WEST FRASER MILLS LTD.

TFL52 - CP# 336

1300 C Road
Block #: 67 and 69

SUMMARY OF VOLUMES (loss factors)
FULL VOLUMES APPLIED

21-Feb-2018 04:49:42PM

Cruised by: LUKE WATKISS
Compiled by: West Fraser Mills

Map Area Statement Report

Average Line Method | Grades: MOF Computerized | FIZ: I | 21-Feb-2018 04:49:42PM
WEST FRASER MILLS LTD. | Computerized Decay | TFL: TFL 52 | Filename: TFL52_336_RW.ccp
Licence Number: TFL52 CP: 336 | Computerized Waste | Region: 3 - Cariboo | Compiled by: West Fraser Mills
Project: WFM-SOV67 | Computerized Breakage | District: 01 - Quesnel | Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

Card A Cruise Identity

Licence #	: TFL52	Cutting Permit #	: 336
Number of Blocks	: 2	Forest Region	: Cariboo
Forest District	: Quesnel	Type	: TFL
Unit No	: TFL 52	Tenure	: T.F.L. Cutting Permit (INTERIOR)
Quota	: Prop./Mngd.PSYU,TFL,or SSA	Sale Type	: None
Elevation	: 1	Co-ordinates Zone	: Zone 10
East	: 0	North	: 0
Total Merch Area	: 33.50	Report Type	: *** FOR APPRAISAL PURPOSES ***
Locality	: 1300 C Road		

Card B Compilation Standard

Damage	: Damage	Selective	: Compile All Trees
Double Sampling	: Measure and Counts Plots	Special Compilation	: Interior Wet Belt Fir
Species Compilation	: Exceptions Used	Type of Compilation	: Interior

Compilation Standard	Mature	Immature	PL
DBH Limit	17.50	12.00	12.50
Stump Height	30	30	30
Top Diameter	10.00	10.00	10.00

Card C Type Description

		Silvicultural Treatment Units
Type	Description	A
1	S(B)741	8.9
2	SB741	17.1
5	SB641	7.5

Card D Block Description

				Silvicultural Treatment Units
Block	Description	Maturity	Type	A
067	67	M	1	8.9
			2	17.1
069	69	M	5	7.5

Card F Harvesting Description

Harvest Method	Harvest Description	Type	Silvicultural Treatment Units A
CC	Cable - Clearcut	1	7.3
		2	9.2
SC	Ground Systems - Clearcut	1	1.6
		2	7.9
		5	7.5

Card G Treatment Unit Description

Treatment Unit	Description
A	A

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

Double Sampling Factors

Average Line Method
WEST FRASER MILLS LTD.
Licence Number: TFL52 CP: 336
Project: WFM-SOV67

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: I
TFL: TFL 52
Region: 3 - Cariboo
District: 01 - Quesnel

21-Feb-2018 04:49:42PM
Filename: TFL52_336_RW.ccp
Compiled by: West Fraser Mills
Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

	B	S	PL
Utilization Limits			
Min DBH cm (M)	17.5	17.5	12.5
Stump Ht cm (M)	30.0	30.0	30.0
Top Dia cm (M)	10.0	10.0	10.0
Log Len m	5.0	5.0	5.0

Type Factors

Forest Types:

1 :S(B)741	0.6364	0.7948	0.9091
2 :SB741	0.8900	1.4026	0.9091
5 :SB641	1.8800	1.7556	0.6000

Block Factors

Block 067:
Forest Types:

1 :S(B)741	0.6364	0.7948	0.9091
2 :SB741	0.8900	1.4026	0.9091
5 :SB641	1.0000	1.0000	1.0000

Block 069:
Forest Types:

1 :S(B)741	1.0000	1.0000	1.0000
2 :SB741	1.0000	1.0000	1.0000
5 :SB641	1.8800	1.7556	0.6000

Harvest Method Factors

Method: CC: Cable - Clearcut
Forest Types:

1 :S(B)741	0.6000	0.7581	0.8333
2 :SB741	0.7273	1.6250	0.5000
5 :SB641	1.0000	1.0000	1.0000

Method: SC: Ground Systems - Clearcut
Forest Types:

1 :S(B)741	1.0000	1.0000	1.0000
2 :SB741	1.0938	1.3417	1.0000
5 :SB641	1.8800	1.7556	0.6000

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

Appraisal Summary Report

21-Feb-2018 04:49:42PM

Average Line Method
WEST FRASER MILLS LTD.
Licence Number: TFL52 CP: 336
Project: WFM-SOV67
Location : 1300 C Road

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage
No Of Blocks : 2

FIZ: I
TFL: TFL 52
Region: 3 - Cariboo
District: 01 - Quesnel

Filename: TFL52_336_RW.ccp
Compiled by: West Fraser Mills
Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

Utilization Levels:	Minimum DBH	Top Diameter	Stump Height
Mature Blocks: (cm)	17.5	10.0	30
Immature Blocks:(cm)	12.0	10.0	30
Exception[PL]: (cm)	12.5	10.0	30
Standard Log Length:(m)	5.00		

Net Area: [All Treatment Units : 33.5]

All Method Summary

Species Code	Description	Net Volume (m3) All	Live	DP	Net Volume / ha All	Live	DP	Decay%	Stud Log%	LRF	All Burn%
BA	Balsam	3676	2884	793	109.738	86.078	23.660	15	42	177	0
LO	L.P. Pine	470	82	388	14.028	2.440	11.588	23	13	129	0
SP	Spruce	8522	6892	1630	254.381	205.721	48.660	13	12	215	0
	Conifer	12668	9857	2811	378.147	294.239	83.907	14	21		0
	Total	12668	9857	2811	378.147	294.239	83.907	14	21		0

Harvesting Method Summaries

Species	Harvest Method	Net Volume	Average Slope%	Net Vol /Tree	Net Vol/ha	Defect% (DWB)	Partial Cut%	All Fire%	Heavy Fire%	Down Tree%	Dead Useless%
All Species	CC	7284	45	0.94	441.433	20		0	0	5	2
	SC	5384	30	0.75	316.721	25		0	0	17	1
	All Methods	12668	37	0.85	378.147	22		0	0	10	2
Conifer	CC	7284	45	0.94	441.433	20		0	0	5	2
	SC	5384	30	0.75	316.721	25		0	0	17	1
	All Methods	12668	37	0.85	378.147	22		0	0	10	2

Insect Damage Net Volume (m3)

L.P. Pine Green Attack	L.P. Pine Red Attack	L.P. Pine Grey Attack	All Other Conifer Insect Damage
0	0	388	2649

L.P. Pine Red/Grey Attack % of Conifer by Block

067: 2.5% 069: 7.5%

Cutting Authority

95% Confidence Interval	13.8
Plots/Ha	1.1
Cruised Trees/Plot	6.2
Cruise Date (yy-mm):	16-08

Plots: 38 # <= 5yrs: 38 # > 5yrs: 0 # > 10yrs: 0 # no date: 0

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

All Method Summary

Average Line Method | Grades: MOF Computerized | FIZ: I | 21-Feb-2018 04:49:42PM
WEST FRASER MILLS LTD. | Computerized Decay | TFL: TFL 52 | Filename: TFL52_336_RW.ccp
Licence Number: TFL52 CP: 336 | Computerized Waste | Region: 3 - Cariboo | Compiled by: West Fraser Mills
Project: WFM-SOV67 | Computerized Breakage | District: 01 - Quesnel | Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

[All Treatment Units : 33.5]

		Total	Conifer	Decid	B	S	PL
Utilization Limits							
Min DBH cm (M)					17.5	17.5	12.5
Stump Ht cm (M)					30.0	30.0	30.0
Top Dia cm (M)					10.0	10.0	10.0
Log Len m					5.0	5.0	5.0
Volume and Size Data							
Gross Merchantable	m3	16313	16313		4717	10601	995
Net Merchantable	m3	12668	12668		3676	8522	470
Net Merch - All	m3/ha	378.147	378.147		109.738	254.381	14.028
Net Merch - Live	m3/ha	294.239	294.239		86.078	205.721	2.440
Net Merch - DP	m3/ha	83.907	83.907		23.660	48.660	11.588
Decay	%	14	14		15	13	23
Waste(billing)	%	6	6		6	6	17
Total Cull (DWB)	%	22	22		22	20	53
Net Merch Vol/Tree	m3	0.85	0.85		0.42	1.53	0.81
Avg 5.0 m Log Net	m3	0.26	0.26		0.16	0.36	0.24
Useless Dead/Living	%	2	2		2	0	19
Net Second Growth	%						
All Burn Volume	%						
Heavy Fire Volume	%						
Blowdown Volume	%	10	10		17	7	17
Insect Volume	%	24	24		13	26	83
LRF and Log Summary							
Net Merch - Stud	%	21	21		42	12	13
Net Merch - Small Log	%	41	41		74	27	43
Net Merch - Large Log	%	59	59		26	73	57
Avg LRF All	bdft/m3	201	201		177	215	129

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

Harvest Method Summary

Average Line Method
WEST FRASER MILLS LTD.
Licence Number: TFL52 CP: 336
Project: WFM-SOV67

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: I
TFL: TFL 52
Region: 3 - Cariboo
District: 01 - Quesnel

21-Feb-2018 04:49:42PM
Filename: TFL52_336_RW.ccp
Compiled by: West Fraser Mills
Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

Harvest Method : CC - Cable - Clearcut [All Treatment Units : 16.5]

		Total	Conifer	Decid	B	S	PL
Utilization Limits							
Min DBH cm (M)					17.5	17.5	12.5
Stump Ht cm (M)					30.0	30.0	30.0
Top Dia cm (M)					10.0	10.0	10.0
Log Len m					5.0	5.0	5.0
Volume and Size Data							
Gross Merchantable	m3	9115	9115		2447	6144	525
Net Merchantable	m3	7284	7284		1920	5108	256
Net Merch - All	m3/ha	441.433	441.433		116.337	309.561	15.536
Net Merch - Live	m3/ha	374.549	374.549		99.257	271.228	4.064
Net Merch - DP	m3/ha	66.884	66.884		17.079	38.333	11.472
Decay	%	13	13		15	11	23
Waste(billing)	%	5	5		6	5	17
Total Cull (DWB)	%	20	20		22	17	51
Net Merch Vol/Tree	m3	0.94	0.94		0.44	1.67	0.82
Avg 5.0 m Log Net	m3	0.28	0.28		0.17	0.37	0.24
Useless Dead/Living	%	2	2		2	0	24
Net Second Growth	%						
All Burn Volume	%						
Heavy Fire Volume	%						
Blowdown Volume	%	5	5		9	3	6
Insect Volume	%	16	16		4	18	74
% Average Slope		45					
LRF and Log Summary							
Net Merch - Stud	%	19	19		40	11	13
Net Merch - Small Log	%	39	39		72	26	43
Net Merch - Large Log	%	61	61		28	74	57
Avg LRF All	bdft/m3	203	203		176	217	135

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

Harvest Method Summary

Average Line Method
WEST FRASER MILLS LTD.
Licence Number: TFL52 CP: 336
Project: WFM-SOV67

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: I
TFL: TFL 52
Region: 3 - Cariboo
District: 01 - Quesnel

21-Feb-2018 04:49:42PM
Filename: TFL52_336_RW.ccp
Compiled by: West Fraser Mills
Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

Harvest Method : SC - Ground Systems - Clearcut[All Treatment Units : 17.0]

		Total	Conifer	Decid	B	S	PL
Utilization Limits							
Min DBH cm (M)					17.5	17.5	12.5
Stump Ht cm (M)					30.0	30.0	30.0
Top Dia cm (M)					10.0	10.0	10.0
Log Len m					5.0	5.0	5.0
Volume and Size Data							
Gross Merchantable	m3	7198	7198		2271	4457	470
Net Merchantable	m3	5384	5384		1757	3414	214
Net Merch - All	m3/ha	316.721	316.721		103.333	200.824	12.565
Net Merch - Live	m3/ha	216.292	216.292		73.286	142.141	0.865
Net Merch - DP	m3/ha	100.430	100.430		30.047	58.682	11.701
Decay	%	16	16		15	15	22
Waste(billing)	%	8	8		7	8	18
Total Cull (DWB)	%	25	25		23	23	55
Net Merch Vol/Tree	m3	0.75	0.75		0.40	1.35	0.79
Avg 5.0 m Log Net	m3	0.24	0.24		0.16	0.34	0.24
Useless Dead/Living	%	1	1		1	0	12
Net Second Growth	%						
All Burn Volume	%						
Heavy Fire Volume	%						
Blowdown Volume	%	17	17		25	13	29
Insect Volume	%	34	34		22	37	93
% Average Slope		30					
LRF and Log Summary							
Net Merch - Stud	%	23	23		45	12	14
Net Merch - Small Log	%	44	44		76	27	43
Net Merch - Large Log	%	56	56		24	73	57
Avg LRF All	bdft/m3	197	197		178	212	120

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

Cutting Permit Damage Summary [Blowdown Damage]

Average Line Method
WEST FRASER MILLS LTD.
Licence Number: TFL52 CP: 336
Project: WFM-SOV67

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: I
TFL: TFL 52
Region: 3 - Cariboo
District: 01 - Quesnel

21-Feb-2018 04:49:42PM
Filename: TFL52_336_RW.ccp
Compiled by: West Fraser Mills
Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

Net Area: [A : 33.5]
Gross Area: [NCBr : 2.3][Reserves : 7.1][Grand Total : 42.9]
Species: Balsam

Type of Damage:		Total	Normal	E-Down	G-Shatt
Volume and Size Data					
Gross Merchantable	m3	4717	3476	639	324
Net Merchantable	m3	3676	2935	412	195
Net Merch - All	m3/ha	110	88	12	6
Distribution	%	100	80	11	5
Decay	%	15	11	24	27
Waste	%	5	3	9	10
Waste(billing)	%	6	3	14	17
Breakage	%	2	2	3	3
Total Cull (DWB)	%	22	16	35	40
Stems/Ha (Live & DP)		261.8	201.1	24.7	10.2
Avg DBH (Live & DP)	cm	28.2	28.2	29.7	32.3
Snags/Ha		4.0	4.0		
Avg Snag DBH	cm	46.4	46.4		
Gross Merch Vol/Tree	m3	0.54	0.52	0.77	0.95
Net Merch Vol/Tree	m3	0.42	0.44	0.50	0.57
Avg Weight Total Ht	m	24.5	23.0	31.1	30.9
Avg Weight Merch Ht	m	18.9	17.6	24.8	24.7
Avg 5.0 m Log Net	m3	0.16	0.17	0.19	0.16
Avg 5.0 m Log Gross	m3	0.21	0.19	0.29	0.25
Avg # of 5.0 m Logs/Tree		2.62	2.66	2.70	3.84
Net Immature	%	46.8	50.9	39.9	32.1
LRF and Log Summary					
Net Merch - Stud	%	42.3	41.7	42.3	43.2
Net Merch - Small Log	%	74.0	78.6	49.9	64.8
Net Merch - Large Log	%	26.0	21.4	50.1	35.2
Avg LRF All	bdft/m3	177.0	182.0	187.2	137.7

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

Cutting Permit Damage Summary [Blowdown Damage]

Average Line Method | Grades: MOF Computerized | FIZ: I | 21-Feb-2018 04:49:42PM
WEST FRASER MILLS LTD. | Computerized Decay | TFL: TFL 52 | Filename: TFL52_336_RW.ccp
Licence Number: TFL52 CP: 336 | Computerized Waste | Region: 3 - Cariboo | Compiled by: West Fraser Mills
Project: WFM-SOV67 | Computerized Breakage | District: 01 - Quesnel | Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

Net Area: [A : 33.5]
Gross Area: [NCBr : 2.3][Reserves : 7.1][Grand Total : 42.9]
Species: L.P. Pine

Type of Damage:		Total	Normal	E-Down	G-Shatt
Volume and Size Data					
Gross Merchantable	m3	995	121	112	158
Net Merchantable	m3	470	82	48	31
Net Merch - All	m3/ha	14	2	1	1
Distribution	%	100	17	10	7
Decay	%	23	19	17	64
Waste	%	8	12	10	15
Waste(billing)	%	17	17	23	76
Breakage	%	22	2	30	2
Total Cull (DWB)	%	53	33	57	80
Stems/Ha (Live & DP)		17.4	1.5	1.4	1.6
Avg DBH (Live & DP)	cm	42.2	53.1	50.3	50.3
Snags/Ha		4.0	4.0		
Avg Snag DBH	cm	46.7	46.7		
Gross Merch Vol/Tree	m3	1.71	2.49	2.47	3.03
Net Merch Vol/Tree	m3	0.81	1.68	1.06	0.59
Avg Weight Total Ht	m	31.3	29.7	32.0	38.5
Avg Weight Merch Ht	m	26.3	25.7	27.9	34.2
Avg 5.0 m Log Net	m3	0.24	0.35	0.30	0.09
Avg 5.0 m Log Gross	m3	0.35	0.50	0.41	0.43
Avg # of 5.0 m Logs/Tree		4.87	5.00	6.00	7.00
Net Immature	%				
LRF and Log Summary					
Net Merch - Stud	%	13.2	5.1	8.5	8.2
Net Merch - Small Log	%	43.3	16.6	21.5	18.4
Net Merch - Large Log	%	56.7	83.4	78.5	81.6
Avg LRF All	bdft/m3	128.6	205.8	123.3	71.7

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

Cutting Permit Damage Summary [Blowdown Damage]

Average Line Method | Grades: MOF Computerized | FIZ: I | 21-Feb-2018 04:49:42PM
WEST FRASER MILLS LTD. | Computerized Decay | TFL: TFL 52 | Filename: TFL52_336_RW.ccp
Licence Number: TFL52 CP: 336 | Computerized Waste | Region: 3 - Cariboo | Compiled by: West Fraser Mills
Project: WFM-SOV67 | Computerized Breakage | District: 01 - Quesnel | Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

Net Area: [A : 33.5]
Gross Area: [NCBr : 2.3][Reserves : 7.1][Grand Total : 42.9]
Species: Spruce

Type of Damage:		Total	Normal	E-Down	G-Shatt
Volume and Size Data					
Gross Merchantable	m3	10601	6898	443	504
Net Merchantable	m3	8522	6061	257	325
Net Merch - All	m3/ha	254	181	8	10
Distribution	%	100	71	3	4
Decay	%	13	8	28	23
Waste	%	5	2	12	10
Waste(billing)	%	6	3	21	16
Breakage	%	2	2	2	2
Total Cull (DWB)	%	20	12	42	36
Stems/Ha (Live & DP)		166.8	108.7	5.5	20.5
Avg DBH (Live & DP)	cm	45.2	44.7	54.0	31.6
Snags/Ha		0.7	0.7		
Avg Snag DBH	cm	79.5	79.5		
Gross Merch Vol/Tree	m3	1.90	1.89	2.40	0.73
Net Merch Vol/Tree	m3	1.53	1.66	1.39	0.47
Avg Weight Total Ht	m	34.1	34.9	29.3	28.0
Avg Weight Merch Ht	m	29.6	30.3	25.2	22.9
Avg 5.0 m Log Net	m3	0.36	0.39	0.32	0.19
Avg 5.0 m Log Gross	m3	0.43	0.43	0.53	0.29
Avg # of 5.0 m Logs/Tree		4.37	4.41	4.53	2.57
Net Immature	%	2.3	1.8		26.0
LRF and Log Summary					
Net Merch - Stud	%	11.6	12.0	7.0	30.2
Net Merch - Small Log	%	26.6	26.5	20.7	38.6
Net Merch - Large Log	%	73.4	73.5	79.3	61.4
Avg LRF All	bdft/m3	215.0	219.7	196.1	190.3

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

Cutting Permit Damage Summary [Insect Damage]

Average Line Method | Grades: MOF Computerized | FIZ: I | 21-Feb-2018 04:49:42PM
WEST FRASER MILLS LTD. | Computerized Decay | TFL: TFL 52 | Filename: TFL52_336_RW.ccp
Licence Number: TFL52 CP: 336 | Computerized Waste | Region: 3 - Cariboo | Compiled by: West Fraser Mills
Project: WFM-SOV67 | Computerized Breakage | District: 01 - Quesnel | Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

Net Area: [A : 33.5]
Gross Area: [NCBr : 2.3][Reserves : 7.1][Grand Total : 42.9]
Species: Balsam

Type of Damage:		Total	Normal	3-Grey
Volume and Size Data				
Gross Merchantable	m3	4717	3476	762
Net Merchantable	m3	3676	2935	463
Net Merch - All	m3/ha	110	88	14
Distribution	%	100	80	13
Decay	%	15	11	26
Waste	%	5	3	11
Waste(billing)	%	6	3	17
Breakage	%	2	2	3
Total Cull (DWB)	%	22	16	39
Stems/Ha (Live & DP)		261.8	201.1	48.6
Avg DBH (Live & DP)	cm	28.2	28.2	26.2
Snags/Ha		4.0	4.0	
Avg Snag DBH	cm	46.4	46.4	
Gross Merch Vol/Tree	m3	0.54	0.52	0.47
Net Merch Vol/Tree	m3	0.42	0.44	0.28
Avg Weight Total Ht	m	24.5	23.0	25.9
Avg Weight Merch Ht	m	18.9	17.6	20.7
Avg 5.0 m Log Net	m3	0.16	0.17	0.15
Avg 5.0 m Log Gross	m3	0.21	0.19	0.23
Avg # of 5.0 m Logs/Tree		2.62	2.66	2.03
Net Immature	%	46.8	50.9	35.5
LRF and Log Summary				
Net Merch - Stud	%	42.3	41.7	51.8
Net Merch - Small Log	%	74.0	78.6	56.0
Net Merch - Large Log	%	26.0	21.4	44.0
Avg LRF All	bdft/m3	177.0	182.0	160.6

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

Cutting Permit Damage Summary [Insect Damage]

Average Line Method | Grades: MOF Computerized | FIZ: I | 21-Feb-2018 04:49:42PM
WEST FRASER MILLS LTD. | Computerized Decay | TFL: TFL 52 | Filename: TFL52_336_RW.ccp
Licence Number: TFL52 CP: 336 | Computerized Waste | Region: 3 - Cariboo | Compiled by: West Fraser Mills
Project: WFM-SOV67 | Computerized Breakage | District: 01 - Quesnel | Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

Net Area: [A : 33.5]
Gross Area: [NCBr : 2.3][Reserves : 7.1][Grand Total : 42.9]
Species: L.P. Pine

Type of Damage:		Total	Normal	3-Grey
Volume and Size Data				
Gross Merchantable	m3	995	121	874
Net Merchantable	m3	470	82	388
Net Merch - All	m3/ha	14	2	12
Distribution	%	100	17	83
Decay	%	23	19	23
Waste	%	8	12	8
Waste(billing)	%	17	17	17
Breakage	%	22	2	25
Total Cull (DWB)	%	53	33	56
Stems/Ha (Live & DP)		17.4	1.5	15.9
Avg DBH (Live & DP)	cm	42.2	53.1	41.1
Snags/Ha		4.0	4.0	
Avg Snag DBH	cm	46.7	46.7	
Gross Merch Vol/Tree	m3	1.71	2.49	1.64
Net Merch Vol/Tree	m3	0.81	1.68	0.73
Avg Weight Total Ht	m	31.3	29.7	31.5
Avg Weight Merch Ht	m	26.3	25.7	26.4
Avg 5.0 m Log Net	m3	0.24	0.35	0.23
Avg 5.0 m Log Gross	m3	0.35	0.50	0.34
Avg # of 5.0 m Logs/Tree		4.87	5.00	4.86
Net Immature	%			
LRF and Log Summary				
Net Merch - Stud	%	13.2	5.1	14.9
Net Merch - Small Log	%	43.3	16.6	48.9
Net Merch - Large Log	%	56.7	83.4	51.1
Avg LRF All	bdft/m3	128.6	205.8	112.3

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

Cutting Permit Damage Summary [Insect Damage]

Average Line Method
WEST FRASER MILLS LTD.
Licence Number: TFL52 CP: 336
Project: WFM-SOV67

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: I
TFL: TFL 52
Region: 3 - Cariboo
District: 01 - Quesnel

21-Feb-2018 04:49:42PM
Filename: TFL52_336_RW.ccp
Compiled by: West Fraser Mills
Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

Net Area: [A : 33.5]
Gross Area: [NCBr : 2.3][Reserves : 7.1][Grand Total : 42.9]
Species: Spruce

Type of Damage:		Total	Normal	5-Grn-L	6-Grn-D	7-Gry-D
Volume and Size Data						
Gross Merchantable	m3	10601	6898	424	549	2318
Net Merchantable	m3	8522	6061	362	469	1356
Net Merch - All	m3/ha	254	181	11	14	40
Distribution	%	100	71	4	6	16
Decay	%	13	8	10	10	27
Waste	%	5	2	3	3	12
Waste(billing)	%	6	3	3	3	21
Breakage	%	2	2	2	2	2
Total Cull (DWB)	%	20	12	15	15	42
Stems/Ha (Live & DP)		166.8	108.7	4.6	6.3	25.8
Avg DBH (Live & DP)	cm	45.2	44.7	51.4	53.7	53.7
Snags/Ha		0.7	0.7			
Avg Snag DBH	cm	79.5	79.5			
Gross Merch Vol/Tree	m3	1.90	1.89	2.75	2.59	2.68
Net Merch Vol/Tree	m3	1.53	1.66	2.35	2.21	1.57
Avg Weight Total Ht	m	34.1	34.9	36.2	32.3	33.3
Avg Weight Merch Ht	m	29.6	30.3	31.3	28.0	28.8
Avg 5.0 m Log Net	m3	0.36	0.39	0.40	0.45	0.31
Avg 5.0 m Log Gross	m3	0.43	0.43	0.46	0.51	0.51
Avg # of 5.0 m Logs/Tree		4.37	4.41	6.00	5.06	5.29
Net Immature	%	2.3	1.8			
LRF and Log Summary						
Net Merch - Stud	%	11.6	12.0	4.5	7.2	8.5
Net Merch - Small Log	%	26.6	26.5	26.3	19.6	25.4
Net Merch - Large Log	%	73.4	73.5	73.7	80.4	74.6
Avg LRF All	bdft/m3	215.0	219.7	216.5	218.8	199.3

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

Block Summary

Average Line Method
WEST FRASER MILLS LTD.
Licence Number: TFL52 CP: 336
Project: WFM-SOV67

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: I
TFL: TFL 52
Region: 3 - Cariboo
District: 01 - Quesnel

21-Feb-2018 04:49:42PM
Filename: TFL52_336_RW.ccp
Compiled by: West Fraser Mills
Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

Net Area: Block : (M) - 067:67, Plots in Block: 33, TUs: [A : 26.0]
Gross Area: [NCBr : 2.3][Reserves : 7.1][Grand Total : 35.4]

		Total	Conifer	Decid	B	S	PL
Utilization Limits							
Min DBH cm (M)					17.5	17.5	12.5
Stump Ht cm (M)					30.0	30.0	30.0
Top Dia cm (M)					10.0	10.0	10.0
Log Len m					5.0	5.0	5.0
Volume and Size Data							
Gross Merchantable	m3	14210	14210		4055	9388	767
Net Merchantable	m3	11225	11225		3176	7687	362
Net Merch - All	m3/ha	432	432		122	296	14
Distribution	%	100	100		28	68	3
Decay	%	13	13		15	12	25
Waste	%	5	5		5	4	8
Waste(billing)	%	6	6		6	5	18
Breakage	%	3	3		2	2	20
Total Cull (DWB)	%	21	21		22	18	53
Stems/Ha (Live & DP)		486.7	486.7		292.8	175.7	18.1
Avg DBH (Live & DP)	cm	36.4	36.4		28.2	46.6	41.4
Snags/Ha		11.3	11.3		5.2	0.9	5.2
Avg Snag DBH	cm	50.0	50.0		46.4	79.5	46.7
Gross Merch Vol/Tree	m3	1.12	1.12		0.53	2.05	1.63
Net Merch Vol/Tree	m3	0.89	0.89		0.42	1.68	0.77
Avg Weight Total Ht	m	31.4	31.4		24.2	34.6	31.1
Avg Weight Merch Ht	m	26.7	26.7		18.7	30.1	25.9
Avg 5.0 m Log Net	m3	0.27	0.27		0.16	0.37	0.23
Avg 5.0 m Log Gross	m3	0.33	0.33		0.20	0.44	0.34
Avg # of 5.0 m Logs/Tree		3.43	3.43		2.63	4.63	4.75
Net Immature	%	13.1	13.1		43.6	1.1	
Average Slope	%	37					
LRF and Log Summary							
Net Merch - Stud	%	19.5	19.5		41.1	10.9	14.4
Net Merch - Small Log	%	40.2	40.2		74.6	25.7	46.4
Net Merch - Large Log	%	59.8	59.8		25.4	74.3	53.6
Avg LRF All	bdft/m3	202.0	202.0		175.3	216.3	130.7
Statistical Summary							
Coeff. of Variation	%	29.8	29.8		63.3	42.5	167.7
Two Standard Error	%	14.0	14.0		29.8	20.0	79.0
Number and Type of Plots		MP = 18	CP = 15				
Number of Potential Trees		119					
Plots/Ha		1.3					
Cruised Trees/Plot		6.3					

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

Block Summary

Average Line Method
WEST FRASER MILLS LTD.
Licence Number: TFL52 CP: 336
Project: WFM-SOV67

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: I
TFL: TFL 52
Region: 3 - Cariboo
District: 01 - Quesnel

21-Feb-2018 04:49:42PM
Filename: TFL52_336_RW.ccp
Compiled by: West Fraser Mills
Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

Net Area: Block : (M) - 069:69, Plots in Block: 5, TUs: [A : 7.5]

		Total	Conifer	Decid	B	S	PL
Utilization Limits							
Min DBH cm (M)					17.5	17.5	12.5
Stump Ht cm (M)					30.0	30.0	30.0
Top Dia cm (M)					10.0	10.0	10.0
Log Len m					5.0	5.0	5.0
Volume and Size Data							
Gross Merchantable	m3	2103	2103		662	1213	228
Net Merchantable	m3	1443	1443		500	835	108
Net Merch - All	m3/ha	192	192		67	111	14
Distribution	%	100	100		35	58	7
Decay	%	18	18		16	20	15
Waste	%	8	8		6	9	7
Waste(billing)	%	11	11		8	13	16
Breakage	%	5	5		2	2	30
Total Cull (DWB)	%	31	31		24	31	53
Stems/Ha (Live & DP)		304.9	304.9		154.3	135.8	14.8
Avg DBH (Live & DP)	cm	33.9	33.9		27.8	38.5	45.5
Snags/Ha							
Avg Snag DBH	cm						
Gross Merch Vol/Tree	m3	0.92	0.92		0.57	1.19	2.06
Net Merch Vol/Tree	m3	0.63	0.63		0.43	0.82	0.98
Avg Weight Total Ht	m	29.0	29.0		26.1	30.0	31.9
Avg Weight Merch Ht	m	23.8	23.8		19.8	25.3	27.7
Avg 5.0 m Log Net	m3	0.23	0.23		0.17	0.26	0.29
Avg 5.0 m Log Gross	m3	0.31	0.31		0.22	0.37	0.38
Avg # of 5.0 m Logs/Tree		2.99	2.99		2.56	3.21	5.41
Net Immature	%	30.7	30.7		67.1	12.9	
Average Slope	%	35					
LRF and Log Summary							
Net Merch - Stud	%	28.8	28.8		49.8	18.8	8.9
Net Merch - Small Log	%	46.9	46.9		70.2	34.8	32.9
Net Merch - Large Log	%	53.1	53.1		29.8	65.2	67.1
Avg LRF All	bdft/m3	191.9	191.9		187.8	203.4	121.4
Statistical Summary							
Coeff. of Variation	%	45.0	45.0		71.4	39.9	223.6
Two Standard Error	%	72.2	72.2		114.4	63.9	358.4
Number and Type of Plots		MP = 3	CP = 2				
Number of Potential Trees		10					
Plots/Ha		0.7					
Cruised Trees/Plot		5.0					

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

Block Damage Summary [Blowdown Damage]

Average Line Method | Grades: MOF Computerized | FIZ: I | 21-Feb-2018 04:49:42PM
WEST FRASER MILLS LTD. | Computerized Decay | TFL: TFL 52 | Filename: TFL52_336_RW.ccp
Licence Number: TFL52 CP: 336 | Computerized Waste | Region: 3 - Cariboo | Compiled by: West Fraser Mills
Project: WFM-SOV67 | Computerized Breakage | District: 01 - Quesnel | Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

Net Area: Block : (M) - 067:67, Plots in Block: 33, TUs: [A : 26.0]
Gross Area: [NCBr : 2.3][Reserves : 7.1][Grand Total : 35.4]
Species: Balsam

Type of Damage:		Total	Normal	E-Down	G-Shatt
Volume and Size Data					
Gross Merchantable	m3	4055	3298	155	324
Net Merchantable	m3	3176	2764	83	195
Net Merch - All	m3/ha	122	106	3	7
Distribution	%	100	87	3	6
Decay	%	15	11	32	27
Waste	%	5	3	11	10
Waste(billing)	%	6	3	21	17
Breakage	%	2	2	3	3
Total Cull (DWB)	%	22	16	46	40
Stems/Ha (Live & DP)		292.8	243.9	2.5	13.1
Avg DBH (Live & DP)	cm	28.2	28.3	44.7	32.3
Snags/Ha		5.2	5.2		
Avg Snag DBH	cm	46.4	46.4		
Gross Merch Vol/Tree	m3	0.53	0.52	2.40	0.95
Net Merch Vol/Tree	m3	0.42	0.44	1.29	0.57
Avg Weight Total Ht	m	24.2	23.1	39.0	30.9
Avg Weight Merch Ht	m	18.7	17.8	33.3	24.7
Avg 5.0 m Log Net	m3	0.16	0.17	0.19	0.16
Avg 5.0 m Log Gross	m3	0.20	0.20	0.34	0.25
Avg # of 5.0 m Logs/Tree		2.63	2.64	7.00	3.84
Net Immature	%	43.6	47.8		32.1
LRF and Log Summary					
Net Merch - Stud	%	41.1	41.4	7.1	43.2
Net Merch - Small Log	%	74.6	77.3	31.1	64.8
Net Merch - Large Log	%	25.4	22.7	68.9	35.2
Avg LRF All	bdft/m3	175.3	181.6	186.0	137.7

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

Block Damage Summary [Blowdown Damage]

Average Line Method | Grades: MOF Computerized | FIZ: I | 21-Feb-2018 04:49:42PM
WEST FRASER MILLS LTD. | Computerized Decay | TFL: TFL 52 | Filename: TFL52_336_RW.ccp
Licence Number: TFL52 CP: 336 | Computerized Waste | Region: 3 - Cariboo | Compiled by: West Fraser Mills
Project: WFM-SOV67 | Computerized Breakage | District: 01 - Quesnel | Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

Net Area: Block : (M) - 067:67, Plots in Block: 33, TUs: [A : 26.0]
Gross Area: [NCBr : 2.3][Reserves : 7.1][Grand Total : 35.4]
Species: L.P. Pine

Type of Damage:		Total	Normal	G-Shatt
Volume and Size Data				
Gross Merchantable	m3	767	121	158
Net Merchantable	m3	362	82	31
Net Merch - All	m3/ha	14	3	1
Distribution	%	100	23	9
Decay	%	25	19	64
Waste	%	8	12	15
Waste(billing)	%	18	17	76
Breakage	%	20	2	2
Total Cull (DWB)	%	53	33	80
Stems/Ha (Live & DP)		18.1	1.9	2.0
Avg DBH (Live & DP)	cm	41.4	53.1	50.3
Snags/Ha		5.2	5.2	
Avg Snag DBH	cm	46.7	46.7	
Gross Merch Vol/Tree	m3	1.63	2.49	3.03
Net Merch Vol/Tree	m3	0.77	1.68	0.59
Avg Weight Total Ht	m	31.1	29.7	38.5
Avg Weight Merch Ht	m	25.9	25.7	34.2
Avg 5.0 m Log Net	m3	0.23	0.35	0.09
Avg 5.0 m Log Gross	m3	0.34	0.50	0.43
Avg # of 5.0 m Logs/Tree		4.75	5.00	7.00
Net Immature	%			
LRF and Log Summary				
Net Merch - Stud	%	14.4	5.1	8.2
Net Merch - Small Log	%	46.4	16.6	18.4
Net Merch - Large Log	%	53.6	83.4	81.6
Avg LRF All	bdft/m3	130.7	205.8	71.7

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

Block Damage Summary [Blowdown Damage]

Average Line Method | Grades: MOF Computerized | FIZ: I | 21-Feb-2018 04:49:42PM
WEST FRASER MILLS LTD. | Computerized Decay | TFL: TFL 52 | Filename: TFL52_336_RW.ccp
Licence Number: TFL52 CP: 336 | Computerized Waste | Region: 3 - Cariboo | Compiled by: West Fraser Mills
Project: WFM-SOV67 | Computerized Breakage | District: 01 - Quesnel | Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

Net Area: Block : (M) - 067:67, Plots in Block: 33, TUs: [A : 26.0]
Gross Area: [NCBr : 2.3][Reserves : 7.1][Grand Total : 35.4]
Species: Spruce

Type of Damage:		Total	Normal	E-Down	G-Shatt
Volume and Size Data					
Gross Merchantable	m3	9388	6530	146	266
Net Merchantable	m3	7687	5710	86	189
Net Merch - All	m3/ha	296	220	3	7
Distribution	%	100	74	1	2
Decay	%	12	8	28	19
Waste	%	4	2	12	8
Waste(billing)	%	5	3	20	12
Breakage	%	2	2	2	2
Total Cull (DWB)	%	18	13	41	29
Stems/Ha (Live & DP)		175.7	110.1	3.3	24.2
Avg DBH (Live & DP)	cm	46.6	48.5	48.6	25.5
Snags/Ha		0.9	0.9		
Avg Snag DBH	cm	79.5	79.5		
Gross Merch Vol/Tree	m3	2.05	2.28	1.69	0.42
Net Merch Vol/Tree	m3	1.68	2.00	1.00	0.30
Avg Weight Total Ht	m	34.6	35.5	25.0	25.3
Avg Weight Merch Ht	m	30.1	30.9	20.9	19.6
Avg 5.0 m Log Net	m3	0.37	0.42	0.26	0.13
Avg 5.0 m Log Gross	m3	0.44	0.46	0.42	0.18
Avg # of 5.0 m Logs/Tree		4.63	4.91	4.00	2.34
Net Immature	%	1.1			44.8
LRF and Log Summary					
Net Merch - Stud	%	10.9	10.6	7.9	48.1
Net Merch - Small Log	%	25.7	24.6	25.6	54.6
Net Merch - Large Log	%	74.3	75.4	74.4	45.4
Avg LRF All	bdft/m3	216.3	220.7	189.6	178.4

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

Block Damage Summary [Insect Damage]

Average Line Method | Grades: MOF Computerized | FIZ: I | 21-Feb-2018 04:49:42PM
WEST FRASER MILLS LTD. | Computerized Decay | TFL: TFL 52 | Filename: TFL52_336_RW.ccp
Licence Number: TFL52 CP: 336 | Computerized Waste | Region: 3 - Cariboo | Compiled by: West Fraser Mills
Project: WFM-SOV67 | Computerized Breakage | District: 01 - Quesnel | Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

Net Area: Block : (M) - 067:67, Plots in Block: 33, TUs: [A : 26.0]
Gross Area: [NCBr : 2.3][Reserves : 7.1][Grand Total : 35.4]
Species: Balsam

Type of Damage:		Total	Normal	3-Grey
Volume and Size Data				
Gross Merchantable	m3	4055	3298	279
Net Merchantable	m3	3176	2764	134
Net Merch - All	m3/ha	122	106	5
Distribution	%	100	87	4
Decay	%	15	11	34
Waste	%	5	3	15
Waste(billing)	%	6	3	32
Breakage	%	2	2	3
Total Cull (DWB)	%	22	16	52
Stems/Ha (Live & DP)		292.8	243.9	33.3
Avg DBH (Live & DP)	cm	28.2	28.3	24.4
Snags/Ha		5.2	5.2	
Avg Snag DBH	cm	46.4	46.4	
Gross Merch Vol/Tree	m3	0.53	0.52	0.32
Net Merch Vol/Tree	m3	0.42	0.44	0.15
Avg Weight Total Ht	m	24.2	23.1	21.3
Avg Weight Merch Ht	m	18.7	17.8	17.2
Avg 5.0 m Log Net	m3	0.16	0.17	0.09
Avg 5.0 m Log Gross	m3	0.20	0.20	0.18
Avg # of 5.0 m Logs/Tree		2.63	2.64	1.76
Net Immature	%	43.6	47.8	
LRF and Log Summary				
Net Merch - Stud	%	41.1	41.4	53.3
Net Merch - Small Log	%	74.6	77.3	59.4
Net Merch - Large Log	%	25.4	22.7	40.6
Avg LRF All	bdft/m3	175.3	181.6	94.7

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

Block Damage Summary [Insect Damage]

Average Line Method | Grades: MOF Computerized | FIZ: I | 21-Feb-2018 04:49:42PM
WEST FRASER MILLS LTD. | Computerized Decay | TFL: TFL 52 | Filename: TFL52_336_RW.ccp
Licence Number: TFL52 CP: 336 | Computerized Waste | Region: 3 - Cariboo | Compiled by: West Fraser Mills
Project: WFM-SOV67 | Computerized Breakage | District: 01 - Quesnel | Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

Net Area: Block : (M) - 067:67, Plots in Block: 33, TUs: [A : 26.0]
Gross Area: [NCBr : 2.3][Reserves : 7.1][Grand Total : 35.4]
Species: L.P. Pine

Type of Damage:		Total	Normal	3-Grey
Volume and Size Data				
Gross Merchantable	m3	767	121	646
Net Merchantable	m3	362	82	280
Net Merch - All	m3/ha	14	3	11
Distribution	%	100	23	77
Decay	%	25	19	26
Waste	%	8	12	8
Waste(billing)	%	18	17	18
Breakage	%	20	2	23
Total Cull (DWB)	%	53	33	57
Stems/Ha (Live & DP)		18.1	1.9	16.3
Avg DBH (Live & DP)	cm	41.4	53.1	39.8
Snags/Ha		5.2	5.2	
Avg Snag DBH	cm	46.7	46.7	
Gross Merch Vol/Tree	m3	1.63	2.49	1.53
Net Merch Vol/Tree	m3	0.77	1.68	0.66
Avg Weight Total Ht	m	31.1	29.7	31.4
Avg Weight Merch Ht	m	25.9	25.7	25.9
Avg 5.0 m Log Net	m3	0.23	0.35	0.22
Avg 5.0 m Log Gross	m3	0.34	0.50	0.32
Avg # of 5.0 m Logs/Tree		4.75	5.00	4.72
Net Immature	%			
LRF and Log Summary				
Net Merch - Stud	%	14.4	5.1	17.2
Net Merch - Small Log	%	46.4	16.6	55.1
Net Merch - Large Log	%	53.6	83.4	44.9
Avg LRF All	bdft/m3	130.7	205.8	108.8

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

Block Damage Summary [Insect Damage]

Average Line Method | Grades: MOF Computerized | FIZ: I | 21-Feb-2018 04:49:42PM
WEST FRASER MILLS LTD. | Computerized Decay | TFL: TFL 52 | Filename: TFL52_336_RW.ccp
Licence Number: TFL52 CP: 336 | Computerized Waste | Region: 3 - Cariboo | Compiled by: West Fraser Mills
Project: WFM-SOV67 | Computerized Breakage | District: 01 - Quesnel | Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

Net Area: Block : (M) - 067:67, Plots in Block: 33, TUs: [A : 26.0]
Gross Area: [NCBr : 2.3][Reserves : 7.1][Grand Total : 35.4]
Species: Spruce

Type of Damage:		Total	Normal	5-Grn-L	6-Grn-D	7-Gry-D
Volume and Size Data						
Gross Merchantable	m3	9388	6530	424	549	1474
Net Merchantable	m3	7687	5710	362	469	871
Net Merch - All	m3/ha	296	220	14	18	34
Distribution	%	100	74	5	6	11
Decay	%	12	8	10	10	27
Waste	%	4	2	3	3	12
Waste(billing)	%	5	3	3	3	20
Breakage	%	2	2	2	2	2
Total Cull (DWB)	%	18	13	15	15	41
Stems/Ha (Live & DP)		175.7	110.1	5.9	8.1	24.1
Avg DBH (Live & DP)	cm	46.6	48.5	51.4	53.7	49.7
Snags/Ha		0.9	0.9			
Avg Snag DBH	cm	79.5	79.5			
Gross Merch Vol/Tree	m3	2.05	2.28	2.75	2.59	2.36
Net Merch Vol/Tree	m3	1.68	2.00	2.35	2.21	1.39
Avg Weight Total Ht	m	34.6	35.5	36.2	32.3	34.0
Avg Weight Merch Ht	m	30.1	30.9	31.3	28.0	29.4
Avg 5.0 m Log Net	m3	0.37	0.42	0.40	0.45	0.27
Avg 5.0 m Log Gross	m3	0.44	0.46	0.46	0.51	0.45
Avg # of 5.0 m Logs/Tree		4.63	4.91	6.00	5.06	5.28
Net Immature	%	1.1				
LRF and Log Summary						
Net Merch - Stud	%	10.9	10.6	4.5	7.2	9.4
Net Merch - Small Log	%	25.7	24.6	26.3	19.6	29.2
Net Merch - Large Log	%	74.3	75.4	73.7	80.4	70.8
Avg LRF All	bdft/m3	216.3	220.7	216.5	218.8	197.2

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

Block Damage Summary [Blowdown Damage]

Average Line Method | Grades: MOF Computerized | FIZ: I | 21-Feb-2018 04:49:42PM
WEST FRASER MILLS LTD. | Computerized Decay | TFL: TFL 52 | Filename: TFL52_336_RW.ccp
Licence Number: TFL52 CP: 336 | Computerized Waste | Region: 3 - Cariboo | Compiled by: West Fraser Mills
Project: WFM-SOV67 | Computerized Breakage | District: 01 - Quesnel | Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

Net Area: Block : (M) - 069:69, Plots in Block: 5, TUs: [A : 7.5]

Species: Balsam

Type of Damage:		Total	Normal	E-Down
Volume and Size Data				
Gross Merchantable	m3	662	178	483
Net Merchantable	m3	500	171	329
Net Merch - All	m3/ha	67	23	44
Distribution	%	100	34	66
Decay	%	16	2	21
Waste	%	6		8
Waste(billing)	%	8		12
Breakage	%	2	2	3
Total Cull (DWB)	%	24	4	32
Stems/Ha (Live & DP)		154.3	52.8	101.6
Avg DBH (Live & DP)	cm	27.8	27.5	28.0
Snags/Ha				
Avg Snag DBH	cm			
Gross Merch Vol/Tree	m3	0.57	0.45	0.63
Net Merch Vol/Tree	m3	0.43	0.43	0.43
Avg Weight Total Ht	m	26.1	19.5	28.6
Avg Weight Merch Ht	m	19.8	14.2	22.4
Avg 5.0 m Log Net	m3	0.17	0.15	0.19
Avg 5.0 m Log Gross	m3	0.22	0.15	0.27
Avg # of 5.0 m Logs/Tree		2.56	3.00	2.33
Net Immature	%	67.1	100.0	50.0
LRF and Log Summary				
Net Merch - Stud	%	49.8	47.1	51.2
Net Merch - Small Log	%	70.2	100.0	54.6
Net Merch - Large Log	%	29.8		45.4
Avg LRF All	bdft/m3	187.8	188.5	187.5

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

Block Damage Summary [Blowdown Damage]

Average Line Method | Grades: MOF Computerized | FIZ: I | 21-Feb-2018 04:49:42PM
WEST FRASER MILLS LTD. | Computerized Decay | TFL: TFL 52 | Filename: TFL52_336_RW.ccp
Licence Number: TFL52 CP: 336 | Computerized Waste | Region: 3 - Cariboo | Compiled by: West Fraser Mills
Project: WFM-SOV67 | Computerized Breakage | District: 01 - Quesnel | Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

Net Area: Block : (M) - 069:69, Plots in Block: 5, TUs: [A : 7.5]

Species: L.P. Pine

Type of Damage:		Total	E-Down
Volume and Size Data			
Gross Merchantable	m3	228	112
Net Merchantable	m3	108	48
Net Merch - All	m3/ha	14	6
Distribution	%	100	44
Decay	%	15	17
Waste	%	7	10
Waste(billing)	%	16	23
Breakage	%	30	30
Total Cull (DWB)	%	53	57
Stems/Ha (Live & DP)		14.8	6.0
Avg DBH (Live & DP)	cm	45.5	50.3
Snags/Ha			
Avg Snag DBH	cm		
Gross Merch Vol/Tree	m3	2.06	2.47
Net Merch Vol/Tree	m3	0.98	1.06
Avg Weight Total Ht	m	31.9	32.0
Avg Weight Merch Ht	m	27.7	27.9
Avg 5.0 m Log Net	m3	0.29	0.30
Avg 5.0 m Log Gross	m3	0.38	0.41
Avg # of 5.0 m Logs/Tree		5.41	6.00
Net Immature	%		
LRF and Log Summary			
Net Merch - Stud	%	8.9	8.5
Net Merch - Small Log	%	32.9	21.5
Net Merch - Large Log	%	67.1	78.5
Avg LRF All	bdft/m3	121.4	123.3

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

Block Damage Summary [Blowdown Damage]

Average Line Method | Grades: MOF Computerized | FIZ: I | 21-Feb-2018 04:49:42PM
WEST FRASER MILLS LTD. | Computerized Decay | TFL: TFL 52 | Filename: TFL52_336_RW.ccp
Licence Number: TFL52 CP: 336 | Computerized Waste | Region: 3 - Cariboo | Compiled by: West Fraser Mills
Project: WFM-SOV67 | Computerized Breakage | District: 01 - Quesnel | Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

Net Area: Block : (M) - 069:69, Plots in Block: 5, TUs: [A : 7.5]

Species: Spruce

Type of Damage:		Total	Normal	E-Down	G-Shatt
Volume and Size Data					
Gross Merchantable	m3	1213	368	298	238
Net Merchantable	m3	835	351	171	136
Net Merch - All	m3/ha	111	47	23	18
Distribution	%	100	42	21	16
Decay	%	20	3	28	28
Waste	%	9	0	13	13
Waste(billing)	%	13	0	22	23
Breakage	%	2	2	2	2
Total Cull (DWB)	%	31	5	42	43
Stems/Ha (Live & DP)		135.8	103.8	13.2	8.0
Avg DBH (Live & DP)	cm	38.5	26.8	58.3	68.4
Snags/Ha					
Avg Snag DBH	cm				
Gross Merch Vol/Tree	m3	1.19	0.47	3.02	3.99
Net Merch Vol/Tree	m3	0.82	0.45	1.74	2.28
Avg Weight Total Ht	m	30.0	25.6	31.5	31.0
Avg Weight Merch Ht	m	25.3	20.9	27.3	27.1
Avg 5.0 m Log Net	m3	0.26	0.18	0.36	0.47
Avg 5.0 m Log Gross	m3	0.37	0.18	0.60	0.80
Avg # of 5.0 m Logs/Tree		3.21	2.56	5.00	5.00
Net Immature	%	12.9	30.8		
LRF and Log Summary					
Net Merch - Stud	%	18.8	35.5	6.5	5.4
Net Merch - Small Log	%	34.8	57.4	18.2	16.3
Net Merch - Large Log	%	65.2	42.6	81.8	83.7
Avg LRF All	bdft/m3	203.4	203.9	199.3	206.9

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

Block Damage Summary [Insect Damage]

Average Line Method
WEST FRASER MILLS LTD.
Licence Number: TFL52 CP: 336
Project: WFM-SOV67

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: I
TFL: TFL 52
Region: 3 - Cariboo
District: 01 - Quesnel

21-Feb-2018 04:49:42PM
Filename: TFL52_336_RW.ccp
Compiled by: West Fraser Mills
Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

Net Area: Block : (M) - 069:69, Plots in Block: 5, TUs: [A : 7.5]

Species: Balsam

Type of Damage:		Total	Normal	3-Grey
Volume and Size Data				
Gross Merchantable	m3	662	178	483
Net Merchantable	m3	500	171	329
Net Merch - All	m3/ha	67	23	44
Distribution	%	100	34	66
Decay	%	16	2	21
Waste	%	6		8
Waste(billing)	%	8		12
Breakage	%	2	2	3
Total Cull (DWB)	%	24	4	32
Stems/Ha (Live & DP)		154.3	52.8	101.6
Avg DBH (Live & DP)	cm	27.8	27.5	28.0
Snags/Ha				
Avg Snag DBH	cm			
Gross Merch Vol/Tree	m3	0.57	0.45	0.63
Net Merch Vol/Tree	m3	0.43	0.43	0.43
Avg Weight Total Ht	m	26.1	19.5	28.6
Avg Weight Merch Ht	m	19.8	14.2	22.4
Avg 5.0 m Log Net	m3	0.17	0.15	0.19
Avg 5.0 m Log Gross	m3	0.22	0.15	0.27
Avg # of 5.0 m Logs/Tree		2.56	3.00	2.33
Net Immature	%	67.1	100.0	50.0
LRF and Log Summary				
Net Merch - Stud	%	49.8	47.1	51.2
Net Merch - Small Log	%	70.2	100.0	54.6
Net Merch - Large Log	%	29.8		45.4
Avg LRF All	bdft/m3	187.8	188.5	187.5

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

Block Damage Summary [Insect Damage]

Average Line Method | Grades: MOF Computerized | FIZ: I | 21-Feb-2018 04:49:42PM
WEST FRASER MILLS LTD. | Computerized Decay | TFL: TFL 52 | Filename: TFL52_336_RW.ccp
Licence Number: TFL52 CP: 336 | Computerized Waste | Region: 3 - Cariboo | Compiled by: West Fraser Mills
Project: WFM-SOV67 | Computerized Breakage | District: 01 - Quesnel | Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

Net Area: Block : (M) - 069:69, Plots in Block: 5, TUs: [A : 7.5]

Species: L.P. Pine

Type of Damage:		Total	3-Grey
Volume and Size Data			
Gross Merchantable	m3	228	228
Net Merchantable	m3	108	108
Net Merch - All	m3/ha	14	14
Distribution	%	100	100
Decay	%	15	15
Waste	%	7	7
Waste(billing)	%	16	16
Breakage	%	30	30
Total Cull (DWB)	%	53	53
Stems/Ha (Live & DP)		14.8	14.8
Avg DBH (Live & DP)	cm	45.5	45.5
Snags/Ha			
Avg Snag DBH	cm		
Gross Merch Vol/Tree	m3	2.06	2.06
Net Merch Vol/Tree	m3	0.98	0.98
Avg Weight Total Ht	m	31.9	31.9
Avg Weight Merch Ht	m	27.7	27.7
Avg 5.0 m Log Net	m3	0.29	0.29
Avg 5.0 m Log Gross	m3	0.38	0.38
Avg # of 5.0 m Logs/Tree		5.41	5.41
Net Immature	%		
LRF and Log Summary			
Net Merch - Stud	%	8.9	8.9
Net Merch - Small Log	%	32.9	32.9
Net Merch - Large Log	%	67.1	67.1
Avg LRF All	bdft/m3	121.4	121.4

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

Block Damage Summary [Insect Damage]

Average Line Method | Grades: MOF Computerized | FIZ: I | 21-Feb-2018 04:49:42PM
WEST FRASER MILLS LTD. | Computerized Decay | TFL: TFL 52 | Filename: TFL52_336_RW.ccp
Licence Number: TFL52 CP: 336 | Computerized Waste | Region: 3 - Cariboo | Compiled by: West Fraser Mills
Project: WFM-SOV67 | Computerized Breakage | District: 01 - Quesnel | Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

Net Area: Block : (M) - 069:69, Plots in Block: 5, TUs: [A : 7.5]

Species: Spruce

Type of Damage:		Total	Normal	7-Gry-D
Volume and Size Data				
Gross Merchantable	m3	1213	368	845
Net Merchantable	m3	835	351	484
Net Merch - All	m3/ha	111	47	65
Distribution	%	100	42	58
Decay	%	20	3	28
Waste	%	9	0	13
Waste(billing)	%	13	0	22
Breakage	%	2	2	2
Total Cull (DWB)	%	31	5	43
Stems/Ha (Live & DP)		135.8	103.8	32.0
Avg DBH (Live & DP)	cm	38.5	26.8	62.9
Snags/Ha				
Avg Snag DBH	cm			
Gross Merch Vol/Tree	m3	1.19	0.47	3.52
Net Merch Vol/Tree	m3	0.82	0.45	2.02
Avg Weight Total Ht	m	30.0	25.6	31.9
Avg Weight Merch Ht	m	25.3	20.9	27.9
Avg 5.0 m Log Net	m3	0.26	0.18	0.39
Avg 5.0 m Log Gross	m3	0.37	0.18	0.66
Avg # of 5.0 m Logs/Tree		3.21	2.56	5.34
Net Immature	%	12.9	30.8	
LRF and Log Summary				
Net Merch - Stud	%	18.8	35.5	6.8
Net Merch - Small Log	%	34.8	57.4	18.4
Net Merch - Large Log	%	65.2	42.6	81.6
Avg LRF All	bdft/m3	203.4	203.9	203.1

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

Type Summary

Average Line Method
WEST FRASER MILLS LTD.
Licence Number: TFL52 CP: 336
Project: WFM-SOV67

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: I
TFL: TFL 52
Region: 3 - Cariboo
District: 01 - Quesnel

21-Feb-2018 04:49:42PM
Filename: TFL52_336_RW.ccp
Compiled by: West Fraser Mills
Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

Net Area: Type 1 (M):S(B)741, Plots in Type: 11, TUs: [A : 8.9]

		Total	Conifer	Decid	B	S	PL
Utilization Limits							
Min DBH cm (M)					17.5	17.5	12.5
Stump Ht cm (M)					30.0	30.0	30.0
Top Dia cm (M)					10.0	10.0	10.0
Log Len m					5.0	5.0	5.0
Volume and Size Data							
Gross Merchantable	m3	5208	5208		938	3873	397
Net Merchantable	m3	4410	4410		747	3445	219
Net Merch - All	m3/ha	496	496		84	387	25
Distribution	%	100	100		17	78	5
Decay	%	9	9		14	7	16
Waste	%	3	3		4	2	8
Waste(billing)	%	3	3		5	2	14
Breakage	%	4	4		2	2	21
Total Cull (DWB)	%	15	15		20	11	45
Stems/Ha (Live & DP)		368.5	368.5		104.9	239.9	23.7
Avg DBH (Live & DP)	cm	41.9	41.9		35.1	44.4	44.2
Snags/Ha		10.3	10.3				10.3
Avg Snag DBH	cm	40.5	40.5				40.5
Gross Merch Vol/Tree	m3	1.59	1.59		1.00	1.81	1.88
Net Merch Vol/Tree	m3	1.34	1.34		0.80	1.61	1.04
Avg Weight Total Ht	m	32.9	32.9		29.0	34.0	31.5
Avg Weight Merch Ht	m	28.3	28.3		23.4	29.5	27.3
Avg 5.0 m Log Net	m3	0.33	0.33		0.23	0.37	0.29
Avg 5.0 m Log Gross	m3	0.38	0.38		0.28	0.41	0.38
Avg # of 5.0 m Logs/Tree		4.20	4.20		3.54	4.41	4.93
Net Immature	%	7.7	7.7		45.7		
LRF and Log Summary							
Net Merch - Stud	%	15.6	15.6		30.2	13.0	7.4
Net Merch - Small Log	%	32.2	32.2		54.2	27.4	33.2
Net Merch - Large Log	%	67.8	67.8		45.8	72.6	66.8
Avg LRF All	bdft/m3	209.7	209.7		183.8	219.0	150.5
Statistical Summary							
Coeff. of Variation	%	28.5	28.5		59.6	47.5	162.1
Two Standard Error	%	26.8	26.8		63.7	41.4	120.3
Number and Type of Plots		MP = 6	CP = 5				
Number of Potential Trees		50					
Plots/Ha		1.2					
Cruised Trees/Plot		6.4					

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

Average Line Method
WEST FRASER MILLS LTD.
Licence Number: TFL52 CP: 336
Project: WFM-SOV67

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

Type Summary
FIZ: I
TFL: TFL 52
Region: 3 - Cariboo
District: 01 - Quesnel

21-Feb-2018 04:49:42PM
Filename: TFL52_336_RW.ccp
Compiled by: West Fraser Mills
Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

Net Area: Type 2 (M):SB741, Plots in Type: 22, TUs: [A : 17.1]

		Total	Conifer	Decid	B	S	PL
Utilization Limits							
Min DBH cm (M)					17.5	17.5	12.5
Stump Ht cm (M)					30.0	30.0	30.0
Top Dia cm (M)					10.0	10.0	10.0
Log Len m					5.0	5.0	5.0
Volume and Size Data							
Gross Merchantable	m3	9002	9002		3117	5515	370
Net Merchantable	m3	6814	6814		2429	4242	143
Net Merch - All	m3/ha	399	399		142	248	8
Distribution	%	100	100		36	62	2
Decay	%	16	16		15	15	34
Waste	%	6	6		5	6	9
Waste(billing)	%	7	7		6	8	23
Breakage	%	3	3		2	2	18
Total Cull (DWB)	%	24	24		22	23	61
Stems/Ha (Live & DP)		548.2	548.2		390.6	142.3	15.3
Avg DBH (Live & DP)	cm	34.3	34.3		27.1	48.4	39.0
Snags/Ha		11.8	11.8		7.9	1.3	2.5
Avg Snag DBH	cm	53.8	53.8		46.4	79.5	57.8
Gross Merch Vol/Tree	m3	0.96	0.96		0.47	2.27	1.42
Net Merch Vol/Tree	m3	0.73	0.73		0.36	1.74	0.55
Avg Weight Total Ht	m	30.6	30.6		22.8	35.1	30.7
Avg Weight Merch Ht	m	25.7	25.7		17.3	30.6	23.9
Avg 5.0 m Log Net	m3	0.24	0.24		0.15	0.37	0.17
Avg 5.0 m Log Gross	m3	0.30	0.30		0.19	0.47	0.31
Avg # of 5.0 m Logs/Tree		3.17	3.17		2.50	4.83	4.60
Net Immature	%	16.5	16.5		42.9	2.0	
LRF and Log Summary							
Net Merch - Stud	%	22.1	22.1		44.4	9.1	25.1
Net Merch - Small Log	%	45.3	45.3		80.8	24.3	66.5
Net Merch - Large Log	%	54.7	54.7		19.2	75.7	33.5
Avg LRF All	bdft/m3	196.9	196.9		172.7	214.1	100.4
Statistical Summary							
Coeff. of Variation	%	43.9	43.9		71.1	65.2	236.8
Two Standard Error	%	17.8	17.8		36.2	20.9	117.3
Number and Type of Plots		MP = 12	CP = 10				
Number of Potential Trees		69					
Plots/Ha		1.3					
Cruised Trees/Plot		6.3					

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

Type Summary

Average Line Method
WEST FRASER MILLS LTD.
Licence Number: TFL52 CP: 336
Project: WFM-SOV67

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: I
TFL: TFL 52
Region: 3 - Cariboo
District: 01 - Quesnel

21-Feb-2018 04:49:42PM
Filename: TFL52_336_RW.ccp
Compiled by: West Fraser Mills
Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

Net Area: Type 5 (M):SB641 , Plots in Type: 5, TUs: [A : 7.5]

		Total	Conifer	Decid	B	S	PL
Utilization Limits							
Min DBH cm (M)					17.5	17.5	12.5
Stump Ht cm (M)					30.0	30.0	30.0
Top Dia cm (M)					10.0	10.0	10.0
Log Len m					5.0	5.0	5.0
Volume and Size Data							
Gross Merchantable	m3	2103	2103		662	1213	228
Net Merchantable	m3	1443	1443		500	835	108
Net Merch - All	m3/ha	192	192		67	111	14
Distribution	%	100	100		35	58	7
Decay	%	18	18		16	20	15
Waste	%	8	8		6	9	7
Waste(billing)	%	11	11		8	13	16
Breakage	%	5	5		2	2	30
Total Cull (DWB)	%	31	31		24	31	53
Stems/Ha (Live & DP)		304.9	304.9		154.3	135.8	14.8
Avg DBH (Live & DP)	cm	33.9	33.9		27.8	38.5	45.5
Snags/Ha							
Avg Snag DBH	cm						
Gross Merch Vol/Tree	m3	0.92	0.92		0.57	1.19	2.06
Net Merch Vol/Tree	m3	0.63	0.63		0.43	0.82	0.98
Avg Weight Total Ht	m	29.0	29.0		26.1	30.0	31.9
Avg Weight Merch Ht	m	23.8	23.8		19.8	25.3	27.7
Avg 5.0 m Log Net	m3	0.23	0.23		0.17	0.26	0.29
Avg 5.0 m Log Gross	m3	0.31	0.31		0.22	0.37	0.38
Avg # of 5.0 m Logs/Tree		2.99	2.99		2.56	3.21	5.41
Net Immature	%	30.7	30.7		67.1	12.9	
LRF and Log Summary							
Net Merch - Stud	%	28.8	28.8		49.8	18.8	8.9
Net Merch - Small Log	%	46.9	46.9		70.2	34.8	32.9
Net Merch - Large Log	%	53.1	53.1		29.8	65.2	67.1
Avg LRF All	bdft/m3	191.9	191.9		187.8	203.4	121.4
Statistical Summary							
Coeff. of Variation	%	90.6	90.6		173.2	90.1	173.2
Two Standard Error	%	72.2	72.2		114.4	63.9	358.4
Number and Type of Plots		MP = 3	CP = 2				
Number of Potential Trees		10					
Plots/Ha		0.7					
Cruised Trees/Plot		5.0					

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

Type Damage Summary [Blowdown Damage]

Average Line Method | Grades: MOF Computerized | FIZ: I | 21-Feb-2018 04:49:42PM
WEST FRASER MILLS LTD. | Computerized Decay | TFL: TFL 52 | Filename: TFL52_336_RW.ccp
Licence Number: TFL52 CP: 336 | Computerized Waste | Region: 3 - Cariboo | Compiled by: West Fraser Mills
Project: WFM-SOV67 | Computerized Breakage | District: 01 - Quesnel | Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

Net Area: Type 1 (M):S(B)741, Plots in Type: 11, TUs: [A : 8.9]

Species: Balsam

Type of Damage:		Total	Normal	G-Shatt
Volume and Size Data				
Gross Merchantable	m3	938	873	65
Net Merchantable	m3	747	684	62
Net Merch - All	m3/ha	84	77	7
Distribution	%	100	92	8
Decay	%	14	15	2
Waste	%	4	4	
Waste(billing)	%	5	5	
Breakage	%	2	2	2
Total Cull (DWB)	%	20	22	4
Stems/Ha (Live & DP)		104.9	85.7	19.2
Avg DBH (Live & DP)	cm	35.1	37.2	23.7
Snags/Ha				
Avg Snag DBH	cm			
Gross Merch Vol/Tree	m3	1.00	1.14	0.38
Net Merch Vol/Tree	m3	0.80	0.90	0.37
Avg Weight Total Ht	m	29.0	29.5	22.0
Avg Weight Merch Ht	m	23.4	24.1	15.4
Avg 5.0 m Log Net	m3	0.23	0.25	0.12
Avg 5.0 m Log Gross	m3	0.28	0.31	0.13
Avg # of 5.0 m Logs/Tree		3.54	3.66	3.00
Net Immature	%	45.7	40.7	100.0
LRF and Log Summary				
Net Merch - Stud	%	30.2	23.8	100.0
Net Merch - Small Log	%	54.2	50.1	100.0
Net Merch - Large Log	%	45.8	49.9	
Avg LRF All	bdft/m3	183.8	184.4	178.0

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

Type Damage Summary [Insect Damage]

Average Line Method | Grades: MOF Computerized | FIZ: I | 21-Feb-2018 04:49:42PM
WEST FRASER MILLS LTD. | Computerized Decay | TFL: TFL 52 | Filename: TFL52_336_RW.ccp
Licence Number: TFL52 CP: 336 | Computerized Waste | Region: 3 - Cariboo | Compiled by: West Fraser Mills
Project: WFM-SOV67 | Computerized Breakage | District: 01 - Quesnel | Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

Net Area: Type 1 (M):S(B)741, Plots in Type: 11, TUs: [A : 8.9]

Species: L.P. Pine

Type of Damage:		Total	Normal	3-Grey
Volume and Size Data				
Gross Merchantable	m3	397	121	276
Net Merchantable	m3	219	82	137
Net Merch - All	m3/ha	25	9	15
Distribution	%	100	37	63
Decay	%	16	19	14
Waste	%	8	12	6
Waste(billing)	%	14	17	12
Breakage	%	21	2	30
Total Cull (DWB)	%	45	33	50
Stems/Ha (Live & DP)		23.7	5.5	18.2
Avg DBH (Live & DP)	cm	44.2	53.1	41.2
Snags/Ha		10.3	10.3	
Avg Snag DBH	cm	40.5	40.5	
Gross Merch Vol/Tree	m3	1.88	2.49	1.70
Net Merch Vol/Tree	m3	1.04	1.68	0.84
Avg Weight Total Ht	m	31.5	29.7	32.3
Avg Weight Merch Ht	m	27.3	25.7	27.9
Avg 5.0 m Log Net	m3	0.29	0.35	0.28
Avg 5.0 m Log Gross	m3	0.38	0.50	0.35
Avg # of 5.0 m Logs/Tree		4.93	5.00	4.91
Net Immature	%			
LRF and Log Summary				
Net Merch - Stud	%	7.4	5.1	8.9
Net Merch - Small Log	%	33.2	16.6	43.2
Net Merch - Large Log	%	66.8	83.4	56.8
Avg LRF All	bdft/m3	150.5	205.8	117.5

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

Type Damage Summary [Insect Damage]

Average Line Method
WEST FRASER MILLS LTD.
Licence Number: TFL52 CP: 336
Project: WFM-SOV67

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: I
TFL: TFL 52
Region: 3 - Cariboo
District: 01 - Quesnel

21-Feb-2018 04:49:42PM
Filename: TFL52_336_RW.ccp
Compiled by: West Fraser Mills
Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

Net Area: Type 1 (M):S(B)741, Plots in Type: 11, TUs: [A : 8.9]

Species: Spruce

Type of Damage:		Total	Normal	7-Gry-D
Volume and Size Data				
Gross Merchantable	m3	3873	3774	99
Net Merchantable	m3	3445	3388	57
Net Merch - All	m3/ha	387	381	6
Distribution	%	100	98	2
Decay	%	7	7	28
Waste	%	2	2	12
Waste(billing)	%	2	2	21
Breakage	%	2	2	2
Total Cull (DWB)	%	11	10	42
Stems/Ha (Live & DP)		239.9	235.4	4.4
Avg DBH (Live & DP)	cm	44.4	44.1	55.3
Snags/Ha				
Avg Snag DBH	cm			
Gross Merch Vol/Tree	m3	1.81	1.80	2.51
Net Merch Vol/Tree	m3	1.61	1.62	1.46
Avg Weight Total Ht	m	34.0	34.1	29.0
Avg Weight Merch Ht	m	29.5	29.6	24.9
Avg 5.0 m Log Net	m3	0.37	0.38	0.30
Avg 5.0 m Log Gross	m3	0.41	0.41	0.50
Avg # of 5.0 m Logs/Tree		4.41	4.40	5.00
Net Immature	%			
LRF and Log Summary				
Net Merch - Stud	%	13.0	13.1	3.8
Net Merch - Small Log	%	27.4	27.6	14.2
Net Merch - Large Log	%	72.6	72.4	85.8
Avg LRF All	bdft/m3	219.0	219.4	196.9

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

Type Damage Summary [Blowdown Damage]

Average Line Method
WEST FRASER MILLS LTD.
Licence Number: TFL52 CP: 336
Project: WFM-SOV67

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: I
TFL: TFL 52
Region: 3 - Cariboo
District: 01 - Quesnel

21-Feb-2018 04:49:42PM
Filename: TFL52_336_RW.ccp
Compiled by: West Fraser Mills
Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

Net Area: Type 2 (M):SB741, Plots in Type: 22, TUs: [A : 17.1]

Species: Balsam

Type of Damage:		Total	Normal	E-Down	G-Shatt
Volume and Size Data					
Gross Merchantable	m3	3117	2425	155	258
Net Merchantable	m3	2429	2080	83	132
Net Merch - All	m3/ha	142	122	5	8
Distribution	%	100	86	3	5
Decay	%	15	10	32	33
Waste	%	5	2	11	13
Waste(billing)	%	6	3	21	26
Breakage	%	2	2	3	3
Total Cull (DWB)	%	22	14	46	49
Stems/Ha (Live & DP)		390.6	326.3	3.8	9.9
Avg DBH (Live & DP)	cm	27.1	26.8	44.7	39.0
Snags/Ha		7.9	7.9		
Avg Snag DBH	cm	46.4	46.4		
Gross Merch Vol/Tree	m3	0.47	0.43	2.40	1.52
Net Merch Vol/Tree	m3	0.36	0.37	1.29	0.78
Avg Weight Total Ht	m	22.8	20.9	39.0	33.3
Avg Weight Merch Ht	m	17.3	15.6	33.3	28.2
Avg 5.0 m Log Net	m3	0.15	0.15	0.19	0.18
Avg 5.0 m Log Gross	m3	0.19	0.17	0.34	0.32
Avg # of 5.0 m Logs/Tree		2.50	2.50	7.00	4.70
Net Immature	%	42.9	50.1		
LRF and Log Summary					
Net Merch - Stud	%	44.4	47.2	7.1	16.3
Net Merch - Small Log	%	80.8	86.2	31.1	48.1
Net Merch - Large Log	%	19.2	13.8	68.9	51.9
Avg LRF All	bdft/m3	172.7	180.6	186.0	118.7

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

Type Damage Summary [Blowdown Damage]

Average Line Method
WEST FRASER MILLS LTD.
Licence Number: TFL52 CP: 336
Project: WFM-SOV67

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: I
TFL: TFL 52
Region: 3 - Cariboo
District: 01 - Quesnel

21-Feb-2018 04:49:42PM
Filename: TFL52_336_RW.ccp
Compiled by: West Fraser Mills
Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

Net Area: Type 2 (M):SB741, Plots in Type: 22, TUs: [A : 17.1]

Species: L.P. Pine

Type of Damage:		Total	Normal	G-Shatt
Volume and Size Data				
Gross Merchantable	m3	370		158
Net Merchantable	m3	143		31
Net Merch - All	m3/ha	8		2
Distribution	%	100		22
Decay	%	34		64
Waste	%	9		15
Waste(billing)	%	23		76
Breakage	%	18		2
Total Cull (DWB)	%	61		80
Stems/Ha (Live & DP)		15.3		3.0
Avg DBH (Live & DP)	cm	39.0		50.3
Snags/Ha		2.5	2.5	
Avg Snag DBH	cm	57.8	57.8	
Gross Merch Vol/Tree	m3	1.42		3.03
Net Merch Vol/Tree	m3	0.55		0.59
Avg Weight Total Ht	m	30.7		38.5
Avg Weight Merch Ht	m	23.9		34.2
Avg 5.0 m Log Net	m3	0.17		0.09
Avg 5.0 m Log Gross	m3	0.31		0.43
Avg # of 5.0 m Logs/Tree		4.60		7.00
Net Immature	%			
LRF and Log Summary				
Net Merch - Stud	%	25.1		8.2
Net Merch - Small Log	%	66.5		18.4
Net Merch - Large Log	%	33.5		81.6
Avg LRF All	bdft/m3	100.4		71.7

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

Type Damage Summary [Blowdown Damage]

Average Line Method | Grades: MOF Computerized | FIZ: I | 21-Feb-2018 04:49:42PM
WEST FRASER MILLS LTD. | Computerized Decay | TFL: TFL 52 | Filename: TFL52_336_RW.ccp
Licence Number: TFL52 CP: 336 | Computerized Waste | Region: 3 - Cariboo | Compiled by: West Fraser Mills
Project: WFM-SOV67 | Computerized Breakage | District: 01 - Quesnel | Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

Net Area: Type 2 (M):SB741, Plots in Type: 22, TUs: [A : 17.1]

Species: Spruce

Type of Damage:		Total	Normal	E-Down	G-Shatt
Volume and Size Data					
Gross Merchantable	m3	5515	2756	146	266
Net Merchantable	m3	4242	2322	86	189
Net Merch - All	m3/ha	248	136	5	11
Distribution	%	100	55	2	4
Decay	%	15	10	28	19
Waste	%	6	3	12	8
Waste(billing)	%	8	4	20	12
Breakage	%	2	2	2	2
Total Cull (DWB)	%	23	16	41	29
Stems/Ha (Live & DP)		142.3	44.8	5.0	36.7
Avg DBH (Live & DP)	cm	48.4	58.8	48.6	25.5
Snags/Ha		1.3	1.3		
Avg Snag DBH	cm	79.5	79.5		
Gross Merch Vol/Tree	m3	2.27	3.59	1.69	0.42
Net Merch Vol/Tree	m3	1.74	3.03	1.00	0.30
Avg Weight Total Ht	m	35.1	37.3	25.0	25.3
Avg Weight Merch Ht	m	30.6	32.8	20.9	19.6
Avg 5.0 m Log Net	m3	0.37	0.49	0.26	0.13
Avg 5.0 m Log Gross	m3	0.47	0.57	0.42	0.18
Avg # of 5.0 m Logs/Tree		4.83	6.31	4.00	2.34
Net Immature	%	2.0			44.8
LRF and Log Summary					
Net Merch - Stud	%	9.1	6.9	7.9	48.1
Net Merch - Small Log	%	24.3	20.3	25.6	54.6
Net Merch - Large Log	%	75.7	79.7	74.4	45.4
Avg LRF All	bdft/m3	214.1	222.5	189.6	178.4

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

Type Damage Summary [Insect Damage]

Average Line Method | Grades: MOF Computerized | FIZ: I | 21-Feb-2018 04:49:42PM
WEST FRASER MILLS LTD. | Computerized Decay | TFL: TFL 52 | Filename: TFL52_336_RW.ccp
Licence Number: TFL52 CP: 336 | Computerized Waste | Region: 3 - Cariboo | Compiled by: West Fraser Mills
Project: WFM-SOV67 | Computerized Breakage | District: 01 - Quesnel | Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

Net Area: Type 2 (M):SB741, Plots in Type: 22, TUs: [A : 17.1]

Species: Balsam

Type of Damage:		Total	Normal	3-Grey
Volume and Size Data				
Gross Merchantable	m3	3117	2425	279
Net Merchantable	m3	2429	2080	134
Net Merch - All	m3/ha	142	122	8
Distribution	%	100	86	6
Decay	%	15	10	34
Waste	%	5	2	15
Waste(billing)	%	6	3	32
Breakage	%	2	2	3
Total Cull (DWB)	%	22	14	52
Stems/Ha (Live & DP)		390.6	326.3	50.6
Avg DBH (Live & DP)	cm	27.1	26.8	24.4
Snags/Ha		7.9	7.9	
Avg Snag DBH	cm	46.4	46.4	
Gross Merch Vol/Tree	m3	0.47	0.43	0.32
Net Merch Vol/Tree	m3	0.36	0.37	0.15
Avg Weight Total Ht	m	22.8	20.9	21.3
Avg Weight Merch Ht	m	17.3	15.6	17.2
Avg 5.0 m Log Net	m3	0.15	0.15	0.09
Avg 5.0 m Log Gross	m3	0.19	0.17	0.18
Avg # of 5.0 m Logs/Tree		2.50	2.50	1.76
Net Immature	%	42.9	50.1	
LRF and Log Summary				
Net Merch - Stud	%	44.4	47.2	53.3
Net Merch - Small Log	%	80.8	86.2	59.4
Net Merch - Large Log	%	19.2	13.8	40.6
Avg LRF All	bdft/m3	172.7	180.6	94.7

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

Type Damage Summary [Insect Damage]

Average Line Method | Grades: MOF Computerized | FIZ: I | 21-Feb-2018 04:49:42PM
WEST FRASER MILLS LTD. | Computerized Decay | TFL: TFL 52 | Filename: TFL52_336_RW.ccp
Licence Number: TFL52 CP: 336 | Computerized Waste | Region: 3 - Cariboo | Compiled by: West Fraser Mills
Project: WFM-SOV67 | Computerized Breakage | District: 01 - Quesnel | Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

Net Area: Type 2 (M):SB741, Plots in Type: 22, TUs: [A : 17.1]

Species: L.P. Pine

Type of Damage:		Total	Normal	3-Grey
Volume and Size Data				
Gross Merchantable	m3	370		370
Net Merchantable	m3	143		143
Net Merch - All	m3/ha	8		8
Distribution	%	100		100
Decay	%	34		34
Waste	%	9		9
Waste(billing)	%	23		23
Breakage	%	18		18
Total Cull (DWB)	%	61		61
Stems/Ha (Live & DP)		15.3		15.3
Avg DBH (Live & DP)	cm	39.0		39.0
Snags/Ha		2.5	2.5	
Avg Snag DBH	cm	57.8	57.8	
Gross Merch Vol/Tree	m3	1.42		1.42
Net Merch Vol/Tree	m3	0.55		0.55
Avg Weight Total Ht	m	30.7		30.7
Avg Weight Merch Ht	m	23.9		23.9
Avg 5.0 m Log Net	m3	0.17		0.17
Avg 5.0 m Log Gross	m3	0.31		0.31
Avg # of 5.0 m Logs/Tree		4.60		4.60
Net Immature	%			
LRF and Log Summary				
Net Merch - Stud	%	25.1		25.1
Net Merch - Small Log	%	66.5		66.5
Net Merch - Large Log	%	33.5		33.5
Avg LRF All	bdft/m3	100.4		100.4

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

Type Damage Summary [Insect Damage]

Average Line Method | Grades: MOF Computerized | FIZ: I | 21-Feb-2018 04:49:42PM
WEST FRASER MILLS LTD. | Computerized Decay | TFL: TFL 52 | Filename: TFL52_336_RW.ccp
Licence Number: TFL52 CP: 336 | Computerized Waste | Region: 3 - Cariboo | Compiled by: West Fraser Mills
Project: WFM-SOV67 | Computerized Breakage | District: 01 - Quesnel | Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

Net Area: Type 2 (M):SB741, Plots in Type: 22, TUs: [A : 17.1]

Species: Spruce

Type of Damage:		Total	Normal	5-Grn-L	6-Grn-D	7-Gry-D
Volume and Size Data						
Gross Merchantable	m3	5515	2756	424	549	1375
Net Merchantable	m3	4242	2322	362	469	814
Net Merch - All	m3/ha	248	136	21	27	48
Distribution	%	100	55	9	11	19
Decay	%	15	10	10	10	27
Waste	%	6	3	3	3	12
Waste(billing)	%	8	4	3	3	20
Breakage	%	2	2	2	2	2
Total Cull (DWB)	%	23	16	15	15	41
Stems/Ha (Live & DP)		142.3	44.8	9.0	12.4	34.3
Avg DBH (Live & DP)	cm	48.4	58.8	51.4	53.7	49.3
Snags/Ha		1.3	1.3			
Avg Snag DBH	cm	79.5	79.5			
Gross Merch Vol/Tree	m3	2.27	3.59	2.75	2.59	2.34
Net Merch Vol/Tree	m3	1.74	3.03	2.35	2.21	1.39
Avg Weight Total Ht	m	35.1	37.3	36.2	32.3	34.4
Avg Weight Merch Ht	m	30.6	32.8	31.3	28.0	29.7
Avg 5.0 m Log Net	m3	0.37	0.49	0.40	0.45	0.27
Avg 5.0 m Log Gross	m3	0.47	0.57	0.46	0.51	0.44
Avg # of 5.0 m Logs/Tree		4.83	6.31	6.00	5.06	5.29
Net Immature	%	2.0				
LRF and Log Summary						
Net Merch - Stud	%	9.1	6.9	4.5	7.2	9.8
Net Merch - Small Log	%	24.3	20.3	26.3	19.6	30.3
Net Merch - Large Log	%	75.7	79.7	73.7	80.4	69.7
Avg LRF All	bdft/m3	214.1	222.5	216.5	218.8	197.2

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

Type Damage Summary [Blowdown Damage]

Average Line Method | Grades: MOF Computerized | FIZ: I | 21-Feb-2018 04:49:42PM
WEST FRASER MILLS LTD. | Computerized Decay | TFL: TFL 52 | Filename: TFL52_336_RW.ccp
Licence Number: TFL52 CP: 336 | Computerized Waste | Region: 3 - Cariboo | Compiled by: West Fraser Mills
Project: WFM-SOV67 | Computerized Breakage | District: 01 - Quesnel | Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

Net Area: Type 5 (M):SB641 , Plots in Type: 5, TUs: [A : 7.5]

Species: Balsam

Type of Damage:		Total	Normal	E-Down
Volume and Size Data				
Gross Merchantable	m3	662	178	483
Net Merchantable	m3	500	171	329
Net Merch - All	m3/ha	67	23	44
Distribution	%	100	34	66
Decay	%	16	2	21
Waste	%	6		8
Waste(billing)	%	8		12
Breakage	%	2	2	3
Total Cull (DWB)	%	24	4	32
Stems/Ha (Live & DP)		154.3	52.8	101.6
Avg DBH (Live & DP)	cm	27.8	27.5	28.0
Snags/Ha				
Avg Snag DBH	cm			
Gross Merch Vol/Tree	m3	0.57	0.45	0.63
Net Merch Vol/Tree	m3	0.43	0.43	0.43
Avg Weight Total Ht	m	26.1	19.5	28.6
Avg Weight Merch Ht	m	19.8	14.2	22.4
Avg 5.0 m Log Net	m3	0.17	0.15	0.19
Avg 5.0 m Log Gross	m3	0.22	0.15	0.27
Avg # of 5.0 m Logs/Tree		2.56	3.00	2.33
Net Immature	%	67.1	100.0	50.0
LRF and Log Summary				
Net Merch - Stud	%	49.8	47.1	51.2
Net Merch - Small Log	%	70.2	100.0	54.6
Net Merch - Large Log	%	29.8		45.4
Avg LRF All	bdft/m3	187.8	188.5	187.5

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

Type Damage Summary [Blowdown Damage]

Average Line Method | Grades: MOF Computerized | FIZ: I | 21-Feb-2018 04:49:42PM
WEST FRASER MILLS LTD. | Computerized Decay | TFL: TFL 52 | Filename: TFL52_336_RW.ccp
Licence Number: TFL52 CP: 336 | Computerized Waste | Region: 3 - Cariboo | Compiled by: West Fraser Mills
Project: WFM-SOV67 | Computerized Breakage | District: 01 - Quesnel | Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

Net Area: Type 5 (M):SB641 , Plots in Type: 5, TUs: [A : 7.5]

Species: L.P. Pine

Type of Damage:		Total	E-Down
Volume and Size Data			
Gross Merchantable	m3	228	112
Net Merchantable	m3	108	48
Net Merch - All	m3/ha	14	6
Distribution	%	100	44
Decay	%	15	17
Waste	%	7	10
Waste(billing)	%	16	23
Breakage	%	30	30
Total Cull (DWB)	%	53	57
Stems/Ha (Live & DP)		14.8	6.0
Avg DBH (Live & DP)	cm	45.5	50.3
Snags/Ha			
Avg Snag DBH	cm		
Gross Merch Vol/Tree	m3	2.06	2.47
Net Merch Vol/Tree	m3	0.98	1.06
Avg Weight Total Ht	m	31.9	32.0
Avg Weight Merch Ht	m	27.7	27.9
Avg 5.0 m Log Net	m3	0.29	0.30
Avg 5.0 m Log Gross	m3	0.38	0.41
Avg # of 5.0 m Logs/Tree		5.41	6.00
Net Immature	%		
LRF and Log Summary			
Net Merch - Stud	%	8.9	8.5
Net Merch - Small Log	%	32.9	21.5
Net Merch - Large Log	%	67.1	78.5
Avg LRF All	bdft/m3	121.4	123.3

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

Type Damage Summary [Blowdown Damage]

Average Line Method
WEST FRASER MILLS LTD.
Licence Number: TFL52 CP: 336
Project: WFM-SOV67

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: I
TFL: TFL 52
Region: 3 - Cariboo
District: 01 - Quesnel

21-Feb-2018 04:49:42PM
Filename: TFL52_336_RW.ccp
Compiled by: West Fraser Mills
Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

Net Area: Type 5 (M):SB641 , Plots in Type: 5, TUs: [A : 7.5]

Species: Spruce

Type of Damage:		Total	Normal	E-Down	G-Shatt
Volume and Size Data					
Gross Merchantable	m3	1213	368	298	238
Net Merchantable	m3	835	351	171	136
Net Merch - All	m3/ha	111	47	23	18
Distribution	%	100	42	21	16
Decay	%	20	3	28	28
Waste	%	9	0	13	13
Waste(billing)	%	13	0	22	23
Breakage	%	2	2	2	2
Total Cull (DWB)	%	31	5	42	43
Stems/Ha (Live & DP)		135.8	103.8	13.2	8.0
Avg DBH (Live & DP)	cm	38.5	26.8	58.3	68.4
Snags/Ha					
Avg Snag DBH	cm				
Gross Merch Vol/Tree	m3	1.19	0.47	3.02	3.99
Net Merch Vol/Tree	m3	0.82	0.45	1.74	2.28
Avg Weight Total Ht	m	30.0	25.6	31.5	31.0
Avg Weight Merch Ht	m	25.3	20.9	27.3	27.1
Avg 5.0 m Log Net	m3	0.26	0.18	0.36	0.47
Avg 5.0 m Log Gross	m3	0.37	0.18	0.60	0.80
Avg # of 5.0 m Logs/Tree		3.21	2.56	5.00	5.00
Net Immature	%	12.9	30.8		
LRF and Log Summary					
Net Merch - Stud	%	18.8	35.5	6.5	5.4
Net Merch - Small Log	%	34.8	57.4	18.2	16.3
Net Merch - Large Log	%	65.2	42.6	81.8	83.7
Avg LRF All	bdft/m3	203.4	203.9	199.3	206.9

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

Type Damage Summary [Insect Damage]

Average Line Method | Grades: MOF Computerized | FIZ: I | 21-Feb-2018 04:49:42PM
WEST FRASER MILLS LTD. | Computerized Decay | TFL: TFL 52 | Filename: TFL52_336_RW.ccp
Licence Number: TFL52 CP: 336 | Computerized Waste | Region: 3 - Cariboo | Compiled by: West Fraser Mills
Project: WFM-SOV67 | Computerized Breakage | District: 01 - Quesnel | Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

Net Area: Type 5 (M):SB641 , Plots in Type: 5, TUs: [A : 7.5]

Species: Balsam

Type of Damage:		Total	Normal	3-Grey
Volume and Size Data				
Gross Merchantable	m3	662	178	483
Net Merchantable	m3	500	171	329
Net Merch - All	m3/ha	67	23	44
Distribution	%	100	34	66
Decay	%	16	2	21
Waste	%	6		8
Waste(billing)	%	8		12
Breakage	%	2	2	3
Total Cull (DWB)	%	24	4	32
Stems/Ha (Live & DP)		154.3	52.8	101.6
Avg DBH (Live & DP)	cm	27.8	27.5	28.0
Snags/Ha				
Avg Snag DBH	cm			
Gross Merch Vol/Tree	m3	0.57	0.45	0.63
Net Merch Vol/Tree	m3	0.43	0.43	0.43
Avg Weight Total Ht	m	26.1	19.5	28.6
Avg Weight Merch Ht	m	19.8	14.2	22.4
Avg 5.0 m Log Net	m3	0.17	0.15	0.19
Avg 5.0 m Log Gross	m3	0.22	0.15	0.27
Avg # of 5.0 m Logs/Tree		2.56	3.00	2.33
Net Immature	%	67.1	100.0	50.0
LRF and Log Summary				
Net Merch - Stud	%	49.8	47.1	51.2
Net Merch - Small Log	%	70.2	100.0	54.6
Net Merch - Large Log	%	29.8		45.4
Avg LRF All	bdft/m3	187.8	188.5	187.5

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

Type Damage Summary [Insect Damage]

Average Line Method | Grades: MOF Computerized | FIZ: I | 21-Feb-2018 04:49:42PM
WEST FRASER MILLS LTD. | Computerized Decay | TFL: TFL 52 | Filename: TFL52_336_RW.ccp
Licence Number: TFL52 CP: 336 | Computerized Waste | Region: 3 - Cariboo | Compiled by: West Fraser Mills
Project: WFM-SOV67 | Computerized Breakage | District: 01 - Quesnel | Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

Net Area: Type 5 (M):SB641 , Plots in Type: 5, TUs: [A : 7.5]

Species: L.P. Pine

Type of Damage:		Total	3-Grey
Volume and Size Data			
Gross Merchantable	m3	228	228
Net Merchantable	m3	108	108
Net Merch - All	m3/ha	14	14
Distribution	%	100	100
Decay	%	15	15
Waste	%	7	7
Waste(billing)	%	16	16
Breakage	%	30	30
Total Cull (DWB)	%	53	53
Stems/Ha (Live & DP)		14.8	14.8
Avg DBH (Live & DP)	cm	45.5	45.5
Snags/Ha			
Avg Snag DBH	cm		
Gross Merch Vol/Tree	m3	2.06	2.06
Net Merch Vol/Tree	m3	0.98	0.98
Avg Weight Total Ht	m	31.9	31.9
Avg Weight Merch Ht	m	27.7	27.7
Avg 5.0 m Log Net	m3	0.29	0.29
Avg 5.0 m Log Gross	m3	0.38	0.38
Avg # of 5.0 m Logs/Tree		5.41	5.41
Net Immature	%		
LRF and Log Summary			
Net Merch - Stud	%	8.9	8.9
Net Merch - Small Log	%	32.9	32.9
Net Merch - Large Log	%	67.1	67.1
Avg LRF All	bdft/m3	121.4	121.4

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

Type Damage Summary [Insect Damage]

Average Line Method | Grades: MOF Computerized | FIZ: I | 21-Feb-2018 04:49:42PM
WEST FRASER MILLS LTD. | Computerized Decay | TFL: TFL 52 | Filename: TFL52_336_RW.ccp
Licence Number: TFL52 CP: 336 | Computerized Waste | Region: 3 - Cariboo | Compiled by: West Fraser Mills
Project: WFM-SOV67 | Computerized Breakage | District: 01 - Quesnel | Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

Net Area: Type 5 (M):SB641 , Plots in Type: 5, TUs: [A : 7.5]

Species: Spruce

Type of Damage:		Total	Normal	7-Gry-D
Volume and Size Data				
Gross Merchantable	m3	1213	368	845
Net Merchantable	m3	835	351	484
Net Merch - All	m3/ha	111	47	65
Distribution	%	100	42	58
Decay	%	20	3	28
Waste	%	9	0	13
Waste(billing)	%	13	0	22
Breakage	%	2	2	2
Total Cull (DWB)	%	31	5	43
Stems/Ha (Live & DP)		135.8	103.8	32.0
Avg DBH (Live & DP)	cm	38.5	26.8	62.9
Snags/Ha				
Avg Snag DBH	cm			
Gross Merch Vol/Tree	m3	1.19	0.47	3.52
Net Merch Vol/Tree	m3	0.82	0.45	2.02
Avg Weight Total Ht	m	30.0	25.6	31.9
Avg Weight Merch Ht	m	25.3	20.9	27.9
Avg 5.0 m Log Net	m3	0.26	0.18	0.39
Avg 5.0 m Log Gross	m3	0.37	0.18	0.66
Avg # of 5.0 m Logs/Tree		3.21	2.56	5.34
Net Immature	%	12.9	30.8	
LRF and Log Summary				
Net Merch - Stud	%	18.8	35.5	6.8
Net Merch - Small Log	%	34.8	57.4	18.4
Net Merch - Large Log	%	65.2	42.6	81.6
Avg LRF All	bdft/m3	203.4	203.9	203.1

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

CP Volume And Lumber Recovery Information

Average Line Method
WEST FRASER MILLS LTD.
Licence Number: TFL52 CP: 336
Project: WFM-SOV67

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: I
TFL: TFL 52
Region: 3 - Cariboo
District: 01 - Quesnel

21-Feb-2018 04:49:42PM
Filename: TFL52_336_RW.ccp
Compiled by: West Fraser Mills
Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

Balsam

Log Top Dia(cm)	LRF	RISK GROUP # 1 Gross Merch	Decay %	Net Merch	FBM	RISK GROUP # 2 Gross Merch	Decay %	Net Merch	FBM	RISK GROUP # 3 Gross Merch	Decay %	Net Merch	FBM
0.1 - 4.4	0												
4.5 - 5.4	91												
5.5 - 6.4	103												
6.5 - 7.4	113												
7.5 - 8.4	123												
8.5 - 9.9	134												
10.0 - 14.9	158	234	3.4	220	34264	650	6.2	589	90427	134	34.1	62	2038
15.0 - 19.9	185	163	1.0	158	29030	515	5.4	473	85351	115	34.1	53	548
20.0 - 24.9	202	372	3.0	353	70197	346	10.7	294	56360	135	32.6	69	5823
25.0 - 29.9	217	131	7.7	116	24240	337	14.4	270	54600	125	32.9	62	2169
30.0 - 34.9	226	21	2.0	20	4567	148	18.0	112	22938	138	32.1	73	11446
35.0 - 39.9	234	72	12.5	59	12948	199	19.1	147	31019	171	32.1	91	14655
40.0 - 44.9	240	75	9.6	64	14676	205	19.9	149	32233	103	32.1	55	11071
45.0 - 49.9	246					66	20.4	48	10502	79	32.1	43	8782
50.0 - 54.9	252									79	32.1	41	8754
55.0 - 59.9	258									106	32.1	56	12097
60.0 - 64.9	263												
65.0 - 69.9	266												
70.0 - 74.9	267												
75.0 - 79.9	265												
80.0 - 84.9	263												
85.0 - 89.9	261												
90.0 - 94.9	259												
95.0 - 99.9	257												
100.0+	254												
All Logs		1068	4.4	990	189922	2466	11.1	2081	383431	1183	32.7	605	77383

LRF and Log Summary

Risk Groups		1	2	3	1+2	2+3	1+2+3
Average LRF		192	184	128	187	172	177
Decay	%	4.4			9.1	18.1	
Stud Log Net Merch	%	38.2			46.9	43.8	
Small Log Net Merch	%	85.5			80.5	69.7	
Large Log Net Merch	%	14.5			19.5	30.3	

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

CP Volume And Lumber Recovery Information

Average Line Method
WEST FRASER MILLS LTD.
Licence Number: TFL52 CP: 336
Project: WFM-SOV67

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: I
TFL: TFL 52
Region: 3 - Cariboo
District: 01 - Quesnel

21-Feb-2018 04:49:42PM
Filename: TFL52_336_RW.ccp
Compiled by: West Fraser Mills
Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

L.P. Pine -Green Non Beetle

Log Top Dia(cm)	LRF	R I S K G R O U P # 1 Gross Merch	Decay %	Net Merch	FBM	R I S K G R O U P # 2 Gross Merch	Decay %	Net Merch	FBM	R I S K G R O U P # 3 Gross Merch	Decay %	Net Merch	FBM
0.1 - 4.4	0												
4.5 - 5.4	91												
5.5 - 6.4	103												
6.5 - 7.4	113												
7.5 - 8.4	123												
8.5 - 9.9	134												
10.0 - 14.9	158					6	18.9	4	595				
15.0 - 19.9	185												
20.0 - 24.9	202					14	18.9	9	1715				
25.0 - 29.9	217												
30.0 - 34.9	226					23	18.9	15	3132				
35.0 - 39.9	234					32	18.9	21	4533				
40.0 - 44.9	240					47	18.9	32	6849				
45.0 - 49.9	246												
50.0 - 54.9	252												
55.0 - 59.9	258												
60.0 - 64.9	263												
65.0 - 69.9	266												
70.0 - 74.9	267												
75.0 - 79.9	265												
80.0 - 84.9	263												
85.0 - 89.9	261												
90.0 - 94.9	259												
95.0 - 99.9	257												
100.0+	254												
All Logs						121	18.9	82	16824				

LRF and Log Summary

Risk Groups		1	2	3	1+2	2+3	1+2+3	- Adj Factor	**= Adj 1+2+3**
Average LRF			206		206	206	206		**206**
Decay	%				18.9	18.9			
Stud Log Net Merch	%				5.1	5.1			
Small Log Net Merch	%				16.6	16.6			
Large Log Net Merch	%				83.4	83.4			

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

CP Volume And Lumber Recovery Information

Average Line Method
WEST FRASER MILLS LTD.
Licence Number: TFL52 CP: 336
Project: WFM-SOV67

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: I
TFL: TFL 52
Region: 3 - Cariboo
District: 01 - Quesnel

21-Feb-2018 04:49:42PM
Filename: TFL52_336_RW.ccp
Compiled by: West Fraser Mills
Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

L.P. Pine -Grey Attack

Log Top Dia(cm)	LRF	R I S K G R O U P # 1 Gross Merch	Decay %	Net Merch	FBM	R I S K G R O U P # 2 Gross Merch	Decay %	Net Merch	FBM	R I S K G R O U P # 3 Gross Merch	Decay %	Net Merch	FBM
0.1 - 4.4	0												
4.5 - 5.4	91												
5.5 - 6.4	103												
6.5 - 7.4	113												
7.5 - 8.4	123												
8.5 - 9.9	134												
10.0 - 14.9	158					59	13.5	30	4429	3	63.5	1	73
15.0 - 19.9	185					49	13.3	25	4338	10	63.5	2	236
20.0 - 24.9	202					100	13.8	51	9540	16	63.5	3	434
25.0 - 29.9	217					151	13.2	78	15872				
30.0 - 34.9	226					205	14.3	102	21390	22	63.5	4	674
35.0 - 39.9	234					113	15.1	54	11789	62	63.5	12	1932
40.0 - 44.9	240					39	17.3	17	3674	45	63.5	9	1439
45.0 - 49.9	246												
50.0 - 54.9	252												
55.0 - 59.9	258												
60.0 - 64.9	263												
65.0 - 69.9	266												
70.0 - 74.9	267												
75.0 - 79.9	265												
80.0 - 84.9	263												
85.0 - 89.9	261												
90.0 - 94.9	259												
95.0 - 99.9	257												
100.0+	254												
All Logs						716	14.2	357	71032	158	63.5	31	4788

LRF and Log Summary

Risk Groups		1	2	3	1+2	2+3	1+2+3	- Adj Factor	**= Adj 1+2+3**
Average LRF			199	155	199	195	195	83	**112**
Decay	%				14.2	23.1			
Stud Log Net Merch	%				15.4	14.9			
Small Log Net Merch	%				51.5	48.9			
Large Log Net Merch	%				48.5	51.1			

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

CP Volume And Lumber Recovery Information

Average Line Method
WEST FRASER MILLS LTD.
Licence Number: TFL52 CP: 336
Project: WFM-SOV67

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: I
TFL: TFL 52
Region: 3 - Cariboo
District: 01 - Quesnel

21-Feb-2018 04:49:42PM
Filename: TFL52_336_RW.ccp
Compiled by: West Fraser Mills
Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

Spruce

Log Top Dia(cm)	LRF	RISK GROUP # 1 Gross Merch	Decay %	Net Merch	FBM	RISK GROUP # 2 Gross Merch	Decay %	Net Merch	FBM	RISK GROUP # 3 Gross Merch	Decay %	Net Merch	FBM
0.1 - 4.4	0												
4.5 - 5.4	91												
5.5 - 6.4	103												
6.5 - 7.4	113												
7.5 - 8.4	123												
8.5 - 9.9	134												
10.0 - 14.9	158	217	1.8	208	32568	241	7.8	212	32239	139	26.5	84	11457
15.0 - 19.9	185	174	2.8	165	30122	306	6.8	274	49105	77	24.8	48	7832
20.0 - 24.9	202	165	3.1	157	31125	237	9.1	205	39444	241	24.5	152	27060
25.0 - 29.9	217	215	3.3	203	43287	517	9.4	444	91915	191	27.8	111	20731
30.0 - 34.9	226	361	3.3	341	75796	670	9.3	576	124118	328	27.7	191	37124
35.0 - 39.9	234	491	3.3	463	106626	926	9.5	793	176835	428	27.7	249	50224
40.0 - 44.9	240	401	3.6	377	88891	759	9.9	646	147282	395	27.9	228	47080
45.0 - 49.9	246	230	3.8	216	52151	694	10.0	590	137762	405	28.0	232	49147
50.0 - 54.9	252	85	4.1	80	19673	509	10.1	431	103177	316	28.0	181	39152
55.0 - 59.9	258	204	4.2	190	48021	213	10.1	181	44269	211	28.0	121	26767
60.0 - 64.9	263					42	10.1	35	8771	139	28.0	79	17938
65.0 - 69.9	266					70	10.1	59	14900				
70.0 - 74.9	267												
75.0 - 79.9	265												
80.0 - 84.9	263												
85.0 - 89.9	261												
90.0 - 94.9	259												
95.0 - 99.9	257												
100.0+	254												
All Logs		2544	3.3	2400	528259	5185	9.4	4446	969817	2872	27.4	1676	334512

LRF and Log Summary

Risk Groups		1	2	3	1+2	2+3	1+2+3
Average LRF		220	218	200	219	213	215
Decay	%	3.3			7.4	15.9	
Stud Log Net Merch	%	15.5			12.6	10.1	
Small Log Net Merch	%	30.5			27.3	25.0	
Large Log Net Merch	%	69.5			72.7	75.0	

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

CP Volume And Lumber Recovery Information

Average Line Method
WEST FRASER MILLS LTD.
Licence Number: TFL52 CP: 336
Project: WFM-SOV67

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: I
TFL: TFL 52
Region: 3 - Cariboo
District: 01 - Quesnel

21-Feb-2018 04:49:42PM
Filename: TFL52_336_RW.ccp
Compiled by: West Fraser Mills
Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

ALL SPECIES

Log Top Dia(cm)	LRF	R I S K G R O U P # 1 Gross Merch	Decay %	Net Merch	FBM	R I S K G R O U P # 2 Gross Merch	Decay %	Net Merch	FBM	R I S K G R O U P # 3 Gross Merch	Decay %	Net Merch	FBM
0.1 - 4.4													
4.5 - 5.4													
5.5 - 6.4													
6.5 - 7.4													
7.5 - 8.4													
8.5 - 9.9													
10.0 - 14.9		450	2.6	428	66832	955	7.1	835	127690	277	30.7	146	13568
15.0 - 19.9		337	1.9	323	59152	871	6.3	773	138795	202	31.9	103	8616
20.0 - 24.9		537	3.0	509	101322	697	10.8	558	107059	393	28.9	225	33317
25.0 - 29.9		346	5.0	319	67527	1006	11.6	793	162387	316	29.8	173	22900
30.0 - 34.9		383	3.2	361	80363	1046	11.7	805	171578	488	30.6	268	49244
35.0 - 39.9		563	4.4	522	119574	1270	11.7	1016	224176	660	32.2	352	66811
40.0 - 44.9		477	4.6	441	103566	1050	12.6	843	190038	543	31.6	292	59590
45.0 - 49.9		230	3.8	216	52151	760	10.9	637	148264	484	28.6	275	57930
50.0 - 54.9		85	4.1	80	19673	509	10.1	431	103177	394	28.8	222	47906
55.0 - 59.9		204	4.2	190	48021	213	10.1	181	44269	317	29.4	176	38864
60.0 - 64.9						42	10.1	35	8771	139	28.0	79	17938
65.0 - 69.9						70	10.1	59	14900				
70.0 - 74.9													
75.0 - 79.9													
80.0 - 84.9													
85.0 - 89.9													
90.0 - 94.9													
95.0 - 99.9													
100.0+													
All Logs		3612	3.6	3390	718181	8488	10.4	6966	1441104	4213	30.3	2312	416683

LRF and Log Summary

Risk Groups		1	2	3	1+2	2+3	1+2+3
Average LRF (unadjusted)		212	207	180	209	200	203
Decay	%	3.6			8.4	17.0	
Stud Log Net Merch	%	22.2			22.8	20.0	
Small Log Net Merch	%	46.6			43.8	38.9	
Large Log Net Merch	%	53.4			56.2	61.1	

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

Volume Statistical Analysis

Average Line Method
WEST FRASER MILLS LTD.
Licence Number: TFL52 CP: 336
Project: WFM-SOV67

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: I
TFL: TFL 52
Region: 3 - Cariboo
District: 01 - Quesnel

21-Feb-2018 04:49:42PM
Filename: TFL52_336_RW.ccp
Compiled by: West Fraser Mills
Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

Utilization Levels:	Minimum DBH	Top Diameter	Stump Height
Mature Blocks: (cm)	17.5	10.0	30
Immature Blocks:(cm)	12.0	10.0	30
Exception[PL]: (cm)	12.5	10.0	30
Standard Log Length:(m)	5.00		

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 :S(B)741	5	6	11	8.9	495.5	0.46	20	50	70	183.7745	28.5	12.0	26.8
2 :SB741	10	12	22	17.1	398.5	0.47	70	69	139	151.6004	43.9	8.5	17.8
5 :SB641	2	3	5	7.5	192.4	0.07	15	10	25	111.4151	90.6	26.0	72.2
TOTAL	17	21	38	33.5	378.1		105	129	234		31.6	6.9	13.8

Number of live & dead potential trees sampled is 129
Number of dead useless trees sampled is 5
Number of live useless trees sampled is 0
The measured weighted sampling error is 18.6% at the 95% confidence level
The weighted sampling error is 13.8% at the 95% confidence level

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

Basal Area Statistical Analysis

Average Line Method
WEST FRASER MILLS LTD.
Licence Number: TFL52 CP: 336
Project: WFM-SOV67

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: I
TFL: TFL 52
Region: 3 - Cariboo
District: 01 - Quesnel

21-Feb-2018 04:49:42PM
Filename: TFL52_336_RW.ccp
Compiled by: West Fraser Mills
Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

Utilization Levels:	Minimum DBH	Top Diameter	Stump Height
Mature Blocks: (cm)	17.5	10.0	30
Immature Blocks:(cm)	12.0	10.0	30
Exception[PL]: (cm)	12.5	10.0	30
Standard Log Length:(m)	5.00		

Forest Type	Plots Cnt	Mea	Tot	Area ha	Basal Area m2/ha	Proportional Basal Area	Trees Cnt	Mea	Tot	Standard Deviation	Coeff. of Variation	Sampling Error 1 SE%	2 SE%
1 :S(B)741	5	6	11	8.9	50.9	0.30	20	50	70	22.1335	43.5	13.1	29.2
2 :SB741	10	12	22	17.1	50.5	0.57	70	69	139	20.5652	40.7	8.7	18.0
5 :SB641	2	3	5	7.5	27.6	0.14	15	10	25	19.2562	69.8	31.2	86.6
TOTAL	17	21	38	33.5	45.5		105	129	234		46.7	7.6	15.1

Number of live & dead potential trees sampled is 129
Number of dead useless trees sampled is 5
Number of live useless trees sampled is 0
The measured weighted sampling error is 20.0% at the 95% confidence level
The weighted sampling error is 15.1% at the 95% confidence level

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

Cutting Permit Stand Table (stems/ha)

Average Line Method
WEST FRASER MILLS LTD.
Licence Number: TFL52 CP: 336
Project: WFM-SOV67

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: I
TFL: TFL 52
Region: 3 - Cariboo
District: 01 - Quesnel

21-Feb-2018 04:49:42PM
Filename: TFL52_336_RW.ccp
Compiled by: West Fraser Mills
Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

[A : 33.5]

	B	S	PL	Total	DP	DU	LU
Utilization Limits							
Min DBH cm (M)	17.5	17.5	12.5	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
Top Dia cm (M)	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Log Len m	5.0	5.0	5.0	5.0	5.0	5.0	5.0
DBH Class							
5							
10							
15							
20	57.3	33.8		91.1	47.9		
25	53.0	5.8		58.9	19.2		
30	58.9	4.7		63.6	10.4		
35	11.8			11.8	3.5		
40	6.6	6.3		12.9	8.9	5.2	
45	3.4	19.4		22.8	7.4		
50	3.8	9.6		13.4	6.9		
55	4.7	16.4	1.5	22.5	6.6	1.6	
60		6.5		6.5	4.7	1.3	
65		9.1		9.1	3.9		
70		5.5		5.5	4.9		
75		1.7		1.7	1.1		
80						0.7	
85		0.9		0.9			
90							
95							
100							
105							
110							
115							
120							
125							
130							
135							
140							
145							
150							
175							
200							
225							
250							
275							
Total	199.5	119.6	1.5	320.6			
Dead P	62.3	47.2	15.9		125.4		
Dead U	4.0	0.7	4.0			8.7	
Live U							
			Average DBH(cm) at 5 Levels				
12.5 +	28.1	45.5	53.1	35.7	36.8	50.0	
17.5 +	28.1	45.5	53.1	35.7	36.8	50.0	
22.5 +	31.1	52.0	53.1	40.4	44.2	50.0	
27.5 +	34.2	53.5	53.1	44.5	49.1	50.0	
32.5 +	42.5	54.7	53.1	51.5	52.2	50.0	

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

Cutting Permit Stock Table (m3/ha)

Average Line Method | Grades: MOF Computerized | FIZ: I | 21-Feb-2018 04:49:42PM
WEST FRASER MILLS LTD. | Computerized Decay | TFL: TFL 52 | Filename: TFL52_336_RW.ccp
Licence Number: TFL52 CP: 336 | Computerized Waste | Region: 3 - Cariboo | Compiled by: West Fraser Mills
Project: WFM-SOV67 | Computerized Breakage | District: 01 - Quesnel | Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

[A : 33.5]

	B	S	PL	Total	DP	DU	LU
Utilization Limits							
Min DBH cm (M)	17.5	17.5	12.5	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
Top Dia cm (M)	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Log Len m	5.0	5.0	5.0	5.0	5.0	5.0	5.0
DBH Class							
5							
10							
15							
20	8.8	7.0		15.8	7.9		
25	16.5	1.2		17.6	3.4		
30	27.7	1.9		29.7	5.1		
35	6.2			6.2	1.8		
40	6.5	8.1		14.6	6.6		
45	3.5	29.9		33.3	8.4		
50	6.6	22.0		28.6	6.9		
55	10.3	43.9	2.4	56.7	10.2		
60		22.1		22.1	9.0		
65		33.9		33.9	8.5		
70		23.1		23.1	12.3		
75		8.0		8.0	3.8		
80							
85		4.7		4.7			
90							
95							
100							
105							
110							
115							
120							
125							
130							
135							
140							
145							
150							
175							
200							
225							
250							
275							
Total	86.1	205.7	2.4	294.2			
Dead P	23.7	48.7	11.6		83.9		
		Total Volumes for 7 Levels					
17.5 +	86.1	205.7	2.4	294.2	83.9		
22.5 +	77.2	198.8	2.4	278.4	76.0		
27.5 +	60.8	197.6	2.4	260.8	72.6		
32.5 +	33.0	195.7	2.4	231.2	67.5		
37.5 +	26.9	195.7	2.4	225.0	65.7		
42.5 +	20.3	187.6	2.4	210.4	59.1		
47.5 +	16.9	157.8	2.4	177.1	50.7		

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

Cutting Permit Basal Area Table (m2/ha)

Average Line Method
WEST FRASER MILLS LTD.
Licence Number: TFL52 CP: 336
Project: WFM-SOV67

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: I
TFL: TFL 52
Region: 3 - Cariboo
District: 01 - Quesnel

21-Feb-2018 04:49:42PM
Filename: TFL52_336_RW.ccp
Compiled by: West Fraser Mills
Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

[A : 33.5]

	B	S	PL	Total	DP	DU	LU
Utilization Limits							
Min DBH cm (M)	17.5	17.5	12.5	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
Top Dia cm (M)	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Log Len m	5.0	5.0	5.0	5.0	5.0	5.0	5.0
DBH Class							
5							
10							
15							
20	1.5	1.2		2.7	1.5		
25	2.6	0.3		2.9	0.8		
30	3.9	0.3		4.2	0.8		
35	1.1			1.1	0.3		
40	0.8	0.8		1.6	1.1	0.7	
45	0.5	3.1		3.6	1.1		
50	0.8	1.8		2.6	1.4		
55	1.1	3.9	0.3	5.3	1.5	0.3	
60		1.8		1.8	1.3	0.3	
65		3.0		3.0	1.3		
70		2.1		2.1	1.8		
75		0.8		0.8	0.5		
80						0.3	
85		0.5		0.5			
90							
95							
100							
105							
110							
115							
120							
125							
130							
135							
140							
145							
150							
175							
200							
225							
250							
275							
Total	12.3	19.5	0.3	32.1			
Dead P	4.0	7.3	2.1		13.4		
Dead U	0.7	0.3	0.7			1.7	
Live U							
Average Basal Area (m2) at 5 Levels							
12.5 +	12.3	19.5	0.3	32.1	13.4	1.7	
17.5 +	12.3	19.5	0.3	32.1	13.4	1.7	
22.5 +	10.8	18.3	0.3	29.4	11.9	1.7	
27.5 +	8.2	18.0	0.3	26.5	11.1	1.7	
32.5 +	4.3	17.7	0.3	22.3	10.3	1.7	

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

Block Stand Table (stems/ha)

Average Line Method | Grades: MOF Computerized | FIZ: I | 21-Feb-2018 04:49:42PM
WEST FRASER MILLS LTD. | Computerized Decay | TFL: TFL 52 | Filename: TFL52_336_RW.ccp
Licence Number: TFL52 CP: 336 | Computerized Waste | Region: 3 - Cariboo | Compiled by: West Fraser Mills
Project: WFM-SOV67 | Computerized Breakage | District: 01 - Quesnel | Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

Block : (M) - 067:67, Plots in Block: 33, TUs: [A : 26.0]

	B	S	PL	Total	DP	DU	LU
Utilization Limits							
Min DBH cm (M)	17.5	17.5	12.5	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
Top Dia cm (M)	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Log Len m	5.0	5.0	5.0	5.0	5.0	5.0	5.0
DBH Class							
5							
10							
15							
20	73.8	19.2		93.0	34.8		
25	68.3	7.5		75.9	24.7		
30	60.6	6.1		66.7	13.4		
35	15.2			15.2	4.5		
40	8.6	8.1		16.6	9.0	6.7	
45	4.4	19.4		23.8	9.5		
50	4.9	12.3		17.2	7.1		
55	6.0	21.2	1.9	29.0	8.5	2.0	
60		8.3		8.3	2.3	1.7	
65		11.7		11.7	1.9		
70		7.0		7.0	1.6		
75		2.2		2.2	1.4		
80						0.9	
85		1.1		1.1			
90							
95							
100							
105							
110							
115							
120							
125							
130							
135							
140							
145							
150							
175							
200							
225							
250							
275							
Total	241.9	124.2	1.9	367.9			
Dead P	51.0	51.5	16.3		118.8		
Dead U	5.2	0.9	5.2			11.3	
Live U							
			Average DBH(cm) at 5 Levels				
12.5 +	28.1	49.0	53.1	36.7	35.6	50.0	
17.5 +	28.1	49.0	53.1	36.7	35.6	50.0	
22.5 +	31.4	52.4	53.1	40.9	40.5	50.0	
27.5 +	35.1	54.0	53.1	45.5	45.8	50.0	
32.5 +	42.5	55.3	53.1	51.8	49.4	50.0	

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

Block Stand Table (stems/ha)

Average Line Method | Grades: MOF Computerized | FIZ: I | 21-Feb-2018 04:49:42PM
WEST FRASER MILLS LTD. | Computerized Decay | TFL: TFL 52 | Filename: TFL52_336_RW.ccp
Licence Number: TFL52 CP: 336 | Computerized Waste | Region: 3 - Cariboo | Compiled by: West Fraser Mills
Project: WFM-SOV67 | Computerized Breakage | District: 01 - Quesnel | Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

Block : (M) - 069:69, Plots in Block: 5, TUs: [A : 7.5]

	B	S	PL	Total	DP	DU	LU
Utilization Limits							
Min DBH cm (M)	17.5	17.5	12.5	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
Top Dia cm (M)	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Log Len m	5.0	5.0	5.0	5.0	5.0	5.0	5.0
DBH Class							
5							
10							
15							
20		84.5		84.5	93.1		
25							
30	52.8			52.8			
35							
40					8.7		
45		19.3		19.3			
50					6.0		
55							
60					13.2		
65					10.9		
70					16.4		
75							
80							
85							
90							
95							
100							
105							
110							
115							
120							
125							
130							
135							
140							
145							
150							
175							
200							
225							
250							
275							
Total	52.8	103.8		156.6			
Dead P	101.6	32.0	14.8		148.4		
Dead U							
Live U							
	Average DBH(cm) at 5 Levels						
12.5 +	27.5	26.8		27.0	40.0		
17.5 +	27.5	26.8		27.0	40.0		
22.5 +	27.5	43.9		32.7	59.7		
27.5 +	27.5	43.9		32.7	59.7		
32.5 +		43.9		43.9	59.7		

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

Block Stock Table (m3/ha)

Average Line Method | Grades: MOF Computerized | FIZ: I | 21-Feb-2018 04:49:42PM
WEST FRASER MILLS LTD. | Computerized Decay | TFL: TFL 52 | Filename: TFL52_336_RW.ccp
Licence Number: TFL52 CP: 336 | Computerized Waste | Region: 3 - Cariboo | Compiled by: West Fraser Mills
Project: WFM-SOV67 | Computerized Breakage | District: 01 - Quesnel | Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

Block : (M) - 067:67, Plots in Block: 33, TUs: [A : 26.0]

	B	S	PL	Total	DP	DU	LU
Utilization Limits							
Min DBH cm (M)	17.5	17.5	12.5	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
Top Dia cm (M)	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Log Len m	5.0	5.0	5.0	5.0	5.0	5.0	5.0
DBH Class							
5							
10							
15							
20	11.4	4.8		16.2	3.9		
25	21.2	1.5		22.7	4.4		
30	29.2	2.5		31.6	6.6		
35	8.0			8.0	2.3		
40	8.4	10.4		18.8	6.2		
45	4.5	29.1		33.6	10.8		
50	8.5	28.4		36.8	7.1		
55	13.3	56.6	3.1	73.0	13.2		
60		28.4		28.4	5.0		
65		43.7		43.7	4.1		
70		29.8		29.8	4.3		
75		10.3		10.3	4.9		
80							
85		6.1		6.1			
90							
95							
100							
105							
110							
115							
120							
125							
130							
135							
140							
145							
150							
175							
200							
225							
250							
275							
Total	104.3	251.6	3.1	359.0			
Dead P	17.8	44.1	10.8		72.7		
		Total Volumes for 7 Levels					
17.5 +	104.3	251.6	3.1	359.0	72.7		
22.5 +	92.9	246.8	3.1	342.8	68.8		
27.5 +	71.7	245.3	3.1	320.1	64.4		
32.5 +	42.6	242.8	3.1	288.5	57.9		
37.5 +	34.6	242.8	3.1	280.6	55.5		
42.5 +	26.2	232.4	3.1	261.8	49.3		
47.5 +	21.7	203.3	3.1	228.2	38.5		

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

Block Stock Table (m3/ha)

Average Line Method | Grades: MOF Computerized | FIZ: I | 21-Feb-2018 04:49:42PM
WEST FRASER MILLS LTD. | Computerized Decay | TFL: TFL 52 | Filename: TFL52_336_RW.ccp
Licence Number: TFL52 CP: 336 | Computerized Waste | Region: 3 - Cariboo | Compiled by: West Fraser Mills
Project: WFM-SOV67 | Computerized Breakage | District: 01 - Quesnel | Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

Block : (M) - 069:69, Plots in Block: 5, TUs: [A : 7.5]

	B	S	PL	Total	DP	DU	LU
Utilization Limits							
Min DBH cm (M)	17.5	17.5	12.5	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
Top Dia cm (M)	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Log Len m	5.0	5.0	5.0	5.0	5.0	5.0	5.0
DBH Class							
5							
10							
15							
20		14.4		14.4	21.9		
25							
30	22.8			22.8			
35							
40					8.0		
45		32.3		32.3			
50					6.4		
55							
60					22.9		
65					23.6		
70					40.1		
75							
80							
85							
90							
95							
100							
105							
110							
115							
120							
125							
130							
135							
140							
145							
150							
175							
200							
225							
250							
275							
Total	22.8	46.7		69.6			
Dead P	43.8	64.6	14.4		122.9		
		Total Volumes for 7 Levels					
17.5 +	22.8	46.7		69.6	122.9		
22.5 +	22.8	32.3		55.2	101.0		
27.5 +	22.8	32.3		55.2	101.0		
32.5 +		32.3		32.3	101.0		
37.5 +		32.3		32.3	101.0		
42.5 +		32.3		32.3	92.9		
47.5 +					92.9		

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

Block Basal Area Table (m2/ha)

Average Line Method | Grades: MOF Computerized | FIZ: I | 21-Feb-2018 04:49:42PM
WEST FRASER MILLS LTD. | Computerized Decay | TFL: TFL 52 | Filename: TFL52_336_RW.ccp
Licence Number: TFL52 CP: 336 | Computerized Waste | Region: 3 - Cariboo | Compiled by: West Fraser Mills
Project: WFM-SOV67 | Computerized Breakage | District: 01 - Quesnel | Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

Block : (M) - 067:67, Plots in Block: 33, TUs: [A : 26.0]

	B	S	PL	Total	DP	DU	LU
Utilization Limits							
Min DBH cm (M)	17.5	17.5	12.5	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
Top Dia cm (M)	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Log Len m	5.0	5.0	5.0	5.0	5.0	5.0	5.0
DBH Class							
5							
10							
15							
20	2.0	0.7		2.7	1.0		
25	3.4	0.4		3.8	1.1		
30	4.1	0.4		4.5	1.0		
35	1.5			1.5	0.4		
40	1.1	1.0		2.0	1.1	0.9	
45	0.7	3.2		3.8	1.4		
50	1.0	2.3		3.3	1.4		
55	1.4	5.0	0.4	6.8	2.0	0.4	
60		2.3		2.3	0.6	0.4	
65		3.9		3.9	0.6		
70		2.7		2.7	0.6		
75		1.0		1.0	0.6		
80						0.4	
85		0.6		0.6			
90							
95							
100							
105							
110							
115							
120							
125							
130							
135							
140							
145							
150							
175							
200							
225							
250							
275							
Total	15.0	23.4	0.4	38.8			
Dead P	3.3	6.5	2.0		11.9		
Dead U	0.9	0.4	0.9			2.2	
Live U							
	Average Basal Area (m2) at 5 Levels						
12.5 +	15.0	23.4	0.4	38.8	11.9	2.2	
17.5 +	15.0	23.4	0.4	38.8	11.9	2.2	
22.5 +	13.0	22.7	0.4	36.1	10.8	2.2	
27.5 +	9.6	22.3	0.4	32.4	9.8	2.2	
32.5 +	5.5	22.0	0.4	27.9	8.8	2.2	

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

Block Basal Area Table (m2/ha)

Average Line Method | Grades: MOF Computerized | FIZ: I | 21-Feb-2018 04:49:42PM
WEST FRASER MILLS LTD. | Computerized Decay | TFL: TFL 52 | Filename: TFL52_336_RW.ccp
Licence Number: TFL52 CP: 336 | Computerized Waste | Region: 3 - Cariboo | Compiled by: West Fraser Mills
Project: WFM-SOV67 | Computerized Breakage | District: 01 - Quesnel | Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

Block : (M) - 069:69, Plots in Block: 5, TUs: [A : 7.5]

	B	S	PL	Total	DP	DU	LU
Utilization Limits							
Min DBH cm (M)	17.5	17.5	12.5	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
Top Dia cm (M)	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Log Len m	5.0	5.0	5.0	5.0	5.0	5.0	5.0
DBH Class							
5							
10							
15							
20		2.9		2.9	3.1		
25							
30	3.1			3.1			
35							
40					1.2		
45		2.9		2.9			
50					1.2		
55							
60					3.5		
65					3.5		
70					6.1		
75							
80							
85							
90							
95							
100							
105							
110							
115							
120							
125							
130							
135							
140							
145							
150							
175							
200							
225							
250							
275							
Total	3.1	5.9		9.0			
Dead P	6.3	9.9	2.4		18.6		
Dead U							
Live U							
		Average Basal Area (m2) at 5 Levels					
12.5 +	3.1	5.9		9.0	18.6		
17.5 +	3.1	5.9		9.0	18.6		
22.5 +	3.1	2.9		6.1	15.5		
27.5 +	3.1	2.9		6.1	15.5		
32.5 +		2.9		2.9	15.5		

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

Type Stand Table (stems/ha)

Average Line Method
WEST FRASER MILLS LTD.
Licence Number: TFL52 CP: 336
Project: WFM-SOV67

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: I
TFL: TFL 52
Region: 3 - Cariboo
District: 01 - Quesnel

21-Feb-2018 04:49:42PM
Filename: TFL52_336_RW.ccp
Compiled by: West Fraser Mills
Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

Type 1 (M):S(B)741, Plots in Type: 11, TUs: [A : 8.9]

	B	S	PL	Total	DP	DU	LU
Utilization Limits							
Min DBH cm (M)	17.5	17.5	12.5	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
Top Dia cm (M)	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Log Len m	5.0	5.0	5.0	5.0	5.0	5.0	5.0
DBH Class							
5							
10							
15							
20		56.0		56.0			
25	15.4	21.9		37.3	19.2		
30	27.2	17.8		45.0			
35	8.8			8.8			
40	7.3	8.0		15.3	16.0	10.3	
45	5.3	45.5		50.8	8.3		
50	8.7	17.2		25.9			
55	7.0	31.9	5.5	44.4	4.4		
60		11.1		11.1			
65		12.2		12.2			
70		11.1		11.1			
75		2.5		2.5			
80							
85							
90							
95							
100							
105							
110							
115							
120							
125							
130							
135							
140							
145							
150							
175							
200							
225							
250							
275							
Total	79.6	235.4	5.5	320.6			
Dead P	25.3	4.4	18.2		47.9		
Dead U			10.3			10.3	
Live U							
		Average DBH(cm) at 5 Levels					
12.5 +	36.8	44.1	53.1	42.6	37.1	40.5	
17.5 +	36.8	44.1	53.1	42.6	37.1	40.5	
22.5 +	36.8	49.1	53.1	45.8	37.1	40.5	
27.5 +	38.9	51.5	53.1	48.3	43.8	40.5	
32.5 +	45.2	53.8	53.1	52.2	43.8	40.5	

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

Type Stand Table (stems/ha)

Average Line Method
WEST FRASER MILLS LTD.
Licence Number: TFL52 CP: 336
Project: WFM-SOV67

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: I
TFL: TFL 52
Region: 3 - Cariboo
District: 01 - Quesnel

21-Feb-2018 04:49:42PM
Filename: TFL52_336_RW.ccp
Compiled by: West Fraser Mills
Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

Type 2 (M):SB741, Plots in Type: 22, TUs: [A : 17.1]

	B	S	PL	Total	DP	DU	LU
Utilization Limits							
Min DBH cm (M)	17.5	17.5	12.5	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
Top Dia cm (M)	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Log Len m	5.0	5.0	5.0	5.0	5.0	5.0	5.0
DBH Class							
5							
10							
15							
20	112.2			112.2	52.9		
25	95.9			95.9	27.6		
30	78.0			78.0	20.4		
35	18.6			18.6	6.9		
40	9.2	8.1		17.4	5.3	4.8	
45	4.0	5.8		9.8	10.1		
50	2.9	9.8		12.7	10.9		
55	5.5	15.6		21.1	10.7	3.1	
60		6.8		6.8	3.5	2.5	
65		11.4		11.4	2.9		
70		5.0		5.0	2.5		
75		2.0		2.0	2.2		
80						1.3	
85		1.7		1.7			
90							
95							
100							
105							
110							
115							
120							
125							
130							
135							
140							
145							
150							
175							
200							
225							
250							
275							
Total	326.3	66.2		392.5			
Dead P	64.3	76.1	15.3		155.7		
Dead U	7.9	1.3	2.5			11.8	
Live U							
		Average DBH(cm) at 5 Levels					
12.5 +	26.8	56.9		33.8	35.4	53.8	
17.5 +	26.8	56.9		33.8	35.4	53.8	
22.5 +	30.3	56.9		38.3	41.3	53.8	
27.5 +	33.9	56.9		43.6	46.2	53.8	
32.5 +	41.2	56.9		51.5	50.8	53.8	

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

Type Stand Table (stems/ha)

Average Line Method | Grades: MOF Computerized | FIZ: I | 21-Feb-2018 04:49:42PM
WEST FRASER MILLS LTD. | Computerized Decay | TFL: TFL 52 | Filename: TFL52_336_RW.ccp
Licence Number: TFL52 CP: 336 | Computerized Waste | Region: 3 - Cariboo | Compiled by: West Fraser Mills
Project: WFM-SOV67 | Computerized Breakage | District: 01 - Quesnel | Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

Type 5 (M):SB641 , Plots in Type: 5, TUs: [A : 7.5]

	B	S	PL	Total	DP	DU	LU
Utilization Limits							
Min DBH cm (M)	17.5	17.5	12.5	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
Top Dia cm (M)	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Log Len m	5.0	5.0	5.0	5.0	5.0	5.0	5.0
DBH Class							
5							
10							
15							
20		84.5		84.5	93.1		
25							
30	52.8			52.8			
35							
40					8.7		
45		19.3		19.3			
50					6.0		
55							
60					13.2		
65					10.9		
70					16.4		
75							
80							
85							
90							
95							
100							
105							
110							
115							
120							
125							
130							
135							
140							
145							
150							
175							
200							
225							
250							
275							
Total	52.8	103.8		156.6			
Dead P	101.6	32.0	14.8		148.4		
Dead U							
Live U							
	Average DBH(cm) at 5 Levels						
12.5 +	27.5	26.8		27.0	40.0		
17.5 +	27.5	26.8		27.0	40.0		
22.5 +	27.5	43.9		32.7	59.7		
27.5 +	27.5	43.9		32.7	59.7		
32.5 +		43.9		43.9	59.7		

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

Type Stock Table (m3/ha)

Average Line Method
WEST FRASER MILLS LTD.
Licence Number: TFL52 CP: 336
Project: WFM-SOV67

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: I
TFL: TFL 52
Region: 3 - Cariboo
District: 01 - Quesnel

21-Feb-2018 04:49:42PM
Filename: TFL52_336_RW.ccp
Compiled by: West Fraser Mills
Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

Type 1 (M):S(B)741, Plots in Type: 11, TUs: [A : 8.9]

	B	S	PL	Total	DP	DU	LU
Utilization Limits							
Min DBH cm (M)	17.5	17.5	12.5	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
Top Dia cm (M)	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Log Len m	5.0	5.0	5.0	5.0	5.0	5.0	5.0
DBH Class							
5							
10							
15							
20		14.1		14.1			
25	4.7	4.4		9.1	7.0		
30	14.0	7.2		21.2			
35	5.1			5.1			
40	6.1	10.9		16.9	12.4		
45	6.2	70.4		76.7	8.8		
50	16.2	40.6		56.7			
55	18.8	82.0	9.2	110.0	6.4		
60		37.5		37.5			
65		48.5		48.5			
70		49.6		49.6			
75		15.5		15.5			
80							
85							
90							
95							
100							
105							
110							
115							
120							
125							
130							
135							
140							
145							
150							
175							
200							
225							
250							
275							
Total	71.1	380.6	9.2	460.9			
Dead P	12.8	6.4	15.4		34.6		
		Total Volumes for 7 Levels					
17.5 +	71.1	380.6	9.2	460.9	34.6		
22.5 +	71.1	366.6	9.2	446.8	34.6		
27.5 +	66.3	362.2	9.2	437.7	27.6		
32.5 +	52.4	355.0	9.2	416.6	27.6		
37.5 +	47.3	355.0	9.2	411.4	27.6		
42.5 +	41.2	344.1	9.2	394.5	15.2		
47.5 +	35.0	273.7	9.2	317.8	6.4		

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

Type Stock Table (m3/ha)

Average Line Method | Grades: MOF Computerized | FIZ: I | 21-Feb-2018 04:49:42PM
WEST FRASER MILLS LTD. | Computerized Decay | TFL: TFL 52 | Filename: TFL52_336_RW.ccp
Licence Number: TFL52 CP: 336 | Computerized Waste | Region: 3 - Cariboo | Compiled by: West Fraser Mills
Project: WFM-SOV67 | Computerized Breakage | District: 01 - Quesnel | Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

Type 2 (M):SB741, Plots in Type: 22, TUs: [A : 17.1]

	B	S	PL	Total	DP	DU	LU
Utilization Limits							
Min DBH cm (M)	17.5	17.5	12.5	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
Top Dia cm (M)	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Log Len m	5.0	5.0	5.0	5.0	5.0	5.0	5.0
DBH Class							
5							
10							
15							
20	17.3			17.3	5.9		
25	29.8			29.8	3.0		
30	37.1			37.1	10.0		
35	9.4			9.4	3.6		
40	9.6	10.1		19.8	3.0		
45	3.6	7.6		11.2	11.8		
50	4.4	22.0		26.5	10.7		
55	10.4	43.3		53.7	16.7		
60		23.7		23.7	7.6		
65		41.1		41.1	6.3		
70		19.5		19.5	6.6		
75		7.6		7.6	7.4		
80							
85		9.3		9.3			
90							
95							
100							
105							
110							
115							
120							
125							
130							
135							
140							
145							
150							
175							
200							
225							
250							
275							
Total	121.6	184.4		306.0			
Dead P	20.4	63.7	8.4		92.5		
		Total Volumes for 7 Levels					
17.5 +	121.6	184.4		306.0	92.5		
22.5 +	104.3	184.4		288.7	86.6		
27.5 +	74.5	184.4		258.9	83.6		
32.5 +	37.5	184.4		221.9	73.6		
37.5 +	28.0	184.4		212.4	70.0		
42.5 +	18.4	174.3		192.7	67.0		
47.5 +	14.8	166.6		181.5	55.3		

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

Type Stock Table (m3/ha)

Average Line Method
WEST FRASER MILLS LTD.
Licence Number: TFL52 CP: 336
Project: WFM-SOV67

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: I
TFL: TFL 52
Region: 3 - Cariboo
District: 01 - Quesnel

21-Feb-2018 04:49:42PM
Filename: TFL52_336_RW.ccp
Compiled by: West Fraser Mills
Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

Type 5 (M):SB641 , Plots in Type: 5, TUs: [A : 7.5]

	B	S	PL	Total	DP	DU	LU
Utilization Limits							
Min DBH cm (M)	17.5	17.5	12.5	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
Top Dia cm (M)	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Log Len m	5.0	5.0	5.0	5.0	5.0	5.0	5.0
DBH Class							
5							
10							
15							
20		14.4		14.4	21.9		
25							
30	22.8			22.8			
35							
40					8.0		
45		32.3		32.3			
50					6.4		
55							
60					22.9		
65					23.6		
70					40.1		
75							
80							
85							
90							
95							
100							
105							
110							
115							
120							
125							
130							
135							
140							
145							
150							
175							
200							
225							
250							
275							
Total	22.8	46.7		69.6			
Dead P	43.8	64.6	14.4		122.9		
		Total Volumes for 7 Levels					
17.5 +	22.8	46.7		69.6	122.9		
22.5 +	22.8	32.3		55.2	101.0		
27.5 +	22.8	32.3		55.2	101.0		
32.5 +		32.3		32.3	101.0		
37.5 +		32.3		32.3	101.0		
42.5 +		32.3		32.3	92.9		
47.5 +					92.9		

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

Type Basal Area Table (m2/ha)

Average Line Method | Grades: MOF Computerized | FIZ: I | 21-Feb-2018 04:49:42PM
WEST FRASER MILLS LTD. | Computerized Decay | TFL: TFL 52 | Filename: TFL52_336_RW.ccp
Licence Number: TFL52 CP: 336 | Computerized Waste | Region: 3 - Cariboo | Compiled by: West Fraser Mills
Project: WFM-SOV67 | Computerized Breakage | District: 01 - Quesnel | Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

Type 1 (M):S(B)741, Plots in Type: 11, TUs: [A : 8.9]

	B	S	PL	Total	DP	DU	LU
Utilization Limits							
Min DBH cm (M)	17.5	17.5	12.5	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
Top Dia cm (M)	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Log Len m	5.0	5.0	5.0	5.0	5.0	5.0	5.0
DBH Class							
5							
10							
15							
20		2.1		2.1			
25	0.8	1.1		1.9	0.8		
30	1.7	1.1		2.8			
35	0.8			0.8			
40	0.8	1.1		1.9	2.1	1.3	
45	0.8	7.4		8.3	1.2		
50	1.7	3.2		4.9			
55	1.7	7.4	1.2	10.3	1.1		
60		3.2		3.2			
65		4.2		4.2			
70		4.2		4.2			
75		1.1		1.1			
80							
85							
90							
95							
100							
105							
110							
115							
120							
125							
130							
135							
140							
145							
150							
175							
200							
225							
250							
275							
Total	8.5	36.0	1.2	45.7			
Dead P	1.7	1.1	2.4		5.2		
Dead U			1.3			1.3	
Live U							
		Average Basal Area (m2) at 5 Levels					
12.5 +	8.5	36.0	1.2	45.7	5.2	1.3	
17.5 +	8.5	36.0	1.2	45.7	5.2	1.3	
22.5 +	8.5	33.9	1.2	43.6	5.2	1.3	
27.5 +	7.6	32.9	1.2	41.7	4.3	1.3	
32.5 +	5.9	31.8	1.2	38.9	4.3	1.3	

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

Type Basal Area Table (m2/ha)

Average Line Method
WEST FRASER MILLS LTD.
Licence Number: TFL52 CP: 336
Project: WFM-SOV67

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: I
TFL: TFL 52
Region: 3 - Cariboo
District: 01 - Quesnel

21-Feb-2018 04:49:42PM
Filename: TFL52_336_RW.ccp
Compiled by: West Fraser Mills
Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

Type 2 (M):SB741, Plots in Type: 22, TUs: [A : 17.1]

	B	S	PL	Total	DP	DU	LU
Utilization Limits							
Min DBH cm (M)	17.5	17.5	12.5	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
Top Dia cm (M)	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Log Len m	5.0	5.0	5.0	5.0	5.0	5.0	5.0
DBH Class							
5							
10							
15							
20	3.0			3.0	1.5		
25	4.7			4.7	1.2		
30	5.3			5.3	1.5		
35	1.8			1.8	0.6		
40	1.2	0.9		2.1	0.6	0.7	
45	0.6	0.9		1.5	1.5		
50	0.6	1.9		2.5	2.1		
55	1.2	3.7		4.9	2.5	0.7	
60		1.9		1.9	0.9	0.7	
65		3.7		3.7	0.9		
70		1.9		1.9	0.9		
75		0.9		0.9	0.9		
80						0.7	
85		0.9		0.9			
90							
95							
100							
105							
110							
115							
120							
125							
130							
135							
140							
145							
150							
175							
200							
225							
250							
275							
Total	18.4	16.8		35.2			
Dead P	4.2	9.4	1.8		15.3		
Dead U	1.3	0.7	0.7			2.7	
Live U							
Average Basal Area (m2) at 5 Levels							
12.5 +	18.4	16.8		35.2	15.3	2.7	
17.5 +	18.4	16.8		35.2	15.3	2.7	
22.5 +	15.4	16.8		32.3	13.8	2.7	
27.5 +	10.7	16.8		27.5	12.6	2.7	
32.5 +	5.3	16.8		22.2	11.1	2.7	

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

Type Basal Area Table (m2/ha)

Average Line Method | Grades: MOF Computerized | FIZ: I | 21-Feb-2018 04:49:42PM
WEST FRASER MILLS LTD. | Computerized Decay | TFL: TFL 52 | Filename: TFL52_336_RW.ccp
Licence Number: TFL52 CP: 336 | Computerized Waste | Region: 3 - Cariboo | Compiled by: West Fraser Mills
Project: WFM-SOV67 | Computerized Breakage | District: 01 - Quesnel | Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

Type 5 (M):SB641 , Plots in Type: 5, TUs: [A : 7.5]

	B	S	PL	Total	DP	DU	LU
Utilization Limits							
Min DBH cm (M)	17.5	17.5	12.5	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
Top Dia cm (M)	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Log Len m	5.0	5.0	5.0	5.0	5.0	5.0	5.0
DBH Class							
5							
10							
15							
20		2.9		2.9	3.1		
25							
30	3.1			3.1			
35							
40					1.2		
45		2.9		2.9			
50					1.2		
55							
60					3.5		
65					3.5		
70					6.1		
75							
80							
85							
90							
95							
100							
105							
110							
115							
120							
125							
130							
135							
140							
145							
150							
175							
200							
225							
250							
275							
Total	3.1	5.9		9.0			
Dead P	6.3	9.9	2.4		18.6		
Dead U							
Live U							

Average Basal Area (m2) at 5 Levels

12.5 +	3.1	5.9	9.0	18.6	
17.5 +	3.1	5.9	9.0	18.6	
22.5 +	3.1	2.9	6.1	15.5	
27.5 +	3.1	2.9	6.1	15.5	
32.5 +		2.9	2.9	15.5	

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

Plot Summary

Average Line Method
WEST FRASER MILLS LTD.
Licence Number: TFL52 CP: 336
Project: WFM-SOV67

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: I
TFL: TFL 52
Region: 3 - Cariboo
District: 01 - Quesnel

21-Feb-2018 04:49:42PM
Filename: TFL52_336_RW.ccp
Compiled by: West Fraser Mills
Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

Utilization Levels:	Minimum DBH	Top Diameter	Stump Height
Mature Blocks: (cm)	17.5	10.0	30
Immature Blocks:(cm)	12.0	10.0	30
Exception[PL]: (cm)	12.5	10.0	30

Standard Log Length:(m) 5.00

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-S(B)741	067	1	1	8.000F	52	Balsam	2	82.22	49.78	193.00	155.65	151.79	141.68				492
						Spruce	8	407.89	44.70	720.30	677.33	662.92	652.64				598
						All Sp.	10	490.11	45.59	913.30	832.98	814.71	794.32	1709			
		2	2	8.000F C	56	Spruce	3										
						All Sp.	3							1709			
		2	3	8.000F	40	Spruce	10	315.88	56.79	971.23	894.36	874.94	853.88				598
						All Sp.	10	315.88	56.79	971.23	894.36	874.94	853.88	1709			
		3	4	8.000F C	51	Spruce	4										
						All Sp.	4							1709			
		3	5	8.000F	56	Balsam	4	310.18	36.24	282.26	256.92	251.27	245.48		405	406	492
						L.P. Pine	1	36.13	53.10	89.95	72.95	71.15	60.62				812
						Spruce	5	220.34	48.08	526.79	493.31	482.77	474.76				598
						All Sp.	10	566.64	42.40	898.99	823.17	805.19	780.86	1709			
		3	6	8.000F C	47	Balsam	1										
						Spruce	2										
						All Sp.	3							1709			
		4	7	8.000F	48	Balsam	2	102.04	44.68	204.82	165.71	161.61	151.26				492
						Spruce	4	408.36	31.59	300.82	290.42	284.40	283.53				598
						All Sp.	6	510.39	34.60	505.65	456.13	446.01	434.79	1709			
		4	8	8.000F C	38	Spruce	6										
						All Sp.	6							1709			
		4	9	8.000F	38	Balsam	2	256.52	28.18	139.18	134.35	131.56	131.56			406	
						L.P. Pine	3	182.30	40.94	204.59	175.09	113.71	101.46			803	812
						3-Grey	2	120.20	41.17	204.59	175.09	113.71	101.46				812
						Spruce	4	327.96	35.25	306.46	266.56	260.43	245.56				598
						7-Gry-D	1	33.31	55.30	83.61	60.37	58.70	48.49				598
						All Sp.	9	766.77	34.58	650.23	576.00	505.71	478.59	1709			
		4	10	8.000F C	12	Balsam	1										
						L.P. Pine	2										
						Spruce	1										
						All Sp.	4							1709			
		5	15	8.000F	30	Balsam	2	238.54	29.22	174.54	139.16	134.62	121.10			406	492
						G-Shatt	1	181.34	23.70	68.97	67.59	66.21	66.21			406	
						Spruce	4	130.23	55.93	459.20	428.32	419.14	411.63				598
						All Sp.	6	368.77	40.71	633.74	567.49	553.76	532.74	1709			
2-SB741	067	5	11	8.000F	28	Balsam	5	394.51	35.93	255.05	203.53	197.81	181.04			406	492
						Spruce	3	99.75	55.35	290.56	229.83	224.02	198.33				598

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

Plot Summary

Average Line Method
WEST FRASER MILLS LTD.
Licence Number: TFL52 CP: 336
Project: WFM-SOV67

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: I
TFL: TFL 52
Region: 3 - Cariboo
District: 01 - Quesnel

21-Feb-2018 04:49:42PM
Filename: TFL52_336_RW.ccp
Compiled by: West Fraser Mills
Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

Utilization Levels:	Minimum DBH	Top Diameter	Stump Height
Mature Blocks: (cm)	17.5	10.0	30
Immature Blocks:(cm)	12.0	10.0	30
Exception[PL]: (cm)	12.5	10.0	30

Standard Log Length:(m) 5.00

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
2-SB741	067	5	11	8.000F	28	7-Gry-D	2	60.90	57.84	180.58	130.19	126.58	104.08				598
						All Sp.	8	494.26	40.60	545.60	433.36	421.83	379.37	1709			
		5	12	8.000F C	25	Balsam	1										
						L.P. Pine	1										
						Spruce	5										
						All Sp.	7							1709			
		5	13	8.000F	46	Balsam	8	1203.53	26.02	428.25	381.85	372.37	353.19		405	406	492
						3-Grey	2	372.05	23.40	91.81	60.04	57.29	40.58				492
						Spruce	4	377.44	32.86	364.67	319.75	312.46	294.40		503		598
						G-Shatt	1	279.21	19.10	43.14	43.14	42.28	42.28		503		
						5-Grn-L	1	44.77	47.70	110.13	99.78	97.57	94.38				598
						7-Gry-D	1	18.40	74.40	111.28	80.12	77.89	63.43				598
						All Sp.	12	1580.97	27.81	792.92	701.61	684.83	647.59	1709			
		5	14	8.000F C	48	Balsam	2										
						Spruce	4										
						All Sp.	6							1709			
		6	16	8.000F C	10	Balsam	1										
						Spruce	9										
						All Sp.	10							1709			
		6	17	8.000F	24	Balsam	4	339.59	34.64	210.21	186.97	182.76	177.47			406	492
						Spruce	3	58.33	72.38	226.12	182.84	178.32	160.00			504	598
						All Sp.	7	397.91	42.33	436.33	369.81	361.08	337.48	1709			
		6	18	8.000F C	37	Balsam	1										
						Spruce	3										
						All Sp.	4							1709			
		6	19	8.000F	47	Balsam	1	39.16	51.00	80.98	65.51	63.89	59.68				492
						All Sp.	1	39.16	51.00	80.98	65.51	63.89	59.68	1709			
		6	20	8.000F C	41	Balsam	3										
						Spruce	5										
						All Sp.	8							1709			
		6	21	8.000F	17	Spruce	6	213.30	53.53	572.62	482.03	470.58	436.60				598
						5-Grn-L	1	32.25	56.20	101.92	91.83	89.79	86.84				598
						6-Grn-D	3	106.01	53.69	274.55	247.99	242.50	234.53				598
						7-Gry-D	2	75.04	52.10	196.15	142.21	138.28	115.23				598
						All Sp.	6	213.30	53.53	572.62	482.03	470.58	436.60	1709			
		7	22	8.000F C	27	Balsam	4										
						L.P. Pine	1										
						Spruce	2										
						All Sp.	7							1709			

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

Plot Summary

Average Line Method
WEST FRASER MILLS LTD.
Licence Number: TFL52 CP: 336
Project: WFM-SOV67

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: I
TFL: TFL 52
Region: 3 - Cariboo
District: 01 - Quesnel

21-Feb-2018 04:49:42PM
Filename: TFL52_336_RW.ccp
Compiled by: West Fraser Mills
Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

Utilization Levels:	Minimum DBH	Top Diameter	Stump Height
Mature Blocks: (cm)	17.5	10.0	30
Immature Blocks:(cm)	12.0	10.0	30
Exception[PL]: (cm)	12.5	10.0	30

Standard Log Length:(m) 5.00

Forest Type	Block	Strip	Plot #	Plot Size	Slope %	Species	# of Stems	Stems / Ha	Avg Diam	Gross Merch	Less Decay	Less DB	Less DWB	Cruise Date	Loss Ref No. YI	Loss Ref No. OI	Loss Ref No. M
2-SB741	067	7	23	8.000F	36	Balsam	4	578.16	26.55	249.24	193.69	187.43	168.54				492
						3-Grey	2	310.84	25.60	128.11	85.82	81.98	65.21				492
						L.P. Pine	2	110.06	43.02	198.98	111.33	85.76	63.67				812
						G-Shatt	1	40.26	50.30	121.88	44.49	42.05	23.89				812
						3-Grey	1	69.80	38.20	77.10	66.85	43.72	39.78				812
						Spruce	1	32.14	56.30	126.50	113.98	111.45	107.78				598
						All Sp.	7	720.36	31.46	574.73	419.01	384.64	339.99	1709			
		7	24	8.000F C	52	Balsam	4										
						All Sp.	4							1709			
		7	25	8.000F	41	Balsam	4	274.38	38.53	400.67	293.89	283.48	248.93				492
						E-Down	1	50.98	44.70	122.42	83.13	79.45	65.62				492
						G-Shatt	1	31.02	57.30	117.03	79.46	75.95	63.08				492
						Spruce	2	50.32	63.63	208.02	194.32	190.16	186.70				598
						All Sp.	6	324.70	43.38	608.69	488.21	473.64	435.63	1709			
		8	26	8.000F	51	Balsam	6	1521.07	20.04	326.68	320.14	313.61	313.61			406	
						L.P. Pine	2	121.80	40.90	86.52	76.14	50.18	46.89			803	812
						3-Grey	1	91.31	33.40	86.52	76.14	50.18	46.89				812
						Spruce	2	178.94	33.74	185.32	159.36	155.65	146.03				598
						7-Gry-D	1	109.50	30.50	87.06	68.86	67.12	59.46				598
						All Sp.	10	1821.81	23.65	598.52	555.64	519.45	506.53	1709			
		8	27	8.000F	33	Balsam	1	36.96	52.50	79.96	67.80	66.21	61.33				492
						Spruce	2	48.99	64.49	195.31	175.58	171.68	165.62				598
						All Sp.	3	85.95	59.63	275.27	243.39	237.88	226.95	1709			
		8	28	8.000F C	54	Balsam	1										
						Spruce	5										
						All Sp.	6							1709			
		8	29	8.000F	26	Balsam	4	650.63	25.02	258.92	214.59	208.54	192.10			406	492
						G-Shatt	1	102.65	31.50	86.74	57.60	54.99	41.12				492
						Spruce	1	29.56	58.70	112.87	81.38	79.12	65.01				598
						7-Gry-D	1	29.56	58.70	112.87	81.38	79.12	65.01				598
						All Sp.	5	680.19	27.36	371.80	295.97	287.67	257.11	1709			
		8	30	8.000F C	8	Balsam	5										
						Spruce	5										
						All Sp.	10							1709			
		9	31	8.000F	44	Balsam	3	323.69	30.73	168.14	163.17	159.81	159.81			406	
						Spruce	1	28.29	60.00	112.79	101.51	99.26	95.87				598
						All Sp.	4	351.98	34.02	280.94	264.68	259.06	255.68	1709			
		9	32	8.000F C	46	Balsam	2										
						Spruce	6										
						All Sp.	8							1709			

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

Plot Summary

Average Line Method
WEST FRASER MILLS LTD.
Licence Number: TFL52 CP: 336
Project: WFM-SOV67

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: I
TFL: TFL 52
Region: 3 - Cariboo
District: 01 - Quesnel

21-Feb-2018 04:49:42PM
Filename: TFL52_336_RW.ccp
Compiled by: West Fraser Mills
Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

Utilization Levels:	Minimum DBH	Top Diameter	Stump Height
Mature Blocks: (cm)	17.5	10.0	30
Immature Blocks:(cm)	12.0	10.0	30
Exception[PL]: (cm)	12.5	10.0	30
Standard Log Length:(m)	5.00		

Forest Type	Block	Strip	Plot #	Plot Size	Slope %	Species	# of Stems	Stems / Ha	Avg Diam	Gross Merch	Less Decay	Less DB	Less DWB	Cruise Date	Loss Ref No. YI	Loss Ref No. OI	Loss Ref No. M
2-SB741	067	9	33	8.000F	15	Spruce	4	116.64	59.10	364.51	299.02	291.73	265.93				598
						E-Down	1	43.12	48.60	72.90	52.78	51.32	42.94				598
						G-Shatt	1	35.19	53.80	89.92	64.92	63.13	52.16				598
						All Sp.	4	116.64	59.10	364.51	299.02	291.73	265.93	1709			
5-SB641	069	1	1	6.000F	65	L.P. Pine	2	73.92	45.46	152.13	128.92	83.28	72.10				812
						3-Grey	2	73.92	45.46	152.13	128.92	83.28	72.10				812
						Spruce	2	41.13	60.95	138.18	99.55	96.79	79.38				598
						E-Down	1	22.48	58.30	67.80	48.88	47.53	39.05				598
						7-Gry-D	1	18.65	64.00	70.38	50.67	49.27	40.33				598
						All Sp.	4	115.04	51.54	290.31	228.47	180.07	151.47	1608			
		1	2	6.000F C	38	Balsam	2										
						Spruce	7										
						All Sp.	9							1608			
		2	3	5.000F	23	Balsam	3	246.24	27.85	140.79	117.98	114.50	106.39			406	492
						E-Down	2	162.06	28.03	102.83	80.78	78.05	69.95			406	492
						Spruce	3	191.00	31.62	138.23	120.82	118.06	110.88			504	598
						G-Shatt	1	13.61	68.40	54.30	39.10	38.01	31.01				598
						All Sp.	6	437.24	29.56	279.02	238.80	232.55	217.27	1608			
		2	4	5.000F C	29	Balsam	4										
						Spruce	2										
						All Sp.	6							1608			
		2	5	6.000F	21	NIL	0										
						All Sp.	0							1608			

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

Plot Frequency Report

Average Line Method
WEST FRASER MILLS LTD.
Licence Number: TFL52 CP: 336
Project: WFM-SOV67

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: I
TFL: TFL 52
Region: 3 - Cariboo
District: 01 - Quesnel

21-Feb-2018 04:49:42PM
Filename: TFL52_336_RW.ccp
Compiled by: West Fraser Mills
Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

Measure Plots

Blocks	Timber Type 1	2	5
BLOCK 067 (M)			
# of Plots	6	12	
ha / Plot	1.48	1.43	
BLOCK 069 (M)			
# of Plots			3
ha / Plot			2.50
Cutting Permit			
# of Plots	6	12	3
ha / Plot	1.48	1.43	2.50

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

Plot Frequency Report

Average Line Method
WEST FRASER MILLS LTD.
Licence Number: TFL52 CP: 336
Project: WFM-SOV67

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: I
TFL: TFL 52
Region: 3 - Cariboo
District: 01 - Quesnel

21-Feb-2018 04:49:42PM
Filename: TFL52_336_RW.ccp
Compiled by: West Fraser Mills
Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

Measure Plots

Harvest Methods	Timber Type 1	2	5
METHOD CC			
# of Plots	5	5	
ha / Plot	1.46	1.84	
METHOD SC			
# of Plots	1	7	3
ha / Plot	1.60	1.13	2.50
All Methods			
# of Plots	6	12	3
ha / Plot	1.48	1.43	2.50

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

Plot Frequency Report

Average Line Method
WEST FRASER MILLS LTD.
Licence Number: TFL52 CP: 336
Project: WFM-SOV67

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: I
TFL: TFL 52
Region: 3 - Cariboo
District: 01 - Quesnel

21-Feb-2018 04:49:42PM
Filename: TFL52_336_RW.ccp
Compiled by: West Fraser Mills
Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

Count Plots

Blocks	Timber Type 1	2	5
BLOCK 067 (M)			
# of Plots	5	10	
ha / Plot	1.78	1.71	
BLOCK 069 (M)			
# of Plots			2
ha / Plot			3.75
Cutting Permit			
# of Plots	5	10	2
ha / Plot	1.78	1.71	3.75

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

Plot Frequency Report

Average Line Method
WEST FRASER MILLS LTD.
Licence Number: TFL52 CP: 336
Project: WFM-SOV67

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: I
TFL: TFL 52
Region: 3 - Cariboo
District: 01 - Quesnel

21-Feb-2018 04:49:42PM
Filename: TFL52_336_RW.ccp
Compiled by: West Fraser Mills
Cruised by: LUKE WATKISS
Version: 2017.01   IFS build 6070

Count Plots

Harvest Methods	Timber Type 1	2	5
METHOD CC			
# of Plots	5	5	
ha / Plot	1.46	1.84	
METHOD SC			
# of Plots		5	2
ha / Plot		1.58	3.75
All Methods			
# of Plots	5	10	2
ha / Plot	1.78	1.71	3.75

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

Cutting Permit Summary

Average Line Method
WEST FRASER MILLS LTD.
Licence Number: TFL52 CP: 336
Project: WFM-SOV67

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: I
TFL: TFL 52
Region: 3 - Cariboo
District: 01 - Quesnel

21-Feb-2018 04:49:42PM
Filename: TFL52_336_RW.ccp
Compiled by: West Fraser Mills
Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

Net Area: [A : 33.5]
Gross Area: [NCBr : 2.3][Reserves : 7.1][Grand Total : 42.9]

		Total	Conifer	Decid	B	S	PL
Utilization Limits							
Min DBH cm (M)					17.5	17.5	12.5
Stump Ht cm (M)					30.0	30.0	30.0
Top Dia cm (M)					10.0	10.0	10.0
Log Len m					5.0	5.0	5.0
Volume and Size Data							
Gross Merchantable	m3	16313	16313		4717	10601	995
Net Merchantable	m3	12668	12668		3676	8522	470
Net Merch - All	m3/ha	378	378		110	254	14
Distribution	%	100	100		29	67	4
Decay	%	14	14		15	13	23
Waste	%	5	5		5	5	8
Waste(billing)	%	6	6		6	6	17
Breakage	%	3	3		2	2	22
Total Cull (DWB)	%	22	22		22	20	53
Stems/Ha (Live & DP)		446.0	446.0		261.8	166.8	17.4
Avg DBH (Live & DP)	cm	36.0	36.0		28.2	45.2	42.2
Snags/Ha		8.7	8.7		4.0	0.7	4.0
Avg Snag DBH	cm	50.0	50.0		46.4	79.5	46.7
Gross Merch Vol/Tree	m3	1.09	1.09		0.54	1.90	1.71
Net Merch Vol/Tree	m3	0.85	0.85		0.42	1.53	0.81
Avg Weight Total Ht	m	31.1	31.1		24.5	34.1	31.3
Avg Weight Merch Ht	m	26.4	26.4		18.9	29.6	26.3
Avg 5.0 m Log Net	m3	0.26	0.26		0.16	0.36	0.24
Avg 5.0 m Log Gross	m3	0.32	0.32		0.21	0.43	0.35
Avg # of 5.0 m Logs/Tree		3.37	3.37		2.62	4.37	4.87
Net Immature	%	15.1	15.1		46.8	2.3	
Average Slope	%	37					
LRF and Log Summary							
Net Merch - Stud	%	20.6	20.6		42.3	11.6	13.2
Net Merch - Small Log	%	40.9	40.9		74.0	26.6	43.3
Net Merch - Large Log	%	59.1	59.1		26.0	73.4	56.7
Avg LRF All	bdft/m3	200.8	200.8		177.0	215.0	128.6
Statistical Summary							
Coeff. of Variation	%	31.6	31.6		64.4	42.7	194.9
Two Standard Error	%	13.8	13.8		28.1	18.6	85.0
Number and Type of Plots		MP = 21	CP = 17				
Number of Potential Trees		129					
Plots/Ha		1.1					
Cruised Trees/Plot		6.2					

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

Extended CP Summary

Average Line Method
WEST FRASER MILLS LTD.
Licence Number: TFL52 CP: 336
Project: WFM-SOV67

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: I
TFL: TFL 52
Region: 3 - Cariboo
District: 01 - Quesnel

21-Feb-2018 04:49:42PM
Filename: TFL52_336_RW.ccp
Compiled by: West Fraser Mills
Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

Net Area: [A : 33.5]
Gross Area: [NCBr : 2.3][Reserves : 7.1][Grand Total : 42.9]

		Total	Conifer	Decid	B	S	PL
Utilization Limits							
Min DBH cm (M)					17.5	17.5	12.5
Stump Ht cm (M)					30.0	30.0	30.0
Top Dia cm (M)					10.0	10.0	10.0
Log Len m					5.0	5.0	5.0
Volume and Size Data							
Gross Merchantable	m3	16313	16313		4717	10601	995
Net Merchantable	m3	12668	12668		3676	8522	470
Net Merch - All	m3/ha	378	378		110	254	14
Net Merch - Live	m3/ha	294	294		86	206	2
Net Merch - DP	m3/ha	84	84		24	49	12
Distribution	%	100	100		29	67	4
Decay	%	14	14		15	13	23
Waste	%	5	5		5	5	8
Waste(billing)	%	6	6		6	6	17
Breakage	%	3	3		2	2	22
Total Cull (DWB)	%	22	22		22	20	53
Stems/Ha (Live & DP)		446.0	446.0		261.8	166.8	17.4
Avg DBH (Live & DP)	cm	36.0	36.0		28.2	45.2	42.2
Snags/Ha		8.7	8.7		4.0	0.7	4.0
Avg Snag DBH	cm	50.0	50.0		46.4	79.5	46.7
Gross Merch Vol/Tree	m3	1.09	1.09		0.54	1.90	1.71
Net Merch Vol/Tree	m3	0.85	0.85		0.42	1.53	0.81
Avg Weight Total Ht	m	31.1	31.1		24.5	34.1	31.3
Avg Weight Merch Ht	m	26.4	26.4		18.9	29.6	26.3
Avg 5.0 m Log Net	m3	0.26	0.26		0.16	0.36	0.24
Avg 5.0 m Log Gross	m3	0.32	0.32		0.21	0.43	0.35
Avg # of 5.0 m Logs/Tree		3.37	3.37		2.62	4.37	4.87
Net Immature	%	15.1	15.1		46.8	2.3	
Average Slope	%	37					
All Burn Volume	%						
Heavy Fire Volume	%						
Blowdown Volume	%	10.0	10.0		16.5	6.8	16.8
Insect Volume	%	24.0	24.0		12.6	25.7	82.6
LRF and Log Summary							
Net Merch - Stud	%	20.6	20.6		42.3	11.6	13.2
Net Merch - Small Log	%	40.9	40.9		74.0	26.6	43.3
Net Merch - Large Log	%	59.1	59.1		26.0	73.4	56.7
Avg LRF All	bdft/m3	200.8	200.8		177.0	215.0	128.6

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

Extended Block Summary

Average Line Method
WEST FRASER MILLS LTD.
Licence Number: TFL52 CP: 336
Project: WFM-SOV67

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: I
TFL: TFL 52
Region: 3 - Cariboo
District: 01 - Quesnel

21-Feb-2018 04:49:42PM
Filename: TFL52_336_RW.ccp
Compiled by: West Fraser Mills
Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

Net Area: Block : (M) - 067:67, Plots in Block: 33, TUs: [A : 26.0]
Gross Area: [NCBr : 2.3][Reserves : 7.1][Grand Total : 35.4]

		Total	Conifer	Decid	B	S	PL
Utilization Limits							
Min DBH cm (M)					17.5	17.5	12.5
Stump Ht cm (M)					30.0	30.0	30.0
Top Dia cm (M)					10.0	10.0	10.0
Log Len m					5.0	5.0	5.0
Volume and Size Data							
Gross Merchantable	m3	14210	14210		4055	9388	767
Net Merchantable	m3	11225	11225		3176	7687	362
Net Merch - All	m3/ha	432	432		122	296	14
Net Merch - Live	m3/ha	359	359		104	252	3
Net Merch - DP	m3/ha	73	73		18	44	11
Distribution	%	100	100		28	68	3
Decay	%	13	13		15	12	25
Waste	%	5	5		5	4	8
Waste(billing)	%	6	6		6	5	18
Breakage	%	3	3		2	2	20
Total Cull (DWB)	%	21	21		22	18	53
Stems/Ha (Live & DP)		486.7	486.7		292.8	175.7	18.1
Avg DBH (Live & DP)	cm	36.4	36.4		28.2	46.6	41.4
Snags/Ha		11.3	11.3		5.2	0.9	5.2
Avg Snag DBH	cm	50.0	50.0		46.4	79.5	46.7
Gross Merch Vol/Tree	m3	1.12	1.12		0.53	2.05	1.63
Net Merch Vol/Tree	m3	0.89	0.89		0.42	1.68	0.77
Avg Weight Total Ht	m	31.4	31.4		24.2	34.6	31.1
Avg Weight Merch Ht	m	26.7	26.7		18.7	30.1	25.9
Avg 5.0 m Log Net	m3	0.27	0.27		0.16	0.37	0.23
Avg 5.0 m Log Gross	m3	0.33	0.33		0.20	0.44	0.34
Avg # of 5.0 m Logs/Tree		3.43	3.43		2.63	4.63	4.75
Net Immature	%	13.1	13.1		43.6	1.1	
Average Slope	%	37					
All Burn Volume	%						
Heavy Fire Volume	%						
Blowdown Volume	%	5.2	5.2		8.7	3.6	8.6
Insect Volume	%	18.9	18.9		4.2	22.1	77.4
LRF and Log Summary							
Net Merch - Stud	%	19.5	19.5		41.1	10.9	14.4
Net Merch - Small Log	%	40.2	40.2		74.6	25.7	46.4
Net Merch - Large Log	%	59.8	59.8		25.4	74.3	53.6
Avg LRF All	bdft/m3	202.0	202.0		175.3	216.3	130.7

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

Extended Block Summary

Average Line Method
WEST FRASER MILLS LTD.
Licence Number: TFL52 CP: 336
Project: WFM-SOV67

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: I
TFL: TFL 52
Region: 3 - Cariboo
District: 01 - Quesnel

21-Feb-2018 04:49:42PM
Filename: TFL52_336_RW.ccp
Compiled by: West Fraser Mills
Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

Net Area: Block : (M) - 069:69, Plots in Block: 5, TUs: [A : 7.5]

		Total	Conifer	Decid	B	S	PL
Utilization Limits							
Min DBH cm (M)					17.5	17.5	12.5
Stump Ht cm (M)					30.0	30.0	30.0
Top Dia cm (M)					10.0	10.0	10.0
Log Len m					5.0	5.0	5.0
Volume and Size Data							
Gross Merchantable	m3	2103	2103		662	1213	228
Net Merchantable	m3	1443	1443		500	835	108
Net Merch - All	m3/ha	192	192		67	111	14
Net Merch - Live	m3/ha	70	70		23	47	
Net Merch - DP	m3/ha	123	123		44	65	14
Distribution	%	100	100		35	58	7
Decay	%	18	18		16	20	15
Waste	%	8	8		6	9	7
Waste(billing)	%	11	11		8	13	16
Breakage	%	5	5		2	2	30
Total Cull (DWB)	%	31	31		24	31	53
Stems/Ha (Live & DP)		304.9	304.9		154.3	135.8	14.8
Avg DBH (Live & DP)	cm	33.9	33.9		27.8	38.5	45.5
Snags/Ha							
Avg Snag DBH	cm						
Gross Merch Vol/Tree	m3	0.92	0.92		0.57	1.19	2.06
Net Merch Vol/Tree	m3	0.63	0.63		0.43	0.82	0.98
Avg Weight Total Ht	m	29.0	29.0		26.1	30.0	31.9
Avg Weight Merch Ht	m	23.8	23.8		19.8	25.3	27.7
Avg 5.0 m Log Net	m3	0.23	0.23		0.17	0.26	0.29
Avg 5.0 m Log Gross	m3	0.31	0.31		0.22	0.37	0.38
Avg # of 5.0 m Logs/Tree		2.99	2.99		2.56	3.21	5.41
Net Immature	%	30.7	30.7		67.1	12.9	
Average Slope	%	35					
All Burn Volume	%						
Heavy Fire Volume	%						
Blowdown Volume	%	47.4	47.4		65.7	36.8	44.4
Insect Volume	%	63.8	63.8		65.7	58.0	100.0
LRF and Log Summary							
Net Merch - Stud	%	28.8	28.8		49.8	18.8	8.9
Net Merch - Small Log	%	46.9	46.9		70.2	34.8	32.9
Net Merch - Large Log	%	53.1	53.1		29.8	65.2	67.1
Avg LRF All	bdft/m3	191.9	191.9		187.8	203.4	121.4

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

Extended Type Summary

Average Line Method
WEST FRASER MILLS LTD.
Licence Number: TFL52 CP: 336
Project: WFM-SOV67

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: I
TFL: TFL 52
Region: 3 - Cariboo
District: 01 - Quesnel

21-Feb-2018 04:49:42PM
Filename: TFL52_336_RW.ccp
Compiled by: West Fraser Mills
Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

Net Area: Type 1 (M):S(B)741, Plots in Type: 11, TUs: [A : 8.9]

		Total	Conifer	Decid	B	S	PL
Utilization Limits							
Min DBH cm (M)					17.5	17.5	12.5
Stump Ht cm (M)					30.0	30.0	30.0
Top Dia cm (M)					10.0	10.0	10.0
Log Len m					5.0	5.0	5.0
Volume and Size Data							
Gross Merchantable	m3	5208	5208		938	3873	397
Net Merchantable	m3	4410	4410		747	3445	219
Net Merch - All	m3/ha	496	496		84	387	25
Net Merch - Live	m3/ha	461	461		71	381	9
Net Merch - DP	m3/ha	35	35		13	6	15
Distribution	%	100	100		17	78	5
Decay	%	9	9		14	7	16
Waste	%	3	3		4	2	8
Waste(billing)	%	3	3		5	2	14
Breakage	%	4	4		2	2	21
Total Cull (DWB)	%	15	15		20	11	45
Stems/Ha (Live & DP)		368.5	368.5		104.9	239.9	23.7
Avg DBH (Live & DP)	cm	41.9	41.9		35.1	44.4	44.2
Snags/Ha		10.3	10.3				10.3
Avg Snag DBH	cm	40.5	40.5				40.5
Gross Merch Vol/Tree	m3	1.59	1.59		1.00	1.81	1.88
Net Merch Vol/Tree	m3	1.34	1.34		0.80	1.61	1.04
Avg Weight Total Ht	m	32.9	32.9		29.0	34.0	31.5
Avg Weight Merch Ht	m	28.3	28.3		23.4	29.5	27.3
Avg 5.0 m Log Net	m3	0.33	0.33		0.23	0.37	0.29
Avg 5.0 m Log Gross	m3	0.38	0.38		0.28	0.41	0.38
Avg # of 5.0 m Logs/Tree		4.20	4.20		3.54	4.41	4.93
Net Immature	%	7.7	7.7		45.7		
All Burn Volume	%						
Heavy Fire Volume	%						
Blowdown Volume	%	1.4	1.4		8.4		
Insect Volume	%	4.4	4.4			1.7	62.6
LRF and Log Summary							
Net Merch - Stud	%	15.6	15.6		30.2	13.0	7.4
Net Merch - Small Log	%	32.2	32.2		54.2	27.4	33.2
Net Merch - Large Log	%	67.8	67.8		45.8	72.6	66.8
Avg LRF All	bdft/m3	209.7	209.7		183.8	219.0	150.5

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

Extended Type Summary

Average Line Method
WEST FRASER MILLS LTD.
Licence Number: TFL52 CP: 336
Project: WFM-SOV67

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: I
TFL: TFL 52
Region: 3 - Cariboo
District: 01 - Quesnel

21-Feb-2018 04:49:42PM
Filename: TFL52_336_RW.ccp
Compiled by: West Fraser Mills
Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

Net Area: Type 2 (M):SB741, Plots in Type: 22, TUs: [A : 17.1]

		Total	Conifer	Decid	B	S	PL
Utilization Limits							
Min DBH cm (M)					17.5	17.5	12.5
Stump Ht cm (M)					30.0	30.0	30.0
Top Dia cm (M)					10.0	10.0	10.0
Log Len m					5.0	5.0	5.0
Volume and Size Data							
Gross Merchantable	m3	9002	9002		3117	5515	370
Net Merchantable	m3	6814	6814		2429	4242	143
Net Merch - All	m3/ha	399	399		142	248	8
Net Merch - Live	m3/ha	306	306		122	184	
Net Merch - DP	m3/ha	92	92		20	64	8
Distribution	%	100	100		36	62	2
Decay	%	16	16		15	15	34
Waste	%	6	6		5	6	9
Waste(billing)	%	7	7		6	8	23
Breakage	%	3	3		2	2	18
Total Cull (DWB)	%	24	24		22	23	61
Stems/Ha (Live & DP)		548.2	548.2		390.6	142.3	15.3
Avg DBH (Live & DP)	cm	34.3	34.3		27.1	48.4	39.0
Snags/Ha		11.8	11.8		7.9	1.3	2.5
Avg Snag DBH	cm	53.8	53.8		46.4	79.5	57.8
Gross Merch Vol/Tree	m3	0.96	0.96		0.47	2.27	1.42
Net Merch Vol/Tree	m3	0.73	0.73		0.36	1.74	0.55
Avg Weight Total Ht	m	30.6	30.6		22.8	35.1	30.7
Avg Weight Merch Ht	m	25.7	25.7		17.3	30.6	23.9
Avg 5.0 m Log Net	m3	0.24	0.24		0.15	0.37	0.17
Avg 5.0 m Log Gross	m3	0.30	0.30		0.19	0.47	0.31
Avg # of 5.0 m Logs/Tree		3.17	3.17		2.50	4.83	4.60
Net Immature	%	16.5	16.5		42.9	2.0	
All Burn Volume	%						
Heavy Fire Volume	%						
Blowdown Volume	%	7.6	7.6		8.9	6.5	21.6
Insect Volume	%	28.2	28.2		5.5	38.8	100.0
LRF and Log Summary							
Net Merch - Stud	%	22.1	22.1		44.4	9.1	25.1
Net Merch - Small Log	%	45.3	45.3		80.8	24.3	66.5
Net Merch - Large Log	%	54.7	54.7		19.2	75.7	33.5
Avg LRF All	bdft/m3	196.9	196.9		172.7	214.1	100.4

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.

Extended Type Summary

Average Line Method
WEST FRASER MILLS LTD.
Licence Number: TFL52 CP: 336
Project: WFM-SOV67

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

FIZ: I
TFL: TFL 52
Region: 3 - Cariboo
District: 01 - Quesnel

21-Feb-2018 04:49:42PM
Filename: TFL52_336_RW.ccp
Compiled by: West Fraser Mills
Cruised by: LUKE WATKISS
Version: 2017.01 IFS build 6070

Net Area: Type 5 (M):SB641 , Plots in Type: 5, TUs: [A : 7.5]

		Total	Conifer	Decid	B	S	PL
Utilization Limits							
Min DBH cm (M)					17.5	17.5	12.5
Stump Ht cm (M)					30.0	30.0	30.0
Top Dia cm (M)					10.0	10.0	10.0
Log Len m					5.0	5.0	5.0
Volume and Size Data							
Gross Merchantable	m3	2103	2103		662	1213	228
Net Merchantable	m3	1443	1443		500	835	108
Net Merch - All	m3/ha	192	192		67	111	14
Net Merch - Live	m3/ha	70	70		23	47	
Net Merch - DP	m3/ha	123	123		44	65	14
Distribution	%	100	100		35	58	7
Decay	%	18	18		16	20	15
Waste	%	8	8		6	9	7
Waste(billing)	%	11	11		8	13	16
Breakage	%	5	5		2	2	30
Total Cull (DWB)	%	31	31		24	31	53
Stems/Ha (Live & DP)		304.9	304.9		154.3	135.8	14.8
Avg DBH (Live & DP)	cm	33.9	33.9		27.8	38.5	45.5
Snags/Ha							
Avg Snag DBH	cm						
Gross Merch Vol/Tree	m3	0.92	0.92		0.57	1.19	2.06
Net Merch Vol/Tree	m3	0.63	0.63		0.43	0.82	0.98
Avg Weight Total Ht	m	29.0	29.0		26.1	30.0	31.9
Avg Weight Merch Ht	m	23.8	23.8		19.8	25.3	27.7
Avg 5.0 m Log Net	m3	0.23	0.23		0.17	0.26	0.29
Avg 5.0 m Log Gross	m3	0.31	0.31		0.22	0.37	0.38
Avg # of 5.0 m Logs/Tree		2.99	2.99		2.56	3.21	5.41
Net Immature	%	30.7	30.7		67.1	12.9	
All Burn Volume	%						
Heavy Fire Volume	%						
Blowdown Volume	%	47.4	47.4		65.7	36.8	44.4
Insect Volume	%	63.8	63.8		65.7	58.0	100.0
LRF and Log Summary							
Net Merch - Stud	%	28.8	28.8		49.8	18.8	8.9
Net Merch - Small Log	%	46.9	46.9		70.2	34.8	32.9
Net Merch - Large Log	%	53.1	53.1		29.8	65.2	67.1
Avg LRF All	bdft/m3	191.9	191.9		187.8	203.4	121.4

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

CruiseComp Copyright' 1996-2017, Industrial Forestry Service Ltd.