

Galloway Lumber Co. Ltd

Cruise Compilation
Full Volumes

A19042, 197

Blocks: 3481, 3483, 3485, 3486

Version: 2018.00
Date: March 26, 2019
Locality: Joseph Creek



Compiled By: Coastfor Enterprises
Rob Kitamura, RFT, ATE

Cruised By: Robin Kessler



Card A: Cruise Identity				License	A19042	Permit	197	Project #	cf3015
Licencee	Galloway Lumber Co. Ltd			# Blocks	4	Total Net Area	53.7	Elevation	1
Cruised By	Robin Kessler			Biogeoclimatic			UTM		
Compiled by Company	Coastfor Enterprises			Zone	MS - Montane Spruce		Zone	Unkown	
Compiled by Person	robk			Sub Zone	dk - dry cool		East	0	
Endorsed By				Variant			North	0	
Tenure	W - Forest Licenses	Region	4 - Kootenay Boundary	Quota	Prop./Mngd. PSYKU, TFL or SSA District			5 - Rocky Mountain	
Sale Type		F.I.Z.	F	Locality	Joseph Creek		Unit ID #	20 - Cranbrook - 186	

Card B: Compilation Standard			
Damage	Yes	Special Compilation	Interior Dry Belt Fir
Selective	All Trees	Type of Compilation	Interior
Root Rot	No	Exceptions	Yes
Utilization			
Standard	DBH Limit: 17.5	Stump Height: 30	Top Diam.: 10.0
Exception-PL	DBH Limit: 12.5	Stump Height: 30	Top Diam.: 10.0
			Log Length: 5.0
			Log Length: 5.0

Card C: Types					Treatment Units				
Type	DAT Type	Description	A	Total					
2	2	PL(LW) 437-18	3.00	3.0					
4	4	PL(SE) 637-17	4.00	4.0					
6	6	PL 637-17	29.10	29.1					
7	7	PL 637-18	17.60	17.6					
		Total	53.7	53.7					

Card D: Blocks					Treatment Units				
Block	DAT Block	Description	Maturity	Type	A	Total			
481	481	3481	M	2	3.00	3.0			
483	483	3483	M	4	4.00	4.0			
485	485	3485	M	6	29.10	29.1			
486	486	3486	M	7	17.60	17.6			
		Total			53.7	53.7			

Card F: Harvest Methods					Treatment Units				
Method	Description	Type	A	Total					
SC	6		29.1	29.1					
	7		17.6	17.6					
	2		3.0	3.0					
	4		4.0	4.0					
	Total		53.7	53.7					

Card G: Treatment Units	
Treatment Unit	Description
A	A

FLAGS: Compile All Trees, Dry Belt Fir

License Number:	A19042	PSYU:	20 - Cranbrook - 186	Region:	4 - Kootenay Boundary	Licencee:	Galloway Lumber Co. Ltd	Compiled By:	Coastfor Enterprises
Cutting Permit:	197	FIZ:	F	District:	5 - Rocky Mountain	Cruised By:	Robin Kessler		Rob Kitamura, RFT, ATE
Utilization:			Standard		DBH Limit: 17.5		Stump Height: 30		Top Diam.: 10.0
			Exception-PL		DBH Limit: 12.5		Stump Height: 30		Top Diam.: 10.0
									Log Length: 5.0
									Log Length: 5.0

Timber Types				
Species	2	4	6	7
B		1.00000000	1.50000000	
H				1.00000000
L	1.00000000			
PL	1.00000000	1.00000000	1.06666700	1.00000000
S		1.00000000	1.00000000	1.00000000

FLAGS: Compile All Trees, Dry Belt Fir

FOR APPRAISAL PURPOSE				Section Page: 1 Main Page: 4		
Timber Pricing Branch - 2018.00		Cruise Statistics (Average Line Method)			A19042-197 Mar26,2019.cpm	
CompMatePC 1.4.21.0		Useless Volume Excluded			26/03/2019 10:59:58 AM	
License Number: A19042	PSYU: 20 - Cranbrook - 186	Region: 4 - Kootenay Boundary	Licencee: Galloway Lumber Co. Ltd	Compiled By: Coastfor Enterprises		
Cutting Permit: 197	FIZ: F	District: 5 - Rocky Mountain	Cruised By: Robin Kessler	Rob Kitamura, RFT, ATE		
Utilization:	Standard	DBH Limit: 17.5	Stump Height: 30	Top Diam.: 10.0	Log Length: 5.0	
	Exception-PL	DBH Limit: 12.5	Stump Height: 30	Top Diam.: 10.0	Log Length: 5.0	
				Volume	Basal Area	
Timber Type 2 :PL(LW) 437-18				Mean Net per HA	358.5	44.0
Prism Plots				Standard Deviation	29.5781	5.6569
No. of Potential Trees				Coefficient of Variation	8.3	12.9
No. of Measured Plots				Standard Error of the Mean %	5.8	9.1
No. of Count Plots				95% Confidence Interval	74.1	115.5
				Volume	Basal Area	
Timber Type 4 :PL(SE) 637-17				Mean Net per HA	457.1	50.0
Prism Plots				Standard Deviation	116.9072	10.9545
No. of Potential Trees				Coefficient of Variation	25.6	21.9
No. of Measured Plots				Standard Error of the Mean %	10.4	8.9
No. of Count Plots				95% Confidence Interval	26.8	23.0
				Volume	Basal Area	
Timber Type 6 :PL 637-17				Mean Net per HA	493.9	55.0
Prism Plots				Standard Deviation	209.7051	25.5626
No. of Potential Trees				Coefficient of Variation	45.5	46.5
No. of Measured Plots				Standard Error of the Mean %	8.0	8.5
No. of Count Plots				95% Confidence Interval	16.3	17.4
				Volume	Basal Area	
Timber Type 7 :PL 637-18				Mean Net per HA	463.5	49.0
Prism Plots				Standard Deviation	164.0458	17.1372
No. of Potential Trees				Coefficient of Variation	35.4	35.0
No. of Measured Plots				Standard Error of the Mean %	7.9	7.8
No. of Count Plots				95% Confidence Interval	16.6	16.4
				Volume	Basal Area	
TOTAL				Mean Net per HA	473.6	52.0
No. of Potential Trees				Coefficient of Variation	27.6	28.8
No. of Measured Plots				Standard Error of the Mean %	5.2	5.5
No. of Count Plots				95% Confidence Interval	10.5	11.0
The weighted measure sampling error at the 95% confidence level: 14.0%				The weighted measure sampling error for basal area: 12.9%		
The weighted sampling error at the 95% confidence level: 10.5%						
FLAGS: Compile All Trees, Dry Belt Fir						

License Number: A19042	PSYU: 20 - Cranbrook - 186	Region: 4 - Kootenay Boundary	Licencee: Galloway Lumber Co. Ltd	Compiled By: Coastfor Enterprises	
Cutting Permit: 197	FIZ: F	District: 5 - Rocky Mountain	Cruised By: Robin Kessler	Rob Kitamura, RFT, ATE	
Utilization:	Standard	DBH Limit: 17.5	Stump Height: 30	Top Diam.: 10.0	Log Length: 5.0
	Exception-PL	DBH Limit: 12.5	Stump Height: 30	Top Diam.: 10.0	Log Length: 5.0
Treatment Unit: All - 53.7					

All Method Summary

Species		Net Volume (m3)			Net Volume / ha			Decay %	Stud Log %	LRF	All Burn %
Code	Description	All	Live	DP	All	Live	DP				
B	Balsam	857	857	0	15.966	15.966	0	2	66	182	0
H	Hemlock	49	49	0	0.908	0.908	0	1	0	163	0
L	Larch	110	110	0	2.057	2.057	0	2	65	184	0
PL	Lodgepole Pine	23928	23127	802	445.593	430.662	14.931	2	72	180	0
S	Spruce	488	488	0	9.097	9.097	0	1	57	188	0
Conifer		25433	24632	802	473.621	458.690	14.931	2	72		0
Total		25433	24632	802	473.621	458.690	14.931	2	72		0

Harvesting Method Summaries

	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	SC	25433	39	0.34	473.621	5				2	3
	All Methods	25433	39	0.34	473.621	5				2	3
Conifer	SC	25433	39	0.34	473.621	5				2	3
	All Methods	25433	39	0.34	473.621	5				2	3

Insect Damage Net Volume (m3)

L.P. Pine			481	0.0%	483	0.0%	485	0.0%	486	0.0%
	Green Attack									
	Red Attack									
	Grey Attack									
All Other Conifer										
	Insect Damage									

All Method Parameter Table

95% Confidence Interval	10.5										
Plots/Ha	1.1										
Trees/Plot	5.3										
Cruise Date:	18-11	Total # Plots: 58	# <= 5yrs: 58			# > 5yrs: 0			# > 10yrs: 0		# No Date: 0

FLAGS: Compile All Trees, Dry Belt Fir

		Total	Conifer	Decid.	H	B	S	PL	L
Utilization Limits									
Min DBH	cm (M)				17.5	17.5	17.5	12.50	17.5
Stump Ht	cm (M)				30	30	30	30.00	30
Top Dia	cm (M)				10.0	10.0	10.0	10.00	10.0
Log Len	m				5.0	5.0	5.0	5.00	5.0
Volume and Size Data									
Gross Merchantable	m3	26809	26809		51	894	505	25243	116
Net Merchantable	m3	25433	25433		49	857	488	23928	110
Net Merch - All	m3/ha	474	474		1	16	9	446	2
Net Merch - Live	m3/ha	459	459		1	16	9	431	2
Net Merch - DP	m3/ha	15	15					15	
Distribution	%	100	100			3	2	94	
Decay	%	2	2		1	2	1	2	2
Total Cull (DWB)	%	5	5		4	4	3	5	5
Stems/Ha (Live & DP)		1377.0	1377.0		4.4	40.3	23.8	1305.3	3.3
Avg DBH (Live & DP)	cm	21.9	21.9		21.9	24.6	24.7	21.8	29.5
Snags/Ha		35.4	35.4			2.3		28.3	4.9
Avg Snag DBH	cm	21.0	21.0			26.3		18.3	30.7
Gross Merch Vol/Tree	m3	0.36	0.36		0.22	0.41	0.39	0.36	0.66
Net Merch Vol/Tree	m3	0.34	0.34		0.21	0.40	0.38	0.34	0.63
Avg Weight Total Ht	m	23.5	23.5		16.4	22.6	22.3	23.6	29.2
Avg Weight Merch Ht	m	17.7	17.7		10.6	16.2	16.4	17.8	22.6
Avg 5.0 m Log Net	m3	0.11	0.11		0.11	0.13	0.14	0.11	0.13
Avg 5.0 m Log Gross	m3	0.12	0.12		0.11	0.13	0.14	0.12	0.13
Avg # of 5.0 m Logs/Tree		3.12	3.12		2.00	3.10	2.76	3.12	5.00
Net Immature	%	100.0	100.0		100.0	100.0	100.0	100.0	100.0
Slope Average	%	39							
Burn Volume	%								
Heavy Burn Volume	%								
Blowdown Volume	%	1.8	1.8					1.9	
Insect Volume	%								
LRF and Log Summary									
Net Merch - Stud	%	71.6	71.6			65.9	56.6	72.3	65.3
Net Merch - Small Log	%	98.8	98.8		100.0	97.0	90.9	99.1	100.0
Net Merch - Large Log	%	1.2	1.2			3.0	9.1	0.9	
Avg LRF All	bdfm/m3				163.1	182.3	188.4	179.5	184.1
Statistical Summary									
Coeff. of Variation	%	27.6	27.6		447.2	114.2	152.0	31.3	141.4
Two Standard Error	%	10.5	10.5		200.0	68.0	82.5	12.1	200.0
Number and Type of Plots	MP = 43 CP = 15								
Number of Potential Trees		216							
Plots/Ha		1.1							
Cruised Trees/Plot		5.3							

FLAGS: Compile All Trees, Dry Belt Fir

License Number: A19042

PSYU: 20 - Cranbrook - 186

Region: 4 - Kootenay Boundary

Licencee: Galloway Lumber Co. Ltd

Compiled By: Coastfor Enterprises

Cutting Permit: 197

FIZ: F

District: 5 - Rocky Mountain

Cruised By: Robin Kessler

Rob Kitamura, RFT, ATE

All: 53.7

Species: Lodgepole Pine

		Total	Normal	E-Down
Volume and Size Data				
Gross Merchantable	m3	25243	24564	679
Net Merchantable	m3	23928	23467	461
Net Merch - All	m3/ha	446	437	9
Distribution	%	100	98	2
Decay	%	2	2	2
Total Cull (DWB)	%	5	4	32
Stems/Ha (Live & DP)		1305.3	1275.6	29.7
Avg DBH (Live & DP)	cm	21.8	21.7	23.8
Snags/Ha		28.3	28.3	
Avg Snag DBH	cm	18.3	18.3	
Gross Merch Vol/Tree	m3	0.36	0.36	0.43
Net Merch Vol/Tree	m3	0.34	0.34	0.29
Avg Weight Total Ht	m	23.6	23.6	22.8
Avg Weight Merch Ht	m	17.8	17.8	17.2
Avg 5.0 m Log Net	m3	0.11	0.11	0.13
Avg 5.0 m Log Gross	m3	0.12	0.11	0.13
Avg # of 5.0 m Logs/Tree		3.12	3.12	3.29
LRF and Log Summary				
Net Merch - Stud	%	72.3	72.3	73.3
Net Merch - Small Log	%	99.1	99.0	100.0
Net Merch - Large Log	%	0.9	1.0	
Avg LRF All	bdfm/m3	179.5	179.6	178.1

FLAGS: Compile All Trees, Dry Belt Fir

		H	B	S	PL	L	Total	DP	DU	LU
Utilization Limits										
Min DBH	cm (M)	17.5	17.5	17.5	12.50	17.5				
Stump Ht	cm (M)	30	30	30	30.00	30				
Top Dia	cm (M)	10.0	10.0	10.0	10.00	10.0				
Log Len	m	5.0	5.0	5.0	5.00	5.0				
DBH Class										
10										
15					5.9		5.9	0.7	0.1	0.2
20		0.2	0.6	0.2	11.5		12.6	1.0	0.1	
25			0.9	0.5	17.1		18.5	0.7	0.1	
30			0.2	0.3	9.0	0.2	9.8	0.4	0.7	
35					2.1		2.1			
40			0.1		0.2		0.3			
45										
50				0.1			0.1			
55										
60										
65										
70										
75										
80										
85										
90										
95										
100										
105										
110										
115										
120										
125										
130										
135										
140										
145										
150										
175										
200										
225										
250										
275										
Total		0.2	1.9	1.1	45.8	0.2	49.2			
Dead P					2.8		2.8	2.8		
Dead U			0.1		0.6	0.4	1.1		1.1	
Live U					0.2		0.2			0.2
Total Basal Area per Hectare at Five Levels										
12.5+		0.2	1.9	1.1	45.8	0.2	49.2	2.8	1.1	0.2
17.5+		0.2	1.9	1.1	39.9	0.2	43.3	2.1	0.9	
22.5+			1.3	0.9	28.4	0.2	30.8	1.1	0.8	
27.5+			0.4	0.4	11.3	0.2	12.3	0.4	0.7	
32.5+			0.1	0.1	2.3		2.6			

FLAGS: Compile All Trees, Dry Belt Fir

		H	B	S	PL	L	Total	DP	DU	LU
Utilization Limits										
Min DBH	cm (M)	17.5	17.5	17.5	12.50	17.5				
Stump Ht	cm (M)	30	30	30	30.00	30				
Top Dia	cm (M)	10.0	10.0	10.0	10.00	10.0				
Log Len	m	5.0	5.0	5.0	5.00	5.0				
DBH Class										
10										
15					312.7		312.7	47.1	5.8	13.1
20		4.4	17.5	8.6	375.4		405.9	32.6	4.4	
25			17.9	10.2	361.8		389.8	15.4	2.3	
30			3.9	4.3	130.8	3.3	142.2	5.6	9.8	
35					22.5		22.5			
40			1.0		1.5		2.5			
45										
50				0.7			0.7			
55										
60										
65										
70										
75										
80										
85										
90										
95										
100										
105										
110										
115										
120										
125										
130										
135										
140										
145										
150										
175										
200										
225										
250										
275										
Total		4.4	40.3	23.8	1204.6	3.3	1276.3			
Dead P					100.7			100.7		
Dead U			2.3		15.1	4.9			22.3	
Live U					13.1					13.1
Average DBH at Five Levels										
12.5+		21.9	24.6	24.7	22.0	29.5	22.2	18.9	24.6	12.6
17.5+		21.9	24.6	24.7	23.9	29.5	23.9	22.3	26.9	
22.5+			26.8	27.4	26.4	29.5	26.5	25.8	29.3	
27.5+			31.3	32.4	30.5	29.5	30.6	29.5	29.9	
32.5+			39.9	47.5	35.0		35.6			

FLAGS: Compile All Trees, Dry Belt Fir

	H	B	S	PL	L	Total	DP	DU	LU
Utilization Limits									
Min DBH	cm (M)	17.5	17.5	17.5	12.50	17.5			
Stump Ht	cm (M)	30	30	30	30.00	30			
Top Dia	cm (M)	10.0	10.0	10.0	10.00	10.0			
Log Len	m	5.0	5.0	5.0	5.00	5.0			
DBH Class									
10									
15					42.8	42.8	2.5	0.5	
20		0.9	4.9	1.7	101.8	109.3	5.4	0.3	
25			7.7	3.8	169.4	180.8	4.6	0.5	
30			2.2	2.4	90.8	2.1	97.4	2.4	1.7
35					24.0	24.0			
40			1.2		1.8	3.0			
45									
50				1.3		1.3			
55									
60									
65									
70									
75									
80									
85									
90									
95									
100									
105									
110									
115									
120									
125									
130									
135									
140									
145									
150									
175									
200									
225									
250									
275									
Total		0.9	16.0	9.1	430.7	2.1	458.7		
Dead P					14.9		14.9		
Dead U			0.5		1.5	1.0		3.0	
Live U									
Total Volumes (Living)									
17.5+		0.9	16.0	9.1	387.8	2.1	415.9	12.4	2.5
22.5+			11.1	7.4	286.0	2.1	306.6	7.0	2.2
27.5+			3.3	3.7	116.7	2.1	125.7	2.4	1.7
32.5+			1.2	1.3	25.9		28.3		
37.5+			1.2	1.3	1.8		4.3		
42.5+				1.3			1.3		
47.5				1.3			1.3		

FLAGS: Compile All Trees, Dry Belt Fir

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PSYU: 20 - Cranbrook - 186

Region: 4 - Kootenay Boundary

Licencee: Galloway Lumber Co. Ltd

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Cutting Permit: 197

FIZ: F

District: 5 - Rocky Mountain

Cruised By: Robin Kessler

Rob Kitamura, RFT, ATE

Net Area: Block: 481

Description: 3481

Plots in Block: 2

TUs: TUs: All : 3.0

		Total	Conifer	Decid.	H	B	S	PL	L
Utilization Limits									
Min DBH	cm (M)				17.5	17.5	17.5	12.50	17.5
Stump Ht	cm (M)				30	30	30	30.00	30
Top Dia	cm (M)				10.0	10.0	10.0	10.00	10.0
Log Len	m				5.0	5.0	5.0	5.00	5.0
Volume and Size Data									
Gross Merchantable	m3	1136	1136					1020	116
Net Merchantable	m3	1075	1075					965	110
Net Merch - All	m3/ha	358	358					322	37
Distribution	%	100	100					90	10
Decay	%	2	2					2	2
Total Cull (DWB)	%	5	5					5	5
Stems/Ha (Live & DP)		1641.6	1641.6					1583.1	58.5
Avg DBH (Live & DP)	cm	18.5	18.5					17.9	29.5
Snags/Ha									
Avg Snag DBH	cm								
Gross Merch Vol/Tree	m3	0.23	0.23					0.21	0.66
Net Merch Vol/Tree	m3	0.22	0.22					0.20	0.63
Avg Weight Total Ht	m	22.3	22.3					21.5	29.2
Avg Weight Merch Ht	m	15.5	15.5					14.7	22.6
Avg 5.0 m Log Net	m3	0.09	0.09					0.09	0.13
Avg 5.0 m Log Gross	m3	0.09	0.09					0.09	0.13
Avg # of 5.0 m Logs/Tree		2.49	2.49					2.40	5.00
Net Immature	%	100.0	100.0					100.0	100.0
Slope Average	%	50							
LRF and Log Summary									
Net Merch - Stud	%	92.0	92.0					95.0	65.3
Net Merch - Small Log	%	100.0	100.0					100.0	100.0
Net Merch - Large Log	%								
Avg LRF All	bdf/m3							169.4	184.1
Statistical Summary									
Coeff. of Variation	%	8.3	8.3					25.4	141.4
Two Standard Error	%	74.1	74.1					228.1	1270.6
Number and Type of Plots		MP = 2	CP = 0						
Number of Potential Trees		11							
Plots/Ha		0.7							
Cruised Trees/Plot		5.5							

FLAGS: Compile All Trees, Dry Belt Fir

License Number: A19042

PSYU: 20 - Cranbrook - 186

Region: 4 - Kootenay Boundary

Licencee: Galloway Lumber Co. Ltd

Compiled By: Coastfor Enterprises

Cutting Permit: 197

FIZ: F

District: 5 - Rocky Mountain

Cruised By: Robin Kessler

Rob Kitamura, RFT, ATE

Net Area: Block: 481

Description: 3481

Plots in Block: 2

TUs: TUs: All : 3.0

		Total	Conifer	Decid.	H	B	S	PL	L
Utilization Limits									
Min DBH	cm (M)				17.5	17.5	17.5	12.50	17.5
Stump Ht	cm (M)				30	30	30	30.00	30
Top Dia	cm (M)				10.0	10.0	10.0	10.00	10.0
Log Len	m				5.0	5.0	5.0	5.00	5.0
Volume and Size Data									
Gross Merchantable	m3	1136	1136					1020	116
Net Merchantable	m3	1075	1075					965	110
Net Merch - All	m3/ha	358	358					322	37
Net Merch - Live	m3/ha	344	344					307	37
Net Merch - DP	m3/ha	15	15					15	
Distribution	%	100	100					90	10
Decay	%	2	2					2	2
Total Cull (DWB)	%	5	5					5	5
Stems/Ha (Live & DP)		1641.6	1641.6					1583.1	58.5
Avg DBH (Live & DP)	cm	18.5	18.5					17.9	29.5
Snags/Ha									
Avg Snag DBH	cm								
Gross Merch Vol/Tree	m3	0.23	0.23					0.21	0.66
Net Merch Vol/Tree	m3	0.22	0.22					0.20	0.63
Avg Weight Total Ht	m	22.3	22.3					21.5	29.2
Avg Weight Merch Ht	m	15.5	15.5					14.7	22.6
Avg 5.0 m Log Net	m3	0.09	0.09					0.09	0.13
Avg 5.0 m Log Gross	m3	0.09	0.09					0.09	0.13
Avg # of 5.0 m Logs/Tree		2.49	2.49					2.40	5.00
Net Immature	%	100.0	100.0					100.0	100.0
Slope Average	%	50							
Burn Volume	%								
Heavy Burn Volume	%								
Blowdown Volume	%								
Insect Volume	%								
Partial Cut %	%	100.0	100.0					100.0	100.0
LRF and Log Summary									
Net Merch - Stud	%	92.0	92.0					95.0	65.3
Net Merch - Small Log	%	100.0	100.0					100.0	100.0
Net Merch - Large Log	%								
Avg LRF All	bdfm/m3							169.4	184.1
Statistical Summary									
Coeff. of Variation	%	8.3	8.3					25.4	141.4
Two Standard Error	%	74.1	74.1					228.1	1270.6
Number and Type of Plots		MP = 2	CP = 0						
Number of Potential Trees		11							
Plots/Ha		0.7							
Cruised Trees/Plot		5.5							

FLAGS: Compile All Trees, Dry Belt Fir

		Total	Conifer	Decid.	H	B	S	PL	L
Utilization Limits									
Min DBH	cm (M)				17.5	17.5	17.5	12.50	17.5
Stump Ht	cm (M)				30	30	30	30.00	30
Top Dia	cm (M)				10.0	10.0	10.0	10.00	10.0
Log Len	m				5.0	5.0	5.0	5.00	5.0
Volume and Size Data									
Gross Merchantable	m3	1916	1916			654	294	968	
Net Merchantable	m3	1828	1828			627	282	920	
Net Merch - All	m3/ha	457	457			157	70	230	
Net Merch - Live	m3/ha	453	453			157	70	226	
Net Merch - DP	m3/ha	4	4					4	
Distribution	%	100	100			34	15	50	
Decay	%	2	2			2	2	2	
Total Cull (DWB)	%	5	5			4	4	5	
Stems/Ha (Live & DP)		1024.3	1024.3			396.1	187.9	440.4	
Avg DBH (Live & DP)	cm	24.9	24.9			24.3	23.8	26.0	
Snags/Ha		167.4	167.4			30.7		136.7	
Avg Snag DBH	cm	19.5	19.5			26.3		17.6	
Gross Merch Vol/Tree	m3	0.47	0.47			0.41	0.39	0.55	
Net Merch Vol/Tree	m3	0.45	0.45			0.40	0.37	0.52	
Avg Weight Total Ht	m	24.3	24.3			23.1	24.1	25.3	
Avg Weight Merch Ht	m	18.6	18.6			16.6	18.0	20.1	
Avg 5.0 m Log Net	m3	0.14	0.14			0.13	0.15	0.16	
Avg 5.0 m Log Gross	m3	0.15	0.15			0.13	0.15	0.16	
Avg # of 5.0 m Logs/Tree		3.17	3.17			3.13	2.60	3.46	
Net Immature	%	100.0	100.0			100.0	100.0	100.0	
Slope Average	%	28							
Burn Volume	%								
Heavy Burn Volume	%								
Blowdown Volume	%								
Insect Volume	%								
Partial Cut %	%	100.0	100.0			100.0	100.0	100.0	
LRF and Log Summary									
Net Merch - Stud	%	56.7	56.7			71.3	63.4	44.6	
Net Merch - Small Log	%	96.2	96.2			95.9	84.3	100.0	
Net Merch - Large Log	%	3.8	3.8			4.1	15.7		
Avg LRF All	bdf/m3					180.7	187.4	188.8	
Statistical Summary									
Coeff. of Variation	%	25.6	25.6			105.7	140.9	106.9	
Two Standard Error	%	26.8	26.8			111.0	147.9	112.2	
Number and Type of Plots		MP = 6	CP = 0						
Number of Potential Trees		30							
Plots/Ha		1.5							
Cruised Trees/Plot		5.0							

FLAGS: Compile All Trees, Dry Belt Fir

		Total	Conifer	Decid.	H	B	S	PL	L
Utilization Limits									
Min DBH	cm (M)				17.5	17.5	17.5	12.50	17.5
Stump Ht	cm (M)				30	30	30	30.00	30
Top Dia	cm (M)				10.0	10.0	10.0	10.00	10.0
Log Len	m				5.0	5.0	5.0	5.00	5.0
Volume and Size Data									
Gross Merchantable	m3	15099	15099			240	149	14710	
Net Merchantable	m3	14372	14372			231	146	13995	
Net Merch - All	m3/ha	494	494			8	5	481	
Net Merch - Live	m3/ha	480	480			8	5	467	
Net Merch - DP	m3/ha	14	14					14	
Distribution	%	100	100			2	1	97	
Decay	%	2	2			2		2	
Total Cull (DWB)	%	5	5			4	2	5	
Stems/Ha (Live & DP)		1539.7	1539.7			19.9	13.2	1506.7	
Avg DBH (Live & DP)	cm	21.3	21.3			25.3	25.4	21.2	
Snags/Ha		9.0	9.0						
Avg Snag DBH	cm	30.7	30.7						
Gross Merch Vol/Tree	m3	0.34	0.34			0.42	0.39	0.34	
Net Merch Vol/Tree	m3	0.32	0.32			0.40	0.38	0.32	
Avg Weight Total Ht	m	23.0	23.0			21.1	20.2	23.1	
Avg Weight Merch Ht	m	17.1	17.1			15.1	14.4	17.1	
Avg 5.0 m Log Net	m3	0.11	0.11			0.14	0.13	0.11	
Avg 5.0 m Log Gross	m3	0.11	0.11			0.14	0.13	0.11	
Avg # of 5.0 m Logs/Tree		3.10	3.10			3.00	3.00	3.11	
Net Immature	%	100.0	100.0			100.0	100.0	100.0	
Slope Average	%	40							
Burn Volume	%								
Heavy Burn Volume	%								
Blowdown Volume	%	2.8	2.8					2.9	
Insect Volume	%								
Partial Cut %	%	100.0	100.0			100.0	100.0	100.0	
LRF and Log Summary									
Net Merch - Stud	%	76.9	76.9			51.0	48.3	77.6	
Net Merch - Small Log	%	99.4	99.4			100.0	100.0	99.4	
Net Merch - Large Log	%	0.6	0.6					0.6	
Avg LRF All	bdf/m3					186.7	189.7	177.3	
Statistical Summary									
Coeff. of Variation	%	45.5	45.5			387.3	387.3	49.7	
Two Standard Error	%	16.3	16.3			96.4	144.6	17.8	
Number and Type of Plots		MP = 15	CP = 15						
Number of Potential Trees		77							
Plots/Ha		1.0							
Cruised Trees/Plot		5.5							

FLAGS: Compile All Trees, Dry Belt Fir

		Total	Conifer	Decid.	H	B	S	PL	L
Utilization Limits									
Min DBH	cm (M)				17.5	17.5	17.5	12.50	17.5
Stump Ht	cm (M)				30	30	30	30.00	30
Top Dia	cm (M)				10.0	10.0	10.0	10.00	10.0
Log Len	m				5.0	5.0	5.0	5.00	5.0
Volume and Size Data									
Gross Merchantable	m3	8658	8658		51		63	8545	
Net Merchantable	m3	8158	8158		49		61	8048	
Net Merch - All	m3/ha	464	464		3		3	457	
Net Merch - Live	m3/ha	444	444		3		3	438	
Net Merch - DP	m3/ha	19	19					19	
Distribution	%	100	100		1		1	99	
Decay	%	2	2		1		1	2	
Total Cull (DWB)	%	6	6		4		3	6	
Stems/Ha (Live & DP)		1143.2	1143.2		13.3		8.2	1121.6	
Avg DBH (Live & DP)	cm	23.4	23.4		21.9		27.8	23.3	
Snags/Ha		55.1	55.1					55.1	
Avg Snag DBH	cm	18.6	18.6					18.6	
Gross Merch Vol/Tree	m3	0.43	0.43		0.22		0.43	0.43	
Net Merch Vol/Tree	m3	0.41	0.41		0.21		0.42	0.41	
Avg Weight Total Ht	m	24.5	24.5		16.4		18.9	24.6	
Avg Weight Merch Ht	m	19.0	19.0		10.6		13.8	19.1	
Avg 5.0 m Log Net	m3	0.13	0.13		0.11		0.14	0.13	
Avg 5.0 m Log Gross	m3	0.13	0.13		0.11		0.14	0.13	
Avg # of 5.0 m Logs/Tree		3.29	3.29		2.00		3.00	3.30	
Net Immature	%	100.0	100.0		100.0		100.0	100.0	
Slope Average	%	37							
Burn Volume	%								
Heavy Burn Volume	%								
Blowdown Volume	%	0.7	0.7					0.7	
Insect Volume	%								
Partial Cut %	%	100.0	100.0		100.0		100.0	100.0	
LRF and Log Summary									
Net Merch - Stud	%	63.1	63.1				45.0	63.6	
Net Merch - Small Log	%	98.3	98.3		100.0		100.0	98.2	
Net Merch - Large Log	%	1.7	1.7					1.8	
Avg LRF All	bdfm/m3				163.1		190.1	183.5	
Statistical Summary									
Coeff. of Variation	%	35.4	35.4		447.2		447.2	36.0	
Two Standard Error	%	16.6	16.6		209.3		209.3	16.8	
Number and Type of Plots		MP = 20	CP = 0						
Number of Potential Trees		98							
Plots/Ha		1.1							
Cruised Trees/Plot		5.0							

FLAGS: Compile All Trees, Dry Belt Fir

License Number: A19042

PSYU: 20 - Cranbrook - 186

Region: 4 - Kootenay Boundary

Licencee: Galloway Lumber Co. Ltd

Compiled By: Coastfor Enterprises

Cutting Permit: 197

FIZ: F

District: 5 - Rocky Mountain

Cruised By: Robin Kessler

Rob Kitamura, RFT, ATE

Net Area: Block: 485 Description: 3485 Plots in Block: 30 TUs: TUs: All : 29.1

Species: Lodgepole Pine

Volume and Size Data		Total	Normal	E-Down
Gross Merchantable	m3	14710	14119	590
Net Merchantable	m3	13995	13594	401
Net Merch - All	m3/ha	481	467	14
Distribution	%	100	97	3
Decay	%	2	2	2
Total Cull (DWB)	%	5	4	32
Stems/Ha (Live & DP)		1506.7	1457.5	49.2
Avg DBH (Live & DP)	cm	21.2	21.1	23.5
Snags/Ha				
Avg Snag DBH	cm			
Gross Merch Vol/Tree	m3	0.34	0.33	0.41
Net Merch Vol/Tree	m3	0.32	0.32	0.28
Avg Weight Total Ht	m	23.1	23.1	22.7
Avg Weight Merch Ht	m	17.1	17.1	17.0
Avg 5.0 m Log Net	m3	0.11	0.11	0.13
Avg 5.0 m Log Gross	m3	0.11	0.11	0.13
Avg # of 5.0 m Logs/Tree		3.11	3.10	3.21
LRF and Log Summary				
Net Merch - Stud	%	77.6	77.6	75.5
Net Merch - Small Log	%	99.4	99.4	100.0
Net Merch - Large Log	%	0.6	0.6	
Avg LRF All	bdf/m3	177.3	177.3	177.5

FLAGS: Compile All Trees, Dry Belt Fir

Volume and Size Data		Total	Normal	E-Down
Gross Merchantable	m3	8545	8456	88
Net Merchantable	m3	8048	7988	60
Net Merch - All	m3/ha	457	454	3
Distribution	%	100	99	1
Decay	%	2	2	2
Total Cull (DWB)	%	6	6	32
Stems/Ha (Live & DP)		1121.6	1112.3	9.3
Avg DBH (Live & DP)	cm	23.3	23.3	26.1
Snags/Ha		55.1	55.1	
Avg Snag DBH	cm	18.6	18.6	
Gross Merch Vol/Tree	m3	0.43	0.43	0.54
Net Merch Vol/Tree	m3	0.41	0.41	0.37
Avg Weight Total Ht	m	24.6	24.6	23.7
Avg Weight Merch Ht	m	19.1	19.1	18.5
Avg 5.0 m Log Net	m3	0.13	0.13	0.13
Avg 5.0 m Log Gross	m3	0.13	0.13	0.13
Avg # of 5.0 m Logs/Tree		3.30	3.30	4.00
LRF and Log Summary				
Net Merch - Stud	%	63.6	63.6	58.4
Net Merch - Small Log	%	98.2	98.2	100.0
Net Merch - Large Log	%	1.8	1.8	
Avg LRF All	bdf/m3	183.5	183.5	182.5

FLAGS: Compile All Trees, Dry Belt Fir

License Number: A19042 PSYU: 20 - Cranbrook - 186 Region: 4 - Kootenay Boundary Licencee: Galloway Lumber Co. Ltd Compiled By: Coastfor Enterprises

Cutting Permit: 197 FIZ: F District: 5 - Rocky Mountain Cruised By: Robin Kessler Rob Kitamura, RFT, ATE

Net Area: Block: 481 Description: 3481 Plots in Block: 2 TUs: All : 3.0

		H	B	S	PL	L	Total	DP	DU	LU
Utilization Limits										
Min DBH	cm (M)	17.5	17.5	17.5	12.50	17.5				
Stump Ht	cm (M)	30	30	30	30.00	30				
Top Dia	cm (M)	10.0	10.0	10.0	10.00	10.0				
Log Len	m	5.0	5.0	5.0	5.00	5.0				
DBH Class										
10										
15					12.0		12.0	4.0		
20					16.0		16.0			
25					8.0		8.0			
30						4.0	4.0			
35										
40										
45										
50										
55										
60										
65										
70										
75										
80										
85										
90										
95										
100										
105										
110										
115										
120										
125										
130										
135										
140										
145										
150										
175										
200										
225										
250										
275										
Total					36.0	4.0	40.0			
Dead P					4.0		4.0	4.0		
Dead U										
Live U										
Total Basal Area per Hectare at Five Levels										
12.5+					36.0	4.0	40.0	4.0		
17.5+					24.0	4.0	28.0			
22.5+					8.0	4.0	12.0			
27.5+						4.0	4.0			
32.5+										

FLAGS: Compile All Trees, Dry Belt Fir

License Number: A19042 PSYU: 20 - Cranbrook - 186 Region: 4 - Kootenay Boundary Licencee: Galloway Lumber Co. Ltd Compiled By: Coastfor Enterprises

Cutting Permit: 197 FIZ: F District: 5 - Rocky Mountain Cruised By: Robin Kessler Rob Kitamura, RFT, ATE

Net Area: Block: 483 Description: 3483 Plots in Block: 6 TUs: All : 4.0

		H	B	S	PL	L	Total	DP	DU	LU
Utilization Limits										
Min DBH	cm (M)	17.5	17.5	17.5	12.50	17.5				
Stump Ht	cm (M)	30	30	30	30.00	30				
Top Dia	cm (M)	10.0	10.0	10.0	10.00	10.0				
Log Len	m	5.0	5.0	5.0	5.00	5.0				
DBH Class										
10										
15									1.7	
20			8.3	3.3	3.3		15.0	1.7	1.7	
25			5.0	1.7	5.0		11.7		1.7	
30			3.3	1.7	11.7		16.7			
35					1.7		1.7			
40			1.7				1.7			
45										
50				1.7			1.7			
55										
60										
65										
70										
75										
80										
85										
90										
95										
100										
105										
110										
115										
120										
125										
130										
135										
140										
145										
150										
175										
200										
225										
250										
275										
Total			18.3	8.3	21.7		48.3			
Dead P					1.7		1.7	1.7		
Dead U			1.7		3.3		5.0		5.0	
Live U										
Total Basal Area per Hectare at Five Levels										
12.5+			18.3	8.3	21.7		48.3	1.7	5.0	
17.5+			18.3	8.3	21.7		48.3	1.7	3.3	
22.5+			10.0	5.0	18.3		33.3		1.7	
27.5+			5.0	3.3	13.3		21.7			
32.5+			1.7	1.7	1.7		5.0			

FLAGS: Compile All Trees, Dry Belt Fir

License Number: A19042 PSYU: 20 - Cranbrook - 186 Region: 4 - Kootenay Boundary Licencee: Galloway Lumber Co. Ltd Compiled By: Coastfor Enterprises

Cutting Permit: 197 FIZ: F District: 5 - Rocky Mountain Cruised By: Robin Kessler Rob Kitamura, RFT, ATE

Net Area: Block: 485 Description: 3485 Plots in Block: 30 TUs: All : 29.1

		H	B	S	PL	L	Total	DP	DU	LU
Utilization Limits										
Min DBH	cm (M)	17.5	17.5	17.5	12.50	17.5				
Stump Ht	cm (M)	30	30	30	30.00	30				
Top Dia	cm (M)	10.0	10.0	10.0	10.00	10.0				
Log Len	m	5.0	5.0	5.0	5.00	5.0				
DBH Class										
10										
15					7.8		7.8			
20					14.9		14.9	0.7		
25			1.0	0.7	18.5		20.2	0.7		
30					9.2		9.2	0.7	0.7	
35					0.7		0.7			
40										
45										
50										
55										
60										
65										
70										
75										
80										
85										
90										
95										
100										
105										
110										
115										
120										
125										
130										
135										
140										
145										
150										
175										
200										
225										
250										
275										
Total			1.0	0.7	51.2		52.9			
Dead P					2.1		2.1	2.1		
Dead U						0.7	0.7		0.7	
Live U										
Total Basal Area per Hectare at Five Levels										
12.5+			1.0	0.7	51.2		52.9	2.1	0.7	
17.5+			1.0	0.7	43.4		45.0	2.1	0.7	
22.5+			1.0	0.7	28.4		30.1	1.4	0.7	
27.5+					10.0		10.0	0.7	0.7	
32.5+					0.7		0.7			

FLAGS: Compile All Trees, Dry Belt Fir

License Number: A19042 PSYU: 20 - Cranbrook - 186 Region: 4 - Kootenay Boundary Licencee: Galloway Lumber Co. Ltd Compiled By: Coastfor Enterprises

Cutting Permit: 197 FIZ: F District: 5 - Rocky Mountain Cruised By: Robin Kessler Rob Kitamura, RFT, ATE

Net Area: Block: 486 Description: 3486 Plots in Block: 20 TUs: All : 17.6

		H	B	S	PL	L	Total	DP	DU	LU
Utilization Limits										
Min DBH	cm (M)	17.5	17.5	17.5	12.50	17.5				
Stump Ht	cm (M)	30	30	30	30.00	30				
Top Dia	cm (M)	10.0	10.0	10.0	10.00	10.0				
Log Len	m	5.0	5.0	5.0	5.00	5.0				
DBH Class										
10										
15					3.0		3.0	1.5		0.5
20		0.5			7.0		7.5	1.5		
25					19.0		19.0	1.0		
30				0.5	9.5		10.0		1.0	
35					5.0		5.0			
40					0.5		0.5			
45										
50										
55										
60										
65										
70										
75										
80										
85										
90										
95										
100										
105										
110										
115										
120										
125										
130										
135										
140										
145										
150										
175										
200										
225										
250										
275										
Total		0.5		0.5	44.0		45.0			
Dead P					4.0		4.0	4.0		
Dead U					1.0		1.0		1.0	
Live U					0.5		0.5			0.5
Total Basal Area per Hectare at Five Levels										
12.5+		0.5		0.5	44.0		45.0	4.0	1.0	0.5
17.5+		0.5		0.5	41.0		42.0	2.5	1.0	
22.5+				0.5	34.0		34.5	1.0	1.0	
27.5+				0.5	15.0		15.5		1.0	
32.5+					5.5		5.5			

FLAGS: Compile All Trees, Dry Belt Fir

License Number: A19042 PSYU: 20 - Cranbrook - 186 Region: 4 - Kootenay Boundary Licencee: Galloway Lumber Co. Ltd Compiled By: Coastfor Enterprises

Cutting Permit: 197 FIZ: F District: 5 - Rocky Mountain Cruised By: Robin Kessler Rob Kitamura, RFT, ATE

Net Area: Block: 481 Description: 3481 Plots in Block: 2 TUs: TUs: All : 3.0

		H	B	S	PL	L	Total	DP	DU	LU
Utilization Limits										
Min DBH	cm (M)	17.5	17.5	17.5	12.50	17.5				
Stump Ht	cm (M)	30	30	30	30.00	30				
Top Dia	cm (M)	10.0	10.0	10.0	10.00	10.0				
Log Len	m	5.0	5.0	5.0	5.00	5.0				
DBH Class										
10										
15					605.1		605.1	301.4		
20					500.4		500.4			
25					176.1		176.1			
30						58.5	58.5			
35										
40										
45										
50										
55										
60										
65										
70										
75										
80										
85										
90										
95										
100										
105										
110										
115										
120										
125										
130										
135										
140										
145										
150										
175										
200										
225										
250										
275										
Total					1281.7	58.5	1340.2			
Dead P					301.4			301.4		
Dead U										
Live U										
Average DBH at Five Levels										
12.5+					18.9	29.5	19.5	13.0		
17.5+					21.3	29.5	22.0			
22.5+					24.0	29.5	25.5			
27.5+						29.5	29.5			
32.5+										

FLAGS: Compile All Trees, Dry Belt Fir

License Number: A19042 PSYU: 20 - Cranbrook - 186 Region: 4 - Kootenay Boundary Licencee: Galloway Lumber Co. Ltd Compiled By: Coastfor Enterprises

Cutting Permit: 197 FIZ: F District: 5 - Rocky Mountain Cruised By: Robin Kessler Rob Kitamura, RFT, ATE

Net Area: Block: 483 Description: 3483 Plots in Block: 6 TUs: TUs: All : 4.0

		H	B	S	PL	L	Total	DP	DU	LU
Utilization Limits										
Min DBH	cm (M)	17.5	17.5	17.5	12.50	17.5				
Stump Ht	cm (M)	30	30	30	30.00	30				
Top Dia	cm (M)	10.0	10.0	10.0	10.00	10.0				
Log Len	m	5.0	5.0	5.0	5.00	5.0				
DBH Class										
10										
15									77.9	
20			235.6	115.8	100.1		451.4	60.7	58.8	
25			95.3	41.2	86.3		222.8		30.7	
30			51.8	21.5	173.6		247.0			
35					19.7		19.7			
40			13.3				13.3			
45										
50				9.4			9.4			
55										
60										
65										
70										
75										
80										
85										
90										
95										
100										
105										
110										
115										
120										
125										
130										
135										
140										
145										
150										
175										
200										
225										
250										
275										
Total			396.1	187.9	379.7		963.6			
Dead P					60.7			60.7		
Dead U			30.7		136.7				167.4	
Live U										
Average DBH at Five Levels										
12.5+			24.3	23.8	27.0		25.3	18.7	19.5	
17.5+			24.3	23.8	27.0		25.3	18.7	21.8	
22.5+			28.2	29.7	28.9		28.8		26.3	
27.5+			31.3	37.0	29.6		30.9			
32.5+			39.9	47.5	32.8		38.7			

FLAGS: Compile All Trees, Dry Belt Fir

		H	B	S	PL	L	Total	DP	DU	LU
Utilization Limits										
Min DBH	cm (M)	17.5	17.5	17.5	12.50	17.5				
Stump Ht	cm (M)	30	30	30	30.00	30				
Top Dia	cm (M)	10.0	10.0	10.0	10.00	10.0				
Log Len	m	5.0	5.0	5.0	5.00	5.0				
DBH Class										
10										
15					420.5		420.5			
20					495.4		495.4	22.4		
25			19.9	13.2	401.4		434.5	16.4		
30					133.2		133.2	10.4	9.0	
35					7.0		7.0			
40										
45										
50										
55										
60										
65										
70										
75										
80										
85										
90										
95										
100										
105										
110										
115										
120										
125										
130										
135										
140										
145										
150										
175										
200										
225										
250										
275										
Total			19.9	13.2	1457.5		1490.5			
Dead P					49.2			49.2		
Dead U						9.0			9.0	
Live U										
Average DBH at Five Levels										
12.5+			25.3	25.4	21.1		21.3	23.5	30.7	
17.5+			25.3	25.4	23.1		23.2	23.5	30.7	
22.5+			25.3	25.4	25.9		25.8	26.0	30.7	
27.5+					30.1		30.1	29.5	30.7	
32.5+					36.0		36.0			

FLAGS: Compile All Trees, Dry Belt Fir

License Number: A19042

PSYU: 20 - Cranbrook - 186

Region: 4 - Kootenay Boundary

Licencee: Galloway Lumber Co. Ltd

Compiled By: Coastfor Enterprises

Cutting Permit: 197

FIZ: F

District: 5 - Rocky Mountain

Cruised By: Robin Kessler

Rob Kitamura, RFT, ATE

Net Area: Block: 486

Description: 3486

Plots in Block: 20

TUs: TUs: All : 17.6

		H	B	S	PL	L	Total	DP	DU	LU
Utilization Limits										
Min DBH	cm (M)	17.5	17.5	17.5	12.50	17.5				
Stump Ht	cm (M)	30	30	30	30.00	30				
Top Dia	cm (M)	10.0	10.0	10.0	10.00	10.0				
Log Len	m	5.0	5.0	5.0	5.00	5.0				
DBH Class										
10										
15					155.8		155.8	92.3		40.1
20		13.3			218.1		231.4	48.5		
25					390.5		390.5	20.0		
30				8.2	139.4		147.6		15.0	
35					52.6		52.6			
40					4.5		4.5			
45										
50										
55										
60										
65										
70										
75										
80										
85										
90										
95										
100										
105										
110										
115										
120										
125										
130										
135										
140										
145										
150										
175										
200										
225										
250										
275										
Total		13.3		8.2	960.9		982.4			
Dead P					160.7			160.7		
Dead U					15.0				15.0	
Live U					40.1					40.1
Average DBH at Five Levels										
12.5+		21.9		27.8	24.1		24.1	17.8	29.1	12.6
17.5+		21.9		27.8	25.5		25.4	21.6	29.1	
22.5+				27.8	27.2		27.2	25.3	29.1	
27.5+				27.8	31.2		31.1		29.1	
32.5+					35.0		35.0			

FLAGS: Compile All Trees, Dry Belt Fir

License Number: A19042 PSYU: 20 - Cranbrook - 186 Region: 4 - Kootenay Boundary Licencee: Galloway Lumber Co. Ltd Compiled By: Coastfor Enterprises

Cutting Permit: 197 FIZ: F District: 5 - Rocky Mountain Cruised By: Robin Kessler Rob Kitamura, RFT, ATE

Net Area: Block: 481 Description: 3481 Plots in Block: 2 TUs: TUs: All : 3.0

		H	B	S	PL	L	Total	DP	DU	LU
Utilization Limits										
Min DBH	cm (M)	17.5	17.5	17.5	12.50	17.5				
Stump Ht	cm (M)	30	30	30	30.00	30				
Top Dia	cm (M)	10.0	10.0	10.0	10.00	10.0				
Log Len	m	5.0	5.0	5.0	5.00	5.0				
DBH Class										
10										
15					84.9		84.9	14.7		
20					145.9		145.9			
25					76.2		76.2			
30						36.8	36.8			
35										
40										
45										
50										
55										
60										
65										
70										
75										
80										
85										
90										
95										
100										
105										
110										
115										
120										
125										
130										
135										
140										
145										
150										
175										
200										
225										
250										
275										
Total					307.0	36.8	343.8			
Dead P					14.7			14.7		
Dead U										
Live U										
Total Volumes (Living)										
17.5+					222.1	36.8	258.9			
22.5+					76.2	36.8	113.0			
27.5+						36.8	36.8			
32.5+										
37.5+										
42.5+										
47.5										

FLAGS: Compile All Trees, Dry Belt Fir

License Number: A19042 PSYU: 20 - Cranbrook - 186 Region: 4 - Kootenay Boundary Licencee: Galloway Lumber Co. Ltd Compiled By: Coastfor Enterprises

Cutting Permit: 197 FIZ: F District: 5 - Rocky Mountain Cruised By: Robin Kessler Rob Kitamura, RFT, ATE

Net Area: Block: 483 Description: 3483 Plots in Block: 6 TUs: TUs: All : 4.0

		H	B	S	PL	L	Total	DP	DU	LU
Utilization Limits										
Min DBH	cm (M)	17.5	17.5	17.5	12.50	17.5				
Stump Ht	cm (M)	30	30	30	30.00	30				
Top Dia	cm (M)	10.0	10.0	10.0	10.00	10.0				
Log Len	m	5.0	5.0	5.0	5.00	5.0				
DBH Class										
10										
15									6.5	
20			65.9	22.6	30.6		119.1	4.5	4.5	
25			46.2	13.9	53.4		113.6		7.1	
30			29.1	16.8	122.3		168.1			
35					19.2		19.2			
40			15.5				15.5			
45										
50				17.1			17.1			
55										
60										
65										
70										
75										
80										
85										
90										
95										
100										
105										
110										
115										
120										
125										
130										
135										
140										
145										
150										
175										
200										
225										
250										
275										
Total			156.7	70.4	225.5		452.6			
Dead P					4.5			4.5		
Dead U			7.1		11.1				18.2	
Live U										
Total Volumes (Living)										
17.5+			156.7	70.4	225.5		452.6	4.5	11.6	
22.5+			90.8	47.8	194.9		333.5		7.1	
27.5+			44.6	33.8	141.5		219.9			
32.5+			15.5	17.1	19.2		51.8			
37.5+			15.5	17.1			32.6			
42.5+				17.1			17.1			
47.5				17.1			17.1			

FLAGS: Compile All Trees, Dry Belt Fir

		H	B	S	PL	L	Total	DP	DU	LU
Utilization Limits										
Min DBH	cm (M)	17.5	17.5	17.5	12.50	17.5				
Stump Ht	cm (M)	30	30	30	30.00	30				
Top Dia	cm (M)	10.0	10.0	10.0	10.00	10.0				
Log Len	m	5.0	5.0	5.0	5.00	5.0				
DBH Class										
10										
15					56.0		56.0			
20					130.8		130.8	4.8		
25			7.9	5.0	181.6		194.5	4.5		
30					90.6		90.6	4.5	1.8	
35					8.1		8.1			
40										
45										
50										
55										
60										
65										
70										
75										
80										
85										
90										
95										
100										
105										
110										
115										
120										
125										
130										
135										
140										
145										
150										
175										
200										
225										
250										
275										
Total			7.9	5.0	467.2		480.1			
Dead P					13.8			13.8		
Dead U						1.8			1.8	
Live U										
Total Volumes (Living)										
17.5+			7.9	5.0	411.2		424.1	13.8	1.8	
22.5+			7.9	5.0	280.4		293.3	9.0	1.8	
27.5+					98.8		98.8	4.5	1.8	
32.5+					8.1		8.1			
37.5+										
42.5+										
47.5										

FLAGS: Compile All Trees, Dry Belt Fir

License Number: A19042

PSYU: 20 - Cranbrook - 186

Region: 4 - Kootenay Boundary

Licencee: Galloway Lumber Co. Ltd

Compiled By: Coastfor Enterprises

Cutting Permit: 197

FIZ: F

District: 5 - Rocky Mountain

Cruised By: Robin Kessler

Rob Kitamura, RFT, ATE

Net Area: Block: 486

Description: 3486

Plots in Block: 20

TUs: TUs: All : 17.6

		H	B	S	PL	L	Total	DP	DU	LU
Utilization Limits										
Min DBH	cm (M)	17.5	17.5	17.5	12.50	17.5				
Stump Ht	cm (M)	30	30	30	30.00	30				
Top Dia	cm (M)	10.0	10.0	10.0	10.00	10.0				
Log Len	m	5.0	5.0	5.0	5.00	5.0				
DBH Class										
10										
15					23.6		23.6	5.2		
20		2.8			62.5		65.3	7.4		
25					191.4		191.4	6.7		
30				3.5	99.4		102.9		2.2	
35					55.5		55.5			
40					5.6		5.6			
45										
50										
55										
60										
65										
70										
75										
80										
85										
90										
95										
100										
105										
110										
115										
120										
125										
130										
135										
140										
145										
150										
175										
200										
225										
250										
275										
Total		2.8		3.5	438.0		444.3			
Dead P					19.3			19.3		
Dead U					2.2				2.2	
Live U										
Total Volumes (Living)										
17.5+		2.8		3.5	414.4		420.6	14.1	2.2	
22.5+				3.5	351.9		355.4	6.7	2.2	
27.5+				3.5	160.5		164.0		2.2	
32.5+					61.1		61.1			
37.5+					5.6		5.6			
42.5+										
47.5										

FLAGS: Compile All Trees, Dry Belt Fir

License Number: A19042 PSYU: 20 - Cranbrook - 186 Region: 4 - Kootenay Boundary Licencee: Galloway Lumber Co. Ltd Compiled By: Coastfor Enterprises

Cutting Permit: 197 FIZ: F District: 5 - Rocky Mountain Cruised By: Robin Kessler Rob Kitamura, RFT, ATE

Net Area: Type: 2 Description: PL(LW) 437-18 Plots in Type: 2 TUs: All : 3.0

		Total	Conifer	Decid.	H	B	S	PL	L
Utilization Limits									
Min DBH	cm (M)				17.5	17.5	17.5	12.50	17.5
Stump Ht	cm (M)				30	30	30	30.00	30
Top Dia	cm (M)				10.0	10.0	10.0	10.00	10.0
Log Len	m				5.0	5.0	5.0	5.00	5.0
Volume and Size Data									
Gross Merchantable	m3	1136	1136					1020	116
Net Merchantable	m3	1075	1075					965	110
Net Merch - All	m3/ha	358	358					322	37
Distribution	%	100	100					90	10
Decay	%	2	2					2	2
Total Cull (DWB)	%	5	5					5	5
Stems/Ha (Live & DP)		1641.6	1641.6					1583.1	58.5
Avg DBH (Live & DP)	cm	18.5	18.5					17.9	29.5
Snags/Ha									
Avg Snag DBH	cm								
Gross Merch Vol/Tree	m3	0.23	0.23					0.21	0.66
Net Merch Vol/Tree	m3	0.22	0.22					0.20	0.63
Avg Weight Total Ht	m	22.3	22.3					21.5	29.2
Avg Weight Merch Ht	m	15.5	15.5					14.7	22.6
Avg 5.0 m Log Net	m3	0.09	0.09					0.09	0.13
Avg 5.0 m Log Gross	m3	0.09	0.09					0.09	0.13
Avg # of 5.0 m Logs/Tree		2.49	2.49					2.40	5.00
Net Immature	%	100.0	100.0					100.0	100.0
LRF and Log Summary									
Net Merch - Stud	%	92.0	92.0					95.0	65.3
Net Merch - Small Log	%	100.0	100.0					100.0	100.0
Net Merch - Large Log	%								
Avg LRF All	bdft/m3							169.4	184.1
Statistical Summary									
Coeff. of Variation	%	8.3	8.3					25.4	141.4
Two Standard Error	%	74.1	74.1					228.1	1270.6
Number and Type of Plots		MP = 2	CP = 0						
Number of Potential Trees		11							
Plots/Ha		0.7							
Cruised Trees/Plot		5.5							

FLAGS: Compile All Trees, Dry Belt Fir

License Number: A19042 PSYU: 20 - Cranbrook - 186 Region: 4 - Kootenay Boundary Licencee: Galloway Lumber Co. Ltd Compiled By: Coastfor Enterprises

Cutting Permit: 197 FIZ: F District: 5 - Rocky Mountain Cruised By: Robin Kessler Rob Kitamura, RFT, ATE

Net Area: Type: 4 Description: PL(SE) 637-17 Plots in Type: 6 TUs: All : 4.0

		Total	Conifer	Decid.	H	B	S	PL	L
Utilization Limits									
Min DBH	cm (M)				17.5	17.5	17.5	12.50	17.5
Stump Ht	cm (M)				30	30	30	30.00	30
Top Dia	cm (M)				10.0	10.0	10.0	10.00	10.0
Log Len	m				5.0	5.0	5.0	5.00	5.0
Volume and Size Data									
Gross Merchantable	m3	1916	1916			654	294	968	
Net Merchantable	m3	1828	1828			627	282	920	
Net Merch - All	m3/ha	457	457			157	70	230	
Distribution	%	100	100			34	15	50	
Decay	%	2	2			2	2	2	
Total Cull (DWB)	%	5	5			4	4	5	
Stems/Ha (Live & DP)		1024.3	1024.3			396.1	187.9	440.4	
Avg DBH (Live & DP)	cm	24.9	24.9			24.3	23.8	26.0	
Snags/Ha		167.4	167.4			30.7		136.7	
Avg Snag DBH	cm	19.5	19.5			26.3		17.6	
Gross Merch Vol/Tree	m3	0.47	0.47			0.41	0.39	0.55	
Net Merch Vol/Tree	m3	0.45	0.45			0.40	0.37	0.52	
Avg Weight Total Ht	m	24.3	24.3			23.1	24.1	25.3	
Avg Weight Merch Ht	m	18.6	18.6			16.6	18.0	20.1	
Avg 5.0 m Log Net	m3	0.14	0.14			0.13	0.15	0.16	
Avg 5.0 m Log Gross	m3	0.15	0.15			0.13	0.15	0.16	
Avg # of 5.0 m Logs/Tree		3.17	3.17			3.13	2.60	3.46	
Net Immature	%	100.0	100.0			100.0	100.0	100.0	
LRF and Log Summary									
Net Merch - Stud	%	56.7	56.7			71.3	63.4	44.6	
Net Merch - Small Log	%	96.2	96.2			95.9	84.3	100.0	
Net Merch - Large Log	%	3.8	3.8			4.1	15.7		
Avg LRF All	bdft/m3					180.7	187.4	188.8	
Statistical Summary									
Coeff. of Variation	%	25.6	25.6			105.7	140.9	106.9	
Two Standard Error	%	26.8	26.8			111.0	147.9	112.2	
Number and Type of Plots		MP = 6	CP = 0						
Number of Potential Trees		30							
Plots/Ha		1.5							
Cruised Trees/Plot		5.0							

FLAGS: Compile All Trees, Dry Belt Fir

License Number: A19042 PSYU: 20 - Cranbrook - 186 Region: 4 - Kootenay Boundary Licencee: Galloway Lumber Co. Ltd Compiled By: Coastfor Enterprises

Cutting Permit: 197 FIZ: F District: 5 - Rocky Mountain Cruised By: Robin Kessler Rob Kitamura, RFT, ATE

Net Area: Type: 6 Description: PL 637-17 Plots in Type: 30 TUs: All : 29.1

		Total	Conifer	Decid.	H	B	S	PL	L
Utilization Limits									
Min DBH	cm (M)				17.5	17.5	17.5	12.50	17.5
Stump Ht	cm (M)				30	30	30	30.00	30
Top Dia	cm (M)				10.0	10.0	10.0	10.00	10.0
Log Len	m				5.0	5.0	5.0	5.00	5.0
Volume and Size Data									
Gross Merchantable	m3	15099	15099			240	149	14710	
Net Merchantable	m3	14372	14372			231	146	13995	
Net Merch - All	m3/ha	494	494			8	5	481	
Distribution	%	100	100			2	1	97	
Decay	%	2	2			2		2	
Total Cull (DWB)	%	5	5			4	2	5	
Stems/Ha (Live & DP)		1539.7	1539.7			19.9	13.2	1506.7	
Avg DBH (Live & DP)	cm	21.3	21.3			25.3	25.4	21.2	
Snags/Ha		9.0	9.0						9.0
Avg Snag DBH	cm	30.7	30.7						30.7
Gross Merch Vol/Tree	m3	0.34	0.34			0.42	0.39	0.34	
Net Merch Vol/Tree	m3	0.32	0.32			0.40	0.38	0.32	
Avg Weight Total Ht	m	23.0	23.0			21.1	20.2	23.1	
Avg Weight Merch Ht	m	17.1	17.1			15.1	14.4	17.1	
Avg 5.0 m Log Net	m3	0.11	0.11			0.14	0.13	0.11	
Avg 5.0 m Log Gross	m3	0.11	0.11			0.14	0.13	0.11	
Avg # of 5.0 m Logs/Tree		3.10	3.10			3.00	3.00	3.11	
Net Immature	%	100.0	100.0			100.0	100.0	100.0	
LRF and Log Summary									
Net Merch - Stud	%	76.9	76.9			51.0	48.3	77.6	
Net Merch - Small Log	%	99.4	99.4			100.0	100.0	99.4	
Net Merch - Large Log	%	0.6	0.6					0.6	
Avg LRF All	bdft/m3					186.7	189.7	177.3	
Statistical Summary									
Coeff. of Variation	%	45.5	45.5			387.3	387.3	49.7	
Two Standard Error	%	16.3	16.3			96.4	144.6	17.8	
Number and Type of Plots		MP = 15	CP = 15						
Number of Potential Trees		77							
Plots/Ha		1.0							
Cruised Trees/Plot		5.5							

FLAGS: Compile All Trees, Dry Belt Fir

License Number: A19042 PSYU: 20 - Cranbrook - 186 Region: 4 - Kootenay Boundary Licencee: Galloway Lumber Co. Ltd Compiled By: Coastfor Enterprises

Cutting Permit: 197 FIZ: F District: 5 - Rocky Mountain Cruised By: Robin Kessler Rob Kitamura, RFT, ATE

Net Area: Type: 7 Description: PL 637-18 Plots in Type: 20 TUs: All : 17.6

		Total	Conifer	Decid.	H	B	S	PL	L
Utilization Limits									
Min DBH	cm (M)				17.5	17.5	17.5	12.50	17.5
Stump Ht	cm (M)				30	30	30	30.00	30
Top Dia	cm (M)				10.0	10.0	10.0	10.00	10.0
Log Len	m				5.0	5.0	5.0	5.00	5.0
Volume and Size Data									
Gross Merchantable	m3	8658	8658		51		63	8545	
Net Merchantable	m3	8158	8158		49		61	8048	
Net Merch - All	m3/ha	464	464		3		3	457	
Distribution	%	100	100		1		1	99	
Decay	%	2	2		1		1	2	
Total Cull (DWB)	%	6	6		4		3	6	
Stems/Ha (Live & DP)		1143.2	1143.2		13.3		8.2	1121.6	
Avg DBH (Live & DP)	cm	23.4	23.4		21.9		27.8	23.3	
Snags/Ha		55.1	55.1					55.1	
Avg Snag DBH	cm	18.6	18.6					18.6	
Gross Merch Vol/Tree	m3	0.43	0.43		0.22		0.43	0.43	
Net Merch Vol/Tree	m3	0.41	0.41		0.21		0.42	0.41	
Avg Weight Total Ht	m	24.5	24.5		16.4		18.9	24.6	
Avg Weight Merch Ht	m	19.0	19.0		10.6		13.8	19.1	
Avg 5.0 m Log Net	m3	0.13	0.13		0.11		0.14	0.13	
Avg 5.0 m Log Gross	m3	0.13	0.13		0.11		0.14	0.13	
Avg # of 5.0 m Logs/Tree		3.29	3.29		2.00		3.00	3.30	
Net Immature	%	100.0	100.0		100.0		100.0	100.0	
LRF and Log Summary									
Net Merch - Stud	%	63.1	63.1				45.0	63.6	
Net Merch - Small Log	%	98.3	98.3		100.0		100.0	98.2	
Net Merch - Large Log	%	1.7	1.7					1.8	
Avg LRF All	bdft/m3				163.1		190.1	183.5	
Statistical Summary									
Coeff. of Variation	%	35.4	35.4		447.2		447.2	36.0	
Two Standard Error	%	16.6	16.6		209.3		209.3	16.8	
Number and Type of Plots	MP = 20 CP = 0								
Number of Potential Trees	98								
Plots/Ha	1.1								
Cruised Trees/Plot	5.0								

FLAGS: Compile All Trees, Dry Belt Fir

License Number: A19042 PSYU: 20 - Cranbrook - 186 Region: 4 - Kootenay Boundary Licencee: Galloway Lumber Co. Ltd Compiled By: Coastfor Enterprises

Cutting Permit: 197 FIZ: F District: 5 - Rocky Mountain Cruised By: Robin Kessler Rob Kitamura, RFT, ATE

Net Area: Type: 2 Description: PL(LW) 437-18 Plots in Type: 2 TUs: All : 3.0

		Total	Conifer	Decid.	H	B	S	PL	L
Utilization Limits									
Min DBH	cm (M)				17.5	17.5	17.5	12.50	17.5
Stump Ht	cm (M)				30	30	30	30.00	30
Top Dia	cm (M)				10.0	10.0	10.0	10.00	10.0
Log Len	m				5.0	5.0	5.0	5.00	5.0
Volume and Size Data									
Gross Merchantable	m3	1136	1136					1020	116
Net Merchantable	m3	1075	1075					965	110
Net Merch - All	m3/ha	358	358					322	37
Net Merch - Live	m3/ha	344	344					307	37
Net Merch - DP	m3/ha	15	15					15	
Distribution	%	100	100					90	10
Decay	%	2	2					2	2
Total Cull (DWB)	%	5	5					5	5
Stems/Ha (Live & DP)		1641.6	1641.6					1583.1	58.5
Avg DBH (Live & DP)	cm	18.5	18.5					17.9	29.5
Snags/Ha									
Avg Snag DBH	cm								
Gross Merch Vol/Tree	m3	0.23	0.23					0.21	0.66
Net Merch Vol/Tree	m3	0.22	0.22					0.20	0.63
Avg Weight Total Ht	m	22.3	22.3					21.5	29.2
Avg Weight Merch Ht	m	15.5	15.5					14.7	22.6
Avg 5.0 m Log Net	m3	0.09	0.09					0.09	0.13
Avg 5.0 m Log Gross	m3	0.09	0.09					0.09	0.13
Avg # of 5.0 m Logs/Tree		2.49	2.49					2.40	5.00
Net Immature	%	100.0	100.0					100.0	100.0
Burn Volume	%								
Heavy Burn Volume	%								
Blowdown Volume	%								
Insect Volume	%								
LRF and Log Summary									
Net Merch - Stud	%	92.0	92.0					95.0	65.3
Net Merch - Small Log	%	100.0	100.0					100.0	100.0
Net Merch - Large Log	%								
Avg LRF All	bdf/m3							169.4	184.1
Statistical Summary									
Coeff. of Variation	%	8.3	8.3					25.4	141.4
Two Standard Error	%	74.1	74.1					228.1	1270.6
Number and Type of Plots		MP = 2	CP = 0						
Number of Potential Trees		11							
Plots/Ha		0.7							
Cruised Trees/Plot		5.5							

FLAGS: Compile All Trees, Dry Belt Fir

		Total	Conifer	Decid.	H	B	S	PL	L
Utilization Limits									
Min DBH	cm (M)				17.5	17.5	17.5	12.50	17.5
Stump Ht	cm (M)				30	30	30	30.00	30
Top Dia	cm (M)				10.0	10.0	10.0	10.00	10.0
Log Len	m				5.0	5.0	5.0	5.00	5.0
Volume and Size Data									
Gross Merchantable	m3	1916	1916			654	294	968	
Net Merchantable	m3	1828	1828			627	282	920	
Net Merch - All	m3/ha	457	457			157	70	230	
Net Merch - Live	m3/ha	453	453			157	70	226	
Net Merch - DP	m3/ha	4	4					4	
Distribution	%	100	100			34	15	50	
Decay	%	2	2			2	2	2	
Total Cull (DWB)	%	5	5			4	4	5	
Stems/Ha (Live & DP)		1024.3	1024.3			396.1	187.9	440.4	
Avg DBH (Live & DP)	cm	24.9	24.9			24.3	23.8	26.0	
Snags/Ha		167.4	167.4			30.7		136.7	
Avg Snag DBH	cm	19.5	19.5			26.3		17.6	
Gross Merch Vol/Tree	m3	0.47	0.47			0.41	0.39	0.55	
Net Merch Vol/Tree	m3	0.45	0.45			0.40	0.37	0.52	
Avg Weight Total Ht	m	24.3	24.3			23.1	24.1	25.3	
Avg Weight Merch Ht	m	18.6	18.6			16.6	18.0	20.1	
Avg 5.0 m Log Net	m3	0.14	0.14			0.13	0.15	0.16	
Avg 5.0 m Log Gross	m3	0.15	0.15			0.13	0.15	0.16	
Avg # of 5.0 m Logs/Tree		3.17	3.17			3.13	2.60	3.46	
Net Immature	%	100.0	100.0			100.0	100.0	100.0	
Burn Volume	%								
Heavy Burn Volume	%								
Blowdown Volume	%								
Insect Volume	%								
LRF and Log Summary									
Net Merch - Stud	%	56.7	56.7			71.3	63.4	44.6	
Net Merch - Small Log	%	96.2	96.2			95.9	84.3	100.0	
Net Merch - Large Log	%	3.8	3.8			4.1	15.7		
Avg LRF All	bdft/m3					180.7	187.4	188.8	
Statistical Summary									
Coeff. of Variation	%	25.6	25.6			105.7	140.9	106.9	
Two Standard Error	%	26.8	26.8			111.0	147.9	112.2	
Number and Type of Plots		MP = 6	CP = 0						
Number of Potential Trees		30							
Plots/Ha		1.5							
Cruised Trees/Plot		5.0							

FLAGS: Compile All Trees, Dry Belt Fir

License Number: A19042 PSYU: 20 - Cranbrook - 186 Region: 4 - Kootenay Boundary Licencee: Galloway Lumber Co. Ltd Compiled By: Coastfor Enterprises

Cutting Permit: 197 FIZ: F District: 5 - Rocky Mountain Cruised By: Robin Kessler Rob Kitamura, RFT, ATE

Net Area: Type: 6 Description: PL 637-17 Plots in Type: 30 TUs: All : 29.1

		Total	Conifer	Decid.	H	B	S	PL	L
Utilization Limits									
Min DBH	cm (M)				17.5	17.5	17.5	12.50	17.5
Stump Ht	cm (M)				30	30	30	30.00	30
Top Dia	cm (M)				10.0	10.0	10.0	10.00	10.0
Log Len	m				5.0	5.0	5.0	5.00	5.0
Volume and Size Data									
Gross Merchantable	m3	15099	15099			240	149	14710	
Net Merchantable	m3	14372	14372			231	146	13995	
Net Merch - All	m3/ha	494	494			8	5	481	
Net Merch - Live	m3/ha	480	480			8	5	467	
Net Merch - DP	m3/ha	14	14					14	
Distribution	%	100	100			2	1	97	
Decay	%	2	2			2		2	
Total Cull (DWB)	%	5	5			4	2	5	
Stems/Ha (Live & DP)		1539.7	1539.7			19.9	13.2	1506.7	
Avg DBH (Live & DP)	cm	21.3	21.3			25.3	25.4	21.2	
Snags/Ha		9.0	9.0						9.0
Avg Snag DBH	cm	30.7	30.7						30.7
Gross Merch Vol/Tree	m3	0.34	0.34			0.42	0.39	0.34	
Net Merch Vol/Tree	m3	0.32	0.32			0.40	0.38	0.32	
Avg Weight Total Ht	m	23.0	23.0			21.1	20.2	23.1	
Avg Weight Merch Ht	m	17.1	17.1			15.1	14.4	17.1	
Avg 5.0 m Log Net	m3	0.11	0.11			0.14	0.13	0.11	
Avg 5.0 m Log Gross	m3	0.11	0.11			0.14	0.13	0.11	
Avg # of 5.0 m Logs/Tree		3.10	3.10			3.00	3.00	3.11	
Net Immature	%	100.0	100.0			100.0	100.0	100.0	
Burn Volume	%								
Heavy Burn Volume	%								
Blowdown Volume	%	2.8	2.8					2.9	
Insect Volume	%								
LRF and Log Summary									
Net Merch - Stud	%	76.9	76.9			51.0	48.3	77.6	
Net Merch - Small Log	%	99.4	99.4			100.0	100.0	99.4	
Net Merch - Large Log	%	0.6	0.6					0.6	
Avg LRF All	bdfm/m3					186.7	189.7	177.3	
Statistical Summary									
Coeff. of Variation	%	45.5	45.5			387.3	387.3	49.7	
Two Standard Error	%	16.3	16.3			96.4	144.6	17.8	
Number and Type of Plots		MP = 15	CP = 15						
Number of Potential Trees		77							
Plots/Ha		1.0							
Cruised Trees/Plot		5.5							

FLAGS: Compile All Trees, Dry Belt Fir

		Total	Conifer	Decid.	H	B	S	PL	L
Utilization Limits									
Min DBH	cm (M)				17.5	17.5	17.5	12.50	17.5
Stump Ht	cm (M)				30	30	30	30.00	30
Top Dia	cm (M)				10.0	10.0	10.0	10.00	10.0
Log Len	m				5.0	5.0	5.0	5.00	5.0
Volume and Size Data									
Gross Merchantable	m3	8658	8658		51		63	8545	
Net Merchantable	m3	8158	8158		49		61	8048	
Net Merch - All	m3/ha	464	464		3		3	457	
Net Merch - Live	m3/ha	444	444		3		3	438	
Net Merch - DP	m3/ha	19	19					19	
Distribution	%	100	100		1		1	99	
Decay	%	2	2		1		1	2	
Total Cull (DWB)	%	6	6		4		3	6	
Stems/Ha (Live & DP)		1143.2	1143.2		13.3		8.2	1121.6	
Avg DBH (Live & DP)	cm	23.4	23.4		21.9		27.8	23.3	
Snags/Ha		55.1	55.1					55.1	
Avg Snag DBH	cm	18.6	18.6					18.6	
Gross Merch Vol/Tree	m3	0.43	0.43		0.22		0.43	0.43	
Net Merch Vol/Tree	m3	0.41	0.41		0.21		0.42	0.41	
Avg Weight Total Ht	m	24.5	24.5		16.4		18.9	24.6	
Avg Weight Merch Ht	m	19.0	19.0		10.6		13.8	19.1	
Avg 5.0 m Log Net	m3	0.13	0.13		0.11		0.14	0.13	
Avg 5.0 m Log Gross	m3	0.13	0.13		0.11		0.14	0.13	
Avg # of 5.0 m Logs/Tree		3.29	3.29		2.00		3.00	3.30	
Net Immature	%	100.0	100.0		100.0		100.0	100.0	
Burn Volume	%								
Heavy Burn Volume	%								
Blowdown Volume	%	0.7	0.7					0.7	
Insect Volume	%								
LRF and Log Summary									
Net Merch - Stud	%	63.1	63.1				45.0	63.6	
Net Merch - Small Log	%	98.3	98.3		100.0		100.0	98.2	
Net Merch - Large Log	%	1.7	1.7					1.8	
Avg LRF All	bdft/m3				163.1		190.1	183.5	
Statistical Summary									
Coeff. of Variation	%	35.4	35.4		447.2		447.2	36.0	
Two Standard Error	%	16.6	16.6		209.3		209.3	16.8	
Number and Type of Plots	MP = 20	CP = 0							
Number of Potential Trees	98								
Plots/Ha	1.1								
Cruised Trees/Plot	5.0								

FLAGS: Compile All Trees, Dry Belt Fir

Volume and Size Data		Total	Normal	E-Down
Gross Merchantable	m3	14710	14119	590
Net Merchantable	m3	13995	13594	401
Net Merch - All	m3/ha	481	467	14
Distribution	%	100	97	3
Decay	%	2	2	2
Total Cull (DWB)	%	5	4	32
Stems/Ha (Live & DP)		1506.7	1457.5	49.2
Avg DBH (Live & DP)	cm	21.2	21.1	23.5
Snags/Ha				
Avg Snag DBH	cm			
Gross Merch Vol/Tree	m3	0.34	0.33	0.41
Net Merch Vol/Tree	m3	0.32	0.32	0.28
Avg Weight Total Ht	m	23.1	23.1	22.7
Avg Weight Merch Ht	m	17.1	17.1	17.0
Avg 5.0 m Log Net	m3	0.11	0.11	0.13
Avg 5.0 m Log Gross	m3	0.11	0.11	0.13
Avg # of 5.0 m Logs/Tree		3.11	3.10	3.21
LRF and Log Summary				
Net Merch - Stud	%	77.6	77.6	75.5
Net Merch - Small Log	%	99.4	99.4	100.0
Net Merch - Large Log	%	0.6	0.6	
Avg LRF All	bdf/m3	177.3	177.3	177.5

FLAGS: Compile All Trees, Dry Belt Fir

Volume and Size Data		Total	Normal	E-Down
Gross Merchantable	m3	8545	8456	88
Net Merchantable	m3	8048	7988	60
Net Merch - All	m3/ha	457	454	3
Distribution	%	100	99	1
Decay	%	2	2	2
Total Cull (DWB)	%	6	6	32
Stems/Ha (Live & DP)		1121.6	1112.3	9.3
Avg DBH (Live & DP)	cm	23.3	23.3	26.1
Snags/Ha		55.1	55.1	
Avg Snag DBH	cm	18.6	18.6	
Gross Merch Vol/Tree	m3	0.43	0.43	0.54
Net Merch Vol/Tree	m3	0.41	0.41	0.37
Avg Weight Total Ht	m	24.6	24.6	23.7
Avg Weight Merch Ht	m	19.1	19.1	18.5
Avg 5.0 m Log Net	m3	0.13	0.13	0.13
Avg 5.0 m Log Gross	m3	0.13	0.13	0.13
Avg # of 5.0 m Logs/Tree		3.30	3.30	4.00
LRF and Log Summary				
Net Merch - Stud	%	63.6	63.6	58.4
Net Merch - Small Log	%	98.2	98.2	100.0
Net Merch - Large Log	%	1.8	1.8	
Avg LRF All	bdf/m3	183.5	183.5	182.5

FLAGS: Compile All Trees, Dry Belt Fir

License Number: A19042 PSYU: 20 - Cranbrook - 186 Region: 4 - Kootenay Boundary Licencee: Galloway Lumber Co. Ltd Compiled By: Coastfor Enterprises

Cutting Permit: 197 FIZ: F District: 5 - Rocky Mountain Cruised By: Robin Kessler Rob Kitamura, RFT, ATE

Net Area: Type: 2 (M) Description: PL(LW) 437-18 Plots in Type: 2 TUs: All : 3.0

		H	B	S	PL	L	Total	DP	DU	LU
Utilization Limits										
Min DBH	cm (M)	17.5	17.5	17.5	12.50	17.5				
Stump Ht	cm (M)	30	30	30	30.00	30				
Top Dia	cm (M)	10.0	10.0	10.0	10.00	10.0				
Log Len	m	5.0	5.0	5.0	5.00	5.0				
DBH Class										
10										
15					12.0		12.0	4.0		
20					16.0		16.0			
25					8.0		8.0			
30						4.0	4.0			
35										
40										
45										
50										
55										
60										
65										
70										
75										
80										
85										
90										
95										
100										
105										
110										
115										
120										
125										
130										
135										
140										
145										
150										
175										
200										
225										
250										
275										
Total					36.0	4.0	40.0			
Dead P					4.0			4.0		
Dead U										
Live U										
Total Basal Area per Hectare at Five Levels										
12.5+					36.0	4.0	40.0	4.0		
17.5+					24.0	4.0	28.0			
22.5+					8.0	4.0	12.0			
27.5+						4.0	4.0			
32.5+										

FLAGS: Compile All Trees, Dry Belt Fir

License Number: A19042 PSYU: 20 - Cranbrook - 186 Region: 4 - Kootenay Boundary Licencee: Galloway Lumber Co. Ltd Compiled By: Coastfor Enterprises

Cutting Permit: 197 FIZ: F District: 5 - Rocky Mountain Cruised By: Robin Kessler Rob Kitamura, RFT, ATE

Net Area: Type: 4 (M) Description: PL(SE) 637-17 Plots in Type: 6 TUs: All : 4.0

		H	B	S	PL	L	Total	DP	DU	LU
Utilization Limits										
Min DBH	cm (M)	17.5	17.5	17.5	12.50	17.5				
Stump Ht	cm (M)	30	30	30	30.00	30				
Top Dia	cm (M)	10.0	10.0	10.0	10.00	10.0				
Log Len	m	5.0	5.0	5.0	5.00	5.0				
DBH Class										
10										
15									1.7	
20			8.3	3.3	3.3		15.0	1.7	1.7	
25			5.0	1.7	5.0		11.7		1.7	
30			3.3	1.7	11.7		16.7			
35					1.7		1.7			
40			1.7				1.7			
45										
50				1.7			1.7			
55										
60										
65										
70										
75										
80										
85										
90										
95										
100										
105										
110										
115										
120										
125										
130										
135										
140										
145										
150										
175										
200										
225										
250										
275										
Total			18.3	8.3	21.7		48.3			
Dead P					1.7			1.7		
Dead U			1.7		3.3				5.0	
Live U										
Total Basal Area per Hectare at Five Levels										
12.5+			18.3	8.3	21.7		48.3	1.7	5.0	
17.5+			18.3	8.3	21.7		48.3	1.7	3.3	
22.5+			10.0	5.0	18.3		33.3		1.7	
27.5+			5.0	3.3	13.3		21.7			
32.5+			1.7	1.7	1.7		5.0			

FLAGS: Compile All Trees, Dry Belt Fir

License Number: A19042 PSYU: 20 - Cranbrook - 186 Region: 4 - Kootenay Boundary Licencee: Galloway Lumber Co. Ltd Compiled By: Coastfor Enterprises

Cutting Permit: 197 FIZ: F District: 5 - Rocky Mountain Cruised By: Robin Kessler Rob Kitamura, RFT, ATE

Net Area: Type: 6 (M) Description: PL 637-17 Plots in Type: 30 TUs: All : 29.1

		H	B	S	PL	L	Total	DP	DU	LU
Utilization Limits										
Min DBH	cm (M)	17.5	17.5	17.5	12.50	17.5				
Stump Ht	cm (M)	30	30	30	30.00	30				
Top Dia	cm (M)	10.0	10.0	10.0	10.00	10.0				
Log Len	m	5.0	5.0	5.0	5.00	5.0				
DBH Class										
10										
15					7.8		7.8			
20					14.9		14.9	0.7		
25			1.0	0.7	18.5		20.2	0.7		
30					9.2		9.2	0.7	0.7	
35					0.7		0.7			
40										
45										
50										
55										
60										
65										
70										
75										
80										
85										
90										
95										
100										
105										
110										
115										
120										
125										
130										
135										
140										
145										
150										
175										
200										
225										
250										
275										
Total			1.0	0.7	51.2		52.9			
Dead P					2.1			2.1		
Dead U						0.7			0.7	
Live U										
Total Basal Area per Hectare at Five Levels										
12.5+			1.0	0.7	51.2		52.9	2.1	0.7	
17.5+			1.0	0.7	43.4		45.0	2.1	0.7	
22.5+			1.0	0.7	28.4		30.1	1.4	0.7	
27.5+					10.0		10.0	0.7	0.7	
32.5+					0.7		0.7			

FLAGS: Compile All Trees, Dry Belt Fir

License Number: A19042 PSYU: 20 - Cranbrook - 186 Region: 4 - Kootenay Boundary Licencee: Galloway Lumber Co. Ltd Compiled By: Coastfor Enterprises

Cutting Permit: 197 FIZ: F District: 5 - Rocky Mountain Cruised By: Robin Kessler Rob Kitamura, RFT, ATE

Net Area: Type: 7 (M) Description: PL 637-18 Plots in Type: 20 TUs: All : 17.6

		H	B	S	PL	L	Total	DP	DU	LU
Utilization Limits										
Min DBH	cm (M)	17.5	17.5	17.5	12.50	17.5				
Stump Ht	cm (M)	30	30	30	30.00	30				
Top Dia	cm (M)	10.0	10.0	10.0	10.00	10.0				
Log Len	m	5.0	5.0	5.0	5.00	5.0				
DBH Class										
10										
15					3.0		3.0	1.5		0.5
20		0.5			7.0		7.5	1.5		
25					19.0		19.0	1.0		
30				0.5	9.5		10.0		1.0	
35					5.0		5.0			
40					0.5		0.5			
45										
50										
55										
60										
65										
70										
75										
80										
85										
90										
95										
100										
105										
110										
115										
120										
125										
130										
135										
140										
145										
150										
175										
200										
225										
250										
275										
Total		0.5		0.5	44.0		45.0			
Dead P					4.0			4.0		
Dead U					1.0				1.0	
Live U					0.5					0.5
Total Basal Area per Hectare at Five Levels										
12.5+		0.5		0.5	44.0		45.0	4.0	1.0	0.5
17.5+		0.5		0.5	41.0		42.0	2.5	1.0	
22.5+				0.5	34.0		34.5	1.0	1.0	
27.5+				0.5	15.0		15.5		1.0	
32.5+					5.5		5.5			

FLAGS: Compile All Trees, Dry Belt Fir

License Number: A19042 PSYU: 20 - Cranbrook - 186 Region: 4 - Kootenay Boundary Licencee: Galloway Lumber Co. Ltd Compiled By: Coastfor Enterprises

Cutting Permit: 197 FIZ: F District: 5 - Rocky Mountain Cruised By: Robin Kessler Rob Kitamura, RFT, ATE

Net Area: Type: 2 Description: PL(LW) 437-18 Plots in Type: 2 TUs: All : 3.0

		H	B	S	PL	L	Total	DP	DU	LU
Utilization Limits										
Min DBH	cm (M)	17.5	17.5	17.5	12.50	17.5				
Stump Ht	cm (M)	30	30	30	30.00	30				
Top Dia	cm (M)	10.0	10.0	10.0	10.00	10.0				
Log Len	m	5.0	5.0	5.0	5.00	5.0				
DBH Class										
10										
15					605.1		605.1	301.4		
20					500.4		500.4			
25					176.1		176.1			
30						58.5	58.5			
35										
40										
45										
50										
55										
60										
65										
70										
75										
80										
85										
90										
95										
100										
105										
110										
115										
120										
125										
130										
135										
140										
145										
150										
175										
200										
225										
250										
275										
Total					1281.7	58.5	1340.2			
Dead P					301.4			301.4		
Dead U										
Live U										
Average DBH at Five Levels										
12.5+					18.9	29.5	19.5	13.0		
17.5+					21.3	29.5	22.0			
22.5+					24.0	29.5	25.5			
27.5+						29.5	29.5			
32.5+										

FLAGS: Compile All Trees, Dry Belt Fir

License Number: A19042 PSYU: 20 - Cranbrook - 186 Region: 4 - Kootenay Boundary Licencee: Galloway Lumber Co. Ltd Compiled By: Coastfor Enterprises

Cutting Permit: 197 FIZ: F District: 5 - Rocky Mountain Cruised By: Robin Kessler Rob Kitamura, RFT, ATE

Net Area: Type: 4 Description: PL(SE) 637-17 Plots in Type: 6 TUs: All : 4.0

		H	B	S	PL	L	Total	DP	DU	LU
Utilization Limits										
Min DBH	cm (M)	17.5	17.5	17.5	12.50	17.5				
Stump Ht	cm (M)	30	30	30	30.00	30				
Top Dia	cm (M)	10.0	10.0	10.0	10.00	10.0				
Log Len	m	5.0	5.0	5.0	5.00	5.0				
DBH Class										
10										
15									77.9	
20			235.6	115.8	100.1		451.4	60.7	58.8	
25			95.3	41.2	86.3		222.8		30.7	
30			51.8	21.5	173.6		247.0			
35					19.7		19.7			
40			13.3				13.3			
45										
50				9.4			9.4			
55										
60										
65										
70										
75										
80										
85										
90										
95										
100										
105										
110										
115										
120										
125										
130										
135										
140										
145										
150										
175										
200										
225										
250										
275										
Total			396.1	187.9	379.7		963.6			
Dead P					60.7			60.7		
Dead U			30.7		136.7				167.4	
Live U										
Average DBH at Five Levels										
12.5+			24.3	23.8	27.0		25.3	18.7	19.5	
17.5+			24.3	23.8	27.0		25.3	18.7	21.8	
22.5+			28.2	29.7	28.9		28.8		26.3	
27.5+			31.3	37.0	29.6		30.9			
32.5+			39.9	47.5	32.8		38.7			

FLAGS: Compile All Trees, Dry Belt Fir

		H	B	S	PL	L	Total	DP	DU	LU
Utilization Limits										
Min DBH	cm (M)	17.5	17.5	17.5	12.50	17.5				
Stump Ht	cm (M)	30	30	30	30.00	30				
Top Dia	cm (M)	10.0	10.0	10.0	10.00	10.0				
Log Len	m	5.0	5.0	5.0	5.00	5.0				
DBH Class										
10										
15					420.5		420.5			
20					495.4		495.4	22.4		
25			19.9	13.2	401.4		434.5	16.4		
30					133.2		133.2	10.4	9.0	
35					7.0		7.0			
40										
45										
50										
55										
60										
65										
70										
75										
80										
85										
90										
95										
100										
105										
110										
115										
120										
125										
130										
135										
140										
145										
150										
175										
200										
225										
250										
275										
Total			19.9	13.2	1457.5		1490.5			
Dead P					49.2			49.2		
Dead U						9.0			9.0	
Live U										
Average DBH at Five Levels										
12.5+			25.3	25.4	21.1		21.3	23.5	30.7	
17.5+			25.3	25.4	23.1		23.2	23.5	30.7	
22.5+			25.3	25.4	25.9		25.8	26.0	30.7	
27.5+					30.1		30.1	29.5	30.7	
32.5+					36.0		36.0			

FLAGS: Compile All Trees, Dry Belt Fir

		H	B	S	PL	L	Total	DP	DU	LU
Utilization Limits										
Min DBH	cm (M)	17.5	17.5	17.5	12.50	17.5				
Stump Ht	cm (M)	30	30	30	30.00	30				
Top Dia	cm (M)	10.0	10.0	10.0	10.00	10.0				
Log Len	m	5.0	5.0	5.0	5.00	5.0				
DBH Class										
10										
15					155.8		155.8	92.3		40.1
20		13.3			218.1		231.4	48.5		
25					390.5		390.5	20.0		
30				8.2	139.4		147.6		15.0	
35					52.6		52.6			
40					4.5		4.5			
45										
50										
55										
60										
65										
70										
75										
80										
85										
90										
95										
100										
105										
110										
115										
120										
125										
130										
135										
140										
145										
150										
175										
200										
225										
250										
275										
Total		13.3		8.2	960.9		982.4			
Dead P					160.7			160.7		
Dead U					15.0				15.0	
Live U					40.1					40.1
Average DBH at Five Levels										
12.5+		21.9		27.8	24.1		24.1	17.8	29.1	12.6
17.5+		21.9		27.8	25.5		25.4	21.6	29.1	
22.5+				27.8	27.2		27.2	25.3	29.1	
27.5+				27.8	31.2		31.1		29.1	
32.5+					35.0		35.0			

FLAGS: Compile All Trees, Dry Belt Fir

		H	B	S	PL	L	Total	DP	DU	LU
Utilization Limits										
Min DBH	cm (M)	17.5	17.5	17.5	12.50	17.5				
Stump Ht	cm (M)	30	30	30	30.00	30				
Top Dia	cm (M)	10.0	10.0	10.0	10.00	10.0				
Log Len	m	5.0	5.0	5.0	5.00	5.0				
DBH Class										
10										
15					84.9		84.9	14.7		
20					145.9		145.9			
25					76.2		76.2			
30						36.8	36.8			
35										
40										
45										
50										
55										
60										
65										
70										
75										
80										
85										
90										
95										
100										
105										
110										
115										
120										
125										
130										
135										
140										
145										
150										
175										
200										
225										
250										
275										
Total					307.0	36.8	343.8			
Dead P					14.7			14.7		
Dead U										
Live U										
Total Volumes (Living)										
17.5+					222.1	36.8	258.9			
22.5+					76.2	36.8	113.0			
27.5+						36.8	36.8			
32.5+										
37.5+										
42.5+										
47.5										

FLAGS: Compile All Trees, Dry Belt Fir

		H	B	S	PL	L	Total	DP	DU	LU
Utilization Limits										
Min DBH	cm (M)	17.5	17.5	17.5	12.50	17.5				
Stump Ht	cm (M)	30	30	30	30.00	30				
Top Dia	cm (M)	10.0	10.0	10.0	10.00	10.0				
Log Len	m	5.0	5.0	5.0	5.00	5.0				
DBH Class										
10										
15									6.5	
20			65.9	22.6	30.6		119.1	4.5	4.5	
25			46.2	13.9	53.4		113.6		7.1	
30			29.1	16.8	122.3		168.1			
35					19.2		19.2			
40			15.5				15.5			
45										
50				17.1			17.1			
55										
60										
65										
70										
75										
80										
85										
90										
95										
100										
105										
110										
115										
120										
125										
130										
135										
140										
145										
150										
175										
200										
225										
250										
275										
Total			156.7	70.4	225.5		452.6			
Dead P					4.5			4.5		
Dead U			7.1		11.1				18.2	
Live U										
Total Volumes (Living)										
17.5+			156.7	70.4	225.5		452.6	4.5	11.6	
22.5+			90.8	47.8	194.9		333.5		7.1	
27.5+			44.6	33.8	141.5		219.9			
32.5+			15.5	17.1	19.2		51.8			
37.5+			15.5	17.1			32.6			
42.5+				17.1			17.1			
47.5				17.1			17.1			

FLAGS: Compile All Trees, Dry Belt Fir

License Number: A19042 PSYU: 20 - Cranbrook - 186 Region: 4 - Kootenay Boundary Licencee: Galloway Lumber Co. Ltd Compiled By: Coastfor Enterprises

Cutting Permit: 197 FIZ: F District: 5 - Rocky Mountain Cruised By: Robin Kessler Rob Kitamura, RFT, ATE

Net Area: Type: 6 Description: PL 637-17 Plots in Type: 30 TUs: All : 29.1

		H	B	S	PL	L	Total	DP	DU	LU
Utilization Limits										
Min DBH	cm (M)	17.5	17.5	17.5	12.50	17.5				
Stump Ht	cm (M)	30	30	30	30.00	30				
Top Dia	cm (M)	10.0	10.0	10.0	10.00	10.0				
Log Len	m	5.0	5.0	5.0	5.00	5.0				
DBH Class										
10										
15					56.0		56.0			
20					130.8		130.8	4.8		
25			7.9	5.0	181.6		194.5	4.5		
30					90.6		90.6	4.5	1.8	
35					8.1		8.1			
40										
45										
50										
55										
60										
65										
70										
75										
80										
85										
90										
95										
100										
105										
110										
115										
120										
125										
130										
135										
140										
145										
150										
175										
200										
225										
250										
275										
Total			7.9	5.0	467.2		480.1			
Dead P					13.8			13.8		
Dead U						1.8			1.8	
Live U										
Total Volumes (Living)										
17.5+			7.9	5.0	411.2		424.1	13.8	1.8	
22.5+			7.9	5.0	280.4		293.3	9.0	1.8	
27.5+					98.8		98.8	4.5	1.8	
32.5+					8.1		8.1			
37.5+										
42.5+										
47.5										

FLAGS: Compile All Trees, Dry Belt Fir

		H	B	S	PL	L	Total	DP	DU	LU
Utilization Limits										
Min DBH	cm (M)	17.5	17.5	17.5	12.50	17.5				
Stump Ht	cm (M)	30	30	30	30.00	30				
Top Dia	cm (M)	10.0	10.0	10.0	10.00	10.0				
Log Len	m	5.0	5.0	5.0	5.00	5.0				
DBH Class										
10										
15					23.6		23.6	5.2		
20		2.8			62.5		65.3	7.4		
25					191.4		191.4	6.7		
30				3.5	99.4		102.9		2.2	
35					55.5		55.5			
40					5.6		5.6			
45										
50										
55										
60										
65										
70										
75										
80										
85										
90										
95										
100										
105										
110										
115										
120										
125										
130										
135										
140										
145										
150										
175										
200										
225										
250										
275										
Total		2.8		3.5	438.0		444.3			
Dead P					19.3			19.3		
Dead U					2.2				2.2	
Live U										
Total Volumes (Living)										
17.5+		2.8		3.5	414.4		420.6	14.1	2.2	
22.5+				3.5	351.9		355.4	6.7	2.2	
27.5+				3.5	160.5		164.0		2.2	
32.5+					61.1		61.1			
37.5+					5.6		5.6			
42.5+										
47.5										

FLAGS: Compile All Trees, Dry Belt Fir

License Number: A19042 PSYU: 20 - Cranbrook - 186 Region: 4 - Kootenay Boundary Licencee: Galloway Lumber Co. Ltd Compiled By: Coastfor Enterprises

Cutting Permit: 197 FIZ: F District: 5 - Rocky Mountain Cruised By: Robin Kessler Rob Kitamura, RFT, ATE

Net Area: Type: 2 (M) Description: PL(LW) 437-18 Species: Larch TUs: A - A : 3.00 Plots in Type: 2(M) 0 (C) Trees in Type: 1(L) 0 (D)

DBH Class (CM)	HT (M)	Average		Living Trees			Dead Potential	Total	Live Veterans	Dead U	Live U
		Gross Merch. Per Tree (M3)	Net Merch. Per Tree (M3)	Risk Group 1	Risk Group 2	Risk Group 3					
10											
15											
20											
25											
30	29.2	0.662	0.629		58.52			58.52			
35											
40											
45											
50											
55											
60											
65											
70											
75											
80											
85											
90											
95											
100											
105											
110											
115											
120											
125											
130											
135											
140											
145											
150											
175											
200											
225											
250											
275											
Total of Averages					58.52			58.52			
Percent by Risk Group					100.00			100.00			
Average DBH at 5 Levels											
			Trees 12.5+		29.50			29.50			
			Trees 17.5+		29.50			29.50			
			Trees 22.5+		29.50			29.50			
			Trees 27.5+		29.50			29.50			
			Trees 32.5+								

FLAGS: Compile All Trees, Dry Belt Fir

License Number: A19042 PSYU: 20 - Cranbrook - 186 Region: 4 - Kootenay Boundary Licencee: Galloway Lumber Co. Ltd Compiled By: Coastfor Enterprises

Cutting Permit: 197 FIZ: F District: 5 - Rocky Mountain Cruised By: Robin Kessler Rob Kitamura, RFT, ATE

Net Area: Type: 2 (M) Description: PL(LW) 437-18 Species: Lodgepole Pine TUs: A - A : 3.00 Plots in Type: 2(M) 0 (C) Trees in Type: 9(L) 1 (D)

DBH Class (CM)	Average			Living Trees							
	HT (M)	Gross Merch. Per Tree (M3)	Net Merch. Per Tree (M3)	Risk Group 1	Risk Group 2	Risk Group 3	Dead Potential	Total	Live Veterans	Dead U	Live U
10											
15	19.3	0.121	0.110		605.14		301.36	906.50			
20	22.5	0.302	0.292		500.44			500.44			
25	23.4	0.451	0.433		176.11			176.11			
30											
35											
40											
45											
50											
55											
60											
65											
70											
75											
80											
85											
90											
95											
100											
105											
110											
115											
120											
125											
130											
135											
140											
145											
150											
175											
200											
225											
250											
275											
Total of Averages					1281.69		301.36	1583.05			
Percent by Risk Group					80.96		19.04	100.00			
Average DBH at 5 Levels											
			Trees 12.5+		18.91		13.00	17.94			
			Trees 17.5+		21.25			21.25			
			Trees 22.5+		24.05			24.05			
			Trees 27.5+								
			Trees 32.5+								

FLAGS: Compile All Trees, Dry Belt Fir

License Number: A19042 PSYU: 20 - Cranbrook - 186 Region: 4 - Kootenay Boundary Licencee: Galloway Lumber Co. Ltd Compiled By: Coastfor Enterprises

Cutting Permit: 197 FIZ: F District: 5 - Rocky Mountain Cruised By: Robin Kessler Rob Kitamura, RFT, ATE

Net Area: Type: 4 (M) Description: PL(SE) 637-17 Species: Balsam TUs: A - A : 4.00 Plots in Type: 6(M) 0 (C) Trees in Type: 11(L) 1 (D)

DBH Class (CM)	HT (M)	Average		Living Trees			Dead Potential	Total	Live Veterans	Dead U	Live U
		Gross Merch. Per Tree (M3)	Net Merch. Per Tree (M3)	Risk Group 1	Risk Group 2	Risk Group 3					
10											
15											
20	21.1	0.289	0.280	141.98	93.60			235.58			
25	24.3	0.502	0.485	65.56	29.77			95.33		30.68	
30	23.5	0.593	0.561	24.38	27.46			51.84			
35											
40	25.8	1.254	1.166		13.33			13.33			
45											
50											
55											
60											
65											
70											
75											
80											
85											
90											
95											
100											
105											
110											
115											
120											
125											
130											
135											
140											
145											
150											
175											
200											
225											
250											
275											
Total of Averages				231.93	164.16			396.08		30.68	
Percent by Risk Group				58.55	41.45			100.00		7.75	
Average DBH at 5 Levels											
Trees 12.5+				23.43	25.42			24.43		26.30	
Trees 17.5+				23.43	25.42			24.43		26.30	
Trees 22.5+				26.60	30.04			27.87		26.30	
Trees 27.5+				29.50	32.26			31.25			
Trees 32.5+					39.90			39.90			

FLAGS: Compile All Trees, Dry Belt Fir

License Number: A19042 PSYU: 20 - Cranbrook - 186 Region: 4 - Kootenay Boundary Licencee: Galloway Lumber Co. Ltd Compiled By: Coastfor Enterprises

Cutting Permit: 197 FIZ: F District: 5 - Rocky Mountain Cruised By: Robin Kessler Rob Kitamura, RFT, ATE

Net Area: Type: 4 (M) Description: PL(SE) 637-17 Species: Spruce TUs: A - A : 4.00 Plots in Type: 6(M) 0 (C) Trees in Type: 5(L) 0 (D)

DBH Class (CM)	HT (M)	Average		Living Trees			Dead Potential	Total	Live Veterans	Dead U	Live U
		Gross Merch. Per Tree (M3)	Net Merch. Per Tree (M3)	Risk Group 1	Risk Group 2	Risk Group 3					
10											
15											
20	19.2	0.204	0.195		115.75			115.75			
25	22.6	0.349	0.338	41.18				41.18			
30	27.1	0.804	0.779	21.52				21.52			
35											
40											
45											
50	29.6	1.930	1.815		9.41			9.41			
55											
60											
65											
70											
75											
80											
85											
90											
95											
100											
105											
110											
115											
120											
125											
130											
135											
140											
145											
150											
175											
200											
225											
250											
275											
Total of Averages				62.70	125.16			187.86			
Percent by Risk Group				33.38	66.62			100.00			
Average DBH at 5 Levels											
Trees 12.5+				26.02	22.55			23.77			
Trees 17.5+				26.02	22.55			23.77			
Trees 22.5+				26.02	47.50			29.71			
Trees 27.5+				31.40	47.50			37.04			
Trees 32.5+					47.50			47.50			

FLAGS: Compile All Trees, Dry Belt Fir

License Number: A19042 PSYU: 20 - Cranbrook - 186 Region: 4 - Kootenay Boundary Licencee: Galloway Lumber Co. Ltd Compiled By: Coastfor Enterprises

Cutting Permit: 197 FIZ: F District: 5 - Rocky Mountain Cruised By: Robin Kessler Rob Kitamura, RFT, ATE

Net Area: Type: 4 (M) Description: PL(SE) 637-17 Species: Lodgepole Pine TUs: A - A : 4.00 Plots in Type: 6(M) 0 (C) Trees in Type: 13(L) 3 (D)

DBH Class (CM)	HT (M)	Average		Living Trees			Dead Potential	Total	Live Veterans	Dead U	Live U
		Gross Merch. Per Tree (M3)	Net Merch. Per Tree (M3)	Risk Group 1	Risk Group 2	Risk Group 3					
10											
15										77.95	
20	18.6	0.238	0.218		100.08		60.68	160.76		58.78	
25	26.0	0.645	0.619		86.28			86.28			
30	26.0	0.740	0.704		173.59			173.59			
35	28.1	1.000	0.973	19.72				19.72			
40											
45											
50											
55											
60											
65											
70											
75											
80											
85											
90											
95											
100											
105											
110											
115											
120											
125											
130											
135											
140											
145											
150											
175											
200											
225											
250											
275											
Total of Averages				19.72	359.95		60.68	440.35		136.73	
Percent by Risk Group				4.48	81.74		13.78	100.00		31.05	
Average DBH at 5 Levels											
Trees 12.5+				32.80	26.60		18.70	24.26		17.62	
Trees 17.5+				32.80	26.60		18.70	25.25		19.00	
Trees 22.5+				32.80	28.58			28.89			
Trees 27.5+				32.80	29.25			29.63			
Trees 32.5+				32.80				32.80			

FLAGS: Compile All Trees, Dry Belt Fir

License Number: A19042 PSYU: 20 - Cranbrook - 186 Region: 4 - Kootenay Boundary Licencee: Galloway Lumber Co. Ltd Compiled By: Coastfor Enterprises

Cutting Permit: 197 FIZ: F District: 5 - Rocky Mountain Cruised By: Robin Kessler Rob Kitamura, RFT, ATE

Net Area: Type: 6 (M) Description: PL 637-17 Species: Lodgepole Pine TUs: A - A : 29.10 Plots in Type: 15(M) 15 (C) Trees in Type: 152(L) 11 (D)

DBH Class (CM)	Average			Living Trees							
	HT (M)	Gross Merch. Per Tree (M3)	Net Merch. Per Tree (M3)	Risk Group 1	Risk Group 2	Risk Group 3	Dead Potential	Total	Live Veterans	Dead U	Live U
10											
15	19.9	0.138	0.133	125.78	294.70			420.48			
20	21.8	0.275	0.262	91.73	403.67		22.41	517.80			
25	23.9	0.467	0.445	93.53	307.88		16.40	417.80			
30	24.3	0.707	0.662	21.64	111.57		10.40	143.61			
35	29.2	1.237	1.166		6.99			6.99			
40											
45											
50											
55											
60											
65											
70											
75											
80											
85											
90											
95											
100											
105											
110											
115											
120											
125											
130											
135											
140											
145											
150											
175											
200											
225											
250											
275											
Total of Averages				332.68	1124.79		49.21	1506.68			
Percent by Risk Group				22.08	74.65		3.27	100.00			
Average DBH at 5 Levels											
Trees 12.5+				20.20	21.42		23.49	21.23			
Trees 17.5+				22.92	23.12		23.49	23.10			
Trees 22.5+				25.08	26.07		25.99	25.87			
Trees 27.5+				28.93	30.27		29.50	30.03			
Trees 32.5+					36.00			36.00			

FLAGS: Compile All Trees, Dry Belt Fir

License Number: A19042 PSYU: 20 - Cranbrook - 186 Region: 4 - Kootenay Boundary Licencee: Galloway Lumber Co. Ltd Compiled By: Coastfor Enterprises

Cutting Permit: 197 FIZ: F District: 5 - Rocky Mountain Cruised By: Robin Kessler Rob Kitamura, RFT, ATE

Net Area: Type: 6 (M) Description: PL 637-17 Species: Spruce TUs: A - A : 29.10 Plots in Type: 15(M) 15 (C) Trees in Type: 28(L) 61 (D)

DBH Class (CM)	HT (M)	Average		Living Trees			Dead Potential	Total	Live Veterans	Dead U	Live U
		Gross Merch. Per Tree (M3)	Net Merch. Per Tree (M3)	Risk Group 1	Risk Group 2	Risk Group 3					
10											
15											
20											
25	20.2	0.389	0.381	13.16				13.16			
30											
35											
40											
45											
50											
55											
60											
65											
70											
75											
80											
85											
90											
95											
100											
105											
110											
115											
120											
125											
130											
135											
140											
145											
150											
175											
200											
225											
250											
275											
Total of Averages				13.16				13.16			
Percent by Risk Group				100.00				100.00			
Average DBH at 5 Levels											
Trees 12.5+				25.40				25.40			
Trees 17.5+				25.40				25.40			
Trees 22.5+				25.40				25.40			
Trees 27.5+											
Trees 32.5+											

FLAGS: Compile All Trees, Dry Belt Fir

License Number: A19042 PSYU: 20 - Cranbrook - 186 Region: 4 - Kootenay Boundary Licencee: Galloway Lumber Co. Ltd Compiled By: Coastfor Enterprises

Cutting Permit: 197 FIZ: F District: 5 - Rocky Mountain Cruised By: Robin Kessler Rob Kitamura, RFT, ATE

Net Area: Type: 6 (M) Description: PL 637-17 Species: Balsam TUs: A - A : 29.10 Plots in Type: 15(M) 15 (C) Trees in Type: 80(L) 9 (D)

DBH Class (CM)	HT (M)	Average		Living Trees			Dead Potential	Total	Live Veterans	Dead U	Live U
		Gross Merch. Per Tree (M3)	Net Merch. Per Tree (M3)	Risk Group 1	Risk Group 2	Risk Group 3					
10											
15											
20											
25	21.1	0.415	0.399		19.89			19.89			
30											
35											
40											
45											
50											
55											
60											
65											
70											
75											
80											
85											
90											
95											
100											
105											
110											
115											
120											
125											
130											
135											
140											
145											
150											
175											
200											
225											
250											
275											
Total of Averages					19.89			19.89			
Percent by Risk Group					100.00			100.00			
Average DBH at 5 Levels											
			Trees 12.5+		25.30			25.30			
			Trees 17.5+		25.30			25.30			
			Trees 22.5+		25.30			25.30			
			Trees 27.5+								
			Trees 32.5+								

FLAGS: Compile All Trees, Dry Belt Fir

License Number: A19042 PSYU: 20 - Cranbrook - 186 Region: 4 - Kootenay Boundary Licencee: Galloway Lumber Co. Ltd Compiled By: Coastfor Enterprises

Cutting Permit: 197 FIZ: F District: 5 - Rocky Mountain Cruised By: Robin Kessler Rob Kitamura, RFT, ATE

Net Area: Type: 6 (M) Description: PL 637-17 Species: Larch TUs: A - A : 29.10 Plots in Type: 15(M) 15 (C) Trees in Type: 0(L) 89 (D)

DBH Class (CM)	HT (M)	Average		Living Trees							
		Gross Merch. Per Tree (M3)	Net Merch. Per Tree (M3)	Risk Group 1	Risk Group 2	Risk Group 3	Dead Potential	Total	Live Veterans	Dead U	Live U
10											
15											
20											
25											
30										9.01	
35											
40											
45											
50											
55											
60											
65											
70											
75											
80											
85											
90											
95											
100											
105											
110											
115											
120											
125											
130											
135											
140											
145											
150											
175											
200											
225											
250											
275											
Total of Averages										9.01	
Percent by Risk Group										8	
Average DBH at 5 Levels											
			Trees 12.5+					30.70		30.70	
			Trees 17.5+					30.70		30.70	
			Trees 22.5+					30.70		30.70	
			Trees 27.5+					30.70		30.70	
			Trees 32.5+								

FLAGS: Compile All Trees, Dry Belt Fir

License Number: A19042

PSYU: 20 - Cranbrook - 186

Region: 4 - Kootenay Boundary

Licencee: Galloway Lumber Co. Ltd

Compiled By: Coastfor Enterprises

Cutting Permit: 197

FIZ: F

District: 5 - Rocky Mountain

Cruised By: Robin Kessler

Rob Kitamura, RFT, ATE

Net Area: Type: 7 (M)

Description: PL 637-18

Species: Lodgepole Pine

TUs: A - A : 17.60

Plots in Type: 20(M)

0 (C)

Trees in Type: 89(L)

10 (D)

DBH Class (CM)	Average			Living Trees							
	HT (M)	Gross Merch. Per Tree (M3)	Net Merch. Per Tree (M3)	Risk Group 1	Risk Group 2	Risk Group 3	Dead Potential	Total	Live Veterans	Dead U	Live U
10											
15	19.4	0.129	0.116	22.83	133.02		92.29	248.14			40.10
20	21.3	0.283	0.262	40.14	178.00		48.50	266.63			
25	24.5	0.508	0.482	67.49	322.98		19.95	410.42			
30	26.0	0.749	0.713		139.37			139.37		15.04	
35	28.2	1.119	1.056		52.56			52.56			
40	29.3	1.336	1.247		4.53			4.53			
45											
50											
55											
60											
65											
70											
75											
80											
85											
90											
95											
100											
105											
110											
115											
120											
125											
130											
135											
140											
145											
150											
175											
200											
225											
250											
275											
Total of Averages				130.45	830.45		160.74	1121.64		15.04	40.10
Percent by Risk Group				11.63	74.04		14.33	100.00		1.34	3.58
Average DBH at 5 Levels											
Trees 12.5+				22.09	24.45		17.80	23.14		29.10	12.60
Trees 17.5+				23.07	25.81		21.56	25.25		29.10	
Trees 22.5+				23.79	27.57		25.26	27.15		29.10	
Trees 27.5+					31.18			31.04		29.10	
Trees 32.5+					35.03			35.03			

FLAGS: Compile All Trees, Dry Belt Fir

License Number: A19042

PSYU: 20 - Cranbrook - 186

Region: 4 - Kootenay Boundary

Licencee: Galloway Lumber Co. Ltd

Compiled By: Coastfor Enterprises

Cutting Permit: 197

FIZ: F

District: 5 - Rocky Mountain

Cruised By: Robin Kessler

Rob Kitamura, RFT, ATE

Net Area: Type: 7 (M) Description: PL 637-18 Species: Hemlock TUs: A - A : 17.60 Plots in Type: 20(M) 0 (C) Trees in Type: 1(L) 0 (D)

DBH Class (CM)	Average			Living Trees							
	HT (M)	Gross Merch. Per Tree (M3)	Net Merch. Per Tree (M3)	Risk Group 1	Risk Group 2	Risk Group 3	Dead Potential	Total	Live Veterans	Dead U	Live U
10											
15											
20	16.4	0.217	0.209	13.27				13.27			
25											
30											
35											
40											
45											
50											
55											
60											
65											
70											
75											
80											
85											
90											
95											
100											
105											
110											
115											
120											
125											
130											
135											
140											
145											
150											
175											
200											
225											
250											
275											
Total of Averages				13.27				13.27			
Percent by Risk Group				100.00				100.00			
Average DBH at 5 Levels											
Trees 12.5+				21.90				21.90			
Trees 17.5+				21.90				21.90			
Trees 22.5+											
Trees 27.5+											
Trees 32.5+											

FLAGS: Compile All Trees, Dry Belt Fir

License Number: A19042 PSYU: 20 - Cranbrook - 186 Region: 4 - Kootenay Boundary Licencee: Galloway Lumber Co. Ltd Compiled By: Coastfor Enterprises

Cutting Permit: 197 FIZ: F District: 5 - Rocky Mountain Cruised By: Robin Kessler Rob Kitamura, RFT, ATE

Net Area: Type: 7 (M) Description: PL 637-18 Species: Spruce TUs: A - A : 17.60 Plots in Type: 20(M) 0 (C) Trees in Type: 1(L) 0 (D)

DBH Class (CM)	HT (M)	Average		Living Trees			Dead Potential	Total	Live Veterans	Dead U	Live U
		Gross Merch. Per Tree (M3)	Net Merch. Per Tree (M3)	Risk Group 1	Risk Group 2	Risk Group 3					
10											
15											
20											
25											
30	18.9	0.433	0.420	8.24				8.24			
35											
40											
45											
50											
55											
60											
65											
70											
75											
80											
85											
90											
95											
100											
105											
110											
115											
120											
125											
130											
135											
140											
145											
150											
175											
200											
225											
250											
275											
Total of Averages				8.24				8.24			
Percent by Risk Group				100.00				100.00			
Average DBH at 5 Levels											
Trees 12.5+				27.80				27.80			
Trees 17.5+				27.80				27.80			
Trees 22.5+				27.80				27.80			
Trees 27.5+				27.80				27.80			
Trees 32.5+											

FLAGS: Compile All Trees, Dry Belt Fir

Block	Strip	Plot	Type	HM	Slope	Strip	Plot	Type	HM	Slope	Strip	Plot	Type	HM	Slope	Strip	Plot	Type	HM	Slope
481	1	133	2	SC	53															
	1	134	2	SC	47															

Block Summary	Total Slope %: 100	Total Plots: 2	Weighted Avg. Slope %: 50.0	Arithmetic Avg. Slope %: 50.0
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Block	Strip	Plot	Type	HM	Slope	Strip	Plot	Type	HM	Slope	Strip	Plot	Type	HM	Slope	Strip	Plot	Type	HM	Slope
483	1	20	4	SC	15						2	35	4	SC	33					
	1	25	4	SC	17						2	41	4	SC	25					
	1	26	4	SC	30															
	2	30	4	SC	45															

Block Summary	Total Slope %: 165	Total Plots: 6	Weighted Avg. Slope %: 27.5	Arithmetic Avg. Slope %: 27.5
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Block	Strip	Plot	Type	HM	Slope	Strip	Plot	Type	HM	Slope	Strip	Plot	Type	HM	Slope	Strip	Plot	Type	HM	Slope
485	2	46	6	SC	45						3	65	6	SC	40					
	2	50	6	SC	45						3	66	6	SC	34					
	2	51	6	SC	35						1	70	6	SC	40					
	3	52	6	SC	45						4	71	6	SC	48					
	1	56	6	SC	37						4	72	6	SC	32					
	3	57	6	SC	47						4	73	6	SC	30					
	3	58	6	SC	45						1	76	6	SC	43					
	3	59	6	SC	45						4	77	6	SC	43					
	1	63	6	SC	38						4	78	6	SC	31					
	3	64	6	SC	49						1	81	6	SC	34					

Block Summary	Total Slope %: 1189	Total Plots: 30	Weighted Avg. Slope %: 39.6	Arithmetic Avg. Slope %: 39.6
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Block	Strip	Plot	Type	HM	Slope	Strip	Plot	Type	HM	Slope	Strip	Plot	Type	HM	Slope	Strip	Plot	Type	HM	Slope
486	3	87	7	SC	32						1	100	7	SC	40					
	2	88	7	SC	42						2	101	7	SC	30					
	1	92	7	SC	44						1	102	7	SC	48					
	2	93	7	SC	42						6	103	7	SC	35					
	1	96	7	SC	48						4	104	7	SC	28					
	2	97	7	SC	38						1	105	7	SC	23					
	1	99	7	SC	36						1	106	7	SC	52					

Block Summary	Total Slope %: 748	Total Plots: 20	Weighted Avg. Slope %: 37.4	Arithmetic Avg. Slope %: 37.4
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FLAGS: Compile All Trees, Dry Belt Fir

Harvest Method Summary

Harvest Method	Total Slope %	# of Plots	Weighted Avg. Slope %	Arithmetic Avg. Slope %
SC	2202	58	38.6	38.0
Total	2202	58	38.6	38.0

FLAGS: Compile All Trees, Dry Belt Fir

License Number: A19042	PSYU: 20 - Cranbrook - 186	Region: 4 - Kootenay Boundary	Licencee: Galloway Lumber Co. Ltd	Compiled By: Coastfor Enterprises	
Cutting Permit: 197	FIZ: F	District: 5 - Rocky Mountain	Cruised By: Robin Kessler	Rob Kitamura, RFT, ATE	
Utilization:	Standard	DBH Limit: 17.5	Stump Height: 30	Top Diam.: 10.0	Log Length: 5.0
	Exception-PL	DBH Limit: 12.5	Stump Height: 30	Top Diam.: 10.0	Log Length: 5.0

TYPE BLOCK	STRIP
2	481
	1

					# of Stems		Stems per HA		Average Diam.		Volume m3 per Hectare				Loss Table		
Plot	Plot Size	Slope %	Date	Species	L&DP	DU&LU	L&DP	DU&LU	L&DP	DU&LU	Gross Merch	Less Decay	Less DB	Less DWB	YI	OI	M
133	8.000F	53	12/01/18	Larch	1	0	117.05	0.00	29.50	0.00	77.52	75.97	73.64	73.64		1002	
133	8.000F	53	12/01/18	Lodgepole Pine	5	0	2110.61	0.00	15.53	0.00	285.73	281.60	263.92	263.92		0804	
133	8.000F	53	12/01/18	All	6	0	2227.66	0.00	16.56	0.00	363.25	357.56	337.56	337.56			
134	8.000F	47	12/01/18	Lodgepole Pine	5	0	1055.49	0.00	21.97	0.00	394.21	387.27	379.39	379.39		0804	
134	8.000F	47	12/01/18	All	5	0	1055.49	0.00	21.97	0.00	394.21	387.27	379.39	379.39			

TYPE BLOCK	STRIP
4	483
	1

					# of Stems		Stems per HA		Average Diam.		Volume m3 per Hectare				Loss Table		
Plot	Plot Size	Slope %	Date	Species	L&DP	DU&LU	L&DP	DU&LU	L&DP	DU&LU	Gross Merch	Less Decay	Less DB	Less DWB	YI	OI	M
20	10.000F	15	12/01/18	Balsam	4	0	842.55	0.00	24.59	0.00	391.01	381.99	374.17	374.17		0406	
20	10.000F	15	12/01/18	Spruce	3	0	773.61	0.00	22.22	0.00	261.50	258.17	252.94	252.94		0504	
20	10.000F	15	12/01/18	All	7	0	1616.16	0.00	23.48	0.00	652.51	640.16	627.11	627.11			
25	10.000F	17	12/01/18	Balsam	4	1	828.39	184.08	24.80	26.30	349.97	344.74	337.74	337.74		0406	
25	10.000F	17	12/01/18	Spruce	1	0	297.15	0.00	20.70	0.00	69.87	68.48	67.08	67.08		0504	
25	10.000F	17	12/01/18	All	5	1	1125.54	184.08	23.78	26.30	419.84	413.21	404.82	404.82			
26	10.000F	30	12/01/18	Lodgepole Pine	4	0	884.75	0.00	23.99	0.00	417.55	410.64	402.28	402.28		0804	
26	10.000F	30	12/01/18	All	4	0	884.75	0.00	23.99	0.00	417.55	410.64	402.28	402.28			

TYPE BLOCK	STRIP
4	483
	2

					# of Stems		Stems per HA		Average Diam.		Volume m3 per Hectare				Loss Table		
Plot	Plot Size	Slope %	Date	Species	L&DP	DU&LU	L&DP	DU&LU	L&DP	DU&LU	Gross Merch	Less Decay	Less DB	Less DWB	YI	OI	M
30	10.000F	45	12/01/18	Balsam	2	0	437.65	0.00	24.12	0.00	170.80	164.63	161.22	161.22		0406	
30	10.000F	45	12/01/18	Lodgepole Pine	1	1	364.11	467.67	18.70	16.50	39.06	38.43	26.71	26.71		0804	
30	10.000F	45	12/01/18	Spruce	1	0	56.43	0.00	47.50	0.00	108.94	104.58	102.40	102.40		0504	
30	10.000F	45	12/01/18	All	4	1	858.18	467.67	24.36	16.50	318.79	307.65	290.34	290.34			
35	10.000F	33	12/01/18	Balsam	1	0	267.92	0.00	21.80	0.00	69.03	68.34	66.96	66.96		0406	
35	10.000F	33	12/01/18	Lodgepole Pine	4	0	630.13	0.00	28.43	0.00	445.45	434.74	425.84	425.84		0804	
35	10.000F	33	12/01/18	All	5	0	898.05	0.00	26.63	0.00	514.49	503.09	492.80	492.80			
41	10.000F	25	12/01/18	Lodgepole Pine	5	1	763.14	352.70	28.88	19.00	550.51	536.00	524.99	524.99		0804	
41	10.000F	25	12/01/18	All	5	1	763.14	352.70	28.88	19.00	550.51	536.00	524.99	524.99			

TYPE BLOCK	STRIP
6	485
	1

					# of Stems		Stems per HA		Average Diam.		Volume m3 per Hectare				Loss Table		
Plot	Plot Size	Slope %	Date	Species	L&DP	DU&LU	L&DP	DU&LU	L&DP	DU&LU	Gross Merch	Less Decay	Less DB	Less DWB	YI	OI	M
56	10.000F	37	11/01/18	Balsam	2	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
56	10.000F	37	11/01/18	All	2	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			

FLAGS: Compile All Trees, Dry Belt Fir

License Number: A19042	PSYU: 20 - Cranbrook - 186	Region: 4 - Kootenay Boundary	Licencee: Galloway Lumber Co. Ltd	Compiled By: Coastfor Enterprises	
Cutting Permit: 197	FIZ: F	District: 5 - Rocky Mountain	Cruised By: Robin Kessler	Rob Kitamura, RFT, ATE	
Utilization:	Standard	DBH Limit: 17.5	Stump Height: 30	Top Diam.: 10.0	Log Length: 5.0
	Exception-PL	DBH Limit: 12.5	Stump Height: 30	Top Diam.: 10.0	Log Length: 5.0

TYPE BLOCK	STRIP
6	485
	1

					# of Stems		Stems per HA		Average Diam.		Volume m3 per Hectare				Loss Table		
Plot	Plot Size	Slope %	Date	Species	L&DP	DU&LU	L&DP	DU&LU	L&DP	DU&LU	Gross Merch	Less Decay	Less DB	Less DWB	YI	OI	M
63	10.000F	38	11/01/18	Balsam	1	0	198.92	0.00	25.30	0.00	82.57	80.92	79.27	79.27		0406	
63	10.000F	38	11/01/18	Larch	0	1	0.00	135.09	0.00	30.70	0.00	0.00	0.00	0.00			
63	10.000F	38	11/01/18	Lodgepole Pine	3	0	613.68	0.00	24.95	0.00	299.42	292.68	260.35	260.35		0804	
				E-Blowdown - Down	1	0	146.31	0.00	29.50	0.00	94.06	91.43	63.21	63.21		0804	
63	10.000F	38	11/01/18	All	4	1	812.59	135.09	25.04	30.70	381.99	373.60	339.62	339.62			
70	10.000F	40	11/01/18	Lodgepole Pine	4	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
70	10.000F	40	11/01/18	All	4	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
76	10.000F	43	11/01/18	Lodgepole Pine	4	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
76	10.000F	43	11/01/18	Spruce	1	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
76	10.000F	43	11/01/18	All	5	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
81	10.000F	34	11/01/18	Lodgepole Pine	8	0	2705.78	0.00	19.40	0.00	794.20	782.88	739.43	739.43		0804	
				E-Blowdown - Down	1	0	315.15	0.00	20.10	0.00	98.44	96.87	67.34	67.34		0804	
81	10.000F	34	11/01/18	All	8	0	2705.78	0.00	19.40	0.00	794.20	782.88	739.43	739.43			

TYPE BLOCK	STRIP
6	485
	2

					# of Stems		Stems per HA		Average Diam.		Volume m3 per Hectare				Loss Table		
Plot	Plot Size	Slope %	Date	Species	L&DP	DU&LU	L&DP	DU&LU	L&DP	DU&LU	Gross Merch	Less Decay	Less DB	Less DWB	YI	OI	M
46	10.000F	45	11/01/18	Lodgepole Pine	2	0	982.88	0.00	16.10	0.00	144.37	142.18	139.30	139.30		0804	
46	10.000F	45	11/01/18	All	2	0	982.88	0.00	16.10	0.00	144.37	142.18	139.30	139.30			
50	10.000F	45	11/01/18	Lodgepole Pine	7	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
50	10.000F	45	11/01/18	All	7	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
51	10.000F	35	11/01/18	Lodgepole Pine	3	0	458.03	0.00	28.88	0.00	277.14	271.68	266.14	266.14		0804	
51	10.000F	35	11/01/18	All	3	0	458.03	0.00	28.88	0.00	277.14	271.68	266.14	266.14			

TYPE BLOCK	STRIP
6	485
	3

					# of Stems		Stems per HA		Average Diam.		Volume m3 per Hectare				Loss Table		
Plot	Plot Size	Slope %	Date	Species	L&DP	DU&LU	L&DP	DU&LU	L&DP	DU&LU	Gross Merch	Less Decay	Less DB	Less DWB	YI	OI	M
52	10.000F	45	11/01/18	Lodgepole Pine	2	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
52	10.000F	45	11/01/18	All	2	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
57	10.000F	47	11/01/18	Lodgepole Pine	6	0	1319.12	0.00	24.07	0.00	592.44	583.32	571.47	571.47		0804	
57	10.000F	47	11/01/18	All	6	0	1319.12	0.00	24.07	0.00	592.44	583.32	571.47	571.47			
58	10.000F	45	11/01/18	Lodgepole Pine	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
58	10.000F	45	11/01/18	All	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			

FLAGS: Compile All Trees, Dry Belt Fir

License Number: A19042	PSYU: 20 - Cranbrook - 186	Region: 4 - Kootenay Boundary	Licencee: Galloway Lumber Co. Ltd	Compiled By: Coastfor Enterprises	
Cutting Permit: 197	FIZ: F	District: 5 - Rocky Mountain	Cruised By: Robin Kessler	Rob Kitamura, RFT, ATE	
Utilization:	Standard	DBH Limit: 17.5	Stump Height: 30	Top Diam.: 10.0	Log Length: 5.0
	Exception-PL	DBH Limit: 12.5	Stump Height: 30	Top Diam.: 10.0	Log Length: 5.0

TYPE BLOCK	STRIP
6	485
	3

					# of Stems		Stems per HA		Average Diam.		Volume m3 per Hectare				Loss Table		
Plot	Plot Size	Slope %	Date	Species	L&DP	DU&LU	L&DP	DU&LU	L&DP	DU&LU	Gross Merch	Less Decay	Less DB	Less DWB	YI	OI	M
59	10.000F	45	11/01/18	Lodgepole Pine	6	0	2235.10	0.00	18.49	0.00	455.83	449.78	440.66	440.66		0804	
59	10.000F	45	11/01/18	All	6	0	2235.10	0.00	18.49	0.00	455.83	449.78	440.66	440.66			
64	10.000F	49	11/01/18	Lodgepole Pine	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
64	10.000F	49	11/01/18	All	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
65	10.000F	40	11/01/18	Lodgepole Pine	5	0	1238.15	0.00	22.68	0.00	460.00	451.16	415.96	415.96		0804	
				E-Blowdown - Down	1	0	230.55	0.00	23.50	0.00	92.85	90.99	63.14	63.14		0804	
65	10.000F	40	11/01/18	All	5	0	1238.15	0.00	22.68	0.00	460.00	451.16	415.96	415.96			
66	10.000F	34	11/01/18	Lodgepole Pine	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
66	10.000F	34	11/01/18	All	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			

TYPE BLOCK	STRIP
6	485
	4

					# of Stems		Stems per HA		Average Diam.		Volume m3 per Hectare				Loss Table		
Plot	Plot Size	Slope %	Date	Species	L&DP	DU&LU	L&DP	DU&LU	L&DP	DU&LU	Gross Merch	Less Decay	Less DB	Less DWB	YI	OI	M
71	10.000F	48	11/01/18	Lodgepole Pine	5	0	1009.67	0.00	25.11	0.00	508.48	497.90	487.73	487.73		0804	
71	10.000F	48	11/01/18	All	5	0	1009.67	0.00	25.11	0.00	508.48	497.90	487.73	487.73			
72	10.000F	32	11/01/18	Lodgepole Pine	6	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
72	10.000F	32	11/01/18	All	6	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
73	10.000F	30	11/01/18	Lodgepole Pine	3	0	1005.27	0.00	19.49	0.00	250.27	246.27	241.26	241.26		0804	
73	10.000F	30	11/01/18	All	3	0	1005.27	0.00	19.49	0.00	250.27	246.27	241.26	241.26			
77	10.000F	43	11/01/18	Lodgepole Pine	7	0	1912.57	0.00	21.59	0.00	681.48	669.19	655.56	655.56		0804	
77	10.000F	43	11/01/18	All	7	0	1912.57	0.00	21.59	0.00	681.48	669.19	655.56	655.56			
78	10.000F	31	11/01/18	Lodgepole Pine	7	0	2030.25	0.00	20.95	0.00	678.33	668.72	655.15	655.15		0804	
78	10.000F	31	11/01/18	All	7	0	2030.25	0.00	20.95	0.00	678.33	668.72	655.15	655.15			
82	10.000F	50	11/01/18	Lodgepole Pine	5	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
82	10.000F	50	11/01/18	All	5	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
83	10.000F	38	11/01/18	Lodgepole Pine	7	0	1736.48	0.00	22.66	0.00	717.53	706.23	691.87	691.87		0804	
83	10.000F	38	11/01/18	All	7	0	1736.48	0.00	22.66	0.00	717.53	706.23	691.87	691.87			

TYPE BLOCK	STRIP
6	485
	5

					# of Stems		Stems per HA		Average Diam.		Volume m3 per Hectare				Loss Table		
Plot	Plot Size	Slope %	Date	Species	L&DP	DU&LU	L&DP	DU&LU	L&DP	DU&LU	Gross Merch	Less Decay	Less DB	Less DWB	YI	OI	M
84	10.000F	36	11/01/18	Lodgepole Pine	2	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
84	10.000F	36	11/01/18	All	2	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			

FLAGS: Compile All Trees, Dry Belt Fir

License Number: A19042	PSYU: 20 - Cranbrook - 186	Region: 4 - Kootenay Boundary	Licencee: Galloway Lumber Co. Ltd	Compiled By: Coastfor Enterprises
Cutting Permit: 197	FIZ: F	District: 5 - Rocky Mountain	Cruised By: Robin Kessler	Rob Kitamura, RFT, ATE
Utilization:	Standard	DBH Limit: 17.5	Stump Height: 30	Top Diam.: 10.0
	Exception-PL	DBH Limit: 12.5	Stump Height: 30	Top Diam.: 10.0
				Log Length: 5.0
				Log Length: 5.0

TYPE	BLOCK	STRIP
6	485	5

					# of Stems		Stems per HA		Average Diam.		Volume m3 per Hectare				Loss Table		
Plot	Plot Size	Slope %	Date	Species	L&DP	DU&LU	L&DP	DU&LU	L&DP	DU&LU	Gross Merch	Less Decay	Less DB	Less DWB	YI	OI	M
85	10.000F	35	11/01/18	Lodgepole Pine	7	0	2796.04	0.00	17.85	0.00	584.82	575.64	563.95	563.95		0804	
85	10.000F	35	11/01/18	All	7	0	2796.04	0.00	17.85	0.00	584.82	575.64	563.95	563.95			
86	10.000F	25	11/01/18	Lodgepole Pine	4	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
86	10.000F	25	11/01/18	All	4	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
89	10.000F	44	11/01/18	Lodgepole Pine	6	0	1144.66	0.00	25.83	0.00	664.10	647.56	634.27	634.27		0804	
89	10.000F	44	11/01/18	All	6	0	1144.66	0.00	25.83	0.00	664.10	647.56	634.27	634.27			
90	10.000F	37	11/01/18	Lodgepole Pine	13	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
90	10.000F	37	11/01/18	All	13	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
91	10.000F	32	11/01/18	Spruce	1	0	197.35	0.00	25.40	0.00	76.76	76.76	75.22	75.22	0503		
91	10.000F	32	11/01/18	All	1	0	197.35	0.00	25.40	0.00	76.76	76.76	75.22	75.22			
94	10.000F	40	11/01/18	Lodgepole Pine	6	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
94	10.000F	40	11/01/18	All	6	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			

TYPE	BLOCK	STRIP
6	485	6

					# of Stems		Stems per HA		Average Diam.		Volume m3 per Hectare				Loss Table		
Plot	Plot Size	Slope %	Date	Species	L&DP	DU&LU	L&DP	DU&LU	L&DP	DU&LU	Gross Merch	Less Decay	Less DB	Less DWB	YI	OI	M
98	10.000F	46	11/01/18	Lodgepole Pine	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
98	10.000F	46	11/01/18	All	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			

TYPE	BLOCK	STRIP
7	486	1

					# of Stems		Stems per HA		Average Diam.		Volume m3 per Hectare				Loss Table		
Plot	Plot Size	Slope %	Date	Species	L&DP	DU&LU	L&DP	DU&LU	L&DP	DU&LU	Gross Merch	Less Decay	Less DB	Less DWB	YI	OI	M
92	10.000F	44	11/01/18	Lodgepole Pine	7	0	2197.40	0.00	20.14	0.00	631.16	621.86	593.06	593.06		0804	
92	10.000F	44	11/01/18	All	7	0	2197.40	0.00	20.14	0.00	631.16	621.86	593.06	593.06			
96	10.000F	48	11/01/18	Lodgepole Pine	6	0	1567.08	0.00	22.08	0.00	599.18	584.84	572.86	572.86		0804	
96	10.000F	48	11/01/18	All	6	0	1567.08	0.00	22.08	0.00	599.18	584.84	572.86	572.86			
99	10.000F	36	11/01/18	Lodgepole Pine	8	0	2460.37	0.00	20.35	0.00	796.07	781.90	755.09	755.09		0804	
99	10.000F	36	11/01/18	All	8	0	2460.37	0.00	20.35	0.00	796.07	781.90	755.09	755.09			
100	10.000F	40	11/01/18	Lodgepole Pine	4	0	1356.63	0.00	19.38	0.00	328.55	324.33	317.76	317.76		0804	
100	10.000F	40	11/01/18	All	4	0	1356.63	0.00	19.38	0.00	328.55	324.33	317.76	317.76			
102	10.000F	48	11/01/18	Lodgepole Pine	5	0	1136.30	0.00	23.67	0.00	531.25	520.13	457.34	457.34		0804	
102	10.000F	48	11/01/18	All	5	0	1136.30	0.00	23.67	0.00	531.25	520.13	457.34	457.34			

FLAGS: Compile All Trees, Dry Belt Fir

License Number: A19042	PSYU: 20 - Cranbrook - 186	Region: 4 - Kootenay Boundary	Licencee: Galloway Lumber Co. Ltd	Compiled By: Coastfor Enterprises	
Cutting Permit: 197	FIZ: F	District: 5 - Rocky Mountain	Cruised By: Robin Kessler	Rob Kitamura, RFT, ATE	
Utilization:	Standard	DBH Limit: 17.5	Stump Height: 30	Top Diam.: 10.0	Log Length: 5.0
	Exception-PL	DBH Limit: 12.5	Stump Height: 30	Top Diam.: 10.0	Log Length: 5.0

TYPE BLOCK	STRIP
7	486
	1

					# of Stems		Stems per HA		Average Diam.		Volume m3 per Hectare				Loss Table		
Plot	Plot Size	Slope %	Date	Species	L&DP	DU&LU	L&DP	DU&LU	L&DP	DU&LU	Gross Merch	Less Decay	Less DB	Less DWB	YI	OI	M
105	10.000F	23	11/01/18	Lodgepole Pine	9	0	2376.58	0.00	21.96	0.00	882.95	869.94	852.28	852.28		0804	
105	10.000F	23	11/01/18	All	9	0	2376.58	0.00	21.96	0.00	882.95	869.94	852.28	852.28			
106	10.000F	52	11/01/18	Lodgepole Pine	4	0	765.49	0.00	25.79	0.00	351.85	342.16	319.84	319.84		0804	
106	10.000F	52	11/01/18	All	4	0	765.49	0.00	25.79	0.00	351.85	342.16	319.84	319.84			

TYPE BLOCK	STRIP
7	486
	2

					# of Stems		Stems per HA		Average Diam.		Volume m3 per Hectare				Loss Table		
Plot	Plot Size	Slope %	Date	Species	L&DP	DU&LU	L&DP	DU&LU	L&DP	DU&LU	Gross Merch	Less Decay	Less DB	Less DWB	YI	OI	M
88	10.000F	42	11/01/18	Lodgepole Pine	5	0	1353.57	0.00	21.69	0.00	500.06	491.08	481.08	481.08		0804	
88	10.000F	42	11/01/18	All	5	0	1353.57	0.00	21.69	0.00	500.06	491.08	481.08	481.08			
93	10.000F	42	11/01/18	Lodgepole Pine	2	0	322.45	0.00	28.10	0.00	193.92	189.31	185.43	185.43		0804	
93	10.000F	42	11/01/18	All	2	0	322.45	0.00	28.10	0.00	193.92	189.31	185.43	185.43			
97	10.000F	38	11/01/18	Lodgepole Pine	5	0	950.95	0.00	25.87	0.00	521.61	509.87	499.44	499.44		0804	
97	10.000F	38	11/01/18	All	5	0	950.95	0.00	25.87	0.00	521.61	509.87	499.44	499.44			
101	10.000F	30	11/01/18	Lodgepole Pine	4	0	568.07	0.00	29.94	0.00	461.17	448.00	438.78	438.78		0804	
101	10.000F	30	11/01/18	All	4	0	568.07	0.00	29.94	0.00	461.17	448.00	438.78	438.78			

TYPE BLOCK	STRIP
7	486
	3

					# of Stems		Stems per HA		Average Diam.		Volume m3 per Hectare				Loss Table		
Plot	Plot Size	Slope %	Date	Species	L&DP	DU&LU	L&DP	DU&LU	L&DP	DU&LU	Gross Merch	Less Decay	Less DB	Less DWB	YI	OI	M
87	10.000F	32	11/01/18	Lodgepole Pine	3	1	551.04	801.99	26.33	12.60	325.03	317.67	311.17	311.17		0804	
87	10.000F	32	11/01/18	All	3	1	551.04	801.99	26.33	12.60	325.03	317.67	311.17	311.17			

TYPE BLOCK	STRIP
7	486
	4

					# of Stems		Stems per HA		Average Diam.		Volume m3 per Hectare				Loss Table		
Plot	Plot Size	Slope %	Date	Species	L&DP	DU&LU	L&DP	DU&LU	L&DP	DU&LU	Gross Merch	Less Decay	Less DB	Less DWB	YI	OI	M
104	10.000F	28	11/01/18	Lodgepole Pine	4	0	1732.41	0.00	17.15	0.00	318.29	314.40	292.78	292.78		0804	
104	10.000F	28	11/01/18	All	4	0	1732.41	0.00	17.15	0.00	318.29	314.40	292.78	292.78			

TYPE BLOCK	STRIP
7	486
	5

					# of Stems		Stems per HA		Average Diam.		Volume m3 per Hectare				Loss Table		
Plot	Plot Size	Slope %	Date	Species	L&DP	DU&LU	L&DP	DU&LU	L&DP	DU&LU	Gross Merch	Less Decay	Less DB	Less DWB	YI	OI	M
109	10.000F	46	12/01/18	Lodgepole Pine	3	1	609.05	148.31	25.04	29.30	332.19	325.55	318.91	318.91		0804	
109	10.000F	46	12/01/18	All	3	1	609.05	148.31	25.04	29.30	332.19	325.55	318.91	318.91			

FLAGS: Compile All Trees, Dry Belt Fir

License Number: A19042	PSYU: 20 - Cranbrook - 186	Region: 4 - Kootenay Boundary	Licencee: Galloway Lumber Co. Ltd	Compiled By: Coastfor Enterprises	
Cutting Permit: 197	FIZ: F	District: 5 - Rocky Mountain	Cruised By: Robin Kessler	Rob Kitamura, RFT, ATE	
Utilization:	Standard	DBH Limit: 17.5	Stump Height: 30	Top Diam.: 10.0	Log Length: 5.0
	Exception-PL	DBH Limit: 12.5	Stump Height: 30	Top Diam.: 10.0	Log Length: 5.0

TYPE BLOCK	STRIP
7	4865

					# of Stems	Stems per HA		Average Diam.		Volume m3 per Hectare					Loss Table		
Plot	Plot Size	Slope %	Date	Species	L&DP	DU&LU	L&DP	DU&LU	L&DP	DU&LU	Gross Merch	Less Decay	Less DB	Less DWB	YI	OI	M
110	10.000F	46	12/01/18	Lodgepole Pine	4	0	566.51	0.00	29.98	0.00	472.55	458.96	449.51	449.51		0804	
110	10.000F	46	12/01/18	All	4	0	566.51	0.00	29.98	0.00	472.55	458.96	449.51	449.51			
111	10.000F	46	12/01/18	Lodgepole Pine	4	0	538.89	0.00	30.74	0.00	470.33	454.66	445.26	445.26		0804	
111	10.000F	46	12/01/18	All	4	0	538.89	0.00	30.74	0.00	470.33	454.66	445.26	445.26			

TYPE BLOCK	STRIP
7	4866

					# of Stems	Stems per HA		Average Diam.		Volume m3 per Hectare					Loss Table		
Plot	Plot Size	Slope %	Date	Species	L&DP	DU&LU	L&DP	DU&LU	L&DP	DU&LU	Gross Merch	Less Decay	Less DB	Less DWB	YI	OI	M
103	10.000F	35	12/01/18	Lodgepole Pine	5	0	978.28	0.00	25.51	0.00	506.46	493.72	435.37	435.37		0804	
				E-Blowdown - Down	1	0	186.91	0.00	26.10	0.00	100.49	98.48	68.33	68.33		0804	
103	10.000F	35	12/01/18	Spruce	1	0	164.75	0.00	27.80	0.00	71.39	70.67	69.25	69.25		0504	
103	10.000F	35	12/01/18	All	6	0	1143.03	0.00	25.85	0.00	577.84	564.39	504.61	504.61			
107	10.000F	17	12/01/18	Hemlock	1	0	265.47	0.00	21.90	0.00	57.73	57.15	55.42	55.42		0304	
107	10.000F	17	12/01/18	Lodgepole Pine	4	1	719.30	152.45	26.61	28.90	417.68	408.44	400.08	400.08		0804	
107	10.000F	17	12/01/18	All	5	1	984.77	152.45	25.43	28.90	475.41	465.59	455.50	455.50			
108	10.000F	35	12/01/18	Lodgepole Pine	4	0	930.94	0.00	23.39	0.00	373.04	367.24	359.78	359.78		0804	
108	10.000F	35	12/01/18	All	4	0	930.94	0.00	23.39	0.00	373.04	367.24	359.78	359.78			

TYPE BLOCK	STRIP
7	4867

					# of Stems	Stems per HA		Average Diam.		Volume m3 per Hectare					Loss Table		
Plot	Plot Size	Slope %	Date	Species	L&DP	DU&LU	L&DP	DU&LU	L&DP	DU&LU	Gross Merch	Less Decay	Less DB	Less DWB	YI	OI	M
112	10.000F	20	12/01/18	Lodgepole Pine	6	0	751.53	0.00	31.88	0.00	696.60	673.99	660.06	660.06		0804	
112	10.000F	20	12/01/18	All	6	0	751.53	0.00	31.88	0.00	696.60	673.99	660.06	660.06			

FLAGS: Compile All Trees, Dry Belt Fir

Balsam														Total Merch Area: 53.7 Ha
Log Top Dia (cm)	LRF	RISK GROUP 1				RISK GROUP 2				RISK GROUP 3				
		Gross Merch	% Decay	Net Merch	FBM	Gross Merch	% Decay	Net Merch	FBM	Gross Merch	% Decay	Net Merch	FBM	
0.1 - 5.49	91													
5.5 - 6.49	103													
6.5 - 7.49	113													
7.5 - 8.49	123													
8.5 - 9.9	134													
10.0 - 14.9	158	126	1.1	122	19197	124	2.5	118	18423					
15.0 - 19.9	185	146	1.0	142	26125	191	2.3	182	33364					
20.0 - 24.9	202	74	1.6	72	14339	185	2.6	177	35252					
25.0 - 29.9	217					20	5.0	19	3924					
30.0 - 34.9	226					28	5.0	26	5689					
35.0 - 39.9	234													
40.0 - 44.9	240													
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		347	1.2	336	59661	547	2.7	522	96652					

Risk Group Summary						
Risk Groups	1	2	3	1+2	2+3	1+2+3
Average LRF	178	185		182	185	182
Decay	1.2	2.7		2.1	2.7	
% Stud Log Net Merch	78.7	57.6		65.9	57.6	
% Small Log Net Merch	100.0	95.1		97.0	95.1	
% Large Log Net Merch	0.0	4.9		3.0	4.9	

FLAGS: Compile All Trees, Dry Belt Fir

Hemlock

Total Merch Area: 53.7 Ha

Log Top Dia (cm)	LRF	RISK GROUP 1				RISK GROUP 2				RISK GROUP 3			
		Gross Merch	% Decay	Net Merch	FBM	Gross Merch	% Decay	Net Merch	FBM	Gross Merch	% Decay	Net Merch	FBM
0.1 - 5.49	91												
5.5 - 6.49	102												
6.5 - 7.49	111												
7.5 - 8.49	120												
8.5 - 9.9	129												
10.0 - 14.9	151	19	1.0	19	2802								
15.0 - 19.9	172	31	1.0	30	5154								
20.0 - 24.9	187												
25.0 - 29.9	199												
30.0 - 34.9	210												
35.0 - 39.9	217												
40.0 - 44.9	222												
45.0 - 49.9	228												
50.0 - 54.9	233												
55.0 - 59.9	237												
60.0 - 64.9	240												
65.0 - 69.9	241												
70.0 - 74.9	240												
75.0 - 79.9	237												
80.0 - 84.9	234												
85.0 - 89.9	231												
90.0 - 94.9	227												
95.0 - 99.9	224												
100.0+	221												
All Logs		51	1.0	49	7956								

Risk Group Summary						
Risk Groups	1	2	3	1+2	2+3	1+2+3
Average LRF	163			163		163
Decay	1.0			1.0		
% Stud Log Net Merch	0.0			0.0		
% Small Log Net Merch	100.0			100.0		
% Large Log Net Merch	0.0			0.0		

FLAGS: Compile All Trees, Dry Belt Fir

Larch

Total Merch Area: 53.7 Ha

Log Top Dia (cm)	LRF	RISK GROUP 1				RISK GROUP 2				RISK GROUP 3			
		Gross Merch	% Decay	Net Merch	FBM	Gross Merch	% Decay	Net Merch	FBM	Gross Merch	% Decay	Net Merch	FBM
0.1 - 5.49	91												
5.5 - 6.49	103												
6.5 - 7.49	113												
7.5 - 8.49	123												
8.5 - 9.9	134												
10.0 - 14.9	158					21	2.0	20	3169				
15.0 - 19.9	185					55	2.0	52	9490				
20.0 - 24.9	202					40	2.0	38	7676				
25.0 - 29.9	217												
30.0 - 34.9	226												
35.0 - 39.9	234												
40.0 - 44.9	240												
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						116	2.0	110	20335				

Risk Group Summary						
Risk Groups	1	2	3	1+2	2+3	1+2+3
Average LRF		184		184	184	184
Decay		2.0		2.0	2.0	
% Stud Log Net Merch		65.3		65.3	65.3	
% Small Log Net Merch		100.0		100.0	100.0	
% Large Log Net Merch		0.0		0.0	0.0	

FLAGS: Compile All Trees, Dry Belt Fir

Lodgepole Pine - Green No Beetle

Total Merch Area: 53.7 Ha

		RISK GROUP 1				RISK GROUP 2				RISK GROUP 3			
Log Top Dia (cm)	LRF	Gross Merch	% Decay	Net Merch	FBM	Gross Merch	% Decay	Net Merch	FBM	Gross Merch	% Decay	Net Merch	FBM
0.1 - 5.49	91												
5.5 - 6.49	103												
6.5 - 7.49	113												
7.5 - 8.49	123												
8.5 - 9.9	134												
10.0 - 14.9	158	1535	0.5	1496	235675	6757	1.8	6501	1017918				
15.0 - 19.9	185	1755	0.6	1710	315394	7235	2.0	6944	1271694				
20.0 - 24.9	202	584	0.6	569	114573	4542	2.5	4336	864718				
25.0 - 29.9	217	28	0.7	28	5985	1390	3.2	1318	281567				
30.0 - 34.9	226					240	3.9	226	50036				
35.0 - 39.9	234												
40.0 - 44.9	240												
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		3902	0.6	3802	671628	20164	2.2	19325	3485933				

Risk Group Summary							
Risk Groups	1	2	3	1+2	2+3	1+2+3	PL Adjustment
Average LRF	177	180		180	180	180	
Decay	0.6	2.2		1.9	2.2		
% Stud Log Net Merch	84.3	69.6		72.0	69.6		
% Small Log Net Merch	100.0	98.8		99.0	98.8		
% Large Log Net Merch	0.0	1.2		1.0	1.2		

FLAGS: Compile All Trees, Dry Belt Fir

Lodgepole Pine - Green Attack

Total Merch Area: 53.7 Ha

Log Top Dia (cm)	LRF	RISK GROUP 1				RISK GROUP 2				RISK GROUP 3			
		Gross Merch	% Decay	Net Merch	FBM	Gross Merch	% Decay	Net Merch	FBM	Gross Merch	% Decay	Net Merch	FBM
0.1 - 5.49													
5.5 - 6.49													
6.5 - 7.49													
7.5 - 8.49													
8.5 - 9.9													
10.0 - 14.9													
15.0 - 19.9													
20.0 - 24.9													
25.0 - 29.9													
30.0 - 34.9													
35.0 - 39.9													
40.0 - 44.9													
45.0 - 49.9													
50.0 - 54.9													
55.0 - 59.9													
60.0 - 64.9													
65.0 - 69.9													
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													

Risk Group Summary							
Risk Groups	1	2	3	1+2	2+3	1+2+3	PL Adjustment
Average LRF							3
Decay							
% Stud Log Net Merch							
% Small Log Net Merch							
% Large Log Net Merch							

FLAGS: Compile All Trees, Dry Belt Fir

Lodgepole Pine - Red Attack

Total Merch Area: 53.7 Ha

Log Top Dia (cm)	LRF	RISK GROUP 1				RISK GROUP 2				RISK GROUP 3			
		Gross Merch	% Decay	Net Merch	FBM	Gross Merch	% Decay	Net Merch	FBM	Gross Merch	% Decay	Net Merch	FBM
0.1 - 5.49													
5.5 - 6.49													
6.5 - 7.49													
7.5 - 8.49													
8.5 - 9.9													
10.0 - 14.9													
15.0 - 19.9													
20.0 - 24.9													
25.0 - 29.9													
30.0 - 34.9													
35.0 - 39.9													
40.0 - 44.9													
45.0 - 49.9													
50.0 - 54.9													
55.0 - 59.9													
60.0 - 64.9													
65.0 - 69.9													
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													

Risk Group Summary							
Risk Groups	1	2	3	1+2	2+3	1+2+3	PL Adjustment
Average LRF							33
Decay							
% Stud Log Net Merch							
% Small Log Net Merch							
% Large Log Net Merch							

FLAGS: Compile All Trees, Dry Belt Fir

Lodgepole Pine - Grey Attack

Total Merch Area: 53.7 Ha

Log Top Dia (cm)	LRF	RISK GROUP 1				RISK GROUP 2				RISK GROUP 3			
		Gross Merch	% Decay	Net Merch	FBM	Gross Merch	% Decay	Net Merch	FBM	Gross Merch	% Decay	Net Merch	FBM
0.1 - 5.49													
5.5 - 6.49													
6.5 - 7.49													
7.5 - 8.49													
8.5 - 9.9													
10.0 - 14.9													
15.0 - 19.9													
20.0 - 24.9													
25.0 - 29.9													
30.0 - 34.9													
35.0 - 39.9													
40.0 - 44.9													
45.0 - 49.9													
50.0 - 54.9													
55.0 - 59.9													
60.0 - 64.9													
65.0 - 69.9													
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													

Risk Group Summary							
Risk Groups	1	2	3	1+2	2+3	1+2+3	PL Adjustment
Average LRF							83
Decay							
% Stud Log Net Merch							
% Small Log Net Merch							
% Large Log Net Merch							

FLAGS: Compile All Trees, Dry Belt Fir

Lodgepole Pine - Dead Potential

Total Merch Area: 53.7 Ha

		RISK GROUP 1				RISK GROUP 2				RISK GROUP 3			
Log Top Dia (cm)	LRF	Gross Merch	% Decay	Net Merch	FBM	Gross Merch	% Decay	Net Merch	FBM	Gross Merch	% Decay	Net Merch	FBM
0.1 - 5.49	91												
5.5 - 6.49	103												
6.5 - 7.49	113												
7.5 - 8.49	123												
8.5 - 9.9	134												
10.0 - 14.9	158					603	1.7	412	64541				
15.0 - 19.9	185					355	1.8	242	44326				
20.0 - 24.9	202					219	2.5	148	29519				
25.0 - 29.9	217												
30.0 - 34.9	226												
35.0 - 39.9	234												
40.0 - 44.9	240												
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						1177	1.9	802	138387				

Risk Group Summary							
Risk Groups	1	2	3	1+2	2+3	1+2+3	PL Adjustment
Average LRF		173		173	173	173	
Decay		1.9		1.9	1.9		
% Stud Log Net Merch		81.5		81.5	81.5		
% Small Log Net Merch		100.0		100.0	100.0		
% Large Log Net Merch		0.0		0.0	0.0		

FLAGS: Compile All Trees, Dry Belt Fir

Spruce

Total Merch Area: 53.7 Ha

Log Top Dia (cm)	LRF	RISK GROUP 1				RISK GROUP 2				RISK GROUP 3			
		Gross Merch	% Decay	Net Merch	FBM	Gross Merch	% Decay	Net Merch	FBM	Gross Merch	% Decay	Net Merch	FBM
0.1 - 5.49	91												
5.5 - 6.49	103												
6.5 - 7.49	113												
7.5 - 8.49	123												
8.5 - 9.9	134												
10.0 - 14.9	158	51	0.6	49	7791	71	2.1	68	10706				
15.0 - 19.9	185	129	0.6	126	23178	34	2.5	33	6014				
20.0 - 24.9	202	131	0.4	128	25794								
25.0 - 29.9	217	27	1.0	27	5756	14	4.0	13	2770				
30.0 - 34.9	226					19	4.0	18	4016				
35.0 - 39.9	234					28	4.0	26	6009				
40.0 - 44.9	240												
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		338	0.6	330	62519	167	2.9	159	29514				

Risk Group Summary						
Risk Groups	1	2	3	1+2	2+3	1+2+3
Average LRF	190	186		188	186	188
Decay	0.6	2.9		1.3	2.9	
% Stud Log Net Merch	53.1	63.9		56.6	63.9	
% Small Log Net Merch	100.0	72.1		90.9	72.1	
% Large Log Net Merch	0.0	27.9		9.1	27.9	

FLAGS: Compile All Trees, Dry Belt Fir

		Total	Conifer	Decid.	H	B	S	PL	L
Utilization Limits									
Min DBH	cm (M)				17.5	17.5	17.5	12.50	17.5
Stump Ht	cm (M)				30	30	30	30.00	30
Top Dia	cm (M)				10.0	10.0	10.0	10.00	10.0
Log Len	m				5.0	5.0	5.0	5.00	5.0
Volume and Size Data									
Gross Merchantable	m3	26809	26809		51	894	505	25243	116
Net Merchantable	m3	25433	25433		49	857	488	23928	110
Net Merch - All	m3/ha	473.621	473.621		0.908	15.966	9.097	445.593	2.057
Net Merch - Live	m3/ha	458.690	458.690		0.908	15.966	9.097	430.662	2.057
Net Merch - DP	m3/ha	14.931	14.931					14.931	
Decay	%	2	2		1	2	1	2	2
Waste	%								
Total Cull (DWB)	%	5	5		4	4	3	5	5
Net Merch Vol/Tree	m3	0.34	0.34		0.21	0.40	0.38	0.34	0.63
Avg 5.0 m Log Net	m3	0.11	0.11		0.11	0.13	0.14	0.11	0.13
Useless Dead/Live	%	3	3			5		2	60
BlowDown	%	2	2					2	
Fire	%								
HeavyFire	%								
Insect	%								
SlopeAverage	%	39							
LRF and Log Summary									
Net Merch - Stud	%	72	72			66	57	72	65
Net Merch - Small Log	%	99	99		100	97	91	99	100
Net Merch - Large Log	%	1	1			3	9	1	
Avg LRF All	bdfm3	180	180		163	182	188	180	184

FLAGS: Compile All Trees, Dry Belt Fir

		Total	Conifer	Decid.	H	B	S	PL	L
Utilization Limits									
Min DBH	cm (M)				17.5	17.5	17.5	12.50	17.5
Stump Ht	cm (M)				30	30	30	30.00	30
Top Dia	cm (M)				10.0	10.0	10.0	10.00	10.0
Log Len	m				5.0	5.0	5.0	5.00	5.0
Volume and Size Data									
Gross Merchantable	m3	26809	26809		51	894	505	25243	116
Net Merchantable	m3	25433	25433		49	857	488	23928	110
Net Merch - All	m3/ha	473.621	473.621		0.908	15.966	9.097	445.593	2.057
Net Merch - Live	m3/ha	458.690	458.690		0.908	15.966	9.097	430.662	2.057
Net Merch - DP	m3/ha	14.931	14.931					14.931	
Decay	%	2	2		1	2	1	2	2
Waste	%								
Total Cull (DWB)	%	5	5		4	4	3	5	5
Net Merch Vol/Tree	m3	0.34	0.34		0.21	0.40	0.38	0.34	0.63
Avg 5.0 m Log Net	m3	0.11	0.11		0.11	0.13	0.14	0.11	0.13
Useless Dead/Live	%	3	3			5		2	60
BlowDown	%	2	2					2	
Fire	%								
HeavyFire	%								
Insect	%								
SlopeAverage	%								
LRF and Log Summary									
Net Merch - Stud	%	72	72			66	57	72	65
Net Merch - Small Log	%	99	99		100	97	91	99	100
Net Merch - Large Log	%	1	1			3	9	1	
Avg LRF All	bdfm/m3	180	180		163	182	188	180	184

FLAGS: Compile All Trees, Dry Belt Fir