WESTERN FOREST PRODUCTS INC.

TFL 19 - CP# 386

Nesook/Zeballos
Block #: H106HL, Z108E, and L41

SUMMARY OF VOLUMES (loss factors)
FULL VOLUMES APPLIED

07-Nov-2018 10:56:10AM

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

Map Area Statement Report

Average Line Method | Grades: MOF Computerized | FIZ: B | 07-Nov-2018 10:56:10AM
WESTERN FOREST PRODUCTS INC. | Computerized Decay | TFL: TFL 19 | Filename: cp 386.ccp
Licence Number: TFL 19 CP: 386 | Computerized Waste | Region: 2 - West Coast | Compiled by: Western Forest Products Inc.
Project: CP 386 | Computerized Breakage | District: 05 - Campbell River | Cruised by: J. PATRICK, A. BELL
Version: 2018.00 IFS build 6202

Card A Cruise Identity

Licence #	: TFL 19	Cutting Permit #	: 386
Number of Blocks	: 3	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	: 19.20	Report Type	: *** FOR APPRAISAL PURPOSES ***
Locality	: Nesook/Zeballos		

Card B Compilation Standard

Damage	: Damage	Selective	: Compile All Trees
Double Sampling	: Measure Plots Only	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	Z108E: HCF 941	6.5
3	H106HL: F(C) 951	0.6
4	H106HL: HB(C) 941	4.0
5	L41: HB 961	8.1

Card D Block Description

Block	Description	Maturity	Type	Silvicultural Treatment Units A
06H	H106HL	M	3	0.6
			4	4.0
08E	Z108E	M	1	6.5
L41	L41	M	5	8.1

Card F Harvesting Description

Harvest Method	Harvest Description	Type	Silvicultural Treatment Units A
CC	Cable - Clearcut	1	3.3
		5	8.1
HL	Heli - Land	3	0.6
		4	4.0
SC	Ground Systems - Clearcut	1	3.2

Card G Treatment Unit Description

Treatment Unit	Description
A	TFL 19

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Measure Plots Only, Damage,

CruiseComp Copyright (c) 1996-2018, Industrial Forestry Service Ltd.

Double Sampling Factors

Average Line Method | Grades: MOF Computerized | FIZ: B | 07-Nov-2018 10:56:10AM
WESTERN FOREST PRODUCTS INC. | Computerized Decay | TFL: TFL 19 | Filename: cp 386.ccp
Licence Number: TFL 19 CP: 386 | Computerized Waste | Region: 2 - West Coast | Compiled by: Western Forest Products Inc.
Project: CP 386 | Computerized Breakage | District: 05 - Campbell River | Cruised by: J. PATRICK, A. BELL
Version: 2018.00 IFS build 6202

	F	C	H	B	Y
Utilization Limits					
Min DBH cm (M)	17.5	17.5	17.5	17.5	17.5
Stump Ht cm (M)	30.0	30.0	30.0	30.0	30.0
Top Dia cm (M)	15.0	15.0	15.0	15.0	15.0
Log Len m	10.0	10.0	10.0	10.0	10.0

Type Factors

Forest Types:

1 :Z108E: HCF 941	1.0000	1.0000	1.0000	1.0000	1.0000
3 :H106HL: F(C) 951	1.0000	1.0000	1.0000	1.0000	1.0000
4 :H106HL: HB(C) 941	1.0000	1.0000	1.0000	1.0000	1.0000
5 :L41: HB 961	1.0000	1.0000	1.0000	1.0000	1.0000

Block Factors

Block 06H:
Forest Types:

1 :Z108E: HCF 941	1.0000	1.0000	1.0000	1.0000	1.0000
3 :H106HL: F(C) 951	1.0000	1.0000	1.0000	1.0000	1.0000
4 :H106HL: HB(C) 941	1.0000	1.0000	1.0000	1.0000	1.0000
5 :L41: HB 961	1.0000	1.0000	1.0000	1.0000	1.0000

Block 08E:
Forest Types:

1 :Z108E: HCF 941	1.0000	1.0000	1.0000	1.0000	1.0000
3 :H106HL: F(C) 951	1.0000	1.0000	1.0000	1.0000	1.0000
4 :H106HL: HB(C) 941	1.0000	1.0000	1.0000	1.0000	1.0000
5 :L41: HB 961	1.0000	1.0000	1.0000	1.0000	1.0000

Block L41:
Forest Types:

1 :Z108E: HCF 941	1.0000	1.0000	1.0000	1.0000	1.0000
3 :H106HL: F(C) 951	1.0000	1.0000	1.0000	1.0000	1.0000
4 :H106HL: HB(C) 941	1.0000	1.0000	1.0000	1.0000	1.0000
5 :L41: HB 961	1.0000	1.0000	1.0000	1.0000	1.0000

Harvest Method Factors

Method: CC: Cable - Clearcut
Forest Types:

1 :Z108E: HCF 941	1.0000	1.0000	1.0000	1.0000	1.0000
3 :H106HL: F(C) 951	1.0000	1.0000	1.0000	1.0000	1.0000
4 :H106HL: HB(C) 941	1.0000	1.0000	1.0000	1.0000	1.0000
5 :L41: HB 961	1.0000	1.0000	1.0000	1.0000	1.0000

Method: HL: Heli - Land
Forest Types:

1 :Z108E: HCF 941	1.0000	1.0000	1.0000	1.0000	1.0000
3 :H106HL: F(C) 951	1.0000	1.0000	1.0000	1.0000	1.0000
4 :H106HL: HB(C) 941	1.0000	1.0000	1.0000	1.0000	1.0000
5 :L41: HB 961	1.0000	1.0000	1.0000	1.0000	1.0000

Method: SC: Ground Systems - Clearcut
Forest Types:

1 :Z108E: HCF 941	1.0000	1.0000	1.0000	1.0000	1.0000

Cruise.com copyright (c) 1996-2018, Industrial Forestry Service Ltd.

Double Sampling Factors

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 386
Project: CP 386

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

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

07-Nov-2018 10:56:10AM
Filename: cp 386.ccp
Compiled by: Western Forest Products Inc.
Cruised by: J. PATRICK, A. BELL
Version: 2018.00   IFS build 6202

	F	C	H	B	Y
Utilization Limits					
Min DBH cm (M)	17.5	17.5	17.5	17.5	17.5
Stump Ht cm (M)	30.0	30.0	30.0	30.0	30.0
Top Dia cm (M)	15.0	15.0	15.0	15.0	15.0
Log Len m	10.0	10.0	10.0	10.0	10.0
Method: SC: Ground Systems - Clearcut					
3 :H106HL: F(C) 951	1.0000	1.0000	1.0000	1.0000	1.0000
4 :H106HL: HB(C) 941	1.0000	1.0000	1.0000	1.0000	1.0000
5 :L41: HB 961	1.0000	1.0000	1.0000	1.0000	1.0000

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Measure Plots Only, Damage,

CruiseComp Copyright (c) 1996-2018, Industrial Forestry Service Ltd.

Appraisal Summary Report

07-Nov-2018 10:56:10AM

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 386
Project: CP 386
Location : Nesook/Zeballos

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage
No Of Blocks : 3

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

Filename: cp 386.ccp
Compiled by: Western Forest Products Inc.
Cruised by: J. PATRICK, A. BELL
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 : 19.2]

All Method Summary

Algorithm Grades % Species Code	Description	C	D	F	H	I	J	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		24	9	24	24	3			12	2	2	2600	2479	121	135.440	129.112	6.328
CE	Cedar			1	22	5	40	4	3	19	4	2	1643	1418	226	85.592	73.841	11.751
CY	Y. Cedar		12		41	18				21		8	349	176	173	18.188	9.160	9.028
FI	Doug-Fir	27	13		15	1	14			21		9	1456	1167	289	75.816	60.772	15.044
HE	Hemlock		8	2	26	22	11			15	9	7	9990	9529	461	520.323	496.317	24.005
	Total												16039	14769	1270	835.358	769.202	66.156

Harvesting Method Summaries

Harvest Method	Net Volume	Net Vol /10m Log	Net Vol /Hectare	Hem+ Bal%	Partial Cut%	Slope%	Down Tree%	Heavy Fire%
CC	11402	1.22	1000.138	88	100		6	0
HL	3137	1.44	681.878	60	70		9	0
SC	1501	0.48	468.961	44	52		4	0
Conventional Methods	12902	1.03	883.716	83	90		6	0
All Methods	16039	1.09	835.358	79			6	0

Cutting Authority

95% Confidence Interval	22.2
Plots/Ha	1.2
Cruised Trees/Plot	4.6
Net 2nd Growth-Conifer %	1.3
Net 2nd Growth-Conifer (m3)	210
Net Immature by Block %	06H: 3% 08E: 2% L41: 1%
Non Heli Select Conifer (m3/ha)	835.36
Heli Select Total (decimal)	0.00
Heli+Skyline Total (decimal)	0.20
Piece Size - Conifer (m3/10m log)	1.09
Cruise Date (yy-mm):	17-05

Plots: 23 # <= 5yrs: 23 # > 5yrs: 0 # > 10yrs: 0 # no date: 0

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Measure Plots Only, Damage,

CruiseComp Copyright (c) 1996-2018, Industrial Forestry Service Ltd.

All Method Summary

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 386
Project: CP 386

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

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

07-Nov-2018 10:56:10AM
Filename: cp 386.ccp
Compiled by: Western Forest Products Inc.
Cruised by: J. PATRICK, A. BELL
Version: 2018.00 IFS build 6202

[All Treatment Units : 19.2]

		Total	Conifer	Decid	F	C	H	B	Y
Utilization Limits									
Min DBH cm (M)					17.5	17.5	17.5	17.5	17.5
Stump Ht cm (M)					30.0	30.0	30.0	30.0	30.0
Top Dia cm (M)					15.0	15.0	15.0	15.0	15.0
Log Len m					10.0	10.0	10.0	10.0	10.0
Volume and Size Data									
Gross Merchantable	m3	20681	20681		1831	2898	11767	3194	990
Net Merchantable	m3	16039	16039		1456	1643	9990	2600	349
Net Merch - All	m3/ha	835.358	835.358		75.816	85.592	520.323	135.440	18.188
Net Merch - Live	m3/ha	769.202	769.202		60.772	73.841	496.317	129.112	9.160
Net Merch - DP	m3/ha	66.156	66.156		15.044	11.751	24.005	6.328	9.028
Decay	%	12	12		11	27	7	10	42
Waste(billing)	%	6	6		6	17	3	4	46
Total Cull (DWB)	%	22	22		21	43	15	19	65
Net Merch Vol/Tree	m3	2.21	2.21		1.93	0.74	3.07	2.79	3.90
Avg 10.0 m Log Net	m3	1.09	1.09		0.95	0.49	1.33	1.34	1.33
Useless Dead/Living	%								
Net Second Growth	%		1.3			5.2	0.7	2.0	
All Burn Volume	%								
Heavy Fire Volume	%								
Blowdown Volume	%	6	6		4	8	7		34
Insect Volume	%								
Algorithm Grades %									
#3 Peeler	C	2	2		27				
#1 Lum/#1 Prem	D	11	11		13		8	24	12
#2 Lum/#1 Lum	F	3	3			1	2	9	
#2 Sawlog	H	25	25		15	22	26	24	41
#3 Sawlog	I	18	18		1	5	22	24	18
#4 Sawlog	J	13	13		14	40	11	3	
#3 Shingle	L					4			
#4 Shingle	M					3			
#5 Utility	U	16	16		21	19	15	12	21
#6 Utility	X	6	6			4	9	2	
#7 Chipper	Y	6	6		9	2	7	2	8

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Measure Plots Only, Damage,

CruiseComp Copyright (c) 1996-2018, Industrial Forestry Service Ltd.

Harvest Method Summary

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 386
Project: CP 386

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

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

07-Nov-2018 10:56:10AM
Filename: cp 386.ccp
Compiled by: Western Forest Products Inc.
Cruised by: J. PATRICK, A. BELL
Version: 2018.00 IFS build 6202

Harvest Method : CC - Cable - Clearcut [All Treatment Units : 11.4]

		Total	Conifer	Decid	F	C	H	B	Y
Utilization Limits									
Min DBH cm (M)					17.5	17.5	17.5	17.5	17.5
Stump Ht cm (M)					30.0	30.0	30.0	30.0	30.0
Top Dia cm (M)					15.0	15.0	15.0	15.0	15.0
Log Len m					10.0	10.0	10.0	10.0	10.0
Volume and Size Data									
Gross Merchantable	m3	14377	14377		573	1526	9247	2650	381
Net Merchantable	m3	11402	11402		406	819	7942	2124	111
Net Merch - All	m3/ha	1000.138	1000.138		35.615	71.843	696.650	186.322	9.708
Net Merch - Live	m3/ha	925.384	925.384		22.751	58.750	663.192	175.665	5.026
Net Merch - DP	m3/ha	74.753	74.753		12.863	13.093	33.458	10.657	4.682
Decay	%	11	11		17	29	6	11	46
Waste(billing)	%	5	5		10	20	2	5	62
Total Cull (DWB)	%	21	21		29	46	14	20	71
Net Merch Vol/Tree	m3	2.64	2.64		1.12	0.94	3.51	2.71	4.03
Avg 10.0 m Log Net	m3	1.22	1.22		0.58	0.54	1.43	1.45	1.25
Useless Dead/Living	%								
Net Second Growth	%		0.8				0.5	2.5	
All Burn Volume	%								
Heavy Fire Volume	%								
Blowdown Volume	%	6	6		8	12	7		
Insect Volume	%								
% Average Slope		100							
Algorithm Grades %									
#3 Peeler	C	1	1		33				
#1 Lum/#1 Prem	D	13	13		4		11	29	
#2 Lum/#1 Lum	F	4	4			1	2	12	
#2 Sawlog	H	24	24		3	29	24	18	25
#3 Sawlog	I	24	24		2	8	26	25	56
#4 Sawlog	J	9	9		25	26	10		
#3 Shingle	L					4			
#4 Shingle	M					5			
#5 Utility	U	15	15		23	21	15	11	9
#6 Utility	X	7	7			4	8	3	
#7 Chipper	Y	3	3		10	2	4	2	10

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Measure Plots Only, Damage,

CruiseComp Copyright (c) 1996-2018, Industrial Forestry Service Ltd.

Harvest Method Summary

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 386
Project: CP 386

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

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

07-Nov-2018 10:56:10AM
Filename: cp 386.ccp
Compiled by: Western Forest Products Inc.
Cruised by: J. PATRICK, A. BELL
Version: 2018.00 IFS build 6202

Harvest Method : HL - Heli - Land [All Treatment Units : 4.6]

		Total	Conifer	Decid	F	C	H	B	Y
Utilization Limits									
Min DBH cm (M)					17.5	17.5	17.5	17.5	17.5
Stump Ht cm (M)					30.0	30.0	30.0	30.0	30.0
Top Dia cm (M)					15.0	15.0	15.0	15.0	15.0
Log Len m					10.0	10.0	10.0	10.0	10.0
Volume and Size Data									
Gross Merchantable	m3	4092	4092		702	513	1724	545	610
Net Merchantable	m3	3137	3137		656	373	1393	476	239
Net Merch - All	m3/ha	681.878	681.878		142.598	81.114	302.750	103.560	51.855
Net Merch - Live	m3/ha	655.797	655.797		142.598	81.114	302.750	103.560	25.775
Net Merch - DP	m3/ha	26.081	26.081						26.081
Decay	%	13	13		2	15	10	6	39
Waste(billing)	%	6	6			8	4	2	38
Total Cull (DWB)	%	23	23		7	27	19	13	61
Net Merch Vol/Tree	m3	2.97	2.97		16.88	0.68	5.48	3.22	3.85
Avg 10.0 m Log Net	m3	1.44	1.44		4.45	0.61	1.82	1.02	1.37
Useless Dead/Living	%								
Net Second Growth	%		2.7			22.7			
All Burn Volume	%								
Heavy Fire Volume	%								
Blowdown Volume	%	9	9				11		50
Insect Volume	%								
% Average Slope		70							
Algorithm Grades %									
#3 Peeler	C	5	5		22				
#1 Lum/#1 Prem	D	6	6		22				17
#2 Sawlog	H	36	36		30	19	36	50	48
#3 Sawlog	I	7	7				11	17	
#4 Sawlog	J	11	11			69		17	
#5 Utility	U	17	17		19	9	18	15	27
#6 Utility	X	4	4				9		
#7 Chipper	Y	14	14		7	3	26	1	8

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Measure Plots Only, Damage,

CruiseComp Copyright (c) 1996-2018, Industrial Forestry Service Ltd.

Harvest Method Summary

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 386
Project: CP 386

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

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

07-Nov-2018 10:56:10AM
Filename: cp 386.ccp
Compiled by: Western Forest Products Inc.
Cruised by: J. PATRICK, A. BELL
Version: 2018.00 IFS build 6202

Harvest Method : SC - Ground Systems - Clearcut[All Treatment Units : 3.2]

		Total	Conifer	Decid	F	C	H	B	Y
Utilization Limits									
Min DBH cm (M)					17.5	17.5	17.5	17.5	17.5
Stump Ht cm (M)					30.0	30.0	30.0	30.0	30.0
Top Dia cm (M)					15.0	15.0	15.0	15.0	15.0
Log Len m					10.0	10.0	10.0	10.0	10.0
Volume and Size Data									
Gross Merchantable	m3	2212	2212		556	860	796		
Net Merchantable	m3	1501	1501		394	451	656		
Net Merch - All	m3/ha	468.961	468.961		123.033	141.013	204.916		
Net Merch - Live	m3/ha	375.824	375.824		78.596	117.149	180.080		
Net Merch - DP	m3/ha	93.137	93.137		44.437	23.863	24.837		
Decay	%	19	19		17	30	8		
Waste(billing)	%	11	11		10	21	5		
Total Cull (DWB)	%	32	32		29	48	18		
Net Merch Vol/Tree	m3	0.80	0.80		1.12	0.58	0.89		
Avg 10.0 m Log Net	m3	0.48	0.48		0.58	0.36	0.54		
Useless Dead/Living	%								
Net Second Growth	%		2.4				5.5		
All Burn Volume	%								
Heavy Fire Volume	%								
Blowdown Volume	%	4	4		8	6			
Insect Volume	%								
% Average Slope		52							
Algorithm Grades %									
#3 Peeler	C	8	8		33				
#1 Lum/#1 Prem	D	1	1		4				
#2 Lum/#1 Lum	F	4	4			1	8		
#2 Sawlog	H	9	9		3	9	13		
#3 Sawlog	I	1	1		2	3			
#4 Sawlog	J	45	45		25	46	55		
#3 Shingle	L	2	2			7			
#4 Shingle	M	1	1			2			
#5 Utility	U	18	18		23	24	10		
#6 Utility	X	8	8			7	13		
#7 Chipper	Y	3	3		10	1	1		

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Measure Plots Only, Damage,

CruiseComp Copyright (c) 1996-2018, Industrial Forestry Service Ltd.

Cutting Permit Summary

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 386
Project: CP 386

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

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

07-Nov-2018 10:56:10AM
Filename: cp 386.ccp
Compiled by: Western Forest Products Inc.
Cruised by: J. PATRICK, A. BELL
Version: 2018.00 IFS build 6202

Net Area: [TFL 19 : 19.2]
Gross Area: [R/W Removed : 3.2][Reserves : 11.5][Grand Total : 33.9]

		Total	Conifer	Decid	F	C	H	B	Y
Utilization Limits									
Min DBH cm (M)					17.5	17.5	17.5	17.5	17.5
Stump Ht cm (M)					30.0	30.0	30.0	30.0	30.0
Top Dia cm (M)					15.0	15.0	15.0	15.0	15.0
Log Len m					10.0	10.0	10.0	10.0	10.0
Volume and Size Data									
Gross Merchantable	m3	20681	20681		1831	2898	11767	3194	990
Net Merchantable	m3	16039	16039		1456	1643	9990	2600	349
Net Merch - All	m3/ha	835	835		76	86	520	135	18
Distribution	%	100	100		9	10	62	16	2
Decay	%	12	12		11	27	7	10	42
Waste	%	4	4		4	10	2	4	16
Waste(billing)	%	6	6		6	17	3	4	46
Breakage	%	6	6		5	7	6	5	7
Total Cull (DWB)	%	22	22		21	43	15	19	65
Basal Area / Ha	m2/ha	83.2	83.2		9.2	18.1	42.3	9.5	4.2
Net VBAR	m3/m2	9.778	9.778		2.656	5.262	10.945	8.903	2.838
Stems/Ha (Live & DP)		377.2	377.2		39.3	115.2	169.6	48.5	4.7
Avg DBH (Live & DP)	cm	53.0	53.0		54.6	44.7	56.3	49.9	106.8
Snags/Ha									
Avg Snag DBH	cm								
Gross Merch Vol/Tree	m3	2.86	2.86		2.42	1.31	3.61	3.43	11.07
Net Merch Vol/Tree	m3	2.21	2.21		1.93	0.74	3.07	2.79	3.90
Avg Weight Total Ht	m	41.5	41.5		39.7	30.7	42.8	48.9	39.0
Avg Weight Merch Ht	m	35.7	35.7		35.0	24.2	35.9	44.1	33.8
Avg 10.0 m Log Net	m3	1.09	1.09		0.95	0.49	1.33	1.34	1.33
Avg 10.0 m Log Gross	m3	1.30	1.30		1.12	0.76	1.46	1.55	3.14
Avg # of 10.0 m Logs/Tree		2.19	2.19		2.17	1.72	2.48	2.21	3.52
Net Immature	%	1.3	1.3			5.2	0.7	2.0	
Net 2nd Growth	%		1.3						
Average Slope	%	82							
Algorithm Grades %									
#3 Peeler	C	2	2		27				
#1 Lum/#1 Prem	D	11	11		13		8	24	12
#2 Lum/#1 Lum	F	3	3			1	2	9	
#2 Sawlog	H	25	25		15	22	26	24	41
#3 Sawlog	I	18	18		1	5	22	24	18
#4 Sawlog	J	13	13		14	40	11	3	
#3 Shingle	L					4			
#4 Shingle	M					3			
#5 Utility	U	16	16		21	19	15	12	21
#6 Utility	X	6	6			4	9	2	
#7 Chipper	Y	6	6		9	2	7	2	8
Statistical Summary									
Coeff. of Variation	%	50.8	50.8		123.6	100.4	84.3	199.2	193.4
Two Standard Error	%	22.2	22.2		53.9	43.8	36.8	86.9	84.4
Number and Type of Plots		MP = 23							
Number of Potential Trees		106							
Plots/Ha		1.2							
Cruised Trees/Plot		4.6							

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Measure Plots Only, Damage,

CruiseComp Copyright (c) 1996-2018, Industrial Forestry Service Ltd.

Block Summary

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 386
Project: CP 386

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

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

07-Nov-2018 10:56:10AM
Filename: cp 386.ccp
Compiled by: Western Forest Products Inc.
Cruised by: J. PATRICK, A. BELL
Version: 2018.00 IFS build 6202

Net Area: Block : (M) - 06H:H106HL, Plots in Block: 5, TUs: [TFL 19 : 4.6]
Gross Area: [Reserves : 7.3][Grand Total : 11.9]

		Total	Conifer	Decid	F	C	H	B	Y
Utilization Limits									
Min DBH cm (M)					17.5	17.5	17.5	17.5	17.5
Stump Ht cm (M)					30.0	30.0	30.0	30.0	30.0
Top Dia cm (M)					15.0	15.0	15.0	15.0	15.0
Log Len m					10.0	10.0	10.0	10.0	10.0
Volume and Size Data									
Gross Merchantable	m3	4092	4092		702	513	1724	545	610
Net Merchantable	m3	3137	3137		656	373	1393	476	239
Net Merch - All	m3/ha	682	682		143	81	303	104	52
Distribution	%	100	100		21	12	44	15	8
Decay	%	13	13		2	15	10	6	39
Waste	%	5	5			6	3	1	15
Waste(billing)	%	6	6			8	4	2	38
Breakage	%	6	6		5	7	6	6	7
Total Cull (DWB)	%	23	23		7	27	19	13	61
Basal Area / Ha	m2/ha	74.3	74.3		13.0	15.0	27.4	7.8	11.1
Net VBAR	m3/m2	9.264	9.264		1.426	5.381	9.611	11.507	5.162
Stems/Ha (Live & DP)		229.5	229.5		8.4	120.1	55.2	32.2	13.5
Avg DBH (Live & DP)	cm	64.2	64.2		140.2	39.9	79.5	55.7	102.4
Snags/Ha									
Avg Snag DBH	cm								
Gross Merch Vol/Tree	m3	3.88	3.88		18.06	0.93	6.78	3.68	9.83
Net Merch Vol/Tree	m3	2.97	2.97		16.88	0.68	5.48	3.22	3.85
Avg Weight Total Ht	m	38.0	38.0		45.8	26.7	38.8	37.6	37.3
Avg Weight Merch Ht	m	32.6	32.6		41.8	20.0	32.4	31.4	32.3
Avg 10.0 m Log Net	m3	1.44	1.44		4.45	0.61	1.82	1.02	1.37
Avg 10.0 m Log Gross	m3	1.74	1.74		4.51	0.77	2.10	1.10	2.97
Avg # of 10.0 m Logs/Tree		2.23	2.23		4.00	1.21	3.24	3.36	3.31
Net Immature	%	2.7	2.7			22.7			
Net 2nd Growth	%		2.7						
Average Slope	%	70							
Algorithm Grades %									
#3 Peeler	C	5	5		22				
#1 Lum/#1 Prem	D	6	6		22				17
#2 Sawlog	H	36	36		30	19	36	50	48
#3 Sawlog	I	7	7				11	17	
#4 Sawlog	J	11	11			69		17	
#5 Utility	U	17	17		19	9	18	15	27
#6 Utility	X	4	4				9		
#7 Chipper	Y	14	14		7	3	26	1	8
Statistical Summary									
Coeff. of Variation	%	48.3	48.3			61.2	79.0	129.2	112.4
Two Standard Error	%	68.8	68.8			87.1	112.4	183.9	159.9
Number and Type of Plots		MP = 5							
Number of Potential Trees		20							
Plots/Ha		1.1							
Cruised Trees/Plot		4.0							

Slope % Statistics

Min= 58, Max= 82, CV=15.5, Std Error of Mean=4.8, 2SE%=19.3

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Measure Plots Only, Damage,

CruiseComp Copyright (c) 1996-2018, Industrial Forestry Service Ltd.

Block Summary

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 386
Project: CP 386

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

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

07-Nov-2018 10:56:10AM
Filename: cp 386.ccp
Compiled by: Western Forest Products Inc.
Cruised by: J. PATRICK, A. BELL
Version: 2018.00 IFS build 6202

Net Area: Block : (M) - 08E:Z108E, Plots in Block: 8, TUs: [TFL 19 : 6.5]
Gross Area: [R/W Removed : 1.2][Reserves : 1.2][Grand Total : 8.9]

		Total	Conifer	Decid	F	C	H	B	Y
Utilization Limits									
Min DBH cm (M)					17.5	17.5	17.5	17.5	17.5
Stump Ht cm (M)					30.0	30.0	30.0	30.0	30.0
Top Dia cm (M)					15.0	15.0	15.0	15.0	15.0
Log Len m					10.0	10.0	10.0	10.0	10.0
Volume and Size Data									
Gross Merchantable	m3	4493	4493		1130	1747	1617		
Net Merchantable	m3	3048	3048		800	917	1332		
Net Merch - All	m3/ha	469	469		123	141	205		
Distribution	%	100	100		26	30	44		
Decay	%	19	19		17	30	8		
Waste	%	7	7		7	11	4		
Waste(billing)	%	11	11		10	21	5		
Breakage	%	6	6		5	7	6		
Total Cull (DWB)	%	32	32		29	48	18		
Basal Area / Ha	m2/ha	76.5	76.5		18.0	33.8	24.8		
Net VBAR	m3/m2	6.130	6.130		6.835	4.178	8.279		
Stems/Ha (Live & DP)		585.8	585.8		110.2	244.8	230.8		
Avg DBH (Live & DP)	cm	40.8	40.8		45.6	41.9	37.0		
Snags/Ha									
Avg Snag DBH	cm								
Gross Merch Vol/Tree	m3	1.18	1.18		1.58	1.10	1.08		
Net Merch Vol/Tree	m3	0.80	0.80		1.12	0.58	0.89		
Avg Weight Total Ht	m	30.2	30.2		36.0	27.6	29.2		
Avg Weight Merch Ht	m	23.8	23.8		29.9	20.8	22.3		
Avg 10.0 m Log Net	m3	0.48	0.48		0.58	0.36	0.54		
Avg 10.0 m Log Gross	m3	0.64	0.64		0.76	0.61	0.61		
Avg # of 10.0 m Logs/Tree		1.84	1.84		2.07	1.81	1.76		
Net Immature	%	2.4	2.4				5.5		
Net 2nd Growth	%		2.4						
Average Slope	%	80							
Algorithm Grades %									
#3 Peeler	C	8	8		33				
#1 Lum/#1 Prem	D	1	1		4				
#2 Lum/#1 Lum	F	4	4			1	8		
#2 Sawlog	H	9	9		3	9	13		
#3 Sawlog	I	1	1		2	3			
#4 Sawlog	J	45	45		25	46	55		
#3 Shingle	L	2	2			7			
#4 Shingle	M	1	1			2			
#5 Utility	U	18	18		23	24	10		
#6 Utility	X	8	8			7	13		
#7 Chipper	Y	3	3		10	1	1		
Statistical Summary									
Coeff. of Variation	%	44.4	44.4		132.7	51.0	87.3		
Two Standard Error	%	37.1	37.1		110.9	42.7	73.0		
Number and Type of Plots		MP = 8							
Number of Potential Trees		34							
Plots/Ha		1.2							
Cruised Trees/Plot		4.3							

Slope % Statistics

Min= 32, Max=150, CV=58.6, Std Error of Mean=16.5, 2SE%=49.0

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Measure Plots Only, Damage,

CruiseComp Copyright (c) 1996-2018, Industrial Forestry Service Ltd.

Block Summary

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 386
Project: CP 386

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

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

07-Nov-2018 10:56:10AM
Filename: cp 386.ccp
Compiled by: Western Forest Products Inc.
Cruised by: J. PATRICK, A. BELL
Version: 2018.00 IFS build 6202

Net Area: Block : (M) - L41:L41, Plots in Block: 10, TUs: [TFL 19 : 8.1]
Gross Area: [R/W Removed : 2.0][Reserves : 3.0][Grand Total : 13.1]

		Total	Conifer	Decid	F	C	H	B	Y
Utilization Limits									
Min DBH cm (M)					17.5	17.5	17.5	17.5	17.5
Stump Ht cm (M)					30.0	30.0	30.0	30.0	30.0
Top Dia cm (M)					15.0	15.0	15.0	15.0	15.0
Log Len m					10.0	10.0	10.0	10.0	10.0
Volume and Size Data									
Gross Merchantable	m3	12096	12096			639	8426	2650	381
Net Merchantable	m3	9854	9854			354	7266	2124	111
Net Merch - All	m3/ha	1217	1217			44	897	262	14
Distribution	%	100	100			4	74	22	1
Decay	%	9	9			27	6	11	46
Waste	%	3	3			10	2	4	18
Waste(billing)	%	4	4			18	2	5	62
Breakage	%	6	6			7	6	5	7
Total Cull (DWB)	%	19	19			45	14	20	71
Basal Area / Ha	m2/ha	93.6	93.6			7.2	64.8	18.0	3.6
Net VBAR	m3/m2	12.997	12.997			6.064	13.842	14.568	3.795
Stems/Ha (Live & DP)		293.7	293.7			8.3	185.4	96.7	3.4
Avg DBH (Live & DP)	cm	63.7	63.7			105.1	66.7	48.7	116.2
Snags/Ha									
Avg Snag DBH	cm								
Gross Merch Vol/Tree	m3	5.08	5.08			9.50	5.61	3.38	13.85
Net Merch Vol/Tree	m3	4.14	4.14			5.26	4.84	2.71	4.03
Avg Weight Total Ht	m	47.1	47.1			43.2	46.3	51.3	41.8
Avg Weight Merch Ht	m	40.7	40.7			37.0	39.1	46.8	36.7
Avg 10.0 m Log Net	m3	1.62	1.62			1.59	1.69	1.45	1.25
Avg 10.0 m Log Gross	m3	1.85	1.85			2.55	1.83	1.70	3.46
Avg # of 10.0 m Logs/Tree		2.74	2.74			3.72	3.07	1.99	4.00
Net Immature	%	0.5	0.5					2.5	
Net 2nd Growth	%		0.5						
Average Slope	%	90							
Algorithm Grades %									
#1 Lum/#1 Prem	D	15	15				12	29	
#2 Lum/#1 Lum	F	4	4				1	12	
#2 Sawlog	H	26	26			55	27	18	25
#3 Sawlog	I	28	28			16	28	25	56
#4 Sawlog	J	4	4				5		
#4 Shingle	M					10			
#5 Utility	U	14	14			16	15	11	9
#6 Utility	X	6	6				8	3	
#7 Chipper	Y	3	3			3	4	2	10
Statistical Summary									
Coeff. of Variation	%	47.6	47.6			254.0	71.2	155.5	211.0
Two Standard Error	%	34.0	34.0			181.7	50.9	111.2	150.9
Number and Type of Plots		MP = 10							
Number of Potential Trees		52							
Plots/Ha		1.2							
Cruised Trees/Plot		5.2							

Slope % Statistics

Min= 53, Max=150, CV=35.5, Std Error of Mean=10.1, 2SE%=25.4

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Measure Plots Only, Damage,

CruiseComp Copyright (c) 1996-2018, Industrial Forestry Service Ltd.

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 386
Project: CP 386

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

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

07-Nov-2018 10:56:10AM
Filename: cp 386.ccp
Compiled by: Western Forest Products Inc.
Cruised by: J. PATRICK, A. BELL
Version: 2018.00 IFS build 6202

Net Area: Type 1 (M):Z108E: HCF 941, Plots in Type: 8, TUs: [TFL 19 : 6.5]

		Total	Conifer	Decid	F	C	H	B	Y
Utilization Limits									
Min DBH cm (M)					17.5	17.5	17.5	17.5	17.5
Stump Ht cm (M)					30.0	30.0	30.0	30.0	30.0
Top Dia cm (M)					15.0	15.0	15.0	15.0	15.0
Log Len m					10.0	10.0	10.0	10.0	10.0
Volume and Size Data									
Gross Merchantable	m3	4493	4493		1130	1747	1617		
Net Merchantable	m3	3048	3048		800	917	1332		
Net Merch - All	m3/ha	469	469		123	141	205		
Distribution	%	100	100		26	30	44		
Decay	%	19	19		17	30	8		
Waste	%	7	7		7	11	4		
Waste(billing)	%	11	11		10	21	5		
Breakage	%	6	6		5	7	6		
Total Cull (DWB)	%	32	32		29	48	18		
Basal Area / Ha	m2/ha	76.5	76.5		18.0	33.8	24.8		
Net VBAR	m3/m2	6.130	6.130		6.835	4.178	8.279		
Stems/Ha (Live & DP)		585.8	585.8		110.2	244.8	230.8		
Avg DBH (Live & DP)	cm	40.8	40.8		45.6	41.9	37.0		
Snags/Ha									
Avg Snag DBH	cm								
Gross Merch Vol/Tree	m3	1.18	1.18		1.58	1.10	1.08		
Net Merch Vol/Tree	m3	0.80	0.80		1.12	0.58	0.89		
Avg Weight Total Ht	m	30.2	30.2		36.0	27.6	29.2		
Avg Weight Merch Ht	m	23.8	23.8		29.9	20.8	22.3		
Avg 10.0 m Log Net	m3	0.48	0.48		0.58	0.36	0.54		
Avg 10.0 m Log Gross	m3	0.64	0.64		0.76	0.61	0.61		
Avg # of 10.0 m Logs/Tree		1.84	1.84		2.07	1.81	1.76		
Net Immature	%	2.4	2.4				5.5		
Net 2nd Growth	%		2.4						
Algorithm Grades %									
#3 Peeler	C	8	8		33				
#1 Lum/#1 Prem	D	1	1		4				
#2 Lum/#1 Lum	F	4	4			1	8		
#2 Sawlog	H	9	9		3	9	13		
#3 Sawlog	I	1	1		2	3			
#4 Sawlog	J	45	45		25	46	55		
#3 Shingle	L	2	2			7			
#4 Shingle	M	1	1			2			
#5 Utility	U	18	18		23	24	10		
#6 Utility	X	8	8			7	13		
#7 Chipper	Y	3	3		10	1	1		
Statistical Summary									
Coeff. of Variation	%	44.4	44.4		132.7	51.0	87.3		
Two Standard Error	%	37.1	37.1		110.9	42.7	73.0		
Number and Type of Plots		MP = 8							
Number of Potential Trees		34							
Plots/Ha		1.2							
Cruised Trees/Plot		4.3							

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Measure Plots Only, Damage,

CruiseComp Copyright (c) 1996-2018, Industrial Forestry Service Ltd.

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 386
Project: CP 386

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

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

07-Nov-2018 10:56:10AM
Filename: cp 386.ccp
Compiled by: Western Forest Products Inc.
Cruised by: J. PATRICK, A. BELL
Version: 2018.00 IFS build 6202

Net Area: Type 3 (M):H106HL: F(C) 951, Plots in Type: 1, TUs: [TFL 19 : 0.6]

		Total	Conifer	Decid	F	C	H	B	Y
Utilization Limits									
Min DBH cm (M)					17.5	17.5	17.5	17.5	17.5
Stump Ht cm (M)					30.0	30.0	30.0	30.0	30.0
Top Dia cm (M)					15.0	15.0	15.0	15.0	15.0
Log Len m					10.0	10.0	10.0	10.0	10.0
Volume and Size Data									
Gross Merchantable	m3	947	947		702	91			154
Net Merchantable	m3	779	779		656	85			39
Net Merch - All	m3/ha	1299	1299		1093	141			65
Distribution	%	100	100		84	11			5
Decay	%	9	9		2	2			48
Waste	%	3	3						19
Waste(billing)	%	4	4						77
Breakage	%	5	5		5	5			7
Total Cull (DWB)	%	18	18		7	7			75
Basal Area / Ha	m2/ha	150.0	150.0		100.0	25.0			25.0
Net VBAR	m3/m2	8.660	8.660		10.933	5.644			2.587
Stems/Ha (Live & DP)		586.9	586.9		64.8	501.2			20.9
Avg DBH (Live & DP)	cm	57.0	57.0		140.2	25.2			123.5
Snags/Ha									
Avg Snag DBH	cm								
Gross Merch Vol/Tree	m3	2.69	2.69		18.06	0.30			12.30
Net Merch Vol/Tree	m3	2.21	2.21		16.88	0.28			3.10
Avg Weight Total Ht	m	40.6	40.6		45.8	18.7			33.4
Avg Weight Merch Ht	m	37.3	37.3		41.8	9.5			29.3
Avg 10.0 m Log Net	m3	1.68	1.68		4.45	0.30			1.32
Avg 10.0 m Log Gross	m3	1.92	1.92		4.51	0.30			4.10
Avg # of 10.0 m Logs/Tree		1.40	1.40		4.00	1.00			3.00
Net Immature	%	10.9	10.9			100.0			
Net 2nd Growth	%		10.9						
Algorithm Grades %									
#3 Peeler	C	19	19		22				
#1 Lum/#1 Prem	D	19	19		22				
#2 Sawlog	H	28	28		30				61
#4 Sawlog	J	11	11			100			
#5 Utility	U	17	17		19				30
#7 Chipper	Y	6	6		7				9
Statistical Summary									
Coeff. of Variation	%								
Two Standard Error	%								
Number and Type of Plots		MP = 1							
Number of Potential Trees		6							
Plots/Ha		1.7							
Cruised Trees/Plot		6.0							

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Measure Plots Only, Damage,

CruiseComp Copyright (c) 1996-2018, Industrial Forestry Service Ltd.

Type Summary

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 386
Project: CP 386

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

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

07-Nov-2018 10:56:10AM
Filename: cp 386.ccp
Compiled by: Western Forest Products Inc.
Cruised by: J. PATRICK, A. BELL
Version: 2018.00 IFS build 6202

Net Area: Type 4 (M):H106HL: HB(C) 941, Plots in Type: 4, TUs: [TFL 19 : 4.0]

		Total	Conifer	Decid	F	C	H	B	Y
Utilization Limits									
Min DBH cm (M)					17.5	17.5	17.5	17.5	17.5
Stump Ht cm (M)					30.0	30.0	30.0	30.0	30.0
Top Dia cm (M)					15.0	15.0	15.0	15.0	15.0
Log Len m					10.0	10.0	10.0	10.0	10.0
Volume and Size Data									
Gross Merchantable	m3	3146	3146			422	1724	545	456
Net Merchantable	m3	2357	2357			288	1393	476	200
Net Merch - All	m3/ha	589	589			72	348	119	50
Distribution	%	100	100			12	59	20	8
Decay	%	14	14			17	10	6	36
Waste	%	5	5			7	3	1	13
Waste(billing)	%	7	7			11	4	2	30
Breakage	%	6	6			7	6	6	7
Total Cull (DWB)	%	25	25			32	19	13	56
Basal Area / Ha	m2/ha	63.0	63.0			13.5	31.5	9.0	9.0
Net VBAR	m3/m2	9.354	9.354			5.342	11.053	13.233	5.548
Stems/Ha (Live & DP)		175.8	175.8			63.0	63.5	37.0	12.4
Avg DBH (Live & DP)	cm	67.5	67.5			52.3	79.5	55.7	96.3
Snags/Ha									
Avg Snag DBH	cm								
Gross Merch Vol/Tree	m3	4.47	4.47			1.67	6.78	3.68	9.21
Net Merch Vol/Tree	m3	3.35	3.35			1.15	5.48	3.22	4.04
Avg Weight Total Ht	m	37.2	37.2			28.7	38.8	37.6	38.6
Avg Weight Merch Ht	m	31.0	31.0			22.7	32.4	31.4	33.1
Avg 10.0 m Log Net	m3	1.38	1.38			0.86	1.82	1.02	1.38
Avg 10.0 m Log Gross	m3	1.70	1.70			1.14	2.10	1.10	2.72
Avg # of 10.0 m Logs/Tree		2.64	2.64			1.46	3.24	3.36	3.39
Net Immature	%								
Net 2nd Growth	%								
Algorithm Grades %									
#1 Lum/#1 Prem	D	2	2						21
#2 Sawlog	H	36	36			25	36	50	46
#3 Sawlog	I	10	10				11	17	
#4 Sawlog	J	11	11			60		17	
#5 Utility	U	18	18			11	18	15	26
#6 Utility	X	6	6				9		
#7 Chipper	Y	17	17			4	26	1	7
Statistical Summary									
Coeff. of Variation	%	57.5	57.5			70.8	70.6	115.6	120.1
Two Standard Error	%	91.5	91.5			112.6	112.4	183.9	191.0
Number and Type of Plots		MP = 4							
Number of Potential Trees		14							
Plots/Ha		1.0							
Cruised Trees/Plot		3.5							

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Measure Plots Only, Damage,

CruiseComp Copyright (c) 1996-2018, Industrial Forestry Service Ltd.

Type Summary

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 386
Project: CP 386

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

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

07-Nov-2018 10:56:10AM
Filename: cp 386.ccp
Compiled by: Western Forest Products Inc.
Cruised by: J. PATRICK, A. BELL
Version: 2018.00 IFS build 6202

Net Area: Type 5 (M):L41: HB 961, Plots in Type: 10, TUs: [TFL 19 : 8.1]

		Total	Conifer	Decid	F	C	H	B	Y
Utilization Limits									
Min DBH cm (M)					17.5	17.5	17.5	17.5	17.5
Stump Ht cm (M)					30.0	30.0	30.0	30.0	30.0
Top Dia cm (M)					15.0	15.0	15.0	15.0	15.0
Log Len m					10.0	10.0	10.0	10.0	10.0
Volume and Size Data									
Gross Merchantable	m3	12096	12096			639	8426	2650	381
Net Merchantable	m3	9854	9854			354	7266	2124	111
Net Merch - All	m3/ha	1217	1217			44	897	262	14
Distribution	%	100	100			4	74	22	1
Decay	%	9	9			27	6	11	46
Waste	%	3	3			10	2	4	18
Waste(billing)	%	4	4			18	2	5	62
Breakage	%	6	6			7	6	5	7
Total Cull (DWB)	%	19	19			45	14	20	71
Basal Area / Ha	m2/ha	93.6	93.6			7.2	64.8	18.0	3.6
Net VBAR	m3/m2	12.997	12.997			6.064	13.842	14.568	3.795
Stems/Ha (Live & DP)		293.7	293.7			8.3	185.4	96.7	3.4
Avg DBH (Live & DP)	cm	63.7	63.7			105.1	66.7	48.7	116.2
Snags/Ha									
Avg Snag DBH	cm								
Gross Merch Vol/Tree	m3	5.08	5.08			9.50	5.61	3.38	13.85
Net Merch Vol/Tree	m3	4.14	4.14			5.26	4.84	2.71	4.03
Avg Weight Total Ht	m	47.1	47.1			43.2	46.3	51.3	41.8
Avg Weight Merch Ht	m	40.7	40.7			37.0	39.1	46.8	36.7
Avg 10.0 m Log Net	m3	1.62	1.62			1.59	1.69	1.45	1.25
Avg 10.0 m Log Gross	m3	1.85	1.85			2.55	1.83	1.70	3.46
Avg # of 10.0 m Logs/Tree		2.74	2.74			3.72	3.07	1.99	4.00
Net Immature	%	0.5	0.5					2.5	
Net 2nd Growth	%		0.5						
Algorithm Grades %									
#1 Lum/#1 Prem	D	15	15				12	29	
#2 Lum/#1 Lum	F	4	4				1	12	
#2 Sawlog	H	26	26			55	27	18	25
#3 Sawlog	I	28	28			16	28	25	56
#4 Sawlog	J	4	4				5		
#4 Shingle	M					10			
#5 Utility	U	14	14			16	15	11	9
#6 Utility	X	6	6				8	3	
#7 Chipper	Y	3	3			3	4	2	10
Statistical Summary									
Coeff. of Variation	%	47.6	47.6			254.0	71.2	155.5	211.0
Two Standard Error	%	34.0	34.0			181.7	50.9	111.2	150.9
Number and Type of Plots		MP = 10							
Number of Potential Trees		52							
Plots/Ha		1.2							
Cruised Trees/Plot		5.2							

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Measure Plots Only, Damage,

CruiseComp Copyright (c) 1996-2018, Industrial Forestry Service Ltd.

Volume Statistical Analysis

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 386
Project: CP 386

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

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

07-Nov-2018 10:56:10AM
Filename: cp 386.ccp
Compiled by: Western Forest Products Inc.
Cruised by: J. PATRICK, A. BELL
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 :Z108E: HCF 941	0	8	8	6.5	469.0	0.19	0	34	34	208.0855	44.4	15.7	37.1
3 :H106HL: F(C) 951	0	1	1	0.6	1299.0	0.05	0	6	6	0.0000		0.0	0.0
4 :H106HL: HB(C) 941	0	4	4	4.0	589.3	0.15	0	14	14	338.9248	57.5	28.8	91.5
5 :L41: HB 961	0	10	10	8.1	1216.5	0.61	0	52	52	579.0616	47.6	15.1	34.0
TOTAL	0	23	23	19.2	835.4		0	106	106		50.8	10.6	22.2

Number of live & dead potential trees sampled is 106
Number of dead useless trees sampled is 0
Number of live useless trees sampled is 0

The weighted sampling error is 22.2% at the 95% confidence level

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Measure Plots Only, Damage,

CruiseComp Copyright (c) 1996-2018, Industrial Forestry Service Ltd.

Basal Area Statistical Analysis

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 386
Project: CP 386

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

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

07-Nov-2018 10:56:10AM
Filename: cp 386.ccp
Compiled by: Western Forest Products Inc.
Cruised by: J. PATRICK, A. BELL
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 :Z108E: HCF 941	0	8	8	6.5	76.5	0.31	0	34	34	20.9694	27.4	9.7	22.9
3 :H106HL: F(C) 951	0	1	1	0.6	150.0	0.06	0	6	6	0.0000		0.0	0.0
4 :H106HL: HB(C) 941	0	4	4	4.0	63.0	0.16	0	14	14	31.1769	49.5	24.7	78.7
5 :L41: HB 961	0	10	10	8.1	93.6	0.47	0	52	52	40.5167	43.3	13.7	31.0
TOTAL	0	23	23	19.2	83.2		0	106	106		39.1	8.2	17.1

Number of live & dead potential trees sampled is 106
Number of dead useless trees sampled is 0
Number of live useless trees sampled is 0

The weighted sampling error is 17.1% at the 95% confidence level

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Measure Plots Only, Damage,

CruiseComp Copyright (c) 1996-2018, Industrial Forestry Service Ltd.

Cutting Permit Stand Table (stems/ha)

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 386
Project: CP 386

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

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

07-Nov-2018 10:56:10AM
Filename: cp 386.ccp
Compiled by: Western Forest Products Inc.
Cruised by: J. PATRICK, A. BELL
Version: 2018.00 IFS build 6202

[TFL 19 : 19.2]

	F	C	H	B	Y	Total	DP	DU	LU
Utilization Limits									
Min DBH cm (M)	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
Stump Ht cm (M)	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Top Dia cm (M)	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
Log Len m	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
DBH Class									
5									
10									
15									
20			24.7	30.2		54.9	23.8		
25	13.1	15.7	17.7			46.4			
30		10.9	10.2			21.1	11.9		
35		8.3	22.2			30.5			
40		8.1				8.1			
45		14.7	19.5			34.3	19.2		
50		7.5	8.0	5.0		20.5			
55		7.2	6.9			14.1			
60		2.9	5.4			8.3	2.8		
65	2.4	4.9	2.7	2.8		12.7			
70	2.1		3.9	2.0		8.0			
75	1.8		3.7			5.5	1.7		
80			7.5	2.9		10.5			
85			5.3			5.3	2.9		
90		1.2	4.0			5.2			
95			1.1			1.1	1.1		
100			3.1			3.1	0.9		
105			5.3	0.9		6.2	0.9		
110		1.0	2.7	2.3	1.0	7.1			
115		0.7		0.7		1.4	0.7		
120					0.7	0.7			
125			1.9		0.7	2.5			
130			0.6			0.6			
135	1.1	0.5				1.6			
140									
145									
150	0.9	0.4				1.3	0.4		
175									
200									
225									
250									
275									
Total	21.4	84.0	156.4	46.7	2.4	310.9			
Dead P	17.9	31.2	13.2	1.7	2.3		66.3		
Dead U									
Live U									
			Average DBH (cm) at 5 Levels						
12.5 +	60.5	47.7	56.5	48.7	115.8	54.2	47.2		
17.5 +	60.5	47.7	56.5	48.7	115.8	54.2	47.2		
22.5 +	60.5	47.7	61.0	78.2	115.8	59.0	57.0		
27.5 +	90.9	51.5	64.9	78.2	115.8	64.2	57.0		
32.5 +	90.9	54.7	67.3	78.2	115.8	66.9	64.7		

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Measure Plots Only, Damage,

CruiseComp Copyright (c) 1996-2018, Industrial Forestry Service Ltd.

Cutting Permit Stock Table (m3/ha)

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 386
Project: CP 386

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

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

07-Nov-2018 10:56:10AM
Filename: cp 386.ccp
Compiled by: Western Forest Products Inc.
Cruised by: J. PATRICK, A. BELL
Version: 2018.00 IFS build 6202

[TFL 19 : 19.2]

	F	C	H	B	Y	Total	DP	DU	LU
Utilization Limits									
Min DBH cm (M)	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
Stump Ht cm (M)	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Top Dia cm (M)	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
Log Len m	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
DBH Class									
5									
10									
15									
20			3.8	2.7		6.5	1.9		
25	3.6	4.4	2.4			10.4			
30		4.7	5.0			9.7	3.1		
35		2.8	16.6			19.3			
40		3.9				3.9			
45		8.9	31.5			40.4	15.2		
50		4.3	20.4	12.0		36.7			
55		9.5	19.5			28.9			
60		3.8	19.4			23.3	7.2		
65	8.9	6.1	7.8	12.8		35.7			
70	7.0		23.8	11.1		42.0			
75	7.0		23.2			30.3	6.3		
80			54.7	22.7		77.4			
85			49.3			49.3	9.9		
90		4.4	31.8			36.2			
95			11.7			11.7	8.4		
100			34.1			34.1	3.4		
105			69.0	14.3		83.3	3.4		
110		6.1	32.5	41.1	4.2	83.8			
115		4.6		12.4		17.0	2.8		
120					3.0	3.0			
125			33.4		2.0	35.4			
130			6.5			6.5			
135	17.6	5.7				23.2			
140									
145									
150	16.6	4.6				21.2	4.5		
175									
200									
225									
250									
275									
Total	60.8	73.8	496.3	129.1	9.2	769.2			
Dead P	15.0	11.8	24.0	6.3	9.0		66.2		
			Volume (m3/ha) for 7 Levels						
17.5 +	60.8	73.8	496.3	129.1	9.2	769.2	66.2		
22.5 +	60.8	73.8	492.5	126.4	9.2	762.7	64.3		
27.5 +	57.2	69.4	490.1	126.4	9.2	752.3	64.3		
32.5 +	57.2	64.7	485.1	126.4	9.2	742.6	61.1		
37.5 +	57.2	62.0	468.6	126.4	9.2	723.2	61.1		
42.5 +	57.2	58.1	468.6	126.4	9.2	719.4	61.1		
47.5 +	57.2	49.2	437.0	126.4	9.2	679.0	46.0		

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Measure Plots Only, Damage,

CruiseComp Copyright (c) 1996-2018, Industrial Forestry Service Ltd.

Cutting Permit Basal Area Table (m2/ha)

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 386
Project: CP 386

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

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

07-Nov-2018 10:56:10AM
Filename: cp 386.ccp
Compiled by: Western Forest Products Inc.
Cruised by: J. PATRICK, A. BELL
Version: 2018.00 IFS build 6202

[TFL 19 : 19.2]

	F	C	H	B	Y	Total	DP	DU	LU
Utilization Limits									
Min DBH cm (M)	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
Stump Ht cm (M)	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Top Dia cm (M)	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
Log Len m	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
DBH Class									
5									
10									
15									
20			0.8	0.8		1.5	0.8		
25	0.8	0.8	0.8			2.3			
30		0.8	0.8			1.5	0.8		
35		0.8	2.3			3.0			
40		0.9				0.9			
45		2.3	3.0			5.3	3.0		
50		1.5	1.5	0.9		4.0			
55		1.7	1.7			3.4			
60		0.8	1.5			2.3	0.8		
65	0.8	1.5	0.9	0.9		4.2			
70	0.8		1.5	0.8		3.0			
75	0.8		1.7			2.5	0.8		
80			3.8	1.5		5.3			
85			3.0			3.0	1.7		
90		0.8	2.5			3.2			
95			0.8			0.8	0.8		
100			2.5			2.5	0.8		
105			4.6	0.8		5.3	0.8		
110		0.9	2.6	2.3	0.9	6.8			
115		0.8		0.8		1.5	0.8		
120					0.8	0.8			
125			2.3		0.8	3.1			
130			0.8			0.8			
135	1.6	0.8				2.3			
140									
145									
150	1.6	0.8				2.3	0.8		
175									
200									
225									
250									
275									
Total	6.2	15.0	39.2	8.7	2.5	71.6			
Dead P	3.0	3.0	3.0	0.8	1.7		11.6		
Dead U									
Live U									
	Basal Area (m2/ha) at 5 Levels								
12.5 +	6.2	15.0	39.2	8.7	2.5	71.6	11.6		
17.5 +	6.2	15.0	39.2	8.7	2.5	71.6	11.6		
22.5 +	6.2	15.0	38.5	8.0	2.5	70.1	10.8		
27.5 +	5.4	14.2	37.7	8.0	2.5	67.8	10.8		
32.5 +	5.4	13.5	37.0	8.0	2.5	66.3	10.1		

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Measure Plots Only, Damage,

CruiseComp Copyright (c) 1996-2018, Industrial Forestry Service Ltd.

Block Stand Table (stems/ha)

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 386
Project: CP 386

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

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

07-Nov-2018 10:56:10AM
Filename: cp 386.ccp
Compiled by: Western Forest Products Inc.
Cruised by: J. PATRICK, A. BELL
Version: 2018.00 IFS build 6202

Block : (M) - 06H:H106HL, Plots in Block: 5, TUs: [TFL 19 : 4.6]

	F	C	H	B	Y	Total	DP	DU	LU
Utilization Limits									
Min DBH cm (M)	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
Stump Ht cm (M)	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Top Dia cm (M)	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
Log Len m	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		65.4				65.4			
30									
35									
40		33.6				33.6			
45									
50				20.7		20.7			
55		16.9	16.0			32.9			
60									
65			11.2	11.5		22.7			
70									
75			8.4			8.4			
80									
85							6.6		
90			6.5			6.5			
95									
100			5.0			5.0			
105									
110		4.2	8.1		4.2	16.5			
115									
120									
125					2.7	2.7			
130									
135	4.6					4.6			
140									
145									
150	3.8					3.8			
175									
200									
225									
250									
275									
Total	8.4	120.1	55.2	32.2	6.9	222.9			
Dead P					6.6		6.6		
Dead U									
Live U									
	Average DBH (cm) at 5 Levels								
12.5 +	140.2	39.9	79.5	55.7	115.1	63.4	87.0		
17.5 +	140.2	39.9	79.5	55.7	115.1	63.4	87.0		
22.5 +	140.2	39.9	79.5	55.7	115.1	63.4	87.0		
27.5 +	140.2	52.3	79.5	55.7	115.1	73.7	87.0		
32.5 +	140.2	52.3	79.5	55.7	115.1	73.7	87.0		

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Measure Plots Only, Damage,

CruiseComp Copyright (c) 1996-2018, Industrial Forestry Service Ltd.

Block Stand Table (stems/ha)

Average Line Method | Grades: MOF Computerized | FIZ: B | 07-Nov-2018 10:56:10AM
WESTERN FOREST PRODUCTS INC. | Computerized Decay | TFL: TFL 19 | Filename: cp 386.ccp
Licence Number: TFL 19 CP: 386 | Computerized Waste | Region: 2 - West Coast | Compiled by: Western Forest Products Inc.
Project: CP 386 | Computerized Breakage | District: 05 - Campbell River | Cruised by: J. PATRICK, A. BELL
Version: 2018.00 IFS build 6202

Block : (M) - 08E:Z108E, Plots in Block: 8, TUs: [TFL 19 : 6.5]

	F	C	H	B	Y	Total	DP	DU	LU
Utilization Limits									
Min DBH cm (M)	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
Stump Ht cm (M)	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Top Dia cm (M)	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
Log Len m	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
DBH Class									
5									
10									
15									
20			73.1			73.1	70.2		
25	38.7					38.7			
30		32.3	30.0			62.3	35.0		
35		24.5	44.7			69.2			
40									
45		43.5	43.0			86.5	56.6		
50		22.2				22.2			
55		9.3				9.3			
60		8.5	8.2			16.7			
65	7.0	14.4				21.4			
70	6.1					6.1			
75	5.5					5.5			
80			4.3			4.3			
85									
90									
95									
100							2.8		
105							2.5		
110									
115		2.1				2.1			
120									
125									
130									
135									
140									
145									
150							1.3		
175									
200									
225									
250									
275									
Total	57.4	156.7	203.3			417.4			
Dead P	52.8	88.0	27.5				168.4		
Dead U									
Live U									
			Average DBH (cm) at 5 Levels						
12.5 +	44.7	46.8	35.6			41.4	39.1		
17.5 +	44.7	46.8	35.6			41.4	39.1		
22.5 +	44.7	46.8	41.9			44.7	48.3		
27.5 +	67.9	46.8	41.9			46.4	48.3		
32.5 +	67.9	50.3	44.7			49.7	56.3		

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Measure Plots Only, Damage,

CruiseComp Copyright (c) 1996-2018, Industrial Forestry Service Ltd.

Block Stand Table (stems/ha)

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 386
Project: CP 386

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

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

07-Nov-2018 10:56:10AM
Filename: cp 386.ccp
Compiled by: Western Forest Products Inc.
Cruised by: J. PATRICK, A. BELL
Version: 2018.00 IFS build 6202

Block : (M) - L41:L41, Plots in Block: 10, TUs: [TFL 19 : 8.1]

	F	C	H	B	Y	Total	DP	DU	LU
Utilization Limits									
Min DBH cm (M)	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
Stump Ht cm (M)	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Top Dia cm (M)	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
Log Len m	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
DBH Class									
5									
10									
15									
20				71.5		71.5			
25			41.9			41.9			
30									
35			16.7			16.7			
40									
45			11.8			11.8			
50			18.9			18.9			
55			7.3			7.3			
60			6.3			6.3	6.6		
65									
70			9.2	4.8		14.0			
75			3.9			3.9	4.1		
80			14.4	7.0		21.4			
85			12.5			12.5	3.2		
90		2.9	5.8			8.7			
95			2.6			2.6	2.5		
100			4.6			4.6			
105			12.7	2.1		14.7			
110			1.9	5.5		7.4			
115				1.7		1.7	1.7		
120					1.7	1.7			
125			4.5			4.5			
130			1.4			1.4			
135		1.2				1.2			
140									
145									
150		0.9				0.9			
175									
200									
225									
250									
275									
Total		5.1	176.3	92.5	1.7	275.5			
Dead P		3.2	9.1	4.1	1.7		18.2		
Dead U									
Live U									
			Average DBH (cm) at 5 Levels						
12.5 +		116.6	66.5	47.2	117.5	62.5	79.3		
17.5 +		116.6	66.5	47.2	117.5	62.5	79.3		
22.5 +		116.6	66.5	93.5	117.5	71.9	79.3		
27.5 +		116.6	75.0	93.5	117.5	79.8	79.3		
32.5 +		116.6	75.0	93.5	117.5	79.8	79.3		

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Measure Plots Only, Damage,

CruiseComp Copyright (c) 1996-2018, Industrial Forestry Service Ltd.

Block Stock Table (m3/ha)

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 386
Project: CP 386

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

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

07-Nov-2018 10:56:10AM
Filename: cp 386.ccp
Compiled by: Western Forest Products Inc.
Cruised by: J. PATRICK, A. BELL
Version: 2018.00 IFS build 6202

Block : (M) - 06H:H106HL, Plots in Block: 5, TUs: [TFL 19 : 4.6]

	F	C	H	B	Y	Total	DP	DU	LU
Utilization Limits									
Min DBH cm (M)	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
Stump Ht cm (M)	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Top Dia cm (M)	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
Log Len m	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		18.4				18.4			
30									
35									
40		16.2				16.2			
45									
50				50.1		50.1			
55		21.1	54.7			75.8			
60									
65			32.5	53.4		85.9			
70									
75			45.9			45.9			
80									
85							26.1		
90			33.3			33.3			
95									
100			52.9			52.9			
105									
110		25.3	83.5		17.3	126.2			
115									
120									
125					8.4	8.4			
130									
135	73.3					73.3			
140									
145									
150	69.3					69.3			
175									
200									
225									
250									
275									
Total	142.6	81.1	302.8	103.6	25.8	655.8			
Dead P					26.1		26.1		
			Volume (m3/ha) for 7 Levels						
17.5 +	142.6	81.1	302.8	103.6	25.8	655.8	26.1		
22.5 +	142.6	81.1	302.8	103.6	25.8	655.8	26.1		
27.5 +	142.6	62.7	302.8	103.6	25.8	637.4	26.1		
32.5 +	142.6	62.7	302.8	103.6	25.8	637.4	26.1		
37.5 +	142.6	62.7	302.8	103.6	25.8	637.4	26.1		
42.5 +	142.6	46.5	302.8	103.6	25.8	621.2	26.1		
47.5 +	142.6	46.5	302.8	103.6	25.8	621.2	26.1		

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Measure Plots Only, Damage,

CruiseComp Copyright (c) 1996-2018, Industrial Forestry Service Ltd.

Block Stock Table (m3/ha)

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 386
Project: CP 386

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

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

07-Nov-2018 10:56:10AM
Filename: cp 386.ccp
Compiled by: Western Forest Products Inc.
Cruised by: J. PATRICK, A. BELL
Version: 2018.00 IFS build 6202

Block : (M) - 08E:Z108E, Plots in Block: 8, TUs: [TFL 19 : 6.5]

	F	C	H	B	Y	Total	DP	DU	LU
Utilization Limits									
Min DBH cm (M)	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
Stump Ht cm (M)	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Top Dia cm (M)	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
Log Len m	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
DBH Class									
5									
10									
15									
20			11.2			11.2	5.5		
25	10.6					10.6			
30		13.9	14.8			28.7	9.3		
35		8.1	26.0			34.1			
40									
45		26.2	65.9			92.0	44.9		
50		12.7				12.7			
55		13.0				13.0			
60		11.3	27.4			38.7			
65	26.4	18.1				44.5			
70	20.8					20.8			
75	20.8					20.8			
80			34.8			34.8			
85									
90									
95									
100							10.1		
105							10.1		
110									
115		13.6				13.6			
120									
125									
130									
135									
140									
145									
150							13.3		
175									
200									
225									
250									
275									
Total	78.6	117.1	180.1			375.8			
Dead P	44.4	23.9	24.8				93.1		
			Volume (m3/ha) for 7 Levels						
17.5 +	78.6	117.1	180.1			375.8	93.1		
22.5 +	78.6	117.1	168.9			364.6	87.6		
27.5 +	68.0	117.1	168.9			354.0	87.6		
32.5 +	68.0	103.2	154.1			325.3	78.3		
37.5 +	68.0	95.1	128.1			291.1	78.3		
42.5 +	68.0	95.1	128.1			291.1	78.3		
47.5 +	68.0	68.9	62.2			199.1	33.5		

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Measure Plots Only, Damage,

CruiseComp Copyright (c) 1996-2018, Industrial Forestry Service Ltd.

Block Stock Table (m3/ha)

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 386
Project: CP 386

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

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

07-Nov-2018 10:56:10AM
Filename: cp 386.ccp
Compiled by: Western Forest Products Inc.
Cruised by: J. PATRICK, A. BELL
Version: 2018.00 IFS build 6202

Block : (M) - L41:L41, Plots in Block: 10, TUs: [TFL 19 : 8.1]

	F	C	H	B	Y	Total	DP	DU	LU
Utilization Limits									
Min DBH cm (M)	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
Stump Ht cm (M)	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Top Dia cm (M)	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
Log Len m	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
DBH Class									
5									
10									
15									
20				6.5		6.5			
25			5.7			5.7			
30									
35			18.4			18.4			
40									
45			21.9			21.9			
50			48.3			48.3			
55			15.1			15.1			
60			24.1			24.1	17.0		
65									
70			56.4	26.4		82.8			
75			29.0			29.0	15.0		
80			101.7	53.7		155.4			
85			116.9			116.9	8.7		
90		10.5	56.4			66.9			
95			27.7			27.7	19.9		
100			50.9			50.9			
105			163.5	33.9		197.4			
110			29.6	97.4		127.1			
115				29.4		29.4	6.6		
120					7.1	7.1			
125			79.2			79.2			
130			15.4			15.4			
135		13.4				13.4			
140									
145									
150		11.0				11.0			
175									
200									
225									
250									
275									
Total		35.0	860.0	247.2	7.1	1149.3			
Dead P		8.7	37.0	15.0	6.6		67.3		
			Volume (m3/ha) for 7 Levels						
17.5 +		35.0	860.0	247.2	7.1	1149.3	67.3		
22.5 +		35.0	860.0	240.7	7.1	1142.8	67.3		
27.5 +		35.0	854.3	240.7	7.1	1137.1	67.3		
32.5 +		35.0	854.3	240.7	7.1	1137.1	67.3		
37.5 +		35.0	836.0	240.7	7.1	1118.7	67.3		
42.5 +		35.0	836.0	240.7	7.1	1118.7	67.3		
47.5 +		35.0	814.1	240.7	7.1	1096.8	67.3		

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Measure Plots Only, Damage,

CruiseComp Copyright (c) 1996-2018, Industrial Forestry Service Ltd.

Block Basal Area Table (m2/ha)

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 386
Project: CP 386

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

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

07-Nov-2018 10:56:10AM
Filename: cp 386.ccp
Compiled by: Western Forest Products Inc.
Cruised by: J. PATRICK, A. BELL
Version: 2018.00 IFS build 6202

Block : (M) - 06H:H106HL, Plots in Block: 5, TUs: [TFL 19 : 4.6]

	F	C	H	B	Y	Total	DP	DU	LU
Utilization Limits									
Min DBH cm (M)	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
Stump Ht cm (M)	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Top Dia cm (M)	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
Log Len m	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		3.3				3.3			
30									
35									
40		3.9				3.9			
45									
50				3.9		3.9			
55		3.9	3.9			7.8			
60									
65			3.9	3.9		7.8			
70									
75			3.9			3.9			
80									
85							3.9		
90			3.9			3.9			
95									
100			3.9			3.9			
105									
110		3.9	7.8		3.9	15.7			
115									
120									
125					3.3	3.3			
130									
135	6.5					6.5			
140									
145									
150	6.5					6.5			
175									
200									
225									
250									
275									
Total	13.0	15.0	27.4	7.8	7.2	70.4			
Dead P					3.9		3.9		
Dead U									
Live U									
	Basal Area (m2/ha) at 5 Levels								
12.5 +	13.0	15.0	27.4	7.8	7.2	70.4	3.9		
17.5 +	13.0	15.0	27.4	7.8	7.2	70.4	3.9		
22.5 +	13.0	15.0	27.4	7.8	7.2	70.4	3.9		
27.5 +	13.0	11.7	27.4	7.8	7.2	67.2	3.9		
32.5 +	13.0	11.7	27.4	7.8	7.2	67.2	3.9		

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Measure Plots Only, Damage,

CruiseComp Copyright (c) 1996-2018, Industrial Forestry Service Ltd.

Block Basal Area Table (m2/ha)

Average Line Method | Grades: MOF Computerized | FIZ: B | 07-Nov-2018 10:56:10AM
WESTERN FOREST PRODUCTS INC. | Computerized Decay | TFL: TFL 19 | Filename: cp 386.ccp
Licence Number: TFL 19 CP: 386 | Computerized Waste | Region: 2 - West Coast | Compiled by: Western Forest Products Inc.
Project: CP 386 | Computerized Breakage | District: 05 - Campbell River | Cruised by: J. PATRICK, A. BELL
Version: 2018.00 IFS build 6202

Block : (M) - 08E:Z108E, Plots in Block: 8, TUs: [TFL 19 : 6.5]

	F	C	H	B	Y	Total	DP	DU	LU
Utilization Limits									
Min DBH cm (M)	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
Stump Ht cm (M)	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Top Dia cm (M)	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
Log Len m	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
DBH Class									
5									
10									
15									
20			2.3			2.3	2.3		
25	2.3					2.3			
30		2.3	2.3			4.5	2.3		
35		2.3	4.5			6.8			
40									
45		6.8	6.7			13.5	9.0		
50		4.5				4.5			
55		2.3				2.3			
60		2.3	2.2			4.5			
65	2.2	4.5				6.8			
70	2.3					2.3			
75	2.3					2.3			
80			2.3			2.3			
85									
90									
95									
100							2.3		
105							2.3		
110									
115		2.3				2.3			
120									
125									
130									
135									
140									
145									
150							2.3		
175									
200									
225									
250									
275									
Total	9.0	27.0	20.3			56.3			
Dead P	9.0	6.8	4.5				20.3		
Dead U									
Live U									
		Basal Area (m2/ha) at 5 Levels							
12.5 +	9.0	27.0	20.3			56.3	20.3		
17.5 +	9.0	27.0	20.3			56.3	20.3		
22.5 +	9.0	27.0	18.0			54.0	18.0		
27.5 +	6.8	27.0	18.0			51.8	18.0		
32.5 +	6.8	24.8	15.8			47.3	15.8		

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Measure Plots Only, Damage,

CruiseComp Copyright (c) 1996-2018, Industrial Forestry Service Ltd.

Block Basal Area Table (m2/ha)

Average Line Method | Grades: MOF Computerized | FIZ: B | 07-Nov-2018 10:56:10AM
WESTERN FOREST PRODUCTS INC. | Computerized Decay | TFL: TFL 19 | Filename: cp 386.ccp
Licence Number: TFL 19 CP: 386 | Computerized Waste | Region: 2 - West Coast | Compiled by: Western Forest Products Inc.
Project: CP 386 | Computerized Breakage | District: 05 - Campbell River | Cruised by: J. PATRICK, A. BELL
Version: 2018.00 IFS build 6202

Block : (M) - L41:L41, Plots in Block: 10, TUs: [TFL 19 : 8.1]

	F	C	H	B	Y	Total	DP	DU	LU
Utilization Limits									
Min DBH cm (M)	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
Stump Ht cm (M)	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Top Dia cm (M)	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
Log Len m	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
DBH Class									
5									
10									
15									
20				1.8		1.8			
25			1.8			1.8			
30									
35			1.8			1.8			
40									
45			1.8			1.8			
50			3.6			3.6			
55			1.8			1.8			
60			1.8			1.8	1.8		
65									
70			3.6	1.8		5.4			
75			1.8			1.8	1.8		
80			7.2	3.6		10.8			
85			7.2			7.2	1.8		
90		1.8	3.6			5.4			
95			1.8			1.8	1.8		
100			3.6			3.6			
105			10.8	1.8		12.6			
110			1.8	5.4		7.2			
115				1.8		1.8	1.8		
120					1.8	1.8			
125			5.4			5.4			
130			1.8			1.8			
135		1.8				1.8			
140									
145									
150		1.8				1.8			
175									
200									
225									
250									
275									
Total		5.4	61.2	16.2	1.8	84.6			
Dead P		1.8	3.6	1.8	1.8		9.0		
Dead U									
Live U									
		Basal Area (m2/ha) at 5 Levels							
12.5 +		5.4	61.2	16.2	1.8	84.6	9.0		
17.5 +		5.4	61.2	16.2	1.8	84.6	9.0		
22.5 +		5.4	61.2	14.4	1.8	82.8	9.0		
27.5 +		5.4	59.4	14.4	1.8	81.0	9.0		
32.5 +		5.4	59.4	14.4	1.8	81.0	9.0		

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Measure Plots Only, Damage,

CruiseComp Copyright (c) 1996-2018, Industrial Forestry Service Ltd.

Type Stand Table (stems/ha)

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 386
Project: CP 386

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

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

07-Nov-2018 10:56:10AM
Filename: cp 386.ccp
Compiled by: Western Forest Products Inc.
Cruised by: J. PATRICK, A. BELL
Version: 2018.00 IFS build 6202

Type 1 (M):Z108E: HCF 941, Plots in Type: 8, TUs: [TFL 19 : 6.5]

	F	C	H	B	Y	Total	DP	DU	LU
Utilization Limits									
Min DBH cm (M)	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
Stump Ht cm (M)	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Top Dia cm (M)	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
Log Len m	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
DBH Class									
5									
10									
15									
20			73.1			73.1	70.2		
25	38.7					38.7			
30		32.3	30.0			62.3	35.0		
35		24.5	44.7			69.2			
40									
45		43.5	43.0			86.5	56.6		
50		22.2				22.2			
55		9.3				9.3			
60		8.5	8.2			16.7			
65	7.0	14.4				21.4			
70	6.1					6.1			
75	5.5					5.5			
80			4.3			4.3			
85									
90									
95									
100							2.8		
105							2.5		
110									
115		2.1				2.1			
120									
125									
130									
135									
140									
145									
150							1.3		
175									
200									
225									
250									
275									
Total	57.4	156.7	203.3			417.4			
Dead P	52.8	88.0	27.5				168.4		
Dead U									
Live U									
			Average DBH (cm) at 5 Levels						
12.5 +	44.7	46.8	35.6			41.4	39.1		
17.5 +	44.7	46.8	35.6			41.4	39.1		
22.5 +	44.7	46.8	41.9			44.7	48.3		
27.5 +	67.9	46.8	41.9			46.4	48.3		
32.5 +	67.9	50.3	44.7			49.7	56.3		

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Measure Plots Only, Damage,

CruiseComp Copyright (c) 1996-2018, Industrial Forestry Service Ltd.

Type Stand Table (stems/ha)

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 386
Project: CP 386

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

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

07-Nov-2018 10:56:10AM
Filename: cp 386.ccp
Compiled by: Western Forest Products Inc.
Cruised by: J. PATRICK, A. BELL
Version: 2018.00 IFS build 6202

Type 3 (M):H106HL: F(C) 951, Plots in Type: 1, TUs: [TFL 19 : 0.6]

	F	C	H	B	Y	Total	DP	DU	LU
Utilization Limits									
Min DBH cm (M)	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
Stump Ht cm (M)	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Top Dia cm (M)	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
Log Len m	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		501.2				501.2			
30									
35									
40									
45									
50									
55									
60									
65									
70									
75									
80									
85									
90									
95									
100									
105									
110									
115									
120									
125					20.9	20.9			
130									
135	35.6					35.6			
140									
145									
150	29.1					29.1			
175									
200									
225									
250									
275									
Total	64.8	501.2			20.9	586.9			
Dead P									
Dead U									
Live U									
			Average DBH (cm) at 5 Levels						
12.5 +	140.2	25.2			123.5	57.0			
17.5 +	140.2	25.2			123.5	57.0			
22.5 +	140.2	25.2			123.5	57.0			
27.5 +	140.2				123.5	136.3			
32.5 +	140.2				123.5	136.3			

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Measure Plots Only, Damage,

CruiseComp Copyright (c) 1996-2018, Industrial Forestry Service Ltd.

Type Stand Table (stems/ha)

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 386
Project: CP 386

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

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

07-Nov-2018 10:56:10AM
Filename: cp 386.ccp
Compiled by: Western Forest Products Inc.
Cruised by: J. PATRICK, A. BELL
Version: 2018.00 IFS build 6202

Type 4 (M):H106HL: HB(C) 941, Plots in Type: 4, TUs: [TFL 19 : 4.0]

	F	C	H	B	Y	Total	DP	DU	LU
Utilization Limits									
Min DBH cm (M)	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
Stump Ht cm (M)	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Top Dia cm (M)	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
Log Len m	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		38.7				38.7			
45									
50				23.8		23.8			
55		19.4	18.4			37.8			
60									
65			12.8	13.2		26.1			
70									
75			9.7			9.7			
80									
85							7.6		
90			7.5			7.5			
95									
100			5.8			5.8			
105									
110		4.9	9.4		4.8	19.0			
115									
120									
125									
130									
135									
140									
145									
150									
175									
200									
225									
250									
275									
Total		63.0	63.5	37.0	4.8	168.3			
Dead P					7.6		7.6		
Dead U									
Live U									
		Average DBH (cm) at 5 Levels							
12.5 +		52.3	79.5	55.7	109.3	66.5	87.0		
17.5 +		52.3	79.5	55.7	109.3	66.5	87.0		
22.5 +		52.3	79.5	55.7	109.3	66.5	87.0		
27.5 +		52.3	79.5	55.7	109.3	66.5	87.0		
32.5 +		52.3	79.5	55.7	109.3	66.5	87.0		

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Measure Plots Only, Damage,

CruiseComp Copyright (c) 1996-2018, Industrial Forestry Service Ltd.

Type Stand Table (stems/ha)

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 386
Project: CP 386

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

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

07-Nov-2018 10:56:10AM
Filename: cp 386.ccp
Compiled by: Western Forest Products Inc.
Cruised by: J. PATRICK, A. BELL
Version: 2018.00 IFS build 6202

Type 5 (M):L41: HB 961, Plots in Type: 10, TUs: [TFL 19 : 8.1]

	F	C	H	B	Y	Total	DP	DU	LU
Utilization Limits									
Min DBH cm (M)	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
Stump Ht cm (M)	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Top Dia cm (M)	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
Log Len m	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
DBH Class									
5									
10									
15									
20				71.5		71.5			
25			41.9			41.9			
30									
35			16.7			16.7			
40									
45			11.8			11.8			
50			18.9			18.9			
55			7.3			7.3			
60			6.3			6.3	6.6		
65									
70			9.2	4.8		14.0			
75			3.9			3.9	4.1		
80			14.4	7.0		21.4			
85			12.5			12.5	3.2		
90		2.9	5.8			8.7			
95			2.6			2.6	2.5		
100			4.6			4.6			
105			12.7	2.1		14.7			
110			1.9	5.5		7.4			
115				1.7		1.7	1.7		
120					1.7	1.7			
125			4.5			4.5			
130			1.4			1.4			
135		1.2				1.2			
140									
145									
150		0.9				0.9			
175									
200									
225									
250									
275									
Total		5.1	176.3	92.5	1.7	275.5			
Dead P		3.2	9.1	4.1	1.7		18.2		
Dead U									
Live U									
			Average DBH (cm) at 5 Levels						
12.5 +		116.6	66.5	47.2	117.5	62.5	79.3		
17.5 +		116.6	66.5	47.2	117.5	62.5	79.3		
22.5 +		116.6	66.5	93.5	117.5	71.9	79.3		
27.5 +		116.6	75.0	93.5	117.5	79.8	79.3		
32.5 +		116.6	75.0	93.5	117.5	79.8	79.3		

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Measure Plots Only, Damage,

CruiseComp Copyright (c) 1996-2018, Industrial Forestry Service Ltd.

Type Stock Table (m3/ha)

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 386
Project: CP 386

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

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

07-Nov-2018 10:56:10AM
Filename: cp 386.ccp
Compiled by: Western Forest Products Inc.
Cruised by: J. PATRICK, A. BELL
Version: 2018.00 IFS build 6202

Type 1 (M):Z108E: HCF 941, Plots in Type: 8, TUs: [TFL 19 : 6.5]

	F	C	H	B	Y	Total	DP	DU	LU
Utilization Limits									
Min DBH cm (M)	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
Stump Ht cm (M)	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Top Dia cm (M)	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
Log Len m	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
DBH Class									
5									
10									
15									
20			11.2			11.2	5.5		
25	10.6					10.6			
30		13.9	14.8			28.7	9.3		
35		8.1	26.0			34.1			
40									
45		26.2	65.9			92.0	44.9		
50		12.7				12.7			
55		13.0				13.0			
60		11.3	27.4			38.7			
65	26.4	18.1				44.5			
70	20.8					20.8			
75	20.8					20.8			
80			34.8			34.8			
85									
90									
95									
100							10.1		
105							10.1		
110									
115		13.6				13.6			
120									
125									
130									
135									
140									
145									
150							13.3		
175									
200									
225									
250									
275									
Total	78.6	117.1	180.1			375.8			
Dead P	44.4	23.9	24.8				93.1		
			Volume (m3/ha) for 7 Levels						
17.5 +	78.6	117.1	180.1			375.8	93.1		
22.5 +	78.6	117.1	168.9			364.6	87.6		
27.5 +	68.0	117.1	168.9			354.0	87.6		
32.5 +	68.0	103.2	154.1			325.3	78.3		
37.5 +	68.0	95.1	128.1			291.1	78.3		
42.5 +	68.0	95.1	128.1			291.1	78.3		
47.5 +	68.0	68.9	62.2			199.1	33.5		

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Measure Plots Only, Damage,

CruiseComp Copyright (c) 1996-2018, Industrial Forestry Service Ltd.

Type Stock Table (m3/ha)

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 386
Project: CP 386

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

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

07-Nov-2018 10:56:10AM
Filename: cp 386.ccp
Compiled by: Western Forest Products Inc.
Cruised by: J. PATRICK, A. BELL
Version: 2018.00 IFS build 6202

Type 3 (M):H106HL: F(C) 951, Plots in Type: 1, TUs: [TFL 19 : 0.6]

	F	C	H	B	Y	Total	DP	DU	LU
Utilization Limits									
Min DBH cm (M)	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
Stump Ht cm (M)	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Top Dia cm (M)	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
Log Len m	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		141.1				141.1			
30									
35									
40									
45									
50									
55									
60									
65									
70									
75									
80									
85									
90									
95									
100									
105									
110									
115									
120									
125					64.7	64.7			
130									
135	562.2					562.2			
140									
145									
150	531.0					531.0			
175									
200									
225									
250									
275									
Total	1093.3	141.1			64.7	1299.0			
Dead P									
		Volume (m3/ha) for 7 Levels							
17.5 +	1093.3	141.1			64.7	1299.0			
22.5 +	1093.3	141.1			64.7	1299.0			
27.5 +	1093.3				64.7	1157.9			
32.5 +	1093.3				64.7	1157.9			
37.5 +	1093.3				64.7	1157.9			
42.5 +	1093.3				64.7	1157.9			
47.5 +	1093.3				64.7	1157.9			

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Measure Plots Only, Damage,

CruiseComp Copyright (c) 1996-2018, Industrial Forestry Service Ltd.

Type Stock Table (m3/ha)

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 386
Project: CP 386

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

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

07-Nov-2018 10:56:10AM
Filename: cp 386.ccp
Compiled by: Western Forest Products Inc.
Cruised by: J. PATRICK, A. BELL
Version: 2018.00 IFS build 6202

Type 4 (M):H106HL: HB(C) 941, Plots in Type: 4, TUs: [TFL 19 : 4.0]

	F	C	H	B	Y	Total	DP	DU	LU
Utilization Limits									
Min DBH cm (M)	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
Stump Ht cm (M)	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Top Dia cm (M)	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
Log Len m	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		18.7				18.7			
45									
50				57.7		57.7			
55		24.3	62.9			87.2			
60									
65			37.3	61.4		98.8			
70									
75			52.8			52.8			
80									
85							30.0		
90			38.3			38.3			
95									
100			60.9			60.9			
105									
110		29.1	96.0		19.9	145.1			
115									
120									
125									
130									
135									
140									
145									
150									
175									
200									
225									
250									
275									
Total		72.1	348.2	119.1	19.9	559.3			
Dead P					30.0		30.0		
		Volume (m3/ha) for 7 Levels							
17.5 +		72.1	348.2	119.1	19.9	559.3	30.0		
22.5 +		72.1	348.2	119.1	19.9	559.3	30.0		
27.5 +		72.1	348.2	119.1	19.9	559.3	30.0		
32.5 +		72.1	348.2	119.1	19.9	559.3	30.0		
37.5 +		72.1	348.2	119.1	19.9	559.3	30.0		
42.5 +		53.4	348.2	119.1	19.9	540.6	30.0		
47.5 +		53.4	348.2	119.1	19.9	540.6	30.0		

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Measure Plots Only, Damage,

CruiseComp Copyright (c) 1996-2018, Industrial Forestry Service Ltd.

Type Stock Table (m3/ha)

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 386
Project: CP 386

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

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

07-Nov-2018 10:56:10AM
Filename: cp 386.ccp
Compiled by: Western Forest Products Inc.
Cruised by: J. PATRICK, A. BELL
Version: 2018.00 IFS build 6202

Type 5 (M):L41: HB 961, Plots in Type: 10, TUs: [TFL 19 : 8.1]

	F	C	H	B	Y	Total	DP	DU	LU
Utilization Limits									
Min DBH cm (M)	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
Stump Ht cm (M)	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Top Dia cm (M)	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
Log Len m	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
DBH Class									
5									
10									
15									
20				6.5		6.5			
25			5.7			5.7			
30									
35			18.4			18.4			
40									
45			21.9			21.9			
50			48.3			48.3			
55			15.1			15.1			
60			24.1			24.1	17.0		
65									
70			56.4	26.4		82.8			
75			29.0			29.0	15.0		
80			101.7	53.7		155.4			
85			116.9			116.9	8.7		
90		10.5	56.4			66.9			
95			27.7			27.7	19.9		
100			50.9			50.9			
105			163.5	33.9		197.4			
110			29.6	97.4		127.1			
115				29.4		29.4	6.6		
120					7.1	7.1			
125			79.2			79.2			
130			15.4			15.4			
135		13.4				13.4			
140									
145									
150		11.0				11.0			
175									
200									
225									
250									
275									
Total		35.0	860.0	247.2	7.1	1149.3			
Dead P		8.7	37.0	15.0	6.6		67.3		
			Volume (m3/ha) for 7 Levels						
17.5 +		35.0	860.0	247.2	7.1	1149.3	67.3		
22.5 +		35.0	860.0	240.7	7.1	1142.8	67.3		
27.5 +		35.0	854.3	240.7	7.1	1137.1	67.3		
32.5 +		35.0	854.3	240.7	7.1	1137.1	67.3		
37.5 +		35.0	836.0	240.7	7.1	1118.7	67.3		
42.5 +		35.0	836.0	240.7	7.1	1118.7	67.3		
47.5 +		35.0	814.1	240.7	7.1	1096.8	67.3		

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Measure Plots Only, Damage,

CruiseComp Copyright (c) 1996-2018, Industrial Forestry Service Ltd.

Type Basal Area Table (m2/ha)

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 386
Project: CP 386

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

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

07-Nov-2018 10:56:10AM
Filename: cp 386.ccp
Compiled by: Western Forest Products Inc.
Cruised by: J. PATRICK, A. BELL
Version: 2018.00 IFS build 6202

Type 1 (M):Z108E: HCF 941, Plots in Type: 8, TUs: [TFL 19 : 6.5]

	F	C	H	B	Y	Total	DP	DU	LU
Utilization Limits									
Min DBH cm (M)	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
Stump Ht cm (M)	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Top Dia cm (M)	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
Log Len m	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
DBH Class									
5									
10									
15									
20			2.3			2.3	2.3		
25	2.3					2.3			
30		2.3	2.3			4.5	2.3		
35		2.3	4.5			6.8			
40									
45		6.8	6.7			13.5	9.0		
50		4.5				4.5			
55		2.3				2.3			
60		2.3	2.2			4.5			
65	2.2	4.5				6.8			
70	2.3					2.3			
75	2.3					2.3			
80			2.3			2.3			
85									
90									
95									
100							2.3		
105							2.3		
110									
115		2.3				2.3			
120									
125									
130									
135									
140									
145									
150							2.3		
175									
200									
225									
250									
275									
Total	9.0	27.0	20.3			56.3			
Dead P	9.0	6.8	4.5				20.3		
Dead U									
Live U									
		Basal Area (m2/ha) at 5 Levels							
12.5 +	9.0	27.0	20.3			56.3	20.3		
17.5 +	9.0	27.0	20.3			56.3	20.3		
22.5 +	9.0	27.0	18.0			54.0	18.0		
27.5 +	6.8	27.0	18.0			51.8	18.0		
32.5 +	6.8	24.8	15.8			47.3	15.8		

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Measure Plots Only, Damage,

CruiseComp Copyright (c) 1996-2018, Industrial Forestry Service Ltd.

Type Basal Area Table (m2/ha)

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 386
Project: CP 386

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

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

07-Nov-2018 10:56:10AM
Filename: cp 386.ccp
Compiled by: Western Forest Products Inc.
Cruised by: J. PATRICK, A. BELL
Version: 2018.00 IFS build 6202

Type 3 (M):H106HL: F(C) 951, Plots in Type: 1, TUs: [TFL 19 : 0.6]

	F	C	H	B	Y	Total	DP	DU	LU
Utilization Limits									
Min DBH cm (M)	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
Stump Ht cm (M)	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Top Dia cm (M)	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
Log Len m	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		25.0				25.0			
30									
35									
40									
45									
50									
55									
60									
65									
70									
75									
80									
85									
90									
95									
100									
105									
110									
115									
120									
125					25.0	25.0			
130									
135	50.0					50.0			
140									
145									
150	50.0					50.0			
175									
200									
225									
250									
275									
Total	100.0	25.0			25.0	150.0			
Dead P									
Dead U									
Live U									
		Basal Area (m2/ha) at 5 Levels							
12.5 +	100.0	25.0			25.0	150.0			
17.5 +	100.0	25.0			25.0	150.0			
22.5 +	100.0	25.0			25.0	150.0			
27.5 +	100.0				25.0	125.0			
32.5 +	100.0				25.0	125.0			

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Measure Plots Only, Damage,

CruiseComp Copyright (c) 1996-2018, Industrial Forestry Service Ltd.

Type Basal Area Table (m2/ha)

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 386
Project: CP 386

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

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

07-Nov-2018 10:56:10AM
Filename: cp 386.ccp
Compiled by: Western Forest Products Inc.
Cruised by: J. PATRICK, A. BELL
Version: 2018.00 IFS build 6202

Type 4 (M):H106HL: HB(C) 941, Plots in Type: 4, TUs: [TFL 19 : 4.0]

	F	C	H	B	Y	Total	DP	DU	LU
Utilization Limits									
Min DBH cm (M)	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
Stump Ht cm (M)	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Top Dia cm (M)	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
Log Len m	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		4.5				4.5			
45									
50				4.5		4.5			
55		4.5	4.5			9.0			
60									
65			4.5	4.5		9.0			
70									
75			4.5			4.5			
80									
85							4.5		
90			4.5			4.5			
95									
100			4.5			4.5			
105									
110		4.5	9.0		4.5	18.0			
115									
120									
125									
130									
135									
140									
145									
150									
175									
200									
225									
250									
275									
Total		13.5	31.5	9.0	4.5	58.5			
Dead P					4.5		4.5		
Dead U									
Live U									
		Basal Area (m2/ha) at 5 Levels							
12.5 +		13.5	31.5	9.0	4.5	58.5	4.5		
17.5 +		13.5	31.5	9.0	4.5	58.5	4.5		
22.5 +		13.5	31.5	9.0	4.5	58.5	4.5		
27.5 +		13.5	31.5	9.0	4.5	58.5	4.5		
32.5 +		13.5	31.5	9.0	4.5	58.5	4.5		

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Measure Plots Only, Damage,

CruiseComp Copyright (c) 1996-2018, Industrial Forestry Service Ltd.

Type Basal Area Table (m2/ha)

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 386
Project: CP 386

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

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

07-Nov-2018 10:56:10AM
Filename: cp 386.ccp
Compiled by: Western Forest Products Inc.
Cruised by: J. PATRICK, A. BELL
Version: 2018.00 IFS build 6202

Type 5 (M):L41: HB 961, Plots in Type: 10, TUs: [TFL 19 : 8.1]

	F	C	H	B	Y	Total	DP	DU	LU
Utilization Limits									
Min DBH cm (M)	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
Stump Ht cm (M)	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Top Dia cm (M)	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
Log Len m	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
DBH Class									
5									
10									
15									
20				1.8		1.8			
25			1.8			1.8			
30									
35			1.8			1.8			
40									
45			1.8			1.8			
50			3.6			3.6			
55			1.8			1.8			
60			1.8			1.8	1.8		
65									
70			3.6	1.8		5.4			
75			1.8			1.8	1.8		
80			7.2	3.6		10.8			
85			7.2			7.2	1.8		
90		1.8	3.6			5.4			
95			1.8			1.8	1.8		
100			3.6			3.6			
105			10.8	1.8		12.6			
110			1.8	5.4		7.2			
115				1.8		1.8	1.8		
120					1.8	1.8			
125			5.4			5.4			
130			1.8			1.8			
135		1.8				1.8			
140									
145									
150		1.8				1.8			
175									
200									
225									
250									
275									
Total		5.4	61.2	16.2	1.8	84.6			
Dead P		1.8	3.6	1.8	1.8		9.0		
Dead U									
Live U									
		Basal Area (m2/ha) at 5 Levels							
12.5 +		5.4	61.2	16.2	1.8	84.6	9.0		
17.5 +		5.4	61.2	16.2	1.8	84.6	9.0		
22.5 +		5.4	61.2	14.4	1.8	82.8	9.0		
27.5 +		5.4	59.4	14.4	1.8	81.0	9.0		
32.5 +		5.4	59.4	14.4	1.8	81.0	9.0		

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Measure Plots Only, Damage,

CruiseComp Copyright (c) 1996-2018, Industrial Forestry Service Ltd.

Plot Summary

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 386
Project: CP 386

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

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

07-Nov-2018 10:56:10AM
Filename: cp 386.ccp
Compiled by: Western Forest Products Inc.
Cruised by: J. PATRICK, A. BELL
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
1-Z108E: HCF 941	08E	1	1	18.000F	32	W.R. Cedar	4	1029.79	29.84	449.50	335.07	303.60	261.85				211
						Hemlock	1	109.26	45.80	162.99	127.46	117.68	100.24				396
						All Sp.	5	1139.05	31.72	612.48	462.52	421.28	362.09	1705			
		1	2	18.000F	44	W.R. Cedar	1	195.94	34.20	133.03	92.32	83.01	65.05				211
						Doug-Fir	1	280.19	28.60	114.50	90.68	84.96	74.08				110
						Hemlock	1	110.70	45.50	160.09	125.19	115.59	98.46				396
						All Sp.	3	586.84	34.23	407.62	308.20	283.55	237.59	1705			
		1	3	18.000F	82	W.R. Cedar	3	241.94	53.31	449.53	319.26	287.79	239.31				211
						Doug-Fir	1	309.77	27.20	93.67	91.61	86.93	85.05				110
						Hemlock	1	240.03	30.90	131.95	126.15	118.23	118.23				396
						All Sp.	5	791.75	38.04	675.16	537.01	492.95	442.59	1705			
		1	4	18.000F	82	W.R. Cedar	1	67.66	58.20	201.96	130.87	116.73	90.68				211
						Doug-Fir	3	217.61	56.21	599.02	527.38	497.43	471.88				110
						Hemlock	1	584.59	19.80	93.19	93.19	89.46	89.46			302	
						All Sp.	5	869.86	36.30	894.16	751.43	703.62	652.02	1705			
		1	5	18.000F	147	W.R. Cedar	1	117.84	44.10	131.81	109.14	99.91	93.32				211
						Doug-Fir	2	63.81	84.76	353.71	290.48	272.79	246.81				110
						G-Shatt	1	20.21	106.50	175.52	115.14	106.37	80.57				110
						Hemlock	2	100.01	67.70	533.08	529.88	497.89	497.89				396
						All Sp.	5	281.66	63.78	1018.59	929.49	870.60	838.02	1705			
		1	6	18.000F	150	W.R. Cedar	1	17.03	116.00	209.56	145.86	131.19	109.18				211
						Doug-Fir	1	10.20	149.90	229.37	154.37	142.90	106.43				110
						All Sp.	2	27.23	129.74	438.93	300.22	274.08	215.61	1705			
		1	7	18.000F	34	W.R. Cedar	2	142.72	56.67	304.62	204.25	182.93	146.54				211
						G-Shatt	1	120.56	43.60	147.41	96.40	86.09	65.89				211
						Hemlock	3	474.42	38.07	529.87	456.68	424.89	381.54				396
						All Sp.	5	617.14	43.09	834.49	660.93	607.81	528.08	1705			
		1	8	18.000F	67	W.R. Cedar	2	145.38	56.15	269.71	175.28	156.40	122.17				211
						Hemlock	2	227.45	44.89	378.90	376.25	353.51	353.51				396
						All Sp.	4	372.83	49.59	648.61	551.53	509.91	475.68	1705			
3-H106HL: F(C) 95	06H	1	1	25.000F	58	W.R. Cedar	1	501.24	25.20	151.73	148.70	141.11	141.11			202	
						Doug-Fir	4	64.76	140.22	1169.25	1151.72	1093.25	1093.25				110
						Y. Cedar	1	20.87	123.50	256.64	132.42	114.46	64.67				610
						All Sp.	6	586.87	57.05	1577.62	1432.84	1348.82	1299.04	1805			
4-H106HL: HB(C) 9	06H	1	2	18.000F	82	W.R. Cedar	1	154.62	38.50	101.99	85.88	78.74	74.66				211
						Hemlock	2	90.02	71.36	463.86	409.01	381.18	360.50				396
						All Sp.	3	244.63	53.01	565.85	494.89	459.92	435.16	1805			
		1	3	18.000F	58	Balsam	1	52.93	65.80	271.86	261.53	247.93	245.76				411
						W.R. Cedar	1	19.47	108.50	176.13	145.13	132.80	116.60				211

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Measure Plots Only, Damage,

CruiseComp Copyright (c) 1996-2018, Industrial Forestry Service Ltd.

Plot Summary

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 386
Project: CP 386

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

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

07-Nov-2018 10:56:10AM
Filename: cp 386.ccp
Compiled by: Western Forest Products Inc.
Cruised by: J. PATRICK, A. BELL
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
4-H106HL: HB(C) 9	06H	1	3	18.000F	58	Hemlock	3	122.34	74.97	751.16	639.91	594.84	558.45				396
						E-Down	1	18.87	110.20	241.28	186.27	171.79	153.94				396
						Y. Cedar	1	19.18	109.30	236.68	135.62	119.05	79.76				610
						All Sp.	6	213.93	80.17	1435.82	1182.18	1094.62	1000.57	1805			
		1	4	18.000F	75	W.R. Cedar	1	77.73	54.30	143.58	117.59	107.54	97.20				211
						Y. Cedar	1	30.28	87.00	218.93	156.75	141.43	119.97				610
						G-Shatt	1	30.28	87.00	218.93	156.75	141.43	119.97				610
						All Sp.	2	108.01	65.14	362.50	274.34	248.96	217.17	1805			
		1	5	18.000F	73	Balsam	1	95.06	49.10	272.92	252.18	235.80	230.62				411
						Hemlock	2	41.72	104.82	508.79	504.22	473.70	473.70				396
						All Sp.	3	136.78	70.90	781.71	756.40	709.50	704.32	1805			
5-L41: HB 961	L41	1	1	18.000F	109	Balsam	3	70.99	98.41	1048.10	940.72	884.89	848.50				411
						Hemlock	2	180.46	50.40	495.40	489.58	459.86	459.86				396
						All Sp.	5	251.45	67.51	1543.49	1430.30	1344.75	1308.36	1809			
		1	2	18.000F	67	Hemlock	7	228.55	83.78	2101.67	2002.48	1876.38	1852.59				396
						All Sp.	7	228.55	83.78	2101.67	2002.48	1876.38	1852.59	1809			
		1	3	18.000F	75	W.R. Cedar	3	50.59	116.58	614.01	455.05	412.07	349.58				211
						Hemlock	2	55.24	91.10	570.17	551.71	517.50	517.50				396
						E-Down	2	55.24	91.10	570.17	551.71	517.50	517.50				396
						Y. Cedar	1	16.60	117.50	254.47	135.89	118.07	70.74				610
						All Sp.	6	122.42	105.98	1438.64	1142.65	1047.64	937.82	1809			
		1	4	18.000F	53	NIL	0										
						All Sp.	0							1809			
		1	5	18.000F	74	W.R. Cedar	1	32.48	84.00	174.80	117.29	105.06	87.05				211
						G-Shatt	1	32.48	84.00	174.80	117.29	105.06	87.05				211
						Hemlock	2	58.07	88.85	619.59	601.62	564.45	564.45				396
						All Sp.	3	90.55	87.14	794.39	718.91	669.50	651.50	1809			
		1	6	18.000F	79	Hemlock	6	217.18	79.57	1752.99	1714.65	1609.47	1609.47				396
						All Sp.	6	217.18	79.57	1752.99	1714.65	1609.47	1609.47	1809			
		1	7	18.000F	96	Hemlock	8	630.97	53.91	2156.12	1908.56	1779.19	1704.67				396
						All Sp.	8	630.97	53.91	2156.12	1908.56	1779.19	1704.67	1809			
		1	8	18.000F	132	Balsam	3	80.38	92.48	1188.67	1005.24	942.25	861.84				411
						Hemlock	3	142.16	69.54	988.50	977.23	917.92	917.92				396
						All Sp.	6	222.55	78.61	2177.17	1982.47	1860.18	1779.76	1809			
		1	9	18.000F	61	Balsam	1	715.28	17.90	67.57	67.57	64.87	64.87			402	
						Hemlock	4	261.89	59.17	1203.96	1129.62	1057.38	1019.09				396
						All Sp.	5	977.17	34.24	1271.53	1197.19	1122.25	1083.96	1809			

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Measure Plots Only, Damage,

CruiseComp Copyright (c) 1996-2018, Industrial Forestry Service Ltd.

Plot Summary

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 386
Project: CP 386

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

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

07-Nov-2018 10:56:10AM
Filename: cp 386.ccp
Compiled by: Western Forest Products Inc.
Cruised by: J. PATRICK, A. BELL
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
5-L41: HB 961	L41	1	10	18.000F	150	Balsam	3	99.88	82.97	966.79	910.02	861.68	847.11				411
						Hemlock	2	79.40	75.98	514.63	397.66	366.78	324.31				396
						E-Down	1	65.84	59.00	272.59	211.53	195.18	170.37				396
						Y. Cedar	1	17.33	115.00	215.32	118.86	103.79	65.89				610
						All Sp.	6	196.61	83.63	1696.75	1426.54	1332.25	1237.30	1809			

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Measure Plots Only, Damage,

CruiseComp Copyright (c) 1996-2018, Industrial Forestry Service Ltd.

Plot Frequency Report

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 386
Project: CP 386

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

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

07-Nov-2018 10:56:10AM
Filename: cp 386.ccp
Compiled by: Western Forest Products Inc.
Cruised by: J. PATRICK, A. BELL
Version: 2018.00 IFS build 6202

Measure Plots

Blocks	Timber Type 1	3	4	5
BLOCK 06H (M)				
# of Plots		1	4	
ha / Plot		0.60	1.00	
BLOCK 08E (M)				
# of Plots	8			
ha / Plot	0.81			
BLOCK L41 (M)				
# of Plots				10
ha / Plot				0.81
Cutting Permit				
# of Plots	8	1	4	10
ha / Plot	0.81	0.60	1.00	0.81

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Measure Plots Only, Damage,

CruiseComp Copyright (c) 1996-2018, Industrial Forestry Service Ltd.

Plot Frequency Report

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 386
Project: CP 386

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

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

07-Nov-2018 10:56:10AM
Filename: cp 386.ccp
Compiled by: Western Forest Products Inc.
Cruised by: J. PATRICK, A. BELL
Version: 2018.00 IFS build 6202

Measure Plots

Harvest Methods	Timber Type 1	3	4	5
METHOD CC				
# of Plots	3			10
ha / Plot	1.10			0.81
METHOD HL				
# of Plots		1	4	
ha / Plot		0.60	1.00	
METHOD SC				
# of Plots	5			
ha / Plot	0.64			
All Methods				
# of Plots	8	1	4	10
ha / Plot	0.81	0.60	1.00	0.81

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Measure Plots Only, Damage,

CruiseComp Copyright (c) 1996-2018, Industrial Forestry Service Ltd.

Plot Frequency Report

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 386
Project: CP 386

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

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

07-Nov-2018 10:56:10AM
Filename: cp 386.ccp
Compiled by: Western Forest Products Inc.
Cruised by: J. PATRICK, A. BELL
Version: 2018.00 IFS build 6202

Count Plots

Blocks	Timber Type 1	3	4	5
BLOCK 06H (M)				
# of Plots				
ha / Plot				
BLOCK 08E (M)				
# of Plots				
ha / Plot				
BLOCK L41 (M)				
# of Plots				
ha / Plot				
Cutting Permit				
# of Plots				
ha / Plot				

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Measure Plots Only, Damage,

CruiseComp Copyright (c) 1996-2018, Industrial Forestry Service Ltd.

Plot Frequency Report

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 386
Project: CP 386

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

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

07-Nov-2018 10:56:10AM
Filename: cp 386.ccp
Compiled by: Western Forest Products Inc.
Cruised by: J. PATRICK, A. BELL
Version: 2018.00 IFS build 6202

Count Plots

Harvest Methods	Timber Type 1	3	4	5
METHOD CC				
# of Plots				
ha / Plot				
METHOD HL				
# of Plots				
ha / Plot				
METHOD SC				
# of Plots				
ha / Plot				
All Methods				
# of Plots				
ha / Plot				

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Measure Plots Only, Damage,

CruiseComp Copyright (c) 1996-2018, Industrial Forestry Service Ltd.

*** FOR APPRAISAL PURPOSES ***

WESTERN FOREST PRODUCTS INC.

Cruise Compilation Project Report

Project Identification		**Compilation Specifications**	
Location of Cruise	: Nesook/Zeballos	Volume and Taper Equations	: A. Kozak 1989
Licence	: TFL 19	Decay Waste and Breakage Factors	: BCFS Zonal and PSYU
Project Number	: CP 386	Compiled By	: Western Forest Products Inc.
Cutting Permit	: 386	Cruised By	: J. PATRICK, A. BELL
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	: 07-Nov-2018 : 10:56:10AM
		Method	: Average Line Method

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Measure Plots Only, 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 06H		
Type 3	0.60	0.60
Type 4	4.00	4.00
Total	4.60	4.60
Block 08E		
Type 1	6.50	6.50
Total	6.50	6.50
Block L41		
Type 5	8.10	8.10
Total	8.10	8.10

Harvest Method Areas

		Treatment Units
Harvest Methods	Total	TFL 19
Method CC		
Type 1	3.30	3.30
Type 5	8.10	8.10
Total	11.40	11.40
Method HL		
Type 3	0.60	0.60
Type 4	4.00	4.00
Total	4.60	4.60
Method SC		
Type 1	3.20	3.20
Total	3.20	3.20

CruiseComp Copyright (c) 1996-2018, Industrial Forestry Service Ltd.

Partial Cut Percent

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 386
Project: CP 386

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

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

07-Nov-2018 10:56:10AM
Filename: cp 386.ccp
Compiled by: Western Forest Products Inc.
Cruised by: J. PATRICK, A. BELL
Version: 2018.00 IFS build 6202

Species	Type	TU	Net Volume	Reduced Net Volume	Partial Cut Pct
All Species	1		3048	3048	100%
All Species	3		779	779	100%
All Species	4		2357	2357	100%
All Species	5		9854	9854	100%

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Measure Plots Only, Damage,

CruiseComp Copyright (c) 1996-2018, Industrial Forestry Service Ltd.

Partial Cut Percent

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 386
Project: CP 386

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

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

07-Nov-2018 10:56:10AM
Filename: cp 386.ccp
Compiled by: Western Forest Products Inc.
Cruised by: J. PATRICK, A. BELL
Version: 2018.00 IFS build 6202

Species	Type	TU	Net Volume	Reduced Net Volume	Partial Cut Pct
All Species		TFL 19	16039	16039	100%

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Measure Plots Only, Damage,

CruiseComp Copyright (c) 1996-2018, Industrial Forestry Service Ltd.

Partial Cut Percent

Average Line Method
WESTERN FOREST PRODUCTS INC.
Licence Number: TFL 19 CP: 386
Project: CP 386

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

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

07-Nov-2018 10:56:10AM
Filename: cp 386.ccp
Compiled by: Western Forest Products Inc.
Cruised by: J. PATRICK, A. BELL
Version: 2018.00 IFS build 6202

Species	Type	TU	Net Volume	Reduced Net Volume	Partial Cut Pct
All Species	1	TFL 19	3048	3048	100%
All Species	3	TFL 19	779	779	100%
All Species	4	TFL 19	2357	2357	100%
All Species	5	TFL 19	9854	9854	100%

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Measure Plots Only, Damage,

CruiseComp Copyright (c) 1996-2018, Industrial Forestry Service Ltd.

Block Harvest Method

Average Line Method | Grades: MOF Computerized | FIZ: B | 07-Nov-2018 10:56:10AM
WESTERN FOREST PRODUCTS INC. | Computerized Decay | TFL: TFL 19 | Filename: cp 386.ccp
Licence Number: TFL 19 CP: 386 | Computerized Waste | Region: 2 - West Coast | Compiled by: Western Forest Products Inc.
Project: CP 386 | Computerized Breakage | District: 05 - Campbell River | Cruised by: J. PATRICK, A. BELL
Version: 2018.00 IFS build 6202

Net Area: Block : (M) - 06H:H106HL, Plots in Block: 5, [Method HL : 4.6]
Gross Area: [Reserves : 7.3][Grand Total : 11.9]

		Total	Conifer	Decid	F	C	H	B	Y
Utilization Limits									
Min DBH cm (M)					17.5	17.5	17.5	17.5	17.5
Stump Ht cm (M)					30.0	30.0	30.0	30.0	30.0
Top Dia cm (M)					15.0	15.0	15.0	15.0	15.0
Log Len m					10.0	10.0	10.0	10.0	10.0
Volume and Size Data									
Gross Merchantable	m3	4092	4092		702	513	1724	545	610
Net Merchantable	m3	3137	3137		656	373	1393	476	239
Net Merch - All	m3/ha	682	682		143	81	303	104	52
Distribution	%	100	100		21	12	44	15	8
Decay	%	13	13		2	15	10	6	39
Waste	%	5	5			6	3	1	15
Waste(billing)	%	6	6			8	4	2	38
Breakage	%	6	6		5	7	6	6	7
Total Cull (DWB)	%	23	23		7	27	19	13	61
Basal Area / Ha	m2/ha	74.3	74.3		13.0	15.0	27.4	7.8	11.1
Net VBAR	m3/m2	9.264	9.264		1.426	5.381	9.611	11.507	5.162
Stems/Ha (Live & DP)		229.5	229.5		8.4	120.1	55.2	32.2	13.5
Avg DBH (Live & DP)	cm	64.2	64.2		140.2	39.9	79.5	55.7	102.4
Snags/Ha									
Avg Snag DBH	cm								
Gross Merch Vol/Tree	m3	3.88	3.88		18.06	0.93	6.78	3.68	9.83
Net Merch Vol/Tree	m3	2.97	2.97		16.88	0.68	5.48	3.22	3.85
Avg Weight Total Ht	m	38.0	38.0		45.8	26.7	38.8	37.6	37.3
Avg Weight Merch Ht	m	32.6	32.6		41.8	20.0	32.4	31.4	32.3
Avg 10.0 m Log Net	m3	1.44	1.44		4.45	0.61	1.82	1.02	1.37
Avg 10.0 m Log Gross	m3	1.74	1.74		4.51	0.77	2.10	1.10	2.97
Avg # of 10.0 m Logs/Tree		2.23	2.23		4.00	1.21	3.24	3.36	3.31
Net Immature	%	2.7	2.7			22.7			
Net 2nd Growth	%		2.7						
Average Slope	%	70							
Algorithm Grades %									
#3 Peeler	C	5	5		22				
#1 Lum/#1 Prem	D	6	6		22				17
#2 Sawlog	H	36	36		30	19	36	50	48
#3 Sawlog	I	7	7				11	17	
#4 Sawlog	J	11	11			69		17	
#5 Utility	U	17	17		19	9	18	15	27
#6 Utility	X	4	4				9		
#7 Chipper	Y	14	14		7	3	26	1	8
Statistical Summary									
Coeff. of Variation	%	48.3	48.3			61.2	79.0	129.2	112.4
Two Standard Error	%	68.8	68.8			87.1	112.4	183.9	159.9
Number and Type of Plots		MP = 5							
Number of Potential Trees		20							
Plots/Ha		1.1							
Cruised Trees/Plot		4.0							

Slope % Statistics

Min= 58, Max= 82, CV=15.5, Std Error of Mean=4.8, 2SE%=19.3

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Measure Plots Only, Damage,

CruiseComp Copyright (c) 1996-2018, Industrial Forestry Service Ltd.

Block Harvest Method

Average Line Method | Grades: MOF Computerized | FIZ: B | 07-Nov-2018 10:56:10AM
WESTERN FOREST PRODUCTS INC. | Computerized Decay | TFL: TFL 19 | Filename: cp 386.ccp
Licence Number: TFL 19 CP: 386 | Computerized Waste | Region: 2 - West Coast | Compiled by: Western Forest Products Inc.
Project: CP 386 | Computerized Breakage | District: 05 - Campbell River | Cruised by: J. PATRICK, A. BELL
Version: 2018.00 IFS build 6202

Net Area: Block : (M) - 08E:Z108E, Plots in Block: 8, [All Harvest Methods : 6.5]
Gross Area: [R/W Removed : 1.2][Reserves : 1.2][Grand Total : 8.9]

		Total	Conifer	Decid	F	C	H	B	Y
Utilization Limits									
Min DBH cm (M)					17.5	17.5	17.5	17.5	17.5
Stump Ht cm (M)					30.0	30.0	30.0	30.0	30.0
Top Dia cm (M)					15.0	15.0	15.0	15.0	15.0
Log Len m					10.0	10.0	10.0	10.0	10.0
Volume and Size Data									
Gross Merchantable	m3	4493	4493		1130	1747	1617		
Net Merchantable	m3	3048	3048		800	917	1332		
Net Merch - All	m3/ha	469	469		123	141	205		
Distribution	%	100	100		26	30	44		
Decay	%	19	19		17	30	8		
Waste	%	7	7		7	11	4		
Waste(billing)	%	11	11		10	21	5		
Breakage	%	6	6		5	7	6		
Total Cull (DWB)	%	32	32		29	48	18		
Basal Area / Ha	m2/ha	76.5	76.5		18.0	33.8	24.8		
Net VBAR	m3/m2	6.130	6.130		6.835	4.178	8.279		
Stems/Ha (Live & DP)		585.8	585.8		110.2	244.8	230.8		
Avg DBH (Live & DP)	cm	40.8	40.8		45.6	41.9	37.0		
Snags/Ha									
Avg Snag DBH	cm								
Gross Merch Vol/Tree	m3	1.18	1.18		1.58	1.10	1.08		
Net Merch Vol/Tree	m3	0.80	0.80		1.12	0.58	0.89		
Avg Weight Total Ht	m	30.2	30.2		36.0	27.6	29.2		
Avg Weight Merch Ht	m	23.8	23.8		29.9	20.8	22.3		
Avg 10.0 m Log Net	m3	0.48	0.48		0.58	0.36	0.54		
Avg 10.0 m Log Gross	m3	0.64	0.64		0.76	0.61	0.61		
Avg # of 10.0 m Logs/Tree		1.84	1.84		2.07	1.81	1.76		
Net Immature	%	2.4	2.4				5.5		
Net 2nd Growth	%		2.4						
Average Slope	%	85							
Algorithm Grades %									
#3 Peeler	C	8	8		33				
#1 Lum/#1 Prem	D	1	1		4				
#2 Lum/#1 Lum	F	4	4			1	8		
#2 Sawlog	H	9	9		3	9	13		
#3 Sawlog	I	1	1		2	3			
#4 Sawlog	J	45	45		25	46	55		
#3 Shingle	L	2	2			7			
#4 Shingle	M	1	1			2			
#5 Utility	U	18	18		23	24	10		
#6 Utility	X	8	8			7	13		
#7 Chipper	Y	3	3		10	1	1		
Statistical Summary									
Coeff. of Variation	%	44.4	44.4		132.7	51.0	87.3		
Two Standard Error	%	37.1	37.1		110.9	42.7	73.0		
Number and Type of Plots		MP = 8							
Number of Potential Trees		34							
Plots/Ha		1.2							
Cruised Trees/Plot		4.3							

Slope % Statistics

Min= 32, Max=150, CV=58.6, Std Error of Mean=16.5, 2SE%=49.0

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Measure Plots Only, Damage,

CruiseComp Copyright (c) 1996-2018, Industrial Forestry Service Ltd.

Block Harvest Method

Average Line Method | Grades: MOF Computerized | FIZ: B | 07-Nov-2018 10:56:10AM
WESTERN FOREST PRODUCTS INC. | Computerized Decay | TFL: TFL 19 | Filename: cp 386.ccp
Licence Number: TFL 19 CP: 386 | Computerized Waste | Region: 2 - West Coast | Compiled by: Western Forest Products Inc.
Project: CP 386 | Computerized Breakage | District: 05 - Campbell River | Cruised by: J. PATRICK, A. BELL
Version: 2018.00 IFS build 6202

Net Area: Block : (M) - 08E:Z108E, Plots in Block: 3, [Method CC : 3.3]

		Total	Conifer	Decid	F	C	H	B	Y
Utilization Limits									
Min DBH cm (M)					17.5	17.5	17.5	17.5	17.5
Stump Ht cm (M)					30.0	30.0	30.0	30.0	30.0
Top Dia cm (M)					15.0	15.0	15.0	15.0	15.0
Log Len m					10.0	10.0	10.0	10.0	10.0
Volume and Size Data									
Gross Merchantable	m3	2281	2281		573	887	821		
Net Merchantable	m3	1548	1548		406	465	676		
Net Merch - All	m3/ha	469	469		123	141	205		
Distribution	%	100	100		26	30	44		
Decay	%	19	19		17	30	8		
Waste	%	7	7		7	11	4		
Waste(billing)	%	11	11		10	21	5		
Breakage	%	6	6		5	7	6		
Total Cull (DWB)	%	32	32		29	48	18		
Basal Area / Ha	m2/ha	76.5	76.5		18.0	33.8	24.8		
Net VBAR	m3/m2	6.130	6.130		6.835	4.178	8.279		
Stems/Ha (Live & DP)		585.8	585.8		110.2	244.8	230.8		
Avg DBH (Live & DP)	cm	40.8	40.8		45.6	41.9	37.0		
Snags/Ha									
Avg Snag DBH	cm								
Gross Merch Vol/Tree	m3	1.18	1.18		1.58	1.10	1.08		
Net Merch Vol/Tree	m3	0.80	0.80		1.12	0.58	0.89		
Avg Weight Total Ht	m	30.2	30.2		36.0	27.6	29.2		
Avg Weight Merch Ht	m	23.8	23.8		29.9	20.8	22.3		
Avg 10.0 m Log Net	m3	0.48	0.48		0.58	0.36	0.54		
Avg 10.0 m Log Gross	m3	0.64	0.64		0.76	0.61	0.61		
Avg # of 10.0 m Logs/Tree		1.84	1.84		2.07	1.81	1.76		
Net Immature	%	2.4	2.4				5.5		
Net 2nd Growth	%		2.4						
Average Slope	%	126							
Algorithm Grades %									
#3 Peeler	C	8	8		33				
#1 Lum/#1 Prem	D	1	1		4				
#2 Lum/#1 Lum	F	4	4			1	8		
#2 Sawlog	H	9	9		3	9	13		
#3 Sawlog	I	1	1		2	3			
#4 Sawlog	J	45	45		25	46	55		
#3 Shingle	L	2	2			7			
#4 Shingle	M	1	1			2			
#5 Utility	U	18	18		23	24	10		
#6 Utility	X	8	8			7	13		
#7 Chipper	Y	3	3		10	1	1		
Statistical Summary									
Coeff. of Variation	%	44.4	44.4		132.7	51.0	87.3		
Two Standard Error	%	37.1	37.1		110.9	42.7	73.0		
Number and Type of Plots		MP = 3							
Number of Potential Trees		12							
Plots/Ha		0.9							
Cruised Trees/Plot		4.0							

Slope % Statistics

Min= 82, Max=150, CV=30.4, Std Error of Mean=22.2, 2SE%=75.6

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Measure Plots Only, Damage,

CruiseComp Copyright (c) 1996-2018, Industrial Forestry Service Ltd.

Block Harvest Method

Average Line Method | Grades: MOF Computerized | FIZ: B | 07-Nov-2018 10:56:10AM
WESTERN FOREST PRODUCTS INC. | Computerized Decay | TFL: TFL 19 | Filename: cp 386.ccp
Licence Number: TFL 19 CP: 386 | Computerized Waste | Region: 2 - West Coast | Compiled by: Western Forest Products Inc.
Project: CP 386 | Computerized Breakage | District: 05 - Campbell River | Cruised by: J. PATRICK, A. BELL
Version: 2018.00 IFS build 6202

Net Area: Block : (M) - 08E:Z108E, Plots in Block: 5, [Method SC : 3.2]

		Total	Conifer	Decid	F	C	H	B	Y
Utilization Limits									
Min DBH cm (M)					17.5	17.5	17.5	17.5	17.5
Stump Ht cm (M)					30.0	30.0	30.0	30.0	30.0
Top Dia cm (M)					15.0	15.0	15.0	15.0	15.0
Log Len m					10.0	10.0	10.0	10.0	10.0
Volume and Size Data									
Gross Merchantable	m3	2212	2212		556	860	796		
Net Merchantable	m3	1501	1501		394	451	656		
Net Merch - All	m3/ha	469	469		123	141	205		
Distribution	%	100	100		26	30	44		
Decay	%	19	19		17	30	8		
Waste	%	7	7		7	11	4		
Waste(billing)	%	11	11		10	21	5		
Breakage	%	6	6		5	7	6		
Total Cull (DWB)	%	32	32		29	48	18		
Basal Area / Ha	m2/ha	76.5	76.5		18.0	33.8	24.8		
Net VBAR	m3/m2	6.130	6.130		6.835	4.178	8.279		
Stems/Ha (Live & DP)		585.8	585.8		110.2	244.8	230.8		
Avg DBH (Live & DP)	cm	40.8	40.8		45.6	41.9	37.0		
Snags/Ha									
Avg Snag DBH	cm								
Gross Merch Vol/Tree	m3	1.18	1.18		1.58	1.10	1.08		
Net Merch Vol/Tree	m3	0.80	0.80		1.12	0.58	0.89		
Avg Weight Total Ht	m	30.2	30.2		36.0	27.6	29.2		
Avg Weight Merch Ht	m	23.8	23.8		29.9	20.8	22.3		
Avg 10.0 m Log Net	m3	0.48	0.48		0.58	0.36	0.54		
Avg 10.0 m Log Gross	m3	0.64	0.64		0.76	0.61	0.61		
Avg # of 10.0 m Logs/Tree		1.84	1.84		2.07	1.81	1.76		
Net Immature	%	2.4	2.4				5.5		
Net 2nd Growth	%		2.4						
Average Slope	%	52							
Algorithm Grades %									
#3 Peeler	C	8	8		33				
#1 Lum/#1 Prem	D	1	1		4				
#2 Lum/#1 Lum	F	4	4			1	8		
#2 Sawlog	H	9	9		3	9	13		
#3 Sawlog	I	1	1		2	3			
#4 Sawlog	J	45	45		25	46	55		
#3 Shingle	L	2	2			7			
#4 Shingle	M	1	1			2			
#5 Utility	U	18	18		23	24	10		
#6 Utility	X	8	8			7	13		
#7 Chipper	Y	3	3		10	1	1		
Statistical Summary									
Coeff. of Variation	%	44.4	44.4		132.7	51.0	87.3		
Two Standard Error	%	37.1	37.1		110.9	42.7	73.0		
Number and Type of Plots		MP = 5							
Number of Potential Trees		22							
Plots/Ha		1.6							
Cruised Trees/Plot		4.4							

Slope % Statistics

Min= 32, Max= 82, CV=42.2, Std Error of Mean=9.8, 2SE%=52.4

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Measure Plots Only, Damage,

CruiseComp Copyright (c) 1996-2018, Industrial Forestry Service Ltd.

Block Harvest Method

Average Line Method | Grades: MOF Computerized | FIZ: B | 07-Nov-2018 10:56:10AM
WESTERN FOREST PRODUCTS INC. | Computerized Decay | TFL: TFL 19 | Filename: cp 386.ccp
Licence Number: TFL 19 CP: 386 | Computerized Waste | Region: 2 - West Coast | Compiled by: Western Forest Products Inc.
Project: CP 386 | Computerized Breakage | District: 05 - Campbell River | Cruised by: J. PATRICK, A. BELL
Version: 2018.00 IFS build 6202

Net Area: Block : (M) - L41:L41, Plots in Block: 10, [Method CC : 8.1]
Gross Area: [R/W Removed : 2.0][Reserves : 3.0][Grand Total : 13.1]

		Total	Conifer	Decid	F	C	H	B	Y
Utilization Limits									
Min DBH cm (M)					17.5	17.5	17.5	17.5	17.5
Stump Ht cm (M)					30.0	30.0	30.0	30.0	30.0
Top Dia cm (M)					15.0	15.0	15.0	15.0	15.0
Log Len m					10.0	10.0	10.0	10.0	10.0
Volume and Size Data									
Gross Merchantable	m3	12096	12096			639	8426	2650	381
Net Merchantable	m3	9854	9854			354	7266	2124	111
Net Merch - All	m3/ha	1217	1217			44	897	262	14
Distribution	%	100	100			4	74	22	1
Decay	%	9	9			27	6	11	46
Waste	%	3	3			10	2	4	18
Waste(billing)	%	4	4			18	2	5	62
Breakage	%	6	6			7	6	5	7
Total Cull (DWB)	%	19	19			45	14	20	71
Basal Area / Ha	m2/ha	93.6	93.6			7.2	64.8	18.0	3.6
Net VBAR	m3/m2	12.997	12.997			6.064	13.842	14.568	3.795
Stems/Ha (Live & DP)		293.7	293.7			8.3	185.4	96.7	3.4
Avg DBH (Live & DP)	cm	63.7	63.7			105.1	66.7	48.7	116.2
Snags/Ha									
Avg Snag DBH	cm								
Gross Merch Vol/Tree	m3	5.08	5.08			9.50	5.61	3.38	13.85
Net Merch Vol/Tree	m3	4.14	4.14			5.26	4.84	2.71	4.03
Avg Weight Total Ht	m	47.1	47.1			43.2	46.3	51.3	41.8
Avg Weight Merch Ht	m	40.7	40.7			37.0	39.1	46.8	36.7
Avg 10.0 m Log Net	m3	1.62	1.62			1.59	1.69	1.45	1.25
Avg 10.0 m Log Gross	m3	1.85	1.85			2.55	1.83	1.70	3.46
Avg # of 10.0 m Logs/Tree		2.74	2.74			3.72	3.07	1.99	4.00
Net Immature	%	0.5	0.5					2.5	
Net 2nd Growth	%		0.5						
Average Slope	%	90							
Algorithm Grades %									
#1 Lum/#1 Prem	D	15	15				12	29	
#2 Lum/#1 Lum	F	4	4				1	12	
#2 Sawlog	H	26	26			55	27	18	25
#3 Sawlog	I	28	28			16	28	25	56
#4 Sawlog	J	4	4				5		
#4 Shingle	M					10			
#5 Utility	U	14	14			16	15	11	9
#6 Utility	X	6	6				8	3	
#7 Chipper	Y	3	3			3	4	2	10
Statistical Summary									
Coeff. of Variation	%	47.6	47.6			254.0	71.2	155.5	211.0
Two Standard Error	%	34.0	34.0			181.7	50.9	111.2	150.9
Number and Type of Plots		MP = 10							
Number of Potential Trees		52							
Plots/Ha		1.2							
Cruised Trees/Plot		5.2							

Slope % Statistics

Min= 53, Max=150, CV=35.5, Std Error of Mean=10.1, 2SE%=25.4

FLAGS: Full Volumes, Normal Cruise, All Trees Compiled, Measure Plots Only, Damage,

CruiseComp Copyright (c) 1996-2018, Industrial Forestry Service Ltd.