 :K537: F(H) 340	0	3	3	1.7	56.0	0.02	0	12	12	14.0000	25.0	14.4	62.1
5 :K585: FH 340	0	7	7	6.5	70.0	0.10	0	35	35	30.2435	43.2	16.3	40.0
6 :L33HL: HC 951	0	1	1	0.5	100.0	0.01	0	5	5	0.0000		0.0	0.0
7 :L33HL: C(FH) 941	0	2	2	2.1	110.0	0.05	0	11	11	14.1421	12.9	9.1	115.5
8 :L33HL: CH(F) 931	0	4	4	3.4	80.0	0.06	0	20	20	29.2119	36.5	18.3	58.1
9 :L33HL: HCy(FC) 941	0	2	2	1.5	72.0	0.02	0	8	8	0.0000		0.0	0.0
10 :W59: FH 540	2	3	5	3.6	75.6	0.06	9	12	21	39.0231	51.6	23.1	64.1
11 :W59: HF(C) 540	2	2	4	3.7	115.0	0.10	12	11	23	52.5991	45.7	22.9	72.8
12 :W59: FH(C) 550	10	10	20	16.1	91.8	0.33	48	54	102	31.9335	34.8	7.8	16.3
TOTAL	14	59	73	56.5	79.0		69	276	345		42.4	5.0	9.9

Number of live & dead potential trees sampled is 276
Number of dead useless trees sampled is 1
Number of live useless trees sampled is 0
The measured weighted sampling error is 13.9% at the 95% confidence level
The weighted sampling error is 9.9% at the 95% confidence level

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

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Cutting Permit Stand Table (stems/ha)

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 388
Project: CP 388

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: B
TFL: TFL 19
Region: 2 - West Coast
District: 05 - Campbell River

01-Dec-2018 11:03:37AM
Filename: cp 388.ccp
Compiled by: Western Forest Products Inc.
Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

[TFL 19 : 56.5]

	F	C	H	B	Y	D	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	17.5
Stump Ht cm (M)	30.0	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	15.0
Min DBH cm (I)	12.0	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	30.0
Top Dia cm (I)	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Log Len m	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
DBH Class										
5										
10										
15			59.8				59.8	29.8		
20	10.4	7.0	31.2			10.4	59.0	3.3		
25	14.4	34.5	35.6			2.2	86.7	4.3		
30	66.3		58.3				124.6	19.5		
35	22.4		45.5				67.9	11.7		
40	24.8		14.8				39.7	2.9		
45	26.9	1.6	4.8	1.5	1.5		36.3	0.7		
50	13.9	6.7	8.9		1.3		30.7	2.9		
55	6.4	3.9	5.1				15.4	1.5		
60	4.5		3.7				8.2	4.2	2.0	
65	3.6	2.3	2.5				8.4			
70	5.7		2.9				8.6			
75	1.5		0.8	0.6			2.8	0.8		
80	3.6	1.4	1.1				6.1			
85	3.6	0.4					4.0			
90	1.7	0.7					2.4	1.3		
95	1.9	0.6					2.5	1.2		
100	0.3						0.3			
105		0.9					0.9	1.0		
110		0.2					0.2	1.2		
115										
120	0.3	0.3					0.7			
125								0.6		
130		0.6					0.6			
135		0.3					0.3			
140		0.2					0.2	0.2		
145	0.4						0.4			
150	0.4	0.1					0.5	0.2		
175	0.3	0.1			0.1		0.5			
200		0.1					0.1			
225										
250										
275										
Total	213.5	62.0	275.0	2.1	2.9	12.6	568.0			
Dead P	73.4	5.4	8.3					87.1		
Dead U		2.0							2.0	
Live U										
			Average DBH (cm) at 5 Levels							
12.5 +	45.0	46.8	31.6	53.5	55.9	21.3	39.0	40.5	57.6	
17.5 +	45.0	46.8	34.9	53.5	55.9	21.3	40.9	48.7	57.6	
22.5 +	45.9	49.1	36.8	53.5	55.9	25.4	42.9	49.9	57.6	
27.5 +	47.0	73.5	39.2	53.5	55.9		46.1	51.5	57.6	
32.5 +	54.1	73.5	43.9	53.5	55.9		52.5	61.7	57.6	

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

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Cutting Permit Stock Table (m3/ha)

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 388
Project: CP 388

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: B
TFL: TFL 19
Region: 2 - West Coast
District: 05 - Campbell River

01-Dec-2018 11:03:37AM
Filename: cp 388.ccp
Compiled by: Western Forest Products Inc.
Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

[TFL 19 : 56.5]

	F	C	H	B	Y	D	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	17.5
Stump Ht cm (M)	30.0	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	15.0
Min DBH cm (I)	12.0	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	30.0
Top Dia cm (I)	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Log Len m	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
DBH Class										
5										
10										
15			5.2				5.2	2.6		
20	2.5	1.0	7.3			3.1	14.0	0.8		
25	7.6	9.0	15.2			1.1	33.0	1.6		
30	42.2		43.8				86.0	11.7		
35	20.8		44.5				65.3	8.4		
40	30.4		19.1				49.5	5.1		
45	46.0	1.8	7.8	2.9	2.1		60.7	1.2		
50	28.9	4.2	24.4		2.5		60.0	6.8		
55	16.6	6.0	14.2				36.8	1.2		
60	15.6		15.9				31.5	11.9		
65	14.5	4.3	11.2				30.0			
70	26.3		16.8				43.1			
75	9.9		4.8	2.2			17.0	1.9		
80	25.3	2.8	8.5				36.6			
85	26.8	1.1					27.9			
90	15.0	2.2					17.1	4.5		
95	18.6	1.9					20.6	5.3		
100	2.9						2.9			
105		3.3					3.3	5.3		
110		0.9					0.9	7.7		
115										
120	4.1	1.6					5.7			
125								4.1		
130		5.7					5.7			
135		2.3					2.3			
140		1.8					1.8	1.8		
145	4.6						4.6			
150	9.8	0.9					10.7	1.8		
175	10.0	1.1			0.3		11.3			
200		3.0					3.0			
225										
250										
275										
Total	378.7	54.6	238.7	5.1	4.9	4.3	686.3			
Dead P	45.4	20.1	18.3					83.8		
			Volume (m3/ha) for 7 Levels							
17.5 +	378.7	54.6	233.5	5.1	4.9	4.3	681.1	81.2		
22.5 +	376.1	53.6	226.2	5.1	4.9	1.1	667.1	80.4		
27.5 +	368.5	44.6	211.0	5.1	4.9		634.1	78.8		
32.5 +	326.3	44.6	167.2	5.1	4.9		548.1	67.1		
37.5 +	305.5	44.6	122.7	5.1	4.9		482.8	58.7		
42.5 +	275.0	44.6	103.6	5.1	4.9		433.3	53.6		
47.5 +	229.0	42.8	95.8	2.2	2.8		372.6	52.4		

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

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Cutting Permit Basal Area Table (m2/ha)

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 388
Project: CP 388

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: B
TFL: TFL 19
Region: 2 - West Coast
District: 05 - Campbell River

01-Dec-2018 11:03:37AM
Filename: cp 388.ccp
Compiled by: Western Forest Products Inc.
Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

[TFL 19 : 56.5]

	F	C	H	B	Y	D	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	17.5
Stump Ht cm (M)	30.0	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	15.0
Min DBH cm (I)	12.0	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	30.0
Top Dia cm (I)	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Log Len m	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
DBH Class										
5										
10										
15			1.1				1.1	0.6		
20	0.3	0.2	1.0			0.3	1.9	0.1		
25	0.8	1.7	1.6			0.1	4.3	0.2		
30	4.7		4.3				8.9	1.3		
35	2.2		4.2				6.4	1.1		
40	3.1		1.9				4.9	0.4		
45	4.4	0.2	0.7	0.2	0.2		5.8	0.1		
50	2.7	1.2	1.8		0.2		6.0	0.5		
55	1.5	0.9	1.2				3.6	0.4		
60	1.2		1.1				2.3	1.2	0.5	
65	1.1	0.7	0.8				2.7			
70	2.2		1.1				3.3			
75	0.7		0.4	0.2			1.3	0.4		
80	1.8	0.7	0.5				3.0			
85	2.0	0.2					2.3			
90	1.1	0.4					1.5	0.8		
95	1.3	0.4					1.8	0.9		
100	0.2						0.2			
105		0.7					0.7	0.8		
110		0.2					0.2	1.1		
115										
120	0.4	0.4					0.7			
125								0.7		
130		0.8					0.8			
135		0.4					0.4			
140		0.4					0.4	0.4		
145	0.7						0.7			
150	0.7	0.2					0.9	0.4		
175	0.7	0.2			0.2		1.2			
200		0.4					0.4			
225										
250										
275										
Total	33.9	10.6	21.6	0.5	0.7	0.4	67.8			
Dead P	6.1	3.5	1.6					11.2		
Dead U		0.5							0.5	
Live U										
			Basal Area (m2/ha) at 5 Levels							
12.5 +	33.9	10.6	21.6	0.5	0.7	0.4	67.8	11.2	0.5	
17.5 +	33.9	10.6	20.5	0.5	0.7	0.4	66.7	10.7	0.5	
22.5 +	33.6	10.4	19.5	0.5	0.7	0.1	64.8	10.6	0.5	
27.5 +	32.8	8.7	17.9	0.5	0.7		60.5	10.3	0.5	
32.5 +	28.1	8.7	13.6	0.5	0.7		51.6	9.0	0.5	

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: MOF Computerized | FIZ: B | 01-Dec-2018 11:03:37AM
WESTERN FOREST PRODUCTS INC. | Computerized Decay | TFL: TFL 19 | Filename: cp 388.ccp
Licence Number: TFL 19 CP: 388 | Computerized Waste | Region: 2 - West Coast | Compiled by: Western Forest Products Inc.
Project: CP 388 | Computerized Breakage | District: 05 - Campbell River | Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Block : (M) - 33H:L33HL, Plots in Block: 9, TUs: [TFL 19 : 7.5]

	F	C	H	B	Y	D	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	17.5
Stump Ht cm (M)	30.0	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	15.0
Log Len m	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
DBH Class										
5										
10										
15										
20										
25		79.0					79.0			
30			39.9				39.9			
35			19.9				19.9			
40			14.6				14.6			
45	10.3		12.7		11.6		34.5			
50		50.2	8.3		9.6		68.1			
55		15.6	27.0				42.6	11.2		
60										
65		17.2					17.2			
70										
75				4.2			4.2	6.0		
80		10.6	2.8				13.4			
85		3.0					3.0			
90										
95										
100	2.4						2.4			
105		6.8					6.8			
110		1.9					1.9			
115										
120	2.6	2.4					5.0			
125										
130										
135										
140		1.9					1.9	1.8		
145										
150		0.7					0.7	1.4		
175		0.8			0.8		1.6			
200										
225										
250										
275										
Total	15.2	190.0	125.1	4.2	22.0		356.6			
Dead P		20.4						20.4		
Dead U										
Live U										
			Average DBH (cm) at 5 Levels							
12.5 +	73.2	55.1	43.0	74.4	55.9		52.5	83.1		
17.5 +	73.2	55.1	43.0	74.4	55.9		52.5	83.1		
22.5 +	73.2	55.1	43.0	74.4	55.9		52.5	83.1		
27.5 +	73.2	69.1	43.0	74.4	55.9		58.0	83.1		
32.5 +	73.2	69.1	47.3	74.4	55.9		61.4	83.1		

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: MOF Computerized | FIZ: B | 01-Dec-2018 11:03:37AM
WESTERN FOREST PRODUCTS INC. | Computerized Decay | TFL: TFL 19 | Filename: cp 388.ccp
Licence Number: TFL 19 CP: 388 | Computerized Waste | Region: 2 - West Coast | Compiled by: Western Forest Products Inc.
Project: CP 388 | Computerized Breakage | District: 05 - Campbell River | Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Block : (I) - 534:K534, Plots in Block: 11, TUs: [TFL 19 : 4.7]

	F	C	H	B	Y	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	12.0
Stump Ht cm (I)	30.0	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	10.0
Log Len m	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
DBH Class										
5										
10										
15			65.8				65.8	82.3		
20	47.3					124.5	171.8	40.2		
25	27.3		27.3			26.5	81.1			
30			65.6				65.6	35.2		
35	24.3						24.3			
40	41.5		20.4				61.9			
45	72.3		7.3				79.5	8.8		
50	25.4						25.4			
55	27.8						27.8			
60										
65										
70										
75										
80										
85										
90										
95										
100										
105										
110										
115										
120										
125										
130										
135										
140										
145										
150										
175										
200										
225										
250										
275										
Total	265.9		186.4			151.0	603.3			
Dead P	166.5							166.5		
Dead U										
Live U										
			Average DBH (cm) at 5 Levels							
12.5 +	39.8		27.8			21.3	32.4	22.2		
17.5 +	39.8		32.5			21.3	33.9	27.8		
22.5 +	43.0		32.5			25.4	38.7	33.0		
27.5 +	45.0		34.3				41.8	33.0		
32.5 +	45.0		41.7				44.6	44.1		

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: MOF Computerized | FIZ: B | 01-Dec-2018 11:03:37AM
WESTERN FOREST PRODUCTS INC. | Computerized Decay | TFL: TFL 19 | Filename: cp 388.ccp
Licence Number: TFL 19 CP: 388 | Computerized Waste | Region: 2 - West Coast | Compiled by: Western Forest Products Inc.
Project: CP 388 | Computerized Breakage | District: 05 - Campbell River | Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Block : (I) - 537:K537, Plots in Block: 17, TUs: [TFL 19 : 14.4]

	F	C	H	B	Y	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	12.0
Stump Ht cm (I)	30.0	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	10.0
Log Len m	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
DBH Class										
5										
10										
15			46.7				46.7	90.0		
20	25.5						25.5			
25	15.2		21.6				36.8	16.9		
30	187.9		74.0				261.9	38.1		
35	61.2		17.0				78.2	8.7		
40	62.6		20.0				82.7			
45	49.9			6.0			55.9			
50	32.4						32.4			
55	4.8						4.8			
60	2.0						2.0			
65										
70										
75										
80										
85										
90										
95										
100										
105										
110										
115										
120										
125										
130										
135										
140										
145										
150										
175										
200										
225										
250										
275										
Total	441.6		179.3	6.0			626.9			
Dead P	153.6							153.6		
Dead U										
Live U										
			Average DBH (cm) at 5 Levels							
12.5 +	36.0		28.1	43.4			34.0	22.6		
17.5 +	36.0		31.4	43.4			35.1	29.7		
22.5 +	36.7		31.4	43.4			35.6	29.7		
27.5 +	37.0		32.8	43.4			36.2	31.0		
32.5 +	42.3		37.5	43.4			41.6	36.0		

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: MOF Computerized | FIZ: B | 01-Dec-2018 11:03:37AM
WESTERN FOREST PRODUCTS INC. | Computerized Decay | TFL: TFL 19 | Filename: cp 388.ccp
Licence Number: TFL 19 CP: 388 | Computerized Waste | Region: 2 - West Coast | Compiled by: Western Forest Products Inc.
Project: CP 388 | Computerized Breakage | District: 05 - Campbell River | Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Block : (I) - 585:K585, Plots in Block: 7, TUs: [TFL 19 : 6.5]

	F	C	H	B	Y	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	12.0
Stump Ht cm (I)	30.0	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	10.0
Log Len m	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
DBH Class										
5										
10										
15										
20			126.3				126.3			
25	71.9		165.7				237.6			
30			50.3				50.3			
35	41.9		121.7				163.6			
40	47.1						47.1			
45	24.5						24.5			
50	30.7		20.4				51.1			
55	24.7						24.7			
60										
65	12.6						12.6			
70	10.4						10.4			
75										
80										
85										
90										
95										
100										
105										
110										
115										
120										
125										
130										
135										
140										
145										
150										
175										
200										
225										
250										
275										
Total	263.8		484.3				748.1			
Dead P										
Dead U										
Live U										
			Average DBH (cm) at 5 Levels							
12.5 +	42.8		29.0				34.5			
17.5 +	42.8		29.0				34.5			
22.5 +	42.8		31.6				36.8			
27.5 +	47.5		36.4				42.3			
32.5 +	47.5		37.9				43.7			

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: MOF Computerized | FIZ: B | 01-Dec-2018 11:03:37AM
WESTERN FOREST PRODUCTS INC. | Computerized Decay | TFL: TFL 19 | Filename: cp 388.ccp
Licence Number: TFL 19 CP: 388 | Computerized Waste | Region: 2 - West Coast | Compiled by: Western Forest Products Inc.
Project: CP 388 | Computerized Breakage | District: 05 - Campbell River | Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Block : (I) - W59:W59, Plots in Block: 29, TUs: [TFL 19 : 23.4]

	F	C	H	B	Y	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	12.0
Stump Ht cm (I)	30.0	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	10.0
Log Len m	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
DBH Class										
5										
10										
15			102.3				102.3			
20		16.9	40.3				57.3			
25		58.0	21.1				79.1			
30	44.5		55.3				99.8	16.5		
35			59.1				59.1	22.8		
40			14.7				14.7	7.0		
45	9.6	3.8	6.1				19.4			
50			13.1				13.1	6.9		
55		4.4	3.7				8.2			
60	9.6		9.0				18.6	10.1	4.8	
65	5.2		6.0				11.2			
70	10.9		7.0				17.9			
75	3.6		1.9				5.5			
80	8.6		1.9				10.5			
85	8.8						8.8			
90	4.2	1.7					5.9	3.1		
95	4.7	1.4					6.1	2.9		
100										
105								2.4		
110								2.9		
115										
120										
125								1.3		
130		1.5					1.5			
135		0.7					0.7			
140										
145	1.0						1.0			
150	0.9						0.9			
175	0.7						0.7			
200		0.3					0.3			
225										
250										
275										
Total	112.3	88.8	341.5				542.5			
Dead P	49.2	6.6	20.1					75.9		
Dead U		4.8							4.8	
Live U										
			Average DBH (cm) at 5 Levels							
12.5 +	63.0	40.1	32.5				41.8	55.7	57.6	
17.5 +	63.0	40.1	37.6				45.9	55.7	57.6	
22.5 +	63.0	43.4	40.2				48.5	55.7	57.6	
27.5 +	63.0	83.8	41.8				53.0	55.7	57.6	
32.5 +	77.3	83.8	46.1				61.1	61.2	57.6	

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
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 388
Project: CP 388

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: B
TFL: TFL 19
Region: 2 - West Coast
District: 05 - Campbell River

01-Dec-2018 11:03:37AM
Filename: cp 388.ccp
Compiled by: Western Forest Products Inc.
Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Block : (M) - 33H:L33HL, Plots in Block: 9, TUs: [TFL 19 : 7.5]

	F	C	H	B	Y	D	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	17.5
Stump Ht cm (M)	30.0	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	15.0
Log Len m	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
DBH Class										
5										
10										
15										
20										
25		8.4					8.4			
30			24.2				24.2			
35			14.0				14.0			
40			11.4				11.4			
45	13.8		8.8		15.5		38.0			
50		31.4	23.1		19.0		73.5			
55		15.6	65.4				81.0	9.3		
60										
65		32.0					32.0			
70										
75				16.9			16.9	14.2		
80		20.8	20.0				40.8			
85		8.0					8.0			
90										
95										
100	21.8						21.8			
105		24.5					24.5			
110		7.1					7.1			
115										
120	30.8	11.9					42.7			
125										
130										
135										
140		13.7					13.7	13.6		
145										
150		6.6					6.6	13.9		
175		7.9			2.2		10.1			
200										
225										
250										
275										
Total	66.4	188.1	166.8	16.9	36.6		474.9			
Dead P		51.0						51.0		
			Volume (m3/ha) for 7 Levels							
17.5 +	66.4	188.1	166.8	16.9	36.6		474.9	51.0		
22.5 +	66.4	188.1	166.8	16.9	36.6		474.9	51.0		
27.5 +	66.4	179.7	166.8	16.9	36.6		466.5	51.0		
32.5 +	66.4	179.7	142.6	16.9	36.6		442.3	51.0		
37.5 +	66.4	179.7	128.7	16.9	36.6		428.4	51.0		
42.5 +	66.4	179.7	117.3	16.9	36.6		417.0	51.0		
47.5 +	52.6	179.7	108.5	16.9	21.1		378.9	51.0		

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
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 388
Project: CP 388

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: B
TFL: TFL 19
Region: 2 - West Coast
District: 05 - Campbell River

01-Dec-2018 11:03:37AM
Filename: cp 388.ccp
Compiled by: Western Forest Products Inc.
Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Block : (I) - 534:K534, Plots in Block: 11, TUs: [TFL 19 : 4.7]

	F	C	H	B	Y	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	12.0
Stump Ht cm (I)	30.0	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	10.0
Log Len m	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
DBH Class										
5										
10										
15			6.0				6.0	7.1		
20	10.6					37.6	48.1	9.5		
25	14.0		13.0			13.7	40.8			
30			52.5				52.5	22.1		
35	20.0						20.0			
40	57.6		28.1				85.6			
45	120.1		12.0				132.1	14.8		
50	53.3						53.3			
55	69.3						69.3			
60										
65										
70										
75										
80										
85										
90										
95										
100										
105										
110										
115										
120										
125										
130										
135										
140										
145										
150										
175										
200										
225										
250										
275										
Total	344.8		111.6			51.3	507.7			
Dead P	53.5							53.5		
			Volume (m3/ha) for 7 Levels							
17.5 +	344.8		105.6			51.3	501.7	46.4		
22.5 +	334.2		105.6			13.7	453.5	36.9		
27.5 +	320.2		92.5				412.8	36.9		
32.5 +	320.2		40.0				360.3	14.8		
37.5 +	300.3		40.0				340.3	14.8		
42.5 +	242.7		12.0				254.6	14.8		
47.5 +	122.6						122.6			

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
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 388
Project: CP 388

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: B
TFL: TFL 19
Region: 2 - West Coast
District: 05 - Campbell River

01-Dec-2018 11:03:37AM
Filename: cp 388.ccp
Compiled by: Western Forest Products Inc.
Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Block : (I) - 537:K537, Plots in Block: 17, TUs: [TFL 19 : 14.4]

	F	C	H	B	Y	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	12.0
Stump Ht cm (I)	30.0	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	10.0
Log Len m	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
DBH Class										
5										
10										
15			5.5				5.5	8.1		
20	6.4						6.4			
25	6.6		7.2				13.8	6.5		
30	119.6		49.0				168.6	22.0		
35	58.4		14.8				73.2	7.4		
40	74.7		28.6				103.3			
45	83.5			11.4			94.9			
50	67.5						67.5			
55	12.6						12.6			
60	6.4						6.4			
65										
70										
75										
80										
85										
90										
95										
100										
105										
110										
115										
120										
125										
130										
135										
140										
145										
150										
175										
200										
225										
250										
275										
Total	435.8		105.1	11.4			552.2			
Dead P	43.9							43.9		
			Volume (m3/ha) for 7 Levels							
17.5 +	435.8		99.6	11.4			546.8	35.8		
22.5 +	429.3		99.6	11.4			540.3	35.8		
27.5 +	422.8		92.4	11.4			526.5	29.4		
32.5 +	303.2		43.4	11.4			357.9	7.4		
37.5 +	244.8		28.6	11.4			284.7			
42.5 +	170.1			11.4			181.4			
47.5 +	86.5						86.5			

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
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 388
Project: CP 388

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: B
TFL: TFL 19
Region: 2 - West Coast
District: 05 - Campbell River

01-Dec-2018 11:03:37AM
Filename: cp 388.ccp
Compiled by: Western Forest Products Inc.
Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Block : (I) - 585:K585, Plots in Block: 7, TUs: [TFL 19 : 6.5]

	F	C	H	B	Y	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	12.0
Stump Ht cm (I)	30.0	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	10.0
Log Len m	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
DBH Class										
5										
10										
15										
20			31.0				31.0			
25	41.8		77.3				119.1			
30			40.0				40.0			
35	37.2		131.6				168.8			
40	57.5						57.5			
45	38.7						38.7			
50	63.1		49.9				113.0			
55	66.6						66.6			
60										
65	44.0						44.0			
70	39.0						39.0			
75										
80										
85										
90										
95										
100										
105										
110										
115										
120										
125										
130										
135										
140										
145										
150										
175										
200										
225										
250										
275										
Total	387.9		329.8				717.7			
Dead P										
			Volume (m3/ha) for 7 Levels							
17.5 +	387.9		329.8				717.7			
22.5 +	387.9		298.8				686.7			
27.5 +	346.1		221.5				567.5			
32.5 +	346.1		181.4				527.5			
37.5 +	308.8		49.9				358.7			
42.5 +	251.4		49.9				301.2			
47.5 +	212.7		49.9				262.6			

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
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 388
Project: CP 388

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: B
TFL: TFL 19
Region: 2 - West Coast
District: 05 - Campbell River

01-Dec-2018 11:03:37AM
Filename: cp 388.ccp
Compiled by: Western Forest Products Inc.
Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Block : (I) - W59:W59, Plots in Block: 29, TUs: [TFL 19 : 23.4]

	F	C	H	B	Y	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	12.0
Stump Ht cm (I)	30.0	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	10.0
Log Len m	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
DBH Class										
5										
10										
15			8.0				8.0			
20		2.5	9.1				11.5			
25		19.0	8.2				27.3			
30	28.3		46.1				74.4	10.3		
35			57.3				57.3	15.7		
40			19.2				19.2	12.2		
45	20.5	4.4	13.7				38.6			
50			37.6				37.6	16.4		
55		9.5	13.2				22.7			
60	33.7		38.3				72.0	28.6		
65	22.9		27.0				49.9			
70	52.7		40.6				93.3			
75	24.0		11.6				35.6			
80	61.1		14.2				75.3			
85	64.8						64.8			
90	36.1	5.3					41.4	10.9		
95	45.0	4.7					49.6	12.8		
100										
105								12.9		
110								18.5		
115										
120										
125								10.0		
130		13.8					13.8			
135		5.5					5.5			
140										
145	11.2						11.2			
150	23.6						23.6			
175	24.0						24.0			
200		7.2					7.2			
225										
250										
275										
Total	447.9	71.6	344.2				863.7			
Dead P	71.9	32.2	44.2					148.3		
			Volume (m3/ha) for 7 Levels							
17.5 +	447.9	71.6	336.2				855.7	148.3		
22.5 +	447.9	69.2	327.2				844.2	148.3		
27.5 +	447.9	50.2	318.9				817.0	148.3		
32.5 +	419.6	50.2	272.8				742.6	138.0		
37.5 +	419.6	50.2	215.5				685.3	122.3		
42.5 +	419.6	50.2	196.3				666.1	110.1		
47.5 +	399.1	45.8	182.6				627.5	110.1		

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 | Grades: MOF Computerized | FIZ: B | 01-Dec-2018 11:03:37AM
WESTERN FOREST PRODUCTS INC. | Computerized Decay | TFL: TFL 19 | Filename: cp 388.ccp
Licence Number: TFL 19 CP: 388 | Computerized Waste | Region: 2 - West Coast | Compiled by: Western Forest Products Inc.
Project: CP 388 | Computerized Breakage | District: 05 - Campbell River | Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Block : (M) - 33H:L33HL, Plots in Block: 9, TUs: [TFL 19 : 7.5]

	F	C	H	B	Y	D	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	17.5
Stump Ht cm (M)	30.0	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	15.0
Log Len m	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
DBH Class										
5										
10										
15										
20										
25		3.6					3.6			
30			3.1				3.1			
35			1.8				1.8			
40			1.8				1.8			
45	1.8		1.8		1.8		5.4			
50		9.1	1.8		1.8		12.7			
55		3.6	6.4				10.0	2.8		
60										
65		5.6					5.6			
70										
75				1.8			1.8	2.7		
80		5.4	1.3				6.8			
85		1.8					1.8			
90										
95										
100	1.8						1.8			
105		5.6					5.6			
110		1.8					1.8			
115										
120	2.8	2.8					5.6			
125										
130										
135										
140		2.8					2.8	2.8		
145										
150		1.3					1.3	2.8		
175		1.8			1.8		3.6			
200										
225										
250										
275										
Total	6.4	45.3	18.1	1.8	5.4		77.1			
Dead P		11.1						11.1		
Dead U										
Live U										
		Basal Area (m2/ha) at 5 Levels								
12.5 +	6.4	45.3	18.1	1.8	5.4		77.1	11.1		
17.5 +	6.4	45.3	18.1	1.8	5.4		77.1	11.1		
22.5 +	6.4	45.3	18.1	1.8	5.4		77.1	11.1		
27.5 +	6.4	41.7	18.1	1.8	5.4		73.5	11.1		
32.5 +	6.4	41.7	15.0	1.8	5.4		70.3	11.1		

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 | Grades: MOF Computerized | FIZ: B | 01-Dec-2018 11:03:37AM
WESTERN FOREST PRODUCTS INC. | Computerized Decay | TFL: TFL 19 | Filename: cp 388.ccp
Licence Number: TFL 19 CP: 388 | Computerized Waste | Region: 2 - West Coast | Compiled by: Western Forest Products Inc.
Project: CP 388 | Computerized Breakage | District: 05 - Campbell River | Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Block : (I) - 534:K534, Plots in Block: 11, TUs: [TFL 19 : 4.7]

	F	C	H	B	Y	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	12.0
Stump Ht cm (I)	30.0	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	10.0
Log Len m	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
DBH Class										
5										
10										
15			1.3				1.3	1.3		
20	1.3					4.0	5.4	1.3		
25	1.3		1.3			1.3	4.0			
30			4.9				4.9	2.4		
35	2.2						2.2			
40	5.4		2.7				8.0			
45	11.3		1.1				12.4	1.3		
50	4.9						4.9			
55	6.7						6.7			
60										
65										
70										
75										
80										
85										
90										
95										
100										
105										
110										
115										
120										
125										
130										
135										
140										
145										
150										
175										
200										
225										
250										
275										
Total	33.1		11.3			5.4	49.8			
Dead P	6.5							6.5		
Dead U										
Live U										
			Basal Area (m2/ha) at 5 Levels							
12.5 +	33.1		11.3			5.4	49.8	6.5		
17.5 +	33.1		10.0			5.4	48.5	5.1		
22.5 +	31.8		10.0			1.3	43.1	3.8		
27.5 +	30.4		8.6				39.1	3.8		
32.5 +	30.4		3.8				34.2	1.3		

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 | Grades: MOF Computerized | FIZ: B | 01-Dec-2018 11:03:37AM
WESTERN FOREST PRODUCTS INC. | Computerized Decay | TFL: TFL 19 | Filename: cp 388.ccp
Licence Number: TFL 19 CP: 388 | Computerized Waste | Region: 2 - West Coast | Compiled by: Western Forest Products Inc.
Project: CP 388 | Computerized Breakage | District: 05 - Campbell River | Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Block : (I) - 537:K537, Plots in Block: 17, TUs: [TFL 19 : 14.4]

	F	C	H	B	Y	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	12.0
Stump Ht cm (I)	30.0	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	10.0
Log Len m	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
DBH Class										
5										
10										
15			0.9				0.9	1.8		
20	0.9						0.9			
25	0.9		0.9				1.8	0.9		
30	13.2		5.3				18.5	2.6		
35	6.2		1.4				7.6	0.9		
40	7.6		2.6				10.3			
45	8.0			0.9			8.9			
50	6.4						6.4			
55	1.1						1.1			
60	0.6						0.6			
65										
70										
75										
80										
85										
90										
95										
100										
105										
110										
115										
120										
125										
130										
135										
140										
145										
150										
175										
200										
225										
250										
275										
Total	44.9		11.1	0.9			56.9			
Dead P	6.2							6.2		
Dead U										
Live U										
			Basal Area (m2/ha) at 5 Levels							
12.5 +	44.9		11.1	0.9			56.9	6.2		
17.5 +	44.9		10.3	0.9			56.0	4.4		
22.5 +	44.0		10.3	0.9			55.1	4.4		
27.5 +	43.1		9.4	0.9			53.4	3.5		
32.5 +	29.9		4.1	0.9			34.8	0.9		

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 | Grades: MOF Computerized | FIZ: B | 01-Dec-2018 11:03:37AM
WESTERN FOREST PRODUCTS INC. | Computerized Decay | TFL: TFL 19 | Filename: cp 388.ccp
Licence Number: TFL 19 CP: 388 | Computerized Waste | Region: 2 - West Coast | Compiled by: Western Forest Products Inc.
Project: CP 388 | Computerized Breakage | District: 05 - Campbell River | Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Block : (I) - 585:K585, Plots in Block: 7, TUs: [TFL 19 : 6.5]

	F	C	H	B	Y	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	12.0
Stump Ht cm (I)	30.0	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	10.0
Log Len m	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
DBH Class										
5										
10										
15										
20			4.0				4.0			
25	4.0		8.0				12.0			
30			4.0				4.0			
35	4.0		12.0				16.0			
40	6.0						6.0			
45	4.0						4.0			
50	6.0		4.0				10.0			
55	6.0						6.0			
60										
65	4.0						4.0			
70	4.0						4.0			
75										
80										
85										
90										
95										
100										
105										
110										
115										
120										
125										
130										
135										
140										
145										
150										
175										
200										
225										
250										
275										
Total	38.0		32.0				70.0			
Dead P										
Dead U										
Live U										

Basal Area (m2/ha) at 5 Levels

12.5 +	38.0		32.0				70.0			
17.5 +	38.0		32.0				70.0			
22.5 +	38.0		28.0				66.0			
27.5 +	34.0		20.0				54.0			
32.5 +	34.0		16.0				50.0			

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 | Grades: MOF Computerized | FIZ: B | 01-Dec-2018 11:03:37AM
WESTERN FOREST PRODUCTS INC. | Computerized Decay | TFL: TFL 19 | Filename: cp 388.ccp
Licence Number: TFL 19 CP: 388 | Computerized Waste | Region: 2 - West Coast | Compiled by: Western Forest Products Inc.
Project: CP 388 | Computerized Breakage | District: 05 - Campbell River | Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Block : (I) - W59:W59, Plots in Block: 29, TUs: [TFL 19 : 23.4]

	F	C	H	B	Y	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	12.0
Stump Ht cm (I)	30.0	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	10.0
Log Len m	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
DBH Class										
5										
10										
15			1.8				1.8			
20		0.6	1.3				1.9			
25		3.0	0.9				3.9			
30	3.1		4.0				7.1	1.0		
35			5.3				5.3	2.1		
40			1.8				1.8	0.9		
45	1.6	0.6	0.9				3.1			
50			2.6				2.6	1.3		
55		1.0	0.9				1.9			
60	2.7		2.6				5.3	2.8	1.2	
65	1.6		2.0				3.6			
70	4.3		2.6				6.9			
75	1.6		0.9				2.5			
80	4.3		0.9				5.2			
85	4.9						4.9			
90	2.7	1.0					3.7	2.0		
95	3.3	1.0					4.3	2.1		
100										
105								2.0		
110								2.6		
115										
120										
125								1.6		
130		2.0					2.0			
135		1.0					1.0			
140										
145	1.6						1.6			
150	1.6						1.6			
175	1.6						1.6			
200		1.0					1.0			
225										
250										
275										
Total	35.0	11.2	28.3				74.5			
Dead P	9.5	5.0	3.9					18.5		
Dead U		1.2							1.2	
Live U										
			Basal Area (m2/ha) at 5 Levels							
12.5 +	35.0	11.2	28.3				74.5	18.5	1.2	
17.5 +	35.0	11.2	26.6				72.7	18.5	1.2	
22.5 +	35.0	10.6	25.3				70.9	18.5	1.2	
27.5 +	35.0	7.6	24.4				66.9	18.5	1.2	
32.5 +	31.8	7.6	20.4				59.8	17.5	1.2	

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

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Type Stand Table (stems/ha)

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 388
Project: CP 388

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: B
TFL: TFL 19
Region: 2 - West Coast
District: 05 - Campbell River

01-Dec-2018 11:03:37AM
Filename: cp 388.ccp
Compiled by: Western Forest Products Inc.
Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Type 1 (I):K534: F(HD) 340, Plots in Type: 8, TUs: [TFL 19 : 3.6]

	F	C	H	B	Y	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	12.0
Stump Ht cm (I)	30.0	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	10.0
Log Len m	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
DBH Class										
5										
10										
15			86.0				86.0	107.5		
20	61.7					162.5	224.3	52.5		
25	35.7		35.7			34.5	105.8			
30			50.2				50.2	24.0		
35										
40	54.2		26.6				80.8			
45	66.5						66.5	11.5		
50	18.0						18.0			
55	36.3						36.3			
60										
65										
70										
75										
80										
85										
90										
95										
100										
105										
110										
115										
120										
125										
130										
135										
140										
145										
150										
175										
200										
225										
250										
275										
Total	272.3		198.4			197.1	667.8			
Dead P	195.4							195.4		
Dead U										
Live U										
			Average DBH (cm) at 5 Levels							
12.5 +	39.4		26.0			21.3	31.1	21.4		
17.5 +	39.4		31.5			21.3	32.7	27.6		
22.5 +	43.6		31.5			25.4	38.7	35.5		
27.5 +	46.5		34.1				43.1	35.5		
32.5 +	46.5		40.9				45.8	44.1		

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

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Type Stand Table (stems/ha)

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 388
Project: CP 388

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: B
TFL: TFL 19
Region: 2 - West Coast
District: 05 - Campbell River

01-Dec-2018 11:03:37AM
Filename: cp 388.ccp
Compiled by: Western Forest Products Inc.
Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Type 2 (I):K534: FH 340, Plots in Type: 3, TUs: [TFL 19 : 1.1]

	F	C	H	B	Y	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	12.0
Stump Ht cm (I)	30.0	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	10.0
Log Len m	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
DBH Class										
5										
10										
15										
20										
25										
30			116.1				116.1	72.1		
35	103.7						103.7			
40										
45	91.2		31.1				122.3			
50	49.9						49.9			
55										
60										
65										
70										
75										
80										
85										
90										
95										
100										
105										
110										
115										
120										
125										
130										
135										
140										
145										
150										
175										
200										
225										
250										
275										
Total	244.8		147.2				392.0			
Dead P	72.1							72.1		
Dead U										
Live U										
			Average DBH (cm) at 5 Levels							
12.5 +	41.2		34.8				38.9	28.7		
17.5 +	41.2		34.8				38.9	28.7		
22.5 +	41.2		34.8				38.9	28.7		
27.5 +	41.2		34.8				38.9	28.7		
32.5 +	41.2		43.7				41.5			

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

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Type Stand Table (stems/ha)

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 388
Project: CP 388

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: B
TFL: TFL 19
Region: 2 - West Coast
District: 05 - Campbell River

01-Dec-2018 11:03:37AM
Filename: cp 388.ccp
Compiled by: Western Forest Products Inc.
Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Type 3 (I):K537: F(H) 340, Plots in Type: 14, TUs: [TFL 19 : 12.7]

	F	C	H	B	Y	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	12.0
Stump Ht cm (I)	30.0	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	10.0
Log Len m	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
DBH Class										
5										
10										
15			53.0				53.0	102.0		
20	28.9						28.9			
25	17.2		24.5				41.7	19.1		
30	213.1		83.9				296.9	43.2		
35	69.4		12.1				81.4	9.8		
40	66.3		22.7				89.0			
45	36.2			6.8			43.0			
50	30.4						30.4			
55										
60										
65										
70										
75										
80										
85										
90										
95										
100										
105										
110										
115										
120										
125										
130										
135										
140										
145										
150										
175										
200										
225										
250										
275										
Total	461.4		196.1	6.8			664.3			
Dead P	174.2							174.2		
Dead U										
Live U										
			Average DBH (cm) at 5 Levels							
12.5 +	34.8		27.9	43.4			33.1	22.6		
17.5 +	34.8		31.3	43.4			34.2	29.7		
22.5 +	35.6		31.3	43.4			34.7	29.7		
27.5 +	35.9		32.8	43.4			35.3	31.0		
32.5 +	41.2		38.3	43.4			40.9	36.0		

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

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Type Stand Table (stems/ha)

Average Line Method | Grades: MOF Computerized | FIZ: B | 01-Dec-2018 11:03:37AM
WESTERN FOREST PRODUCTS INC. | Computerized Decay | TFL: TFL 19 | Filename: cp 388.ccp
Licence Number: TFL 19 CP: 388 | Computerized Waste | Region: 2 - West Coast | Compiled by: Western Forest Products Inc.
Project: CP 388 | Computerized Breakage | District: 05 - Campbell River | Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Type 4 (I):K537: F(H) 340, Plots in Type: 3, TUs: [TFL 19 : 1.7]

	F	C	H	B	Y	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	12.0
Stump Ht cm (I)	30.0	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	10.0
Log Len m	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
DBH Class										
5										
10										
15										
20										
25										
30										
35			53.9				53.9			
40	35.5						35.5			
45	152.6						152.6			
50	47.0						47.0			
55	41.1						41.1			
60	17.4						17.4			
65										
70										
75										
80										
85										
90										
95										
100										
105										
110										
115										
120										
125										
130										
135										
140										
145										
150										
175										
200										
225										
250										
275										
Total	293.5		53.9				347.4			
Dead P										
Dead U										
Live U										
			Average DBH (cm) at 5 Levels							
12.5 +	47.2		33.2				45.3			
17.5 +	47.2		33.2				45.3			
22.5 +	47.2		33.2				45.3			
27.5 +	47.2		33.2				45.3			
32.5 +	47.2		33.2				45.3			

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

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Type Stand Table (stems/ha)

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 388
Project: CP 388

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: B
TFL: TFL 19
Region: 2 - West Coast
District: 05 - Campbell River

01-Dec-2018 11:03:37AM
Filename: cp 388.ccp
Compiled by: Western Forest Products Inc.
Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Type 5 (I):K585: FH 340, Plots in Type: 7, TUs: [TFL 19 : 6.5]

	F	C	H	B	Y	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	12.0
Stump Ht cm (I)	30.0	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	10.0
Log Len m	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
DBH Class										
5										
10										
15										
20			126.3				126.3			
25	71.9		165.7				237.6			
30			50.3				50.3			
35	41.9		121.7				163.6			
40	47.1						47.1			
45	24.5						24.5			
50	30.7		20.4				51.1			
55	24.7						24.7			
60										
65	12.6						12.6			
70	10.4						10.4			
75										
80										
85										
90										
95										
100										
105										
110										
115										
120										
125										
130										
135										
140										
145										
150										
175										
200										
225										
250										
275										
Total	263.8		484.3				748.1			
Dead P										
Dead U										
Live U										
			Average DBH (cm) at 5 Levels							
12.5 +	42.8		29.0				34.5			
17.5 +	42.8		29.0				34.5			
22.5 +	42.8		31.6				36.8			
27.5 +	47.5		36.4				42.3			
32.5 +	47.5		37.9				43.7			

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

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Type Stand Table (stems/ha)

Average Line Method | Grades: MOF Computerized | FIZ: B | 01-Dec-2018 11:03:37AM
WESTERN FOREST PRODUCTS INC. | Computerized Decay | TFL: TFL 19 | Filename: cp 388.ccp
Licence Number: TFL 19 CP: 388 | Computerized Waste | Region: 2 - West Coast | Compiled by: Western Forest Products Inc.
Project: CP 388 | Computerized Breakage | District: 05 - Campbell River | Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Type 6 (M):L33HL: HC 951, Plots in Type: 1, TUs: [TFL 19 : 0.5]

	F	C	H	B	Y	D	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	17.5
Stump Ht cm (M)	30.0	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	15.0
Log Len m	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
DBH Class										
5										
10										
15										
20										
25										
30			242.6				242.6			
35										
40										
45										
50										
55										
60										
65										
70										
75								90.5		
80			41.4				41.4			
85										
90										
95										
100										
105										
110										
115										
120										
125										
130										
135										
140										
145										
150		9.8					9.8			
175										
200										
225										
250										
275										
Total		9.8	284.0				293.8			
Dead P		90.5						90.5		
Dead U										
Live U										
			Average DBH (cm) at 5 Levels							
12.5 +		161.0	42.3				51.0	75.0		
17.5 +		161.0	42.3				51.0	75.0		
22.5 +		161.0	42.3				51.0	75.0		
27.5 +		161.0	42.3				51.0	75.0		
32.5 +		161.0	78.4				99.7	75.0		

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

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Type Stand Table (stems/ha)

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 388
Project: CP 388

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: B
TFL: TFL 19
Region: 2 - West Coast
District: 05 - Campbell River

01-Dec-2018 11:03:37AM
Filename: cp 388.ccp
Compiled by: Western Forest Products Inc.
Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Type 7 (M):L33HL: C(FH) 941, Plots in Type: 2, TUs: [TFL 19 : 2.1]

	F	C	H	B	Y	D	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	17.5
Stump Ht cm (M)	30.0	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	15.0
Log Len m	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
DBH Class										
5										
10										
15										
20										
25										
30										
35										
40										
45										
50										
55			39.9				39.9	39.9		
60										
65		61.4					61.4			
70										
75										
80										
85										
90										
95										
100										
105		24.1					24.1			
110										
115										
120	9.2	8.7					17.9			
125										
130										
135										
140		6.7					6.7	6.5		
145										
150								5.0		
175										
200										
225										
250										
275										
Total	9.2	100.9	39.9				150.0			
Dead P		51.4						51.4		
Dead U										
Live U										
			Average DBH (cm) at 5 Levels							
12.5 +	117.9	87.0	56.5				82.4	86.2		
17.5 +	117.9	87.0	56.5				82.4	86.2		
22.5 +	117.9	87.0	56.5				82.4	86.2		
27.5 +	117.9	87.0	56.5				82.4	86.2		
32.5 +	117.9	87.0	56.5				82.4	86.2		

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

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Type Stand Table (stems/ha)

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 388
Project: CP 388

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: B
TFL: TFL 19
Region: 2 - West Coast
District: 05 - Campbell River

01-Dec-2018 11:03:37AM
Filename: cp 388.ccp
Compiled by: Western Forest Products Inc.
Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Type 8 (M):L33HL: CH(F) 931, Plots in Type: 4, TUs: [TFL 19 : 3.4]

	F	C	H	B	Y	D	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	17.5
Stump Ht cm (M)	30.0	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	15.0
Log Len m	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
DBH Class										
5										
10										
15										
20										
25		90.7					90.7			
30			52.3				52.3			
35			43.8				43.8			
40			32.3				32.3			
45			27.9				27.9			
50		110.6					110.6			
55		34.5	17.9				52.4			
60										
65										
70										
75				9.2			9.2			
80		23.5					23.5			
85										
90										
95										
100	5.3						5.3			
105										
110		4.1					4.1			
115										
120										
125										
130										
135										
140										
145										
150										
175		1.7					1.7			
200										
225										
250										
275										
Total	5.3	265.1	174.3	9.2			453.9			
Dead P										
Dead U										
Live U										
		Average DBH (cm) at 5 Levels								
12.5 +	98.2	50.0	38.2	74.4			47.4			
17.5 +	98.2	50.0	38.2	74.4			47.4			
22.5 +	98.2	50.0	38.2	74.4			47.4			
27.5 +	98.2	59.2	38.2	74.4			51.6			
32.5 +	98.2	59.2	40.9	74.4			54.3			

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

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Type Stand Table (stems/ha)

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 388
Project: CP 388

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: B
TFL: TFL 19
Region: 2 - West Coast
District: 05 - Campbell River

01-Dec-2018 11:03:37AM
Filename: cp 388.ccp
Compiled by: Western Forest Products Inc.
Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Type 9 (M):L33HL: HCy(FC) 941, Plots in Type: 2, TUs: [TFL 19 : 1.5]

	F	C	H	B	Y	D	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	17.5
Stump Ht cm (M)	30.0	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	15.0
Log Len m	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
DBH Class										
5										
10										
15										
20										
25		189.4					189.4			
30										
35										
40										
45	51.4				57.9		109.3			
50			41.7		48.1		89.9			
55			38.3				38.3			
60										
65										
70										
75										
80										
85		15.2					15.2			
90										
95										
100										
105										
110										
115										
120										
125										
130										
135										
140										
145										
150										
175					4.2		4.2			
200										
225										
250										
275										
Total	51.4	204.6	80.0		110.1		446.2			
Dead P										
Dead U										
Live U										
			Average DBH (cm) at 5 Levels							
12.5 +	47.2	33.5	53.5		55.9		45.3			
17.5 +	47.2	33.5	53.5		55.9		45.3			
22.5 +	47.2	33.5	53.5		55.9		45.3			
27.5 +	47.2	86.7	53.5		55.9		55.9			
32.5 +	47.2	86.7	53.5		55.9		55.9			

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

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Type Stand Table (stems/ha)

Average Line Method | Grades: MOF Computerized | FIZ: B | 01-Dec-2018 11:03:37AM
WESTERN FOREST PRODUCTS INC. | Computerized Decay | TFL: TFL 19 | Filename: cp 388.ccp
Licence Number: TFL 19 CP: 388 | Computerized Waste | Region: 2 - West Coast | Compiled by: Western Forest Products Inc.
Project: CP 388 | Computerized Breakage | District: 05 - Campbell River | Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Type 10 (I):W59: FH 540, Plots in Type: 5, TUs: [TFL 19 : 3.6]

	F	C	H	B	Y	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	12.0
Stump Ht cm (I)	30.0	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	10.0
Log Len m	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
DBH Class										
5										
10										
15										
20		110.1					110.1			
25										
30	94.0						94.0	107.0		
35			159.1				159.1			
40										
45		24.4					24.4			
50										
55										
60	24.4						24.4	25.1		
65			21.4				21.4			
70	16.2						16.2			
75										
80	13.6						13.6			
85										
90	10.5						10.5			
95										
100										
105										
110										
115										
120										
125										
130										
135										
140										
145										
150										
175										
200										
225										
250										
275										
Total	158.7	134.6	180.5				473.8			
Dead P	132.2							132.2		
Dead U										
Live U										
			Average DBH (cm) at 5 Levels							
12.5 +	51.8	26.1	39.0				40.9	35.9		
17.5 +	51.8	26.1	39.0				40.9	35.9		
22.5 +	51.8	43.3	39.0				45.3	35.9		
27.5 +	51.8	43.3	39.0				45.3	35.9		
32.5 +	72.5	43.3	39.0				49.5	58.2		

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

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Type Stand Table (stems/ha)

Average Line Method | Grades: MOF Computerized | FIZ: B | 01-Dec-2018 11:03:37AM
WESTERN FOREST PRODUCTS INC. | Computerized Decay | TFL: TFL 19 | Filename: cp 388.ccp
Licence Number: TFL 19 CP: 388 | Computerized Waste | Region: 2 - West Coast | Compiled by: Western Forest Products Inc.
Project: CP 388 | Computerized Breakage | District: 05 - Campbell River | Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Type 11 (I):W59: HF(C) 540, Plots in Type: 4, TUs: [TFL 19 : 3.7]

	F	C	H	B	Y	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	12.0
Stump Ht cm (I)	30.0	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	10.0
Log Len m	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
DBH Class										
5										
10										
15										
20			255.0				255.0			
25										
30	189.9		349.9				539.8			
35			97.4				97.4	144.3		
40										
45										
50								43.7		
55										
60										
65										
70										
75										
80										
85										
90								19.6		
95								18.6		
100										
105										
110										
115										
120										
125										
130		9.4					9.4			
135										
140										
145										
150										
175										
200										
225										
250										
275										
Total	189.9	9.4	702.3				901.5			
Dead P	162.9	19.6	43.7					226.2		
Dead U										
Live U										
			Average DBH (cm) at 5 Levels							
12.5 +	29.9	130.4	27.5				30.9	51.7		
17.5 +	29.9	130.4	27.5				30.9	51.7		
22.5 +	29.9	130.4	30.8				34.1	51.7		
27.5 +	29.9	130.4	30.8				34.1	51.7		
32.5 +		130.4	33.0				49.8	51.7		

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

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Type Stand Table (stems/ha)

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 388
Project: CP 388

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: B
TFL: TFL 19
Region: 2 - West Coast
District: 05 - Campbell River

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Filename: cp 388.ccp
Compiled by: Western Forest Products Inc.
Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Type 12 (I):W59: FH(C) 550, Plots in Type: 20, TUs: [TFL 19 : 16.1]

	F	C	H	B	Y	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	12.0
Stump Ht cm (I)	30.0	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	10.0
Log Len m	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
DBH Class										
5										
10										
15			148.7				148.7			
20										
25		84.3	30.7				115.0			
30										
35			28.0				28.0			
40			21.3				21.3	10.2		
45	13.9		8.9				22.7			
50			19.0				19.0			
55		6.4	5.4				11.9			
60	8.4		13.1				21.6	9.0	6.9	
65	7.6		3.9				11.5			
70	12.3		10.1				22.4			
75	5.3		2.7				8.0			
80	9.5		2.7				12.2			
85	12.8						12.8			
90	3.7	2.4					6.2			
95	6.8	2.1					8.9			
100										
105								3.4		
110								4.2		
115										
120										
125								1.9		
130										
135		1.0					1.0			
140										
145	1.4						1.4			
150	1.4						1.4			
175	1.0						1.0			
200		0.5					0.5			
225										
250										
275										
Total	84.0	96.8	294.6				475.4			
Dead P	4.5	5.0	19.2					28.7		
Dead U		6.9							6.9	
Live U										
			Average DBH (cm) at 5 Levels							
12.5 +	78.1	39.4	34.0				45.9	75.8	57.6	
17.5 +	78.1	39.4	46.0				54.5	75.8	57.6	
22.5 +	78.1	39.4	46.0				54.5	75.8	57.6	
27.5 +	78.1	86.9	50.4				65.2	75.8	57.6	
32.5 +	78.1	86.9	50.4				65.2	75.8	57.6	

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

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Type Stock Table (m3/ha)

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 388
Project: CP 388

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: B
TFL: TFL 19
Region: 2 - West Coast
District: 05 - Campbell River

01-Dec-2018 11:03:37AM
Filename: cp 388.ccp
Compiled by: Western Forest Products Inc.
Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Type 1 (I):K534: F(HD) 340, Plots in Type: 8, TUs: [TFL 19 : 3.6]

	F	C	H	B	Y	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	12.0
Stump Ht cm (I)	30.0	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	10.0
Log Len m	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
DBH Class										
5										
10										
15			7.8				7.8	9.3		
20	13.8					49.1	62.9	12.4		
25	18.3		17.0			17.9	53.2			
30			37.5				37.5	13.5		
35										
40	75.2		36.6				111.8			
45	109.0						109.0	19.3		
50	37.9						37.9			
55	90.5						90.5			
60										
65										
70										
75										
80										
85										
90										
95										
100										
105										
110										
115										
120										
125										
130										
135										
140										
145										
150										
175										
200										
225										
250										
275										
Total	344.6		98.9			67.0	510.6			
Dead P	54.5							54.5		
			Volume (m3/ha) for 7 Levels							
17.5 +	344.6		91.1			67.0	502.7	45.2		
22.5 +	330.9		91.1			17.9	439.9	32.8		
27.5 +	312.6		74.1				386.7	32.8		
32.5 +	312.6		36.6				349.2	19.3		
37.5 +	312.6		36.6				349.2	19.3		
42.5 +	237.4						237.4	19.3		
47.5 +	128.4						128.4			

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

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Type Stock Table (m3/ha)

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 388
Project: CP 388

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: B
TFL: TFL 19
Region: 2 - West Coast
District: 05 - Campbell River

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Type 2 (I):K534: FH 340, Plots in Type: 3, TUs: [TFL 19 : 1.1]

	F	C	H	B	Y	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	12.0
Stump Ht cm (I)	30.0	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	10.0
Log Len m	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
DBH Class										
5										
10										
15										
20										
25										
30			101.9				101.9	50.4		
35	85.4						85.4			
40										
45	156.2		51.1				207.4			
50	103.6						103.6			
55										
60										
65										
70										
75										
80										
85										
90										
95										
100										
105										
110										
115										
120										
125										
130										
135										
140										
145										
150										
175										
200										
225										
250										
275										
Total	345.2		153.0				498.3			
Dead P	50.4							50.4		
			Volume (m3/ha) for 7 Levels							
17.5 +	345.2		153.0				498.3	50.4		
22.5 +	345.2		153.0				498.3	50.4		
27.5 +	345.2		153.0				498.3	50.4		
32.5 +	345.2		51.1				396.4			
37.5 +	259.9		51.1				311.0			
42.5 +	259.9		51.1				311.0			
47.5 +	103.6						103.6			

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

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Type Stock Table (m3/ha)

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 388
Project: CP 388

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: B
TFL: TFL 19
Region: 2 - West Coast
District: 05 - Campbell River

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Filename: cp 388.ccp
Compiled by: Western Forest Products Inc.
Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Type 3 (I):K537: F(H) 340, Plots in Type: 14, TUs: [TFL 19 : 12.7]

	F	C	H	B	Y	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	12.0
Stump Ht cm (I)	30.0	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	10.0
Log Len m	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
DBH Class										
5										
10										
15			6.2				6.2	9.1		
20	7.3						7.3			
25	7.4		8.2				15.6	7.3		
30	135.6		55.6				191.2	24.9		
35	66.2		8.5				74.7	8.4		
40	77.6		32.4				110.0			
45	59.8			12.9			72.7			
50	62.9						62.9			
55										
60										
65										
70										
75										
80										
85										
90										
95										
100										
105										
110										
115										
120										
125										
130										
135										
140										
145										
150										
175										
200										
225										
250										
275										
Total	416.9		110.9	12.9			540.7			
Dead P	49.8							49.8		
		Volume (m3/ha) for 7 Levels								
17.5 +	416.9		104.7	12.9			534.5	40.6		
22.5 +	409.6		104.7	12.9			527.2	40.6		
27.5 +	402.2		96.5	12.9			511.5	33.3		
32.5 +	266.6		40.9	12.9			320.3	8.4		
37.5 +	200.3		32.4	12.9			245.6			
42.5 +	122.7			12.9			135.6			
47.5 +	62.9						62.9			

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

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Type Stock Table (m3/ha)

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 388
Project: CP 388

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: B
TFL: TFL 19
Region: 2 - West Coast
District: 05 - Campbell River

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Filename: cp 388.ccp
Compiled by: Western Forest Products Inc.
Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Type 4 (I):K537: F(H) 340, Plots in Type: 3, TUs: [TFL 19 : 1.7]

	F	C	H	B	Y	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	12.0
Stump Ht cm (I)	30.0	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	10.0
Log Len m	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
DBH Class										
5										
10										
15										
20										
25										
30										
35			62.0				62.0			
40	52.7						52.7			
45	260.6						260.6			
50	101.9						101.9			
55	107.1						107.1			
60	54.2						54.2			
65										
70										
75										
80										
85										
90										
95										
100										
105										
110										
115										
120										
125										
130										
135										
140										
145										
150										
175										
200										
225										
250										
275										
Total	576.6		62.0				638.6			
Dead P										
			Volume (m3/ha) for 7 Levels							
17.5 +	576.6		62.0				638.6			
22.5 +	576.6		62.0				638.6			
27.5 +	576.6		62.0				638.6			
32.5 +	576.6		62.0				638.6			
37.5 +	576.6						576.6			
42.5 +	523.8						523.8			
47.5 +	263.2						263.2			

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

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Type Stock Table (m3/ha)

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 388
Project: CP 388

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: B
TFL: TFL 19
Region: 2 - West Coast
District: 05 - Campbell River

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Filename: cp 388.ccp
Compiled by: Western Forest Products Inc.
Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Type 5 (I):K585: FH 340, Plots in Type: 7, TUs: [TFL 19 : 6.5]

	F	C	H	B	Y	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	12.0
Stump Ht cm (I)	30.0	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	10.0
Log Len m	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
DBH Class										
5										
10										
15										
20			31.0				31.0			
25	41.8		77.3				119.1			
30			40.0				40.0			
35	37.2		131.6				168.8			
40	57.5						57.5			
45	38.7						38.7			
50	63.1		49.9				113.0			
55	66.6						66.6			
60										
65	44.0						44.0			
70	39.0						39.0			
75										
80										
85										
90										
95										
100										
105										
110										
115										
120										
125										
130										
135										
140										
145										
150										
175										
200										
225										
250										
275										
Total	387.9		329.8				717.7			
Dead P										
			Volume (m3/ha) for 7 Levels							
17.5 +	387.9		329.8				717.7			
22.5 +	387.9		298.8				686.7			
27.5 +	346.1		221.5				567.5			
32.5 +	346.1		181.4				527.5			
37.5 +	308.8		49.9				358.7			
42.5 +	251.4		49.9				301.2			
47.5 +	212.7		49.9				262.6			

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

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Type Stock Table (m3/ha)

Average Line Method | Grades: MOF Computerized | FIZ: B | 01-Dec-2018 11:03:37AM
WESTERN FOREST PRODUCTS INC. | Computerized Decay | TFL: TFL 19 | Filename: cp 388.ccp
Licence Number: TFL 19 CP: 388 | Computerized Waste | Region: 2 - West Coast | Compiled by: Western Forest Products Inc.
Project: CP 388 | Computerized Breakage | District: 05 - Campbell River | Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Type 6 (M):L33HL: HC 951, Plots in Type: 1, TUs: [TFL 19 : 0.5]

	F	C	H	B	Y	D	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	17.5
Stump Ht cm (M)	30.0	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	15.0
Log Len m	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
DBH Class										
5										
10										
15										
20										
25										
30			173.2				173.2			
35										
40										
45										
50										
55										
60										
65										
70										
75								213.2		
80			300.2				300.2			
85										
90										
95										
100										
105										
110										
115										
120										
125										
130										
135										
140										
145										
150		99.3					99.3			
175										
200										
225										
250										
275										
Total		99.3	473.4				572.6			
Dead P		213.2						213.2		
		Volume (m3/ha) for 7 Levels								
17.5 +		99.3	473.4				572.6	213.2		
22.5 +		99.3	473.4				572.6	213.2		
27.5 +		99.3	473.4				572.6	213.2		
32.5 +		99.3	300.2				399.5	213.2		
37.5 +		99.3	300.2				399.5	213.2		
42.5 +		99.3	300.2				399.5	213.2		
47.5 +		99.3	300.2				399.5	213.2		

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

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Type Stock Table (m3/ha)

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 388
Project: CP 388

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: B
TFL: TFL 19
Region: 2 - West Coast
District: 05 - Campbell River

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Filename: cp 388.ccp
Compiled by: Western Forest Products Inc.
Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Type 7 (M):L33HL: C(FH) 941, Plots in Type: 2, TUs: [TFL 19 : 2.1]

	F	C	H	B	Y	D	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	17.5
Stump Ht cm (M)	30.0	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	15.0
Log Len m	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
DBH Class										
5										
10										
15										
20										
25										
30										
35										
40										
45										
50										
55			103.6				103.6	33.2		
60										
65		114.4					114.4			
70										
75										
80										
85										
90										
95										
100										
105		87.6					87.6			
110										
115										
120	110.0	42.6					152.5			
125										
130										
135										
140		48.8					48.8	48.6		
145										
150								49.7		
175										
200										
225										
250										
275										
Total	110.0	293.4	103.6				507.0			
Dead P		131.5						131.5		
			Volume (m3/ha) for 7 Levels							
17.5 +	110.0	293.4	103.6				507.0	131.5		
22.5 +	110.0	293.4	103.6				507.0	131.5		
27.5 +	110.0	293.4	103.6				507.0	131.5		
32.5 +	110.0	293.4	103.6				507.0	131.5		
37.5 +	110.0	293.4	103.6				507.0	131.5		
42.5 +	110.0	293.4	103.6				507.0	131.5		
47.5 +	110.0	293.4	103.6				507.0	131.5		

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

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Type Stock Table (m3/ha)

Average Line Method | Grades: MOF Computerized | FIZ: B | 01-Dec-2018 11:03:37AM
WESTERN FOREST PRODUCTS INC. | Computerized Decay | TFL: TFL 19 | Filename: cp 388.ccp
Licence Number: TFL 19 CP: 388 | Computerized Waste | Region: 2 - West Coast | Compiled by: Western Forest Products Inc.
Project: CP 388 | Computerized Breakage | District: 05 - Campbell River | Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Type 8 (M):L33HL: CH(F) 931, Plots in Type: 4, TUs: [TFL 19 : 3.4]

	F	C	H	B	Y	D	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	17.5
Stump Ht cm (M)	30.0	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	15.0
Log Len m	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
DBH Class										
5										
10										
15										
20										
25		6.4					6.4			
30			27.8				27.8			
35			30.8				30.8			
40			25.2				25.2			
45			19.3				19.3			
50		69.3					69.3			
55		34.4	32.5				66.9			
60										
65										
70										
75				37.4			37.4			
80		45.9					45.9			
85										
90										
95										
100	48.2						48.2			
105										
110		15.7					15.7			
115										
120										
125										
130										
135										
140										
145										
150										
175		17.4					17.4			
200										
225										
250										
275										
Total	48.2	189.2	135.6	37.4			410.3			
Dead P										
		Volume (m3/ha) for 7 Levels								
17.5 +	48.2	189.2	135.6	37.4			410.3			
22.5 +	48.2	189.2	135.6	37.4			410.3			
27.5 +	48.2	182.8	135.6	37.4			404.0			
32.5 +	48.2	182.8	107.8	37.4			376.2			
37.5 +	48.2	182.8	77.0	37.4			345.4			
42.5 +	48.2	182.8	51.9	37.4			320.2			
47.5 +	48.2	182.8	32.5	37.4			300.9			

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

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Type Stock Table (m3/ha)

Average Line Method | Grades: MOF Computerized | FIZ: B | 01-Dec-2018 11:03:37AM
WESTERN FOREST PRODUCTS INC. | Computerized Decay | TFL: TFL 19 | Filename: cp 388.ccp
Licence Number: TFL 19 CP: 388 | Computerized Waste | Region: 2 - West Coast | Compiled by: Western Forest Products Inc.
Project: CP 388 | Computerized Breakage | District: 05 - Campbell River | Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Type 9 (M):L33HL: HCy(FC) 941, Plots in Type: 2, TUs: [TFL 19 : 1.5]

	F	C	H	B	Y	D	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	17.5
Stump Ht cm (M)	30.0	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	15.0
Log Len m	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
DBH Class										
5										
10										
15										
20										
25		27.5					27.5			
30										
35										
40										
45	69.0				77.4		146.4			
50			115.6		94.9		210.5			
55			108.1				108.1			
60										
65										
70										
75										
80										
85		40.2					40.2			
90										
95										
100										
105										
110										
115										
120										
125										
130										
135										
140										
145										
150										
175					10.8		10.8			
200										
225										
250										
275										
Total	69.0	67.8	223.7		183.1		543.6			
Dead P										
			Volume (m3/ha) for 7 Levels							
17.5 +	69.0	67.8	223.7		183.1		543.6			
22.5 +	69.0	67.8	223.7		183.1		543.6			
27.5 +	69.0	40.2	223.7		183.1		516.1			
32.5 +	69.0	40.2	223.7		183.1		516.1			
37.5 +	69.0	40.2	223.7		183.1		516.1			
42.5 +	69.0	40.2	223.7		183.1		516.1			
47.5 +		40.2	223.7		105.7		369.7			

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

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Type Stock Table (m3/ha)

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 388
Project: CP 388

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: B
TFL: TFL 19
Region: 2 - West Coast
District: 05 - Campbell River

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Filename: cp 388.ccp
Compiled by: Western Forest Products Inc.
Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Type 10 (I):W59: FH 540, Plots in Type: 5, TUs: [TFL 19 : 3.6]

	F	C	H	B	Y	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	12.0
Stump Ht cm (I)	30.0	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	10.0
Log Len m	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
DBH Class										
5										
10										
15										
20		15.9					15.9			
25										
30	51.2						51.2	66.8		
35			147.9				147.9			
40										
45		28.4					28.4			
50										
55										
60	77.9						77.9	84.4		
65			93.7				93.7			
70	66.0						66.0			
75										
80	89.0						89.0			
85										
90	85.7						85.7			
95										
100										
105										
110										
115										
120										
125										
130										
135										
140										
145										
150										
175										
200										
225										
250										
275										
Total	369.7	44.3	241.5				655.6			
Dead P	151.2							151.2		
			Volume (m3/ha) for 7 Levels							
17.5 +	369.7	44.3	241.5				655.6	151.2		
22.5 +	369.7	28.4	241.5				639.7	151.2		
27.5 +	369.7	28.4	241.5				639.7	151.2		
32.5 +	318.6	28.4	241.5				588.5	84.4		
37.5 +	318.6	28.4	93.7				440.6	84.4		
42.5 +	318.6	28.4	93.7				440.6	84.4		
47.5 +	318.6		93.7				412.2	84.4		

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

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Type Stock Table (m3/ha)

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 388
Project: CP 388

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: B
TFL: TFL 19
Region: 2 - West Coast
District: 05 - Campbell River

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Type 11 (I):W59: HF(C) 540, Plots in Type: 4, TUs: [TFL 19 : 3.7]

	F	C	H	B	Y	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	12.0
Stump Ht cm (I)	30.0	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	10.0
Log Len m	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
DBH Class										
5										
10										
15										
20			57.3				57.3			
25										
30	129.1		291.5				420.6			
35			95.3				95.3	99.2		
40										
45										
50								103.6		
55										
60										
65										
70										
75										
80										
85										
90								69.2		
95								80.9		
100										
105										
110										
115										
120										
125										
130		87.2					87.2			
135										
140										
145										
150										
175										
200										
225										
250										
275										
Total	129.1	87.2	444.1				660.4			
Dead P	180.0	69.2	103.6					352.8		
			Volume (m3/ha) for 7 Levels							
17.5 +	129.1	87.2	444.1				660.4	352.8		
22.5 +	129.1	87.2	386.8				603.1	352.8		
27.5 +	129.1	87.2	386.8				603.1	352.8		
32.5 +		87.2	95.3				182.5	352.8		
37.5 +		87.2					87.2	253.7		
42.5 +		87.2					87.2	253.7		
47.5 +		87.2					87.2	253.7		

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

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Type Stock Table (m3/ha)

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 388
Project: CP 388

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: B
TFL: TFL 19
Region: 2 - West Coast
District: 05 - Campbell River

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Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Type 12 (I):W59: FH(C) 550, Plots in Type: 20, TUs: [TFL 19 : 16.1]

	F	C	H	B	Y	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	12.0
Stump Ht cm (I)	30.0	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	10.0
Log Len m	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
DBH Class										
5										
10										
15			11.6				11.6			
20										
25		27.6	12.0				39.6			
30										
35			28.4				28.4			
40			27.9				27.9	17.7		
45	29.8		19.9				49.7			
50			54.7				54.7			
55		13.7	19.2				33.0			
60	31.6		55.7				87.3	22.7		
65	33.2		18.3				51.5			
70	61.8		59.0				120.8			
75	34.8		16.9				51.7			
80	69.0		20.6				89.5			
85	94.2						94.2			
90	33.4	7.6					41.0			
95	65.3	6.8					72.1			
100										
105								18.8		
110								26.9		
115										
120										
125								14.5		
130										
135		7.9					7.9			
140										
145	16.2						16.2			
150	34.3						34.3			
175	35.0						35.0			
200		10.4					10.4			
225										
250										
275										
Total	538.6	74.2	344.2				957.0			
Dead P	29.3	30.9	40.5					100.6		
			Volume (m3/ha) for 7 Levels							
17.5 +	538.6	74.2	332.6				945.4	100.6		
22.5 +	538.6	74.2	332.6				945.4	100.6		
27.5 +	538.6	46.5	320.6				905.8	100.6		
32.5 +	538.6	46.5	320.6				905.8	100.6		
37.5 +	538.6	46.5	292.3				877.4	100.6		
42.5 +	538.6	46.5	264.4				849.5	82.9		
47.5 +	508.8	46.5	244.5				799.8	82.9		

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

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Type Basal Area Table (m2/ha)

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 388
Project: CP 388

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: B
TFL: TFL 19
Region: 2 - West Coast
District: 05 - Campbell River

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Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Type 1 (I):K534: F(HD) 340, Plots in Type: 8, TUs: [TFL 19 : 3.6]

	F	C	H	B	Y	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	12.0
Stump Ht cm (I)	30.0	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	10.0
Log Len m	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
DBH Class										
5										
10										
15			1.8				1.8	1.8		
20	1.8					5.3	7.0	1.8		
25	1.8		1.8			1.7	5.3			
30			3.5				3.5	1.8		
35										
40	7.0		3.5				10.5			
45	10.5						10.5	1.8		
50	3.5						3.5			
55	8.8						8.8			
60										
65										
70										
75										
80										
85										
90										
95										
100										
105										
110										
115										
120										
125										
130										
135										
140										
145										
150										
175										
200										
225										
250										
275										
Total	33.3		10.5			7.0	50.8			
Dead P	7.0							7.0		
Dead U										
Live U										
			Basal Area (m2/ha) at 5 Levels							
12.5 +	33.3		10.5			7.0	50.8	7.0		
17.5 +	33.3		8.8			7.0	49.0	5.3		
22.5 +	31.5		8.8			1.7	42.0	3.5		
27.5 +	29.8		7.0				36.8	3.5		
32.5 +	29.8		3.5				33.3	1.8		

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

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Type Basal Area Table (m2/ha)

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 388
Project: CP 388

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: B
TFL: TFL 19
Region: 2 - West Coast
District: 05 - Campbell River

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Type 2 (I):K534: FH 340, Plots in Type: 3, TUs: [TFL 19 : 1.1]

	F	C	H	B	Y	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	12.0
Stump Ht cm (I)	30.0	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	10.0
Log Len m	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
DBH Class										
5										
10										
15										
20										
25										
30			9.3				9.3	4.7		
35	9.3						9.3			
40										
45	14.0		4.7				18.7			
50	9.3						9.3			
55										
60										
65										
70										
75										
80										
85										
90										
95										
100										
105										
110										
115										
120										
125										
130										
135										
140										
145										
150										
175										
200										
225										
250										
275										
Total	32.7		14.0				46.7			
Dead P	4.7							4.7		
Dead U										
Live U										

Basal Area (m2/ha) at 5 Levels

12.5 +	32.7	14.0			46.7	4.7
17.5 +	32.7	14.0			46.7	4.7
22.5 +	32.7	14.0			46.7	4.7
27.5 +	32.7	14.0			46.7	4.7
32.5 +	32.7	4.7			37.3	

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

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Type Basal Area Table (m2/ha)

Average Line Method | Grades: MOF Computerized | FIZ: B | 01-Dec-2018 11:03:37AM
WESTERN FOREST PRODUCTS INC. | Computerized Decay | TFL: TFL 19 | Filename: cp 388.ccp
Licence Number: TFL 19 CP: 388 | Computerized Waste | Region: 2 - West Coast | Compiled by: Western Forest Products Inc.
Project: CP 388 | Computerized Breakage | District: 05 - Campbell River | Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Type 3 (I):K537: F(H) 340, Plots in Type: 14, TUs: [TFL 19 : 12.7]

	F	C	H	B	Y	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	12.0
Stump Ht cm (I)	30.0	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	10.0
Log Len m	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
DBH Class										
5										
10										
15			1.0				1.0	2.0		
20	1.0						1.0			
25	1.0		1.0				2.0	1.0		
30	15.0		6.0				21.0	3.0		
35	7.0		1.0				8.0	1.0		
40	8.0		3.0				11.0			
45	6.0			1.0			7.0			
50	6.0						6.0			
55										
60										
65										
70										
75										
80										
85										
90										
95										
100										
105										
110										
115										
120										
125										
130										
135										
140										
145										
150										
175										
200										
225										
250										
275										
Total	44.0		12.0	1.0			57.0			
Dead P	7.0							7.0		
Dead U										
Live U										
			Basal Area (m2/ha) at 5 Levels							
12.5 +	44.0		12.0	1.0			57.0	7.0		
17.5 +	44.0		11.0	1.0			56.0	5.0		
22.5 +	43.0		11.0	1.0			55.0	5.0		
27.5 +	42.0		10.0	1.0			53.0	4.0		
32.5 +	27.0		4.0	1.0			32.0	1.0		

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

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Type Basal Area Table (m2/ha)

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 388
Project: CP 388

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: B
TFL: TFL 19
Region: 2 - West Coast
District: 05 - Campbell River

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Type 4 (I):K537: F(H) 340, Plots in Type: 3, TUs: [TFL 19 : 1.7]

	F	C	H	B	Y	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	12.0
Stump Ht cm (I)	30.0	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	10.0
Log Len m	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
DBH Class										
5										
10										
15										
20										
25										
30										
35			4.7				4.7			
40	4.7						4.7			
45	23.3						23.3			
50	9.3						9.3			
55	9.3						9.3			
60	4.7						4.7			
65										
70										
75										
80										
85										
90										
95										
100										
105										
110										
115										
120										
125										
130										
135										
140										
145										
150										
175										
200										
225										
250										
275										
Total	51.3		4.7				56.0			
Dead P										
Dead U										
Live U										
			Basal Area (m2/ha) at 5 Levels							
12.5 +	51.3		4.7				56.0			
17.5 +	51.3		4.7				56.0			
22.5 +	51.3		4.7				56.0			
27.5 +	51.3		4.7				56.0			
32.5 +	51.3		4.7				56.0			

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

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Type Basal Area Table (m2/ha)

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 388
Project: CP 388

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: B
TFL: TFL 19
Region: 2 - West Coast
District: 05 - Campbell River

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Filename: cp 388.ccp
Compiled by: Western Forest Products Inc.
Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Type 5 (I):K585: FH 340, Plots in Type: 7, TUs: [TFL 19 : 6.5]

	F	C	H	B	Y	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	12.0
Stump Ht cm (I)	30.0	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	10.0
Log Len m	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
DBH Class										
5										
10										
15										
20			4.0				4.0			
25	4.0		8.0				12.0			
30			4.0				4.0			
35	4.0		12.0				16.0			
40	6.0						6.0			
45	4.0						4.0			
50	6.0		4.0				10.0			
55	6.0						6.0			
60										
65	4.0						4.0			
70	4.0						4.0			
75										
80										
85										
90										
95										
100										
105										
110										
115										
120										
125										
130										
135										
140										
145										
150										
175										
200										
225										
250										
275										
Total	38.0		32.0				70.0			
Dead P										
Dead U										
Live U										
			Basal Area (m2/ha) at 5 Levels							
12.5 +	38.0		32.0				70.0			
17.5 +	38.0		32.0				70.0			
22.5 +	38.0		28.0				66.0			
27.5 +	34.0		20.0				54.0			
32.5 +	34.0		16.0				50.0			

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

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Type Basal Area Table (m2/ha)

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 388
Project: CP 388

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: B
TFL: TFL 19
Region: 2 - West Coast
District: 05 - Campbell River

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Type 6 (M):L33HL: HC 951, Plots in Type: 1, TUs: [TFL 19 : 0.5]

	F	C	H	B	Y	D	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	17.5
Stump Ht cm (M)	30.0	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	15.0
Log Len m	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
DBH Class										
5										
10										
15										
20										
25										
30			20.0				20.0			
35										
40										
45										
50										
55										
60										
65										
70										
75								40.0		
80			20.0				20.0			
85										
90										
95										
100										
105										
110										
115										
120										
125										
130										
135										
140										
145										
150		20.0					20.0			
175										
200										
225										
250										
275										
Total		20.0	40.0				60.0			
Dead P		40.0						40.0		
Dead U										
Live U										

Basal Area (m2/ha) at 5 Levels

12.5 +	20.0	40.0	60.0	40.0	
17.5 +	20.0	40.0	60.0	40.0	
22.5 +	20.0	40.0	60.0	40.0	
27.5 +	20.0	40.0	60.0	40.0	
32.5 +	20.0	20.0	40.0	40.0	

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

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Type Basal Area Table (m2/ha)

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 388
Project: CP 388

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: B
TFL: TFL 19
Region: 2 - West Coast
District: 05 - Campbell River

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Type 7 (M):L33HL: C(FH) 941, Plots in Type: 2, TUs: [TFL 19 : 2.1]

	F	C	H	B	Y	D	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	17.5
Stump Ht cm (M)	30.0	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	15.0
Log Len m	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
DBH Class										
5										
10										
15										
20										
25										
30										
35										
40										
45										
50										
55			10.0				10.0	10.0		
60										
65		20.0					20.0			
70										
75										
80										
85										
90										
95										
100										
105		20.0					20.0			
110										
115										
120	10.0	10.0					20.0			
125										
130										
135										
140		10.0					10.0	10.0		
145										
150								10.0		
175										
200										
225										
250										
275										
Total	10.0	60.0	10.0				80.0			
Dead P		30.0						30.0		
Dead U										
Live U										
		Basal Area (m2/ha) at 5 Levels								
12.5 +	10.0	60.0	10.0				80.0	30.0		
17.5 +	10.0	60.0	10.0				80.0	30.0		
22.5 +	10.0	60.0	10.0				80.0	30.0		
27.5 +	10.0	60.0	10.0				80.0	30.0		
32.5 +	10.0	60.0	10.0				80.0	30.0		

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

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Type Basal Area Table (m2/ha)

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 388
Project: CP 388

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: B
TFL: TFL 19
Region: 2 - West Coast
District: 05 - Campbell River

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Compiled by: Western Forest Products Inc.
Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Type 8 (M):L33HL: CH(F) 931, Plots in Type: 4, TUs: [TFL 19 : 3.4]

	F	C	H	B	Y	D	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	17.5
Stump Ht cm (M)	30.0	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	15.0
Log Len m	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
DBH Class										
5										
10										
15										
20										
25		4.0					4.0			
30			4.0				4.0			
35			4.0				4.0			
40			4.0				4.0			
45			4.0				4.0			
50		20.0					20.0			
55		8.0	4.0				12.0			
60										
65										
70										
75				4.0			4.0			
80		12.0					12.0			
85										
90										
95										
100	4.0						4.0			
105										
110		4.0					4.0			
115										
120										
125										
130										
135										
140										
145										
150										
175		4.0					4.0			
200										
225										
250										
275										
Total	4.0	52.0	20.0	4.0			80.0			
Dead P										
Dead U										
Live U										
		Basal Area (m2/ha) at 5 Levels								
12.5 +	4.0	52.0	20.0	4.0			80.0			
17.5 +	4.0	52.0	20.0	4.0			80.0			
22.5 +	4.0	52.0	20.0	4.0			80.0			
27.5 +	4.0	48.0	20.0	4.0			76.0			
32.5 +	4.0	48.0	16.0	4.0			72.0			

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

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Type Basal Area Table (m2/ha)

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 388
Project: CP 388

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: B
TFL: TFL 19
Region: 2 - West Coast
District: 05 - Campbell River

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Filename: cp 388.ccp
Compiled by: Western Forest Products Inc.
Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Type 9 (M):L33HL: HCy(FC) 941, Plots in Type: 2, TUs: [TFL 19 : 1.5]

	F	C	H	B	Y	D	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	17.5
Stump Ht cm (M)	30.0	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	15.0
Log Len m	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
DBH Class										
5										
10										
15										
20										
25		9.0					9.0			
30										
35										
40										
45	9.0				9.0		18.0			
50			9.0		9.0		18.0			
55			9.0				9.0			
60										
65										
70										
75										
80										
85		9.0					9.0			
90										
95										
100										
105										
110										
115										
120										
125										
130										
135										
140										
145										
150										
175					9.0		9.0			
200										
225										
250										
275										
Total	9.0	18.0	18.0		27.0		72.0			
Dead P										
Dead U										
Live U										
		Basal Area (m2/ha) at 5 Levels								
12.5 +	9.0	18.0	18.0		27.0		72.0			
17.5 +	9.0	18.0	18.0		27.0		72.0			
22.5 +	9.0	18.0	18.0		27.0		72.0			
27.5 +	9.0	9.0	18.0		27.0		63.0			
32.5 +	9.0	9.0	18.0		27.0		63.0			

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

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Type Basal Area Table (m2/ha)

Average Line Method | Grades: MOF Computerized | FIZ: B | 01-Dec-2018 11:03:37AM
WESTERN FOREST PRODUCTS INC. | Computerized Decay | TFL: TFL 19 | Filename: cp 388.ccp
Licence Number: TFL 19 CP: 388 | Computerized Waste | Region: 2 - West Coast | Compiled by: Western Forest Products Inc.
Project: CP 388 | Computerized Breakage | District: 05 - Campbell River | Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Type 10 (I):W59: FH 540, Plots in Type: 5, TUs: [TFL 19 : 3.6]

	F	C	H	B	Y	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	12.0
Stump Ht cm (I)	30.0	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	10.0
Log Len m	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
DBH Class										
5										
10										
15										
20		3.6					3.6			
25										
30	6.7						6.7	6.7		
35			14.4				14.4			
40										
45		3.6					3.6			
50										
55										
60	6.7						6.7	6.7		
65			7.2				7.2			
70	6.7						6.7			
75										
80	6.7						6.7			
85										
90	6.7						6.7			
95										
100										
105										
110										
115										
120										
125										
130										
135										
140										
145										
150										
175										
200										
225										
250										
275										
Total	33.4	7.2	21.6				62.2			
Dead P	13.4							13.4		
Dead U										
Live U										
			Basal Area (m2/ha) at 5 Levels							
12.5 +	33.4	7.2	21.6				62.2	13.4		
17.5 +	33.4	7.2	21.6				62.2	13.4		
22.5 +	33.4	3.6	21.6				58.6	13.4		
27.5 +	33.4	3.6	21.6				58.6	13.4		
32.5 +	26.7	3.6	21.6				51.9	6.7		

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

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Type Basal Area Table (m2/ha)

Average Line Method | Grades: MOF Computerized | FIZ: B | 01-Dec-2018 11:03:37AM
WESTERN FOREST PRODUCTS INC. | Computerized Decay | TFL: TFL 19 | Filename: cp 388.ccp
Licence Number: TFL 19 CP: 388 | Computerized Waste | Region: 2 - West Coast | Compiled by: Western Forest Products Inc.
Project: CP 388 | Computerized Breakage | District: 05 - Campbell River | Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Type 11 (I):W59: HF(C) 540, Plots in Type: 4, TUs: [TFL 19 : 3.7]

	F	C	H	B	Y	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	12.0
Stump Ht cm (I)	30.0	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	10.0
Log Len m	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
DBH Class										
5										
10										
15										
20			8.3				8.3			
25										
30	13.3		25.0				38.3			
35			8.3				8.3	13.3		
40										
45										
50								8.3		
55										
60										
65										
70										
75										
80										
85										
90								12.5		
95								13.3		
100										
105										
110										
115										
120										
125										
130		12.5					12.5			
135										
140										
145										
150										
175										
200										
225										
250										
275										
Total	13.3	12.5	41.7				67.5			
Dead P	26.7	12.5	8.3					47.5		
Dead U										
Live U										
			Basal Area (m2/ha) at 5 Levels							
12.5 +	13.3	12.5	41.7				67.5	47.5		
17.5 +	13.3	12.5	41.7				67.5	47.5		
22.5 +	13.3	12.5	33.3				59.2	47.5		
27.5 +	13.3	12.5	33.3				59.2	47.5		
32.5 +		12.5	8.3				20.8	47.5		

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

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Type Basal Area Table (m2/ha)

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 388
Project: CP 388

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: B
TFL: TFL 19
Region: 2 - West Coast
District: 05 - Campbell River

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Compiled by: Western Forest Products Inc.
Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Type 12 (I):W59: FH(C) 550, Plots in Type: 20, TUs: [TFL 19 : 16.1]

	F	C	H	B	Y	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	12.0
Stump Ht cm (I)	30.0	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	10.0
Log Len m	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
DBH Class										
5										
10										
15			2.5				2.5			
20										
25		4.4	1.3				5.7			
30										
35			2.5				2.5			
40			2.6				2.6	1.3		
45	2.4		1.3				3.6			
50			3.8				3.8			
55		1.5	1.3				2.7			
60	2.4		3.8				6.2	2.5	1.8	
65	2.4		1.3				3.6			
70	4.7		3.8				8.6			
75	2.4		1.3				3.6			
80	4.7		1.3				6.0			
85	7.1						7.1			
90	2.4	1.5					3.8			
95	4.7	1.5					6.2			
100										
105								2.9		
110								3.8		
115										
120										
125								2.4		
130										
135		1.5					1.5			
140										
145	2.4						2.4			
150	2.4						2.4			
175	2.4						2.4			
200		1.5					1.5			
225										
250										
275										
Total	40.3	11.8	26.8				78.8			
Dead P	4.7	4.4	3.8					13.0		
Dead U		1.8							1.8	
Live U										
			Basal Area (m2/ha) at 5 Levels							
12.5 +	40.3	11.8	26.8				78.8	13.0	1.8	
17.5 +	40.3	11.8	24.2				76.3	13.0	1.8	
22.5 +	40.3	11.8	24.2				76.3	13.0	1.8	
27.5 +	40.3	7.4	22.9				70.6	13.0	1.8	
32.5 +	40.3	7.4	22.9				70.6	13.0	1.8	

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

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Plot Summary

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 388
Project: CP 388

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: B
TFL: TFL 19
Region: 2 - West Coast
District: 05 - Campbell River

01-Dec-2018 11:03:37AM
Filename: cp 388.ccp
Compiled by: Western Forest Products Inc.
Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

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) 10.00

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	Loss Ref No. OI	Loss Ref No. M
1-K534: F(HD) 340	534	1	7	14.000F	7	Doug-Fir	2	113.19	56.12	291.62	291.62	279.95	279.95		101		
						Hemlock	2	401.45	29.80	312.10	312.10	299.61	299.61		301		
						All Sp.	4	514.65	37.22	603.71	603.71	579.56	579.56	1810			
		1	8	14.000F	7	Alder	4	1576.63	21.27	566.83	564.37	536.02	536.02			1210	
						All Sp.	4	1576.63	21.27	566.83	564.37	536.02	536.02	1809			
		2	3	14.000F	4	Doug-Fir	5	1435.43	24.92	742.91	742.91	713.19	713.19		101		
						All Sp.	5	1435.43	24.92	742.91	742.91	713.19	713.19	1810			
		2	4	14.000F	4	Doug-Fir	4	341.99	45.66	660.18	660.18	633.77	633.77		101		
						Hemlock	1	687.68	16.10	65.39	65.39	62.78	62.78		301		
						All Sp.	5	1029.68	29.42	725.57	725.57	696.55	696.55	1810			
		2	6	14.000F	7	Doug-Fir	3	338.08	39.77	435.97	435.97	418.53	418.53		101		
						All Sp.	3	338.08	39.77	435.97	435.97	418.53	418.53	1810			
		3	2	14.000F	4	Doug-Fir	3	605.04	29.73	329.66	329.66	316.48	316.48		101		
						Hemlock	1	106.04	41.00	147.80	147.80	141.89	141.89		301		
						All Sp.	4	711.08	31.67	477.46	477.46	458.36	458.36	1810			
		4	1	14.000F	5	Doug-Fir	3	713.11	27.38	398.45	398.45	382.51	382.51		101		
						Hemlock	2	392.29	30.15	299.19	299.19	287.22	287.22		301		
						All Sp.	5	1105.40	28.40	697.64	697.64	669.73	669.73	1810			
		5	5	14.000F	3	Doug-Fir	3	194.52	52.43	467.10	467.10	448.41	448.41		101		
						All Sp.	3	194.52	52.43	467.10	467.10	448.41	448.41	1810			
2-K534: FH 340	534	6	9	14.000F	23	Doug-Fir	3	323.30	40.67	434.92	434.92	417.52	417.52		101		
						All Sp.	3	323.30	40.67	434.92	434.92	417.52	417.52	1810			
		6	10	14.000F	35	Doug-Fir	5	627.50	37.69	801.41	801.41	769.36	769.36		101		
						All Sp.	5	627.50	37.69	801.41	801.41	769.36	769.36	1810			
		6	11	14.000F	31	Hemlock	3	441.49	34.80	478.16	478.16	459.04	459.04		301		
						All Sp.	3	441.49	34.80	478.16	478.16	459.04	459.04	1810			
3-K537: F(H) 340	537	1	14	14.000F	41	Balsam	1	94.64	43.40	187.83	187.83	180.32	180.32		401		
						Hemlock	4	1353.45	22.95	522.05	522.05	501.17	501.17		301		
						All Sp.	5	1448.08	24.81	709.88	709.88	681.49	681.49	1810			
		2	9	14.000F	64	Doug-Fir	2	352.74	31.79	253.01	253.01	242.88	242.88		101		
						Hemlock	2	386.57	30.37	239.87	239.87	230.28	230.28		301		
						All Sp.	4	739.31	31.06	492.88	492.88	473.16	473.16	1810			
		2	11	14.000F	44	Doug-Fir	5	948.80	30.65	584.58	584.58	561.19	561.19		101		
						All Sp.	5	948.80	30.65	584.58	584.58	561.19	561.19	1810			
		2	13	14.000F	61	Doug-Fir	1	139.86	35.70	127.21	127.21	122.12	122.12		101		
						All Sp.	1	139.86	35.70	127.21	127.21	122.12	122.12	1810			

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

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Plot Summary

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 388
Project: CP 388

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: B
TFL: TFL 19
Region: 2 - West Coast
District: 05 - Campbell River

01-Dec-2018 11:03:37AM
Filename: cp 388.ccp
Compiled by: Western Forest Products Inc.
Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

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) 10.00

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 YI	Loss OI	Loss M	Ref No.
3-K537: F(H) 340	537	3	12	14.000F	64	Doug-Fir	3	412.72	36.00	403.67	403.67	387.52	387.52		101			
						All Sp.	3	412.72	36.00	403.67	403.67	387.52	387.52	1810				
		4	8	14.000H	42	Doug-Fir	12	2996.43	26.72	1522.03	1522.03	1461.15	1461.15		101			
						All Sp.	12	2996.43	26.72	1522.03	1522.03	1461.15	1461.15	1810				
		4	10	14.000F	40	Doug-Fir	3	389.27	37.06	452.86	452.86	434.74	434.74		101			
						All Sp.	3	389.27	37.06	452.86	452.86	434.74	434.74	1810				
		5	7	14.000F	58	Doug-Fir	6	1218.66	29.62	760.19	760.19	729.78	729.78		101			
						All Sp.	6	1218.66	29.62	760.19	760.19	729.78	729.78	1810				
		6	5	14.000F	57	Doug-Fir	4	365.69	44.16	568.50	568.50	545.76	545.76		101			
						All Sp.	4	365.69	44.16	568.50	568.50	545.76	545.76	1810				
		6	6	14.000F	62	Doug-Fir	2	279.84	35.69	275.04	275.04	264.04	264.04		101			
						Hemlock	2	199.25	42.30	318.36	318.36	305.63	305.63		301			
						All Sp.	4	479.08	38.58	593.40	593.40	569.66	569.66	1810				
		7	4	14.000F	59	Doug-Fir	4	721.62	31.43	538.08	538.08	516.56	516.56		101			
						All Sp.	4	721.62	31.43	538.08	538.08	516.56	516.56	1810				
		8	1	14.000F	35	Doug-Fir	4	471.01	38.91	588.88	588.88	565.33	565.33		101			
						All Sp.	4	471.01	38.91	588.88	588.88	565.33	565.33	1810				
		8	2	14.000F	41	Doug-Fir	1	225.75	28.10	138.87	138.87	133.31	133.31		101			
						Hemlock	4	806.34	29.74	536.87	536.87	515.39	515.39		301			
						All Sp.	5	1032.09	29.39	675.73	675.73	648.70	648.70	1810				
		8	3	14.000F	23	Doug-Fir	4	375.68	43.56	592.75	592.75	569.04	569.04		101			
						All Sp.	4	375.68	43.56	592.75	592.75	569.04	569.04	1810				
4-K537: F(H) 340	537	9	15	14.000F	18	Doug-Fir	2	196.98	42.54	331.85	331.85	318.57	318.57		101			
						Hemlock	1	161.72	33.20	193.75	193.75	186.00	186.00		301			
						All Sp.	3	358.70	38.61	525.60	525.60	504.58	504.58	1810				
		9	16	14.000F	11	Doug-Fir	5	354.33	50.15	862.51	862.51	828.01	828.01		101			
						All Sp.	5	354.33	50.15	862.51	862.51	828.01	828.01	1810				
		9	17	14.000F	37	Doug-Fir	4	329.23	46.54	607.46	607.46	583.16	583.16		101			
						All Sp.	4	329.23	46.54	607.46	607.46	583.16	583.16	1810				
5-K585: FH 340	585	1	1	14.000F	33	Doug-Fir	3	145.73	60.58	480.35	480.35	461.14	461.14		101			
						All Sp.	3	145.73	60.58	480.35	480.35	461.14	461.14	1810				
		2	2	14.000F	65	Hemlock	8	1602.13	29.83	1224.88	1224.88	1175.89	1175.89		301			
						All Sp.	8	1602.13	29.83	1224.88	1224.88	1175.89	1175.89	1810				
		2	3	14.000F	64	Hemlock	2	548.17	25.50	294.47	294.47	282.69	282.69		301			
						All Sp.	2	548.17	25.50	294.47	294.47	282.69	282.69	1810				

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

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Plot Summary

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 388
Project: CP 388

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: B
TFL: TFL 19
Region: 2 - West Coast
District: 05 - Campbell River

01-Dec-2018 11:03:37AM
Filename: cp 388.ccp
Compiled by: Western Forest Products Inc.
Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

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) 10.00

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 YI	Ref OI	No. M
5-K585: FH 340	585	3	7	14.000F	74	Doug-Fir	4	220.41	56.88	621.29	621.29	596.44	596.44		101		
						Hemlock	2	809.94	20.98	210.88	210.88	202.45	202.45		301		
						All Sp.	6	1030.35	32.22	832.17	832.17	798.88	798.88	1810			
		4	4	14.000F	60	Doug-Fir	3	276.34	43.99	421.92	421.92	405.04	405.04		101		
						Hemlock	2	287.27	35.23	310.99	310.99	298.55	298.55		301		
						All Sp.	5	563.60	39.77	732.90	732.90	703.59	703.59	1810			
		4	5	14.000F	57	Doug-Fir	7	1054.71	34.40	1012.25	1012.25	971.76	971.76		101		
						All Sp.	7	1054.71	34.40	1012.25	1012.25	971.76	971.76	1810			
		4	6	14.000F	67	Doug-Fir	2	149.58	48.82	292.53	292.53	280.83	280.83		101		
						Hemlock	2	142.54	50.01	363.59	363.59	349.05	349.05		301		
						All Sp.	4	292.12	49.40	656.12	656.12	629.88	629.88	1810			
6-L33HL: HC 951	33H	1	1	20.000F	75	W.R. Cedar	3	100.37	87.24	623.89	423.64	379.97	312.47				211
						E-Down	3	100.37	87.24	623.89	423.64	379.97	312.47				211
						Hemlock	2	284.01	42.35	508.22	503.87	473.37	473.37				396
						All Sp.	5	384.37	57.55	1132.12	927.51	853.34	785.84	1806			
7-L33HL: C(FH) 94	33H	1	2	20.000F	64	W.R. Cedar	5	225.51	75.14	865.95	642.98	582.36	491.84				211
						E-Down	1	79.77	56.50	151.87	97.80	87.17	66.37				211
						G-Shatt	1	9.95	160.00	185.48	132.99	120.01	99.42				211
						Hemlock	1	79.77	56.50	221.87	220.54	207.23	207.23				396
						All Sp.	6	305.28	70.75	1087.82	863.51	789.58	699.06	1806			
		1	3	20.000F	78	W.R. Cedar	4	79.07	113.50	685.63	477.89	429.90	358.04				211
						E-Down	2	37.57	116.43	366.15	256.31	230.68	192.05				211
						Doug-Fir	1	18.32	117.90	234.98	231.69	219.94	219.94				110
						All Sp.	5	97.39	114.34	920.61	709.58	649.84	577.98	1806			
8-L33HL: CH(F) 93	33H	1	5	16.000F	73	W.R. Cedar	2	449.29	30.11	161.40	129.62	118.32	106.40				211
						Doug-Fir	1	21.13	98.20	205.68	203.21	192.93	192.72				110
						Hemlock	1	71.71	53.30	139.27	138.44	130.08	130.08				396
						All Sp.	4	542.13	38.77	506.35	471.27	441.33	429.20	1806			
		1	6	16.000F	138	Balsam	1	36.80	74.40	167.02	159.34	150.99	149.49				411
						W.R. Cedar	3	103.91	76.69	391.15	264.14	236.76	191.15				211
						Hemlock	3	450.26	36.84	356.09	324.04	302.67	289.22				396
						All Sp.	7	590.98	49.12	914.27	747.52	690.42	629.85	1806			
		1	7	16.000F	88	W.R. Cedar	3	252.29	49.22	344.26	243.47	219.37	179.90				211
						All Sp.	3	252.29	49.22	344.26	243.47	219.37	179.90	1806			
		1	8	16.000F	92	W.R. Cedar	5	254.82	63.22	585.26	388.66	347.69	279.26				211
						Hemlock	1	175.19	34.10	136.08	131.32	123.15	123.15				396
						All Sp.	6	430.02	53.31	721.34	519.98	470.85	402.41	1806			
9-L33HL: HCy(FC)	33H	1	9	18.000F	106	W.R. Cedar	1	30.49	86.70	161.62	108.45	97.13	80.49				211

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

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Plot Summary

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 388
Project: CP 388

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: B
TFL: TFL 19
Region: 2 - West Coast
District: 05 - Campbell River

01-Dec-2018 11:03:37AM
Filename: cp 388.ccp
Compiled by: Western Forest Products Inc.
Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

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) 10.00

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 YI	Loss OI	Ref No. M
9-L33HL: HCy(FC)	33H	1	9	18.000F	106	Hemlock	2	160.06	53.51	481.88	476.40	447.48	447.48				396
						Y. Cedar	1	96.24	48.80	220.63	205.62	190.18	189.74				610
						All Sp.	4	286.79	56.54	864.12	790.47	734.80	717.71	1809			
		1	10	18.000F	75	W.R. Cedar	1	378.71	24.60	66.21	60.85	56.22	55.09				211
						Doug-Fir	1	102.87	47.20	149.92	146.18	138.68	137.93				110
						Y. Cedar	2	124.05	60.79	338.34	242.11	218.42	176.52				610
						All Sp.	4	605.64	38.91	554.48	449.13	413.32	369.54	1809			
10-W59: FH 540	W59	C	1	18.000F C	47	Doug-Fir	1										
						Hemlock	1										
						All Sp.	2							1805			
		C	5	18.000F C	73	Doug-Fir	5										
						Hemlock	2										
						All Sp.	7							1805			
		1	2	18.000F	98	Doug-Fir	1	252.96	30.10	145.09	143.64	137.83	137.83			102	
						Hemlock	2	255.38	42.37	423.61	414.06	397.11	397.11			302	
						All Sp.	3	508.34	36.78	568.69	557.69	534.95	534.95	1805			
		1	4	18.000F	105	W.R. Cedar	2	672.95	26.10	237.45	233.55	221.68	221.68			202	
						Doug-Fir	1	43.72	72.40	186.92	185.05	177.57	177.57			102	
						All Sp.	3	716.67	30.97	424.37	418.60	399.25	399.25	1805			
		1	6	18.000F	36	Doug-Fir	5	486.39	48.54	1144.35	1132.90	1087.13	1087.13			102	
						Hemlock	1	195.94	34.20	224.72	215.73	206.74	206.74			302	
						All Sp.	6	682.34	44.89	1369.07	1348.63	1293.87	1293.87	1805			
11-W59: HF(C) 540	W59	C	9	20.000F C	59	W.R. Cedar	1										
						Doug-Fir	5										
						Hemlock	2										
						All Sp.	8							1805			
		1	7	20.000F C	44	W.R. Cedar	2										
						Hemlock	2										
						All Sp.	4							1805			
		1	8	20.000F	66	W.R. Cedar	1	14.98	130.40	263.27	185.61	167.18	139.53				211
						Doug-Fir	1	27.92	95.50	269.06	174.89	161.44	121.35				110
						G-Shatt	1	27.92	95.50	269.06	174.89	161.44	121.35				110
						Hemlock	1	104.77	49.30	270.34	259.53	248.71	248.71			302	
						All Sp.	3	147.67	71.93	802.68	620.02	577.33	509.60	1805			
		1	10	20.000F	21	W.R. Cedar	1	31.44	90.00	219.99	148.71	133.31	110.65				211
						E-Down	1	31.44	90.00	219.99	148.71	133.31	110.65				211
						Doug-Fir	2	501.29	31.87	360.43	356.83	342.41	342.41			102	
						Hemlock	5	1685.44	27.49	1120.33	1110.56	1065.75	1065.75			302	
						All Sp.	8	2218.16	30.31	1700.75	1616.10	1541.47	1518.81	1805			

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

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Plot Summary

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 388
Project: CP 388

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: B
TFL: TFL 19
Region: 2 - West Coast
District: 05 - Campbell River

01-Dec-2018 11:03:37AM
Filename: cp 388.ccp
Compiled by: Western Forest Products Inc.
Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

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) 10.00

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 YI	Loss OI	Ref No. M
12-W59: FH(C) 550	W59	C	23	18.000F C	90	W.R. Cedar	1										
						Doug-Fir	2										
						All Sp.	3							1805			
		C	25	18.000F C	70	W.R. Cedar	1										
						Doug-Fir	3										
						Hemlock	1										
						All Sp.	5							1805			
		C	27	18.000F C	26	Doug-Fir	7										
						All Sp.	7							1805			
		C	29	18.000F C	74	W.R. Cedar	2										
						Doug-Fir	2										
						All Sp.	4							1805			
		C	31	18.000F C	54	W.R. Cedar	1										
						Doug-Fir	2										
						All Sp.	3							1805			
		1	11	18.000F C	75	W.R. Cedar	1										
						Doug-Fir	2										
						Hemlock	2										
						All Sp.	5							1805			
		1	12	18.000F	72	W.R. Cedar	3	724.75	30.80	405.96	349.30	325.74	308.96			202	211
						Doug-Fir	2	34.40	115.43	482.05	320.53	296.43	222.94				110
						Hemlock	4	2400.69	19.54	584.99	580.85	557.45	557.45			302	
						All Sp.	9	3159.84	25.55	1473.00	1250.68	1179.62	1089.35	1805			
		1	13	18.000F C	74	Doug-Fir	5										
						Hemlock	2										
						All Sp.	7							1805			
		1	14	18.000F	63	Doug-Fir	3	117.41	76.53	788.36	778.74	744.29	742.54		101		110
						Hemlock	2	306.97	38.64	545.30	545.30	523.49	523.49		301		
						All Sp.	5	424.37	51.96	1333.67	1324.04	1267.78	1266.03	1805			
		1	15	18.000F C	87	Doug-Fir	3										
						Hemlock	2										
						All Sp.	5							1805			
		1	16	18.000F	37	W.R. Cedar	3	62.98	104.48	547.31	378.16	339.85	282.74				211
						Doug-Fir	1	25.50	94.80	248.82	248.82	238.86	238.86		101		
						Hemlock	4	638.86	37.88	1033.02	1033.02	991.70	991.70		301		
						All Sp.	8	727.34	50.21	1829.15	1659.99	1570.41	1513.30	1805			
		1	17	18.000F C	73	W.R. Cedar	1										
						Doug-Fir	2										

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

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Plot Summary

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 388
Project: CP 388

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: B
TFL: TFL 19
Region: 2 - West Coast
District: 05 - Campbell River

01-Dec-2018 11:03:37AM
Filename: cp 388.ccp
Compiled by: Western Forest Products Inc.
Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

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) 10.00

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 YI	Loss OI	Ref No. M
12-W59: FH(C) 550	W59	1	17	18.000F C	73	Hemlock	2										
						All Sp.	5							1805			
		1	18	18.000F	75	W.R. Cedar	1	69.08	57.60								211
						Doug-Fir	2	21.45	146.17	544.77	453.70	426.46	384.22				110
						Hemlock	4	378.29	49.23	999.60	876.61	816.63	769.91				396
						E-Down	2	278.64	40.56	428.67	365.74	340.02	316.94				396
						All Sp.	7	468.82	58.50	1544.37	1330.31	1243.10	1154.13	1805			
		1	19	18.000F C	69	Doug-Fir	3										
						Hemlock	1										
						All Sp.	4							1805			
		1	20	18.000F	69	Doug-Fir	3	114.01	77.66	731.67	731.67	702.41	702.41		101		
						Hemlock	1	76.60	54.70	282.86	282.86	271.54	271.54		301		
						All Sp.	4	190.61	69.35	1014.53	1014.53	973.95	973.95	1805			
		1	22	18.000F	79	W.R. Cedar	3	46.19	122.01	789.22	551.41	496.16	412.39				211
						E-Down	1	21.07	104.30	265.44	182.89	164.31	136.97				211
						Hemlock	2	100.47	67.54	556.94	534.67	512.39	512.39			302	
						All Sp.	5	146.65	88.40	1346.17	1086.07	1008.55	924.78	1805			
		1	24	18.000F	79	Doug-Fir	6	265.56	71.96	1601.43	1585.41	1521.35	1521.35			102	
						Hemlock	1	48.00	69.10	272.04	269.32	258.44	258.44			302	
						All Sp.	7	313.56	71.53	1873.46	1854.73	1779.79	1779.79	1805			
		1	26	18.000F	66	Doug-Fir	2	94.85	69.52	530.37	525.07	503.85	503.85			102	
						Hemlock	2	193.96	48.61	610.03	595.76	571.36	571.36			302	
						E-Down	1	143.96	39.90	272.03	261.15	250.27	250.27			302	
						All Sp.	4	288.81	56.34	1140.40	1120.83	1075.22	1075.22	1805			
		1	28	18.000F	35	W.R. Cedar	1	331.34	26.30	120.07	117.67	111.66	111.66			202	
						Hemlock	1	38.55	77.10	251.42	248.90	238.85	238.85			302	
						All Sp.	2	369.89	35.20	371.49	366.57	350.51	350.51	1805			
		1	30	18.000F	39	W.R. Cedar	1	78.60	54.00	180.67	177.06	168.03	168.03			202	
						Hemlock	3	247.96	52.66	774.34	766.60	735.62	735.62			302	
						All Sp.	4	326.56	52.98	955.01	943.66	903.65	903.65	1805			

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

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Plot Frequency Report

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 388
Project: CP 388

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: B
TFL: TFL 19
Region: 2 - West Coast
District: 05 - Campbell River

01-Dec-2018 11:03:37AM
Filename: cp 388.ccp
Compiled by: Western Forest Products Inc.
Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Measure Plots

Blocks	Timber Type 1	2	3	4	5	6	7	8	9	10	11	12
BLOCK 33H (M)												
# of Plots						1	2	4	2			
ha / Plot						0.50	1.05	0.85	0.75			
BLOCK 534 (I)												
# of Plots	8	3										
ha / Plot	0.45	0.37										
BLOCK 537 (I)												
# of Plots			14	3								
ha / Plot			0.91	0.57								
BLOCK 585 (I)												
# of Plots					7							
ha / Plot					0.93							
BLOCK W59 (I)												
# of Plots										3	2	10
ha / Plot										1.20	1.85	1.61
Cutting Permit												
# of Plots	8	3	14	3	7	1	2	4	2	3	2	10
ha / Plot	0.45	0.37	0.91	0.57	0.93	0.50	1.05	0.85	0.75	1.20	1.85	1.61

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

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Plot Frequency Report

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 388
Project: CP 388

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: B
TFL: TFL 19
Region: 2 - West Coast
District: 05 - Campbell River

01-Dec-2018 11:03:37AM
Filename: cp 388.ccp
Compiled by: Western Forest Products Inc.
Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Measure Plots

Harvest Methods	Timber Type 1	2	3	4	5	6	7	8	9	10	11	12
METHOD CC												
# of Plots			4		3					2	1	10
ha / Plot			1.02		0.97					1.00	2.20	1.61
METHOD HL												
# of Plots						1	2	4	2			
ha / Plot						0.50	1.05	0.85	0.75			
METHOD SC												
# of Plots	8	3	10	3	4					1	1	
ha / Plot	0.45	0.37	0.86	0.57	0.90					1.60	1.50	
All Methods												
# of Plots	8	3	14	3	7	1	2	4	2	3	2	10
ha / Plot	0.45	0.37	0.91	0.57	0.93	0.50	1.05	0.85	0.75	1.20	1.85	1.61

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

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Plot Frequency Report

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 388
Project: CP 388

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: B
TFL: TFL 19
Region: 2 - West Coast
District: 05 - Campbell River

01-Dec-2018 11:03:37AM
Filename: cp 388.ccp
Compiled by: Western Forest Products Inc.
Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Count Plots

Blocks	Timber Type 1	2	3	4	5	6	7	8	9	10	11	12
BLOCK 33H (M)												
# of Plots												
ha / Plot												
BLOCK 534 (I)												
# of Plots												
ha / Plot												
BLOCK 537 (I)												
# of Plots												
ha / Plot												
BLOCK 585 (I)												
# of Plots												
ha / Plot												
BLOCK W59 (I)												
# of Plots										2	2	10
ha / Plot										1.80	1.85	1.61
Cutting Permit												
# of Plots										2	2	10
ha / Plot										1.80	1.85	1.61

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

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Plot Frequency Report

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 388
Project: CP 388

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: B
TFL: TFL 19
Region: 2 - West Coast
District: 05 - Campbell River

01-Dec-2018 11:03:37AM
Filename: cp 388.ccp
Compiled by: Western Forest Products Inc.
Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Count Plots

Harvest Methods	Timber Type 1	2	3	4	5	6	7	8	9	10	11	12
METHOD CC												
# of Plots										2	2	10
ha / Plot										1.00	1.10	1.61
METHOD HL												
# of Plots												
ha / Plot												
METHOD SC												
# of Plots												
ha / Plot												
All Methods												
# of Plots										2	2	10
ha / Plot										1.80	1.85	1.61

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

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*** FOR APPRAISAL PURPOSES ***

WESTERN FOREST PRODUCTS INC.

Cruise Compilation Project Report

Project Identification		**Compilation Specifications**	
Location of Cruise	: Gold River/Zeballos/Leiner	Volume and Taper Equations	: A. Kozak 1989
Licence	: TFL 19	Decay Waste and Breakage Factors	: BCFS Zonal and PSYU
Project Number	: CP 388	Compiled By	: Western Forest Products Inc.
Cutting Permit	: 388	Cruised By	: BELL, PATRICK, DEXTER
Forest Inventory Zone	: B	Under Licence From	: Industrial Forestry Service Ltd.
Forest District	: 05	Program Version	: 2018.00
Sustained Yield Unit	: TFL : TFL 19	Date of Compilation	: 01-Dec-2018 : 11:03:37AM
		Method	: Average Line Method

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

British Columbia Close Utilization
Net Volume (Gross Volume less DWB)

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) 10.00

Block Areas

		Treatment Units
Blocks	Total	TFL 19
Block 33H		
Type 6	0.50	0.50
Type 7	2.10	2.10
Type 8	3.40	3.40
Type 9	1.50	1.50
Total	7.50	7.50
Block 534		
Type 1	3.60	3.60
Type 2	1.10	1.10
Total	4.70	4.70
Block 537		
Type 3	12.70	12.70
Type 4	1.70	1.70
Total	14.40	14.40
Block 585		
Type 5	6.50	6.50
Total	6.50	6.50
Block W59		
Type 10	3.60	3.60
Type 11	3.70	3.70
Type 12	16.10	16.10
Total	23.40	23.40

Harvest Method Areas

		Treatment Units
Harvest Methods	Total	TFL 19
Method CC		
Type 3	4.10	4.10

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*** FOR APPRAISAL PURPOSES ***

WESTERN FOREST PRODUCTS INC.

Cruise Compilation Project Report

Harvest Methods	Total	Treatment Units TFL 19
Method CC		
Type 5	2.90	2.90
Type 10	2.00	2.00
Type 11	2.20	2.20
Type 12	16.10	16.10
Total	27.30	27.30
Method HL		
Type 6	0.50	0.50
Type 7	2.10	2.10
Type 8	3.40	3.40
Type 9	1.50	1.50
Total	7.50	7.50
Method SC		
Type 1	3.60	3.60
Type 2	1.10	1.10
Type 3	8.60	8.60
Type 4	1.70	1.70
Type 5	3.60	3.60
Type 10	1.60	1.60
Type 11	1.50	1.50
Total	21.70	21.70

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Block Harvest Method

Average Line Method | Grades: MOF Computerized | FIZ: B | 01-Dec-2018 11:03:37AM
WESTERN FOREST PRODUCTS INC. | Computerized Decay | TFL: TFL 19 | Filename: cp 388.ccp
Licence Number: TFL 19 CP: 388 | Computerized Waste | Region: 2 - West Coast | Compiled by: Western Forest Products Inc.
Project: CP 388 | Computerized Breakage | District: 05 - Campbell River | Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Net Area: Block : (M) - 33H:L33HL, Plots in Block: 9, [Method HL : 7.5]
Gross Area: [Reserves : 3.7][Grand Total : 11.2]

		Total	Conifer	Decid	F	C	H	B	Y	D
Utilization Limits										
Min DBH cm (M)					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
Top Dia cm (M)					15.0	15.0	15.0	15.0	15.0	15.0
Log Len m					10.0	10.0	10.0	10.0	10.0	10.0
Volume and Size Data										
Gross Merchantable	m3	5852	5852		534	3372	1385	142	419	
Net Merchantable	m3	3944	3944		498	1793	1251	127	275	
Net Merch - All	m3/ha	526	526		66	239	167	17	37	
Distribution	%	100	100		13	45	32	3	7	
Decay	%	19	19		2	29	3	5	20	
Waste	%	7	7		0	11	1	1	8	
Waste(billing)	%	10	10		0	20	1	1	12	
Breakage	%	7	7		5	7	6	5	7	
Total Cull (DWB)	%	33	33		7	47	10	11	34	
Basal Area / Ha	m2/ha	88.1	88.1		6.4	56.4	18.1	1.8	5.4	
Net VBAR	m3/m2	5.985	5.985		10.072	4.072	9.250	4.235	1.357	
Stems/Ha (Live & DP)		377.0	377.0		15.2	210.4	125.1	4.2	22.0	
Avg DBH (Live & DP)	cm	54.6	54.6		73.2	58.4	43.0	74.4	55.9	
Snags/Ha										
Avg Snag DBH	cm									
Gross Merch Vol/Tree	m3	2.07	2.07		4.67	2.14	1.48	4.54	2.54	
Net Merch Vol/Tree	m3	1.40	1.40		4.36	1.14	1.33	4.06	1.66	
Avg Weight Total Ht	m	31.1	31.1		41.5	30.4	29.3	27.6	30.4	
Avg Weight Merch Ht	m	25.2	25.2		36.7	24.5	22.6	23.3	23.7	
Avg 10.0 m Log Net	m3	0.74	0.74		1.73	0.69	0.63	1.43	0.74	
Avg 10.0 m Log Gross	m3	1.00	1.00		1.76	1.15	0.65	1.51	1.03	
Avg # of 10.0 m Logs/Tree		2.07	2.07		2.65	1.86	2.26	3.00	2.47	
Net Immature	%									
Net 2nd Growth	%									
Average Slope	%	87								
Algorithm Grades %										
#3 Peeler	C	2	2		14					
#1 Lum/#1 Prem	D	3	3		21	1				
#2 Lum/#1 Lum	F	4	4				6	68		
#2 Sawlog	H	26	26		23	38	19			
#3 Sawlog	I	5	5			3	11			
#4 Sawlog	J	31	31		21	19	43		94	
#2 Shingle	K	1	1			3				
#3 Shingle	L	1	1			1				
#4 Shingle	M	1	1			2				
#5 Utility	U	20	20		18	27	13	30		
#6 Utility	X	3	3			1	8	2	6	
#7 Chipper	Y	3	3		3	5				
Statistical Summary										
Coeff. of Variation	%	32.5	32.5		181.5	31.1	107.4	300.0	10.8	
Two Standard Error	%	27.8	27.8		155.6	26.7	92.1	257.1	9.3	
Number and Type of Plots		MP = 9								
Number of Potential Trees		44								
Plots/Ha		1.2								
Cruised Trees/Plot		4.9								

Slope % Statistics

Min= 64, Max=138, CV=25.8, Std Error of Mean=7.5, 2SE%=19.8

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

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Block Harvest Method

Average Line Method | Grades: MOF Computerized | FIZ: B | 01-Dec-2018 11:03:37AM
WESTERN FOREST PRODUCTS INC. | Computerized Decay | TFL: TFL 19 | Filename: cp 388.ccp
Licence Number: TFL 19 CP: 388 | Computerized Waste | Region: 2 - West Coast | Compiled by: Western Forest Products Inc.
Project: CP 388 | Computerized Breakage | District: 05 - Campbell River | Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Net Area: Block : (I) - 534:K534, Plots in Block: 11, [Method SC : 4.7]
Gross Area: [R/W Removed : 1.2][Reserves : 0.7][Grand Total : 6.6]

		Total	Conifer	Decid	F	C	H	B	Y	D
Utilization Limits										
Min DBH cm (I)					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
Top Dia cm (I)					10.0	10.0	10.0	10.0	10.0	10.0
Log Len m					10.0	10.0	10.0	10.0	10.0	10.0
Volume and Size Data										
Gross Merchantable	m3	2751	2496	255	1950		546			255
Net Merchantable	m3	2638	2396	241	1872		524			241
Net Merch - All	m3/ha	561	510	51	398		112			51
Distribution	%	100	91	9	71		20			9
Decay	%	0		0						0
Waste	%									
Waste(billing)	%									
Breakage	%	4	4	5	4		4			5
Total Cull (DWB)	%	4	4	5	4		4			5
Basal Area / Ha	m2/ha	56.2	50.9	5.4	39.6		11.3			5.4
Net VBAR	m3/m2	9.996	10.018		10.075		9.775			7.332
Stems/Ha (Live & DP)		769.8	618.8	151.0	432.4		186.4			151.0
Avg DBH (Live & DP)	cm	30.5	32.4	21.3	34.1		27.8			21.3
Snags/Ha										
Avg Snag DBH	cm									
Gross Merch Vol/Tree	m3	0.76	0.86	0.36	0.96		0.62			0.36
Net Merch Vol/Tree	m3	0.73	0.82	0.34	0.92		0.60			0.34
Avg Weight Total Ht	m	31.5	32.2	24.8	33.6		27.3			24.8
Avg Weight Merch Ht	m	26.0	26.8	17.1	28.4		21.2			17.1
Avg 10.0 m Log Net	m3	0.36	0.40	0.18	0.41		0.36			0.18
Avg 10.0 m Log Gross	m3	0.36	0.40	0.18	0.41		0.36			0.18
Avg # of 10.0 m Logs/Tree		2.14	2.17	2.00	2.36		1.74			2.00
Net Immature	%	90.9	100.0		100.0		100.0			
Net 2nd Growth	%		100.0							
Average Slope	%	11								
Algorithm Grades %										
#2 Sawlog	H	4	4		5					
#4 Sawlog	J	61	69		69		69			
#5 Utility	U	25	20	73	17		30			73
#6 Utility	X	7	7		9		1			
#7 Chipper	Y	3		27						27
Statistical Summary										
Coeff. of Variation	%	24.4	44.4		65.8		149.2			331.7
Two Standard Error	%	16.6	30.3		44.9		101.7			226.2
Number and Type of Plots		MP = 11								
Number of Potential Trees		44								
Plots/Ha		2.3								
Cruised Trees/Plot		4.0								

Slope % Statistics

Min= 3, Max= 35, CV=100.4, Std Error of Mean=3.6, 2SE%=67.4

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

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Block Harvest Method

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 388
Project: CP 388

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: B
TFL: TFL 19
Region: 2 - West Coast
District: 05 - Campbell River

01-Dec-2018 11:03:37AM
Filename: cp 388.ccp
Compiled by: Western Forest Products Inc.
Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Net Area: Block : (I) - 537:K537, Plots in Block: 17, [All Harvest Methods : 14.4]
Gross Area: [R/W Removed : 4.4][Reserves : 2.9][Grand Total : 21.7]

		Total	Conifer	Decid	F	C	H	B	Y	D
Utilization Limits										
Min DBH cm (I)					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
Top Dia cm (I)					10.0	10.0	10.0	10.0	10.0	10.0
Log Len m					10.0	10.0	10.0	10.0	10.0	10.0
Volume and Size Data										
Gross Merchantable	m3	8942	8942		7195		1577	170		
Net Merchantable	m3	8584	8584		6907		1514	164		
Net Merch - All	m3/ha	596	596		480		105	11		
Distribution	%	100	100		80		18	2		
Decay	%									
Waste	%									
Waste(billing)	%									
Breakage	%	4	4		4		4	4		
Total Cull (DWB)	%	4	4		4		4	4		
Basal Area / Ha	m2/ha	63.1	63.1		51.0		11.1	0.9		
Net VBAR	m3/m2	9.483	9.483		9.396		9.718	11.359		
Stems/Ha (Live & DP)		780.5	780.5		595.2		179.3	6.0		
Avg DBH (Live & DP)	cm	32.1	32.1		33.0		28.1	43.4		
Snags/Ha										
Avg Snag DBH	cm									
Gross Merch Vol/Tree	m3	0.80	0.80		0.84		0.61	1.98		
Net Merch Vol/Tree	m3	0.76	0.76		0.81		0.59	1.91		
Avg Weight Total Ht	m	30.0	30.0		30.8		26.0	32.1		
Avg Weight Merch Ht	m	24.7	24.7		25.6		20.0	27.8		
Avg 10.0 m Log Net	m3	0.35	0.35		0.36		0.31	0.66		
Avg 10.0 m Log Gross	m3	0.35	0.35		0.36		0.31	0.66		
Avg # of 10.0 m Logs/Tree		2.24	2.24		2.32		1.95	3.00		
Net Immature	%	100.0	100.0		100.0		100.0	100.0		
Net 2nd Growth	%		100.0							
Average Slope	%	46								
Algorithm Grades %										
#2 Sawlog	H	1	1		1					
#4 Sawlog	J	76	76		76		77	91		
#5 Utility	U	18	18		17		22	9		
#6 Utility	X	5	5		6		1			
#7 Chipper	Y									
Statistical Summary										
Coeff. of Variation	%	48.0	48.0		73.5		182.0	412.3		
Two Standard Error	%	24.8	24.8		38.0		94.1	213.1		
Number and Type of Plots		MP = 17								
Number of Potential Trees		76								
Plots/Ha		1.2								
Cruised Trees/Plot		4.5								

Slope % Statistics

Min= 11, Max= 64, CV=37.1, Std Error of Mean=4.0, 2SE%=19.1

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

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Block Harvest Method

Average Line Method | Grades: MOF Computerized | FIZ: B | 01-Dec-2018 11:03:37AM
WESTERN FOREST PRODUCTS INC. | Computerized Decay | TFL: TFL 19 | Filename: cp 388.ccp
Licence Number: TFL 19 CP: 388 | Computerized Waste | Region: 2 - West Coast | Compiled by: Western Forest Products Inc.
Project: CP 388 | Computerized Breakage | District: 05 - Campbell River | Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Net Area: Block : (I) - 537:K537, Plots in Block: 4, [Method CC : 4.1]

		Total	Conifer	Decid	F	C	H	B	Y	D
Utilization Limits										
Min DBH cm (I)					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
Top Dia cm (I)					10.0	10.0	10.0	10.0	10.0	10.0
Log Len m					10.0	10.0	10.0	10.0	10.0	10.0
Volume and Size Data										
Gross Merchantable	m3	2522	2522		1993		474	55		
Net Merchantable	m3	2421	2421		1913		455	53		
Net Merch - All	m3/ha	590	590		467		111	13		
Distribution	%	100	100		79		19	2		
Decay	%									
Waste	%									
Waste(billing)	%									
Breakage	%	4	4		4		4	4		
Total Cull (DWB)	%	4	4		4		4	4		
Basal Area / Ha	m2/ha	64.0	64.0		51.0		12.0	1.0		
Net VBAR	m3/m2	9.483	9.483		9.396		9.718	11.359		
Stems/Ha (Live & DP)		838.5	838.5		635.6		196.1	6.8		
Avg DBH (Live & DP)	cm	31.2	31.2		32.0		27.9	43.4		
Snags/Ha										
Avg Snag DBH	cm									
Gross Merch Vol/Tree	m3	0.73	0.73		0.76		0.59	1.98		
Net Merch Vol/Tree	m3	0.70	0.70		0.73		0.57	1.91		
Avg Weight Total Ht	m	29.0	29.0		29.8		25.4	32.1		
Avg Weight Merch Ht	m	23.6	23.6		24.5		19.5	27.8		
Avg 10.0 m Log Net	m3	0.34	0.34		0.34		0.31	0.66		
Avg 10.0 m Log Gross	m3	0.34	0.34		0.34		0.31	0.66		
Avg # of 10.0 m Logs/Tree		2.19	2.19		2.26		1.91	3.00		
Net Immature	%	100.0	100.0		100.0		100.0	100.0		
Net 2nd Growth	%		100.0							
Average Slope	%	61								
Algorithm Grades %										
#2 Sawlog	H									
#4 Sawlog	J	76	76		76		76	91		
#5 Utility	U	18	18		17		23	9		
#6 Utility	X	6	6		7		1			
#7 Chipper	Y									
Statistical Summary										
Coeff. of Variation	%	48.0	48.0		73.5		182.0	412.3		
Two Standard Error	%	24.8	24.8		38.0		94.1	213.1		
Number and Type of Plots		MP = 4								
Number of Potential Trees		15								
Plots/Ha		1.0								
Cruised Trees/Plot		3.8								
Slope % Statistics										

Min= 58, Max= 64, CV=4.4, Std Error of Mean=1.3, 2SE%=7.0

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

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Block Harvest Method

Average Line Method | Grades: MOF Computerized | FIZ: B | 01-Dec-2018 11:03:37AM
WESTERN FOREST PRODUCTS INC. | Computerized Decay | TFL: TFL 19 | Filename: cp 388.ccp
Licence Number: TFL 19 CP: 388 | Computerized Waste | Region: 2 - West Coast | Compiled by: Western Forest Products Inc.
Project: CP 388 | Computerized Breakage | District: 05 - Campbell River | Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Net Area: Block : (I) - 537:K537, Plots in Block: 13, [Method SC : 10.3]

		Total	Conifer	Decid	F	C	H	B	Y	D
Utilization Limits										
Min DBH cm (I)					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
Top Dia cm (I)					10.0	10.0	10.0	10.0	10.0	10.0
Log Len m					10.0	10.0	10.0	10.0	10.0	10.0
Volume and Size Data										
Gross Merchantable	m3	6420	6420		5202		1103	115		
Net Merchantable	m3	6163	6163		4994		1059	111		
Net Merch - All	m3/ha	598	598		485		103	11		
Distribution	%	100	100		81		17	2		
Decay	%									
Waste	%									
Waste(billing)	%									
Breakage	%	4	4		4		4	4		
Total Cull (DWB)	%	4	4		4		4	4		
Basal Area / Ha	m2/ha	62.7	62.7		51.1		10.8	0.8		
Net VBAR	m3/m2	9.483	9.483		9.396		9.718	11.359		
Stems/Ha (Live & DP)		757.4	757.4		579.1		172.6	5.6		
Avg DBH (Live & DP)	cm	32.5	32.5		33.5		28.2	43.4		
Snags/Ha										
Avg Snag DBH	cm									
Gross Merch Vol/Tree	m3	0.82	0.82		0.87		0.62	1.98		
Net Merch Vol/Tree	m3	0.79	0.79		0.84		0.60	1.91		
Avg Weight Total Ht	m	30.4	30.4		31.2		26.3	32.1		
Avg Weight Merch Ht	m	25.1	25.1		26.0		20.2	27.8		
Avg 10.0 m Log Net	m3	0.36	0.36		0.37		0.32	0.66		
Avg 10.0 m Log Gross	m3	0.36	0.36		0.37		0.32	0.66		
Avg # of 10.0 m Logs/Tree		2.27	2.27		2.35		1.97	3.00		
Net Immature	%	100.0	100.0		100.0		100.0	100.0		
Net 2nd Growth	%		100.0							
Average Slope	%	41								
Algorithm Grades %										
#2 Sawlog	H	1	1		2					
#4 Sawlog	J	77	77		75		78	91		
#5 Utility	U	17	17		17		21	9		
#6 Utility	X	5	5		6		1			
#7 Chipper	Y									
Statistical Summary										
Coeff. of Variation	%	48.0	48.0		73.5		182.0	412.3		
Two Standard Error	%	24.8	24.8		38.0		94.1	213.1		
Number and Type of Plots		MP = 13								
Number of Potential Trees		61								
Plots/Ha		1.3								
Cruised Trees/Plot		4.7								

Slope % Statistics

Min= 11, Max= 64, CV=40.0, Std Error of Mean=4.4, 2SE%=24.2

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

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Block Harvest Method

Average Line Method | Grades: MOF Computerized | FIZ: B | 01-Dec-2018 11:03:37AM
WESTERN FOREST PRODUCTS INC. | Computerized Decay | TFL: TFL 19 | Filename: cp 388.ccp
Licence Number: TFL 19 CP: 388 | Computerized Waste | Region: 2 - West Coast | Compiled by: Western Forest Products Inc.
Project: CP 388 | Computerized Breakage | District: 05 - Campbell River | Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Net Area: Block : (I) - 585:K585, Plots in Block: 7, [All Harvest Methods : 6.5]
Gross Area: [R/W Removed : 1.2][Reserves : 0.9][Grand Total : 8.6]

		Total	Conifer	Decid	F	C	H	B	Y	D
Utilization Limits										
Min DBH cm (I)					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
Top Dia cm (I)					10.0	10.0	10.0	10.0	10.0	10.0
Log Len m					10.0	10.0	10.0	10.0	10.0	10.0
Volume and Size Data										
Gross Merchantable	m3	4859	4859		2626		2233			
Net Merchantable	m3	4665	4665		2521		2144			
Net Merch - All	m3/ha	718	718		388		330			
Distribution	%	100	100		54		46			
Decay	%									
Waste	%									
Waste(billing)	%									
Breakage	%	4	4		4		4			
Total Cull (DWB)	%	4	4		4		4			
Basal Area / Ha	m2/ha	70.0	70.0		38.0		32.0			
Net VBAR	m3/m2	10.253	10.253		10.208		10.306			
Stems/Ha (Live & DP)		748.1	748.1		263.8		484.3			
Avg DBH (Live & DP)	cm	34.5	34.5		42.8		29.0			
Snags/Ha										
Avg Snag DBH	cm									
Gross Merch Vol/Tree	m3	1.00	1.00		1.53		0.71			
Net Merch Vol/Tree	m3	0.96	0.96		1.47		0.68			
Avg Weight Total Ht	m	31.3	31.3		34.1		28.1			
Avg Weight Merch Ht	m	25.8	25.8		29.3		21.8			
Avg 10.0 m Log Net	m3	0.40	0.40		0.50		0.33			
Avg 10.0 m Log Gross	m3	0.40	0.40		0.50		0.33			
Avg # of 10.0 m Logs/Tree		2.49	2.49		3.09		2.16			
Net Immature	%	100.0	100.0		100.0		100.0			
Net 2nd Growth	%		100.0							
Average Slope	%	60								
Algorithm Grades %										
#2 Sawlog	H	11	11		16		4			
#4 Sawlog	J	61	61		66		55			
#5 Utility	U	26	26		16		38			
#6 Utility	X	2	2		2		2			
#7 Chipper	Y						1			
Statistical Summary										
Coeff. of Variation	%	42.0	42.0		88.2		120.9			
Two Standard Error	%	38.8	38.8		81.6		111.8			
Number and Type of Plots		MP = 7								
Number of Potential Trees		35								
Plots/Ha		1.1								
Cruised Trees/Plot		5.0								

Slope % Statistics

Min= 33, Max= 74, CV=21.8, Std Error of Mean=4.9, 2SE%=20.1

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

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Block Harvest Method

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 388
Project: CP 388

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: B
TFL: TFL 19
Region: 2 - West Coast
District: 05 - Campbell River

01-Dec-2018 11:03:37AM
Filename: cp 388.ccp
Compiled by: Western Forest Products Inc.
Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Net Area: Block : (I) - 585:K585, Plots in Block: 3, [Method CC : 2.9]

		Total	Conifer	Decid	F	C	H	B	Y	D
Utilization Limits										
Min DBH cm (I)					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
Top Dia cm (I)					10.0	10.0	10.0	10.0	10.0	10.0
Log Len m					10.0	10.0	10.0	10.0	10.0	10.0
Volume and Size Data										
Gross Merchantable	m3	2168	2168		1172		996			
Net Merchantable	m3	2081	2081		1125		956			
Net Merch - All	m3/ha	718	718		388		330			
Distribution	%	100	100		54		46			
Decay	%									
Waste	%									
Waste(billing)	%									
Breakage	%	4	4		4		4			
Total Cull (DWB)	%	4	4		4		4			
Basal Area / Ha	m2/ha	70.0	70.0		38.0		32.0			
Net VBAR	m3/m2	10.253	10.253		10.208		10.306			
Stems/Ha (Live & DP)		748.1	748.1		263.8		484.3			
Avg DBH (Live & DP)	cm	34.5	34.5		42.8		29.0			
Snags/Ha										
Avg Snag DBH	cm									
Gross Merch Vol/Tree	m3	1.00	1.00		1.53		0.71			
Net Merch Vol/Tree	m3	0.96	0.96		1.47		0.68			
Avg Weight Total Ht	m	31.3	31.3		34.1		28.1			
Avg Weight Merch Ht	m	25.8	25.8		29.3		21.8			
Avg 10.0 m Log Net	m3	0.40	0.40		0.50		0.33			
Avg 10.0 m Log Gross	m3	0.40	0.40		0.50		0.33			
Avg # of 10.0 m Logs/Tree		2.49	2.49		3.09		2.16			
Net Immature	%	100.0	100.0		100.0		100.0			
Net 2nd Growth	%		100.0							
Average Slope	%	66								
Algorithm Grades %										
#2 Sawlog	H	11	11		16		4			
#4 Sawlog	J	61	61		66		55			
#5 Utility	U	26	26		16		38			
#6 Utility	X	2	2		2		2			
#7 Chipper	Y						1			
Statistical Summary										
Coeff. of Variation	%	42.0	42.0		88.2		120.9			
Two Standard Error	%	38.8	38.8		81.6		111.8			
Number and Type of Plots		MP = 3								
Number of Potential Trees		17								
Plots/Ha		1.0								
Cruised Trees/Plot		5.7								

Slope % Statistics

Min= 57, Max= 74, CV=12.9, Std Error of Mean=4.9, 2SE%=32.2

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

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Block Harvest Method

Average Line Method | Grades: MOF Computerized | FIZ: B | 01-Dec-2018 11:03:37AM
WESTERN FOREST PRODUCTS INC. | Computerized Decay | TFL: TFL 19 | Filename: cp 388.ccp
Licence Number: TFL 19 CP: 388 | Computerized Waste | Region: 2 - West Coast | Compiled by: Western Forest Products Inc.
Project: CP 388 | Computerized Breakage | District: 05 - Campbell River | Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Net Area: Block : (I) - 585:K585, Plots in Block: 4, [Method SC : 3.6]

		Total	Conifer	Decid	F	C	H	B	Y	D
Utilization Limits										
Min DBH cm (I)					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
Top Dia cm (I)					10.0	10.0	10.0	10.0	10.0	10.0
Log Len m					10.0	10.0	10.0	10.0	10.0	10.0
Volume and Size Data										
Gross Merchantable	m3	2691	2691		1455		1237			
Net Merchantable	m3	2584	2584		1396		1187			
Net Merch - All	m3/ha	718	718		388		330			
Distribution	%	100	100		54		46			
Decay	%									
Waste	%									
Waste(billing)	%									
Breakage	%	4	4		4		4			
Total Cull (DWB)	%	4	4		4		4			
Basal Area / Ha	m2/ha	70.0	70.0		38.0		32.0			
Net VBAR	m3/m2	10.253	10.253		10.208		10.306			
Stems/Ha (Live & DP)		748.1	748.1		263.8		484.3			
Avg DBH (Live & DP)	cm	34.5	34.5		42.8		29.0			
Snags/Ha										
Avg Snag DBH	cm									
Gross Merch Vol/Tree	m3	1.00	1.00		1.53		0.71			
Net Merch Vol/Tree	m3	0.96	0.96		1.47		0.68			
Avg Weight Total Ht	m	31.3	31.3		34.1		28.1			
Avg Weight Merch Ht	m	25.8	25.8		29.3		21.8			
Avg 10.0 m Log Net	m3	0.40	0.40		0.50		0.33			
Avg 10.0 m Log Gross	m3	0.40	0.40		0.50		0.33			
Avg # of 10.0 m Logs/Tree		2.49	2.49		3.09		2.16			
Net Immature	%	100.0	100.0		100.0		100.0			
Net 2nd Growth	%		100.0							
Average Slope	%	56								
Algorithm Grades %										
#2 Sawlog	H	11	11		16		4			
#4 Sawlog	J	61	61		66		55			
#5 Utility	U	26	26		16		38			
#6 Utility	X	2	2		2		2			
#7 Chipper	Y						1			
Statistical Summary										
Coeff. of Variation	%	42.0	42.0		88.2		120.9			
Two Standard Error	%	38.8	38.8		81.6		111.8			
Number and Type of Plots		MP = 4								
Number of Potential Trees		18								
Plots/Ha		1.1								
Cruised Trees/Plot		4.5								

Slope % Statistics

Min= 33, Max= 65, CV=27.3, Std Error of Mean=7.6, 2SE%=43.4

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

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Block Harvest Method

Average Line Method | Grades: MOF Computerized | FIZ: B | 01-Dec-2018 11:03:37AM
WESTERN FOREST PRODUCTS INC. | Computerized Decay | TFL: TFL 19 | Filename: cp 388.ccp
Licence Number: TFL 19 CP: 388 | Computerized Waste | Region: 2 - West Coast | Compiled by: Western Forest Products Inc.
Project: CP 388 | Computerized Breakage | District: 05 - Campbell River | Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Net Area: Block : (I) - W59:W59, Plots in Block: 29, [All Harvest Methods : 23.4]
Gross Area: [R/W Removed : 7.0][Reserves : 9.3][Grand Total : 39.7]

		Total	Conifer	Decid	F	C	H	B	Y	D
Utilization Limits										
Min DBH cm (I)					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
Top Dia cm (I)					10.0	10.0	10.0	10.0	10.0	10.0
Log Len m					10.0	10.0	10.0	10.0	10.0	10.0
Volume and Size Data										
Gross Merchantable	m3	27763	27763		13965	3980	9818			
Net Merchantable	m3	23681	23681		12163	2429	9089			
Net Merch - All	m3/ha	1012	1012		520	104	388			
Distribution	%	100	100		51	10	38			
Decay	%	8	8		6	24	3			
Waste	%	3	3		2	8	1			
Waste(billing)	%	3	3		3	13	1			
Breakage	%	5	5		4	7	4			
Total Cull (DWB)	%	15	15		13	39	7			
Basal Area / Ha	m2/ha	93.0	93.0		44.5	16.2	32.3			
Net VBAR	m3/m2	10.853	10.853		11.618	6.397	12.102			
Stems/Ha (Live & DP)		618.4	618.4		161.5	95.3	361.6			
Avg DBH (Live & DP)	cm	43.8	43.8		59.2	46.5	33.7			
Snags/Ha		4.8	4.8			4.8				
Avg Snag DBH	cm	57.6	57.6			57.6				
Gross Merch Vol/Tree	m3	1.92	1.92		3.70	1.78	1.16			
Net Merch Vol/Tree	m3	1.64	1.64		3.22	1.09	1.07			
Avg Weight Total Ht	m	42.8	42.8		48.1	42.1	35.6			
Avg Weight Merch Ht	m	37.8	37.8		43.9	36.0	29.9			
Avg 10.0 m Log Net	m3	0.68	0.68		0.96	0.56	0.51			
Avg 10.0 m Log Gross	m3	0.76	0.76		1.05	0.82	0.53			
Avg # of 10.0 m Logs/Tree		2.54	2.54		3.50	2.17	2.21			
Net Immature	%	80.4	80.4		82.3	34.0	90.3			
Net 2nd Growth	%		80.4							
Average Slope	%	62								
Algorithm Grades %										
#3 Peeler	C	1	1		1					
#1 Lum/#1 Prem	D	3	3		6	2				
#2 Lum/#1 Lum	F				1					
#2 Sawlog	H	30	30		29	32	27			
#3 Sawlog	I	18	18		27	10	9			
#4 Sawlog	J	29	29		22	12	44			
#2 Shingle	K					4				
#3 Shingle	L					3				
#4 Shingle	M	1	1			6				
#5 Utility	U	14	14		9	27	18			
#6 Utility	X	3	3		4		2			
#7 Chipper	Y	1	1		1	4				
Statistical Summary										
Coeff. of Variation	%	38.5	38.5		62.6	98.6	64.3			
Two Standard Error	%	20.5	20.5		33.2	52.3	34.2			
Number and Type of Plots		MP = 15	CP = 14							
Number of Potential Trees		77								
Plots/Ha		1.2								
Cruised Trees/Plot		5.0								

Slope % Statistics

Min= 21, Max=105, CV=32.8, Std Error of Mean=3.9, 2SE%=12.5

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

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Block Harvest Method

Average Line Method | Grades: MOF Computerized | FIZ: B | 01-Dec-2018 11:03:37AM
WESTERN FOREST PRODUCTS INC. | Computerized Decay | TFL: TFL 19 | Filename: cp 388.ccp
Licence Number: TFL 19 CP: 388 | Computerized Waste | Region: 2 - West Coast | Compiled by: Western Forest Products Inc.
Project: CP 388 | Computerized Breakage | District: 05 - Campbell River | Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Net Area: Block : (I) - W59:W59, Plots in Block: 27, [Method CC : 20.3]

		Total	Conifer	Decid	F	C	H	B	Y	D
Utilization Limits										
Min DBH cm (I)					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
Top Dia cm (I)					10.0	10.0	10.0	10.0	10.0	10.0
Log Len m					10.0	10.0	10.0	10.0	10.0	10.0
Volume and Size Data										
Gross Merchantable	m3	24443	24443		12458	3451	8534			
Net Merchantable	m3	20871	20871		10866	2124	7881			
Net Merch - All	m3/ha	1028	1028		535	105	388			
Distribution	%	100	100		52	10	38			
Decay	%	7	7		6	24	3			
Waste	%	3	3		2	8	1			
Waste(billing)	%	3	3		3	13	1			
Breakage	%	5	5		4	7	4			
Total Cull (DWB)	%	15	15		13	38	8			
Basal Area / Ha	m2/ha	92.7	92.7		44.6	16.3	31.8			
Net VBAR	m3/m2	10.853	10.853		11.618	6.397	12.102			
Stems/Ha (Live & DP)		581.8	581.8		137.1	97.1	347.5			
Avg DBH (Live & DP)	cm	45.0	45.0		64.4	46.2	34.1			
Snags/Ha		5.5	5.5			5.5				
Avg Snag DBH	cm	57.6	57.6			57.6				
Gross Merch Vol/Tree	m3	2.07	2.07		4.48	1.75	1.21			
Net Merch Vol/Tree	m3	1.77	1.77		3.90	1.08	1.12			
Avg Weight Total Ht	m	43.7	43.7		49.3	41.9	36.3			
Avg Weight Merch Ht	m	38.8	38.8		45.2	35.8	30.7			
Avg 10.0 m Log Net	m3	0.73	0.73		1.09	0.54	0.54			
Avg 10.0 m Log Gross	m3	0.81	0.81		1.20	0.79	0.56			
Avg # of 10.0 m Logs/Tree		2.55	2.55		3.74	2.23	2.17			
Net Immature	%	79.5	79.5		81.3	35.5	88.9			
Net 2nd Growth	%		79.5							
Average Slope	%	66								
Algorithm Grades %										
#3 Peeler	C				1					
#1 Lum/#1 Prem	D	4	4		7	2				
#2 Lum/#1 Lum	F	1	1		1					
#2 Sawlog	H	30	30		29	31	29			
#3 Sawlog	I	20	20		29	10	10			
#4 Sawlog	J	27	27		20	12	42			
#2 Shingle	K					4				
#3 Shingle	L					3				
#4 Shingle	M	1	1			6				
#5 Utility	U	14	14		8	28	18			
#6 Utility	X	2	2		4		1			
#7 Chipper	Y	1	1		1	4				
Statistical Summary										
Coeff. of Variation	%	38.5	38.5		62.6	98.6	64.3			
Two Standard Error	%	20.5	20.5		33.2	52.3	34.2			
Number and Type of Plots		MP = 13	CP = 14							
Number of Potential Trees		63								
Plots/Ha		1.3								
Cruised Trees/Plot		4.9								

Slope % Statistics

Min= 26, Max=105, CV=28.7, Std Error of Mean=3.7, 2SE%=11.4

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

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Block Harvest Method

Average Line Method | Grades: MOF Computerized | FIZ: B | 01-Dec-2018 11:03:37AM
WESTERN FOREST PRODUCTS INC. | Computerized Decay | TFL: TFL 19 | Filename: cp 388.ccp
Licence Number: TFL 19 CP: 388 | Computerized Waste | Region: 2 - West Coast | Compiled by: Western Forest Products Inc.
Project: CP 388 | Computerized Breakage | District: 05 - Campbell River | Cruised by: BELL, PATRICK, DEXTER
Version: 2018.00 IFS build 6202

Net Area: Block : (I) - W59:W59, Plots in Block: 2, [Method SC : 3.1]

		Total	Conifer	Decid	F	C	H	B	Y	D
Utilization Limits										
Min DBH cm (I)					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
Top Dia cm (I)					10.0	10.0	10.0	10.0	10.0	10.0
Log Len m					10.0	10.0	10.0	10.0	10.0	10.0
Volume and Size Data										
Gross Merchantable	m3	3320	3320		1507	529	1284			
Net Merchantable	m3	2811	2811		1297	305	1208			
Net Merch - All	m3/ha	907	907		418	99	390			
Distribution	%	100	100		46	11	43			
Decay	%	8	8		7	27	2			
Waste	%	3	3		3	9				
Waste(billing)	%	3	3		3	15				
Breakage	%	5	5		4	7	4			
Total Cull (DWB)	%	15	15		14	42	6			
Basal Area / Ha	m2/ha	94.7	94.7		43.5	15.8	35.3			
Net VBAR	m3/m2	10.853	10.853		11.618	6.397	12.102			
Stems/Ha (Live & DP)		858.4	858.4		320.8	83.5	454.1			
Avg DBH (Live & DP)	cm	37.5	37.5		41.6	49.1	31.5			
Snags/Ha										
Avg Snag DBH	cm									
Gross Merch Vol/Tree	m3	1.25	1.25		1.52	2.04	0.91			
Net Merch Vol/Tree	m3	1.06	1.06		1.30	1.18	0.86			
Avg Weight Total Ht	m	36.2	36.2		38.5	43.1	30.8			
Avg Weight Merch Ht	m	30.2	30.2		33.3	37.5	24.5			
Avg 10.0 m Log Net	m3	0.45	0.45		0.48	0.77	0.38			
Avg 10.0 m Log Gross	m3	0.50	0.50		0.53	1.20	0.39			
Avg # of 10.0 m Logs/Tree		2.48	2.48		2.84	1.71	2.36			
Net Immature	%	87.3	87.3		90.6	23.2	100.0			
Net 2nd Growth	%		87.3							
Average Slope	%	29								
Algorithm Grades %										
#3 Peeler	C	2	2		4					
#1 Lum/#1 Prem	D									
#2 Lum/#1 Lum	F									
#2 Sawlog	H	20	20		20	40	14			
#3 Sawlog	I	9	9		15	17				
#4 Sawlog	J	45	45		36	11	62			
#2 Shingle	K									
#3 Shingle	L									
#4 Shingle	M	1	1			10				
#5 Utility	U	18	18		16	21	21			
#6 Utility	X	5	5		9		3			
#7 Chipper	Y					1				
Statistical Summary										
Coeff. of Variation	%	38.5	38.5		62.6	98.6	64.3			
Two Standard Error	%	20.5	20.5		33.2	52.3	34.2			
Number and Type of Plots		MP = 2								
Number of Potential Trees		14								
Plots/Ha		0.6								
Cruised Trees/Plot		7.0								

Slope % Statistics

Min= 21, Max= 36, CV=37.2, Std Error of Mean=7.5, 2SE%=334.4

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

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