

CANADIAN FOREST PRODUCTS LTD.

A18978 - CP# 355

Bradford

Block #: BUH0001, BUH0002, BUH0003, BUH0004, and BUH0005

SUMMARY OF VOLUMES (loss factors) PERCENT REDUCTION APPLIED

21-Aug-2013 01:08:22PM

Cruised by: YVAN KATHRINER, NONE,
Compiled by: canadain forest products ltd.



Cruise Compilation Project Report

Project Identification		Compilation Specifications	
Location of Cruise	: Bradford	Volume and Taper Equations	: A. Kozak 1989
Licence	: A18978	Decay Waste and Breakage Factors	: BCFS Zonal and PSYU
Project Number	: 1	Compiled By	: canadain forest products ltd.
Cutting Permit	: 355	Cruised By	: YVAN KATHRINER, NONE,
Forest Inventory Zone	: F	Under Licence From	: Industrial Forestry Service Ltd.
Forest District	: 11	Program Version	: 2013.01
Sustained Yield Unit	: PSYU : Cranbrook	Date of Compilation	: 21-Aug-2013 : 01:08:22PM
		Method	: Average Line Method

FLAGS: Percent Reduction Applied, Normal Cruise, All Trees Compiled, Double Sampling Factor Applied, Damage, , Dry Belt Fir

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

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

Block Areas

Blocks	Total	CONV	CABLE	Treatment Units
Block 001				
Type 1	43.20	34.20	9.00	
Total	43.20	34.20	9.00	
Block 002				
Type 2	51.00	51.00		
Total	51.00	51.00		
Block 003				
Type 3	1.90	1.90		
Total	1.90	1.90		
Block 004				
Type 4	9.70	9.70		
Total	9.70	9.70		
Block 005				
Type 5	9.40	9.40		
Total	9.40	9.40		

Harvest Method Areas

Harvest Methods	Total	CONV	CABLE	Treatment Units
Method CC				
Type 1	9.00		9.00	
Total	9.00		9.00	
Method SC				
Type 1	34.20	34.20		

*** FOR APPRAISAL PURPOSES ***

CANADIAN FOREST PRODUCTS LTD.

Cruise Compilation Project Report

Harvest Methods	Total	CONV	CABLE	Treatment Units
Method SC				
Type 2	51.00	51.00		
Type 3	1.90	1.90		
Type 4	9.70	9.70		
Type 5	9.40	9.40		
Total	106.20	106.20		

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

Net Area: [All Treatment Units : 115.2]

All Method Summary

Species		Net Volume (m3)			Net Volume / ha			Decay%	Stud	LRF	All
Code	Description	All	Live	DP	All	Live	DP		Log%		Burn%
BA	Balsam	1129	1094	35	9.797	9.496	0.301	4	69	176	0
FI	Doug-Fir	184	184	0	1.596	1.596	0.000	2	50	174	0
LA	Larch	2546	2404	142	22.101	20.865	1.236	2	58	185	0
LO	L.P. Pine	26452	23082	3370	229.617	200.364	29.253	2	69	175	0
SP	Spruce	1512	1374	138	13.123	11.926	1.197	3	68	180	0
	Conifer	31822	28137	3685	276.233	244.246	31.987	3	68		0
	Total	31822	28137	3685	276.233	244.246	31.987	3	68		0

Harvesting Method Summaries

Species	Harvest	Net	Average	Net Vol	Net Vol/ha	Defect%	Partial	All	Heavy	Down	Dead
	Method	Volume	Slope%	/Tree		(DWB)	Cut%	Fire%	Fire%	Tree%	Useless%
All Species	CC	2815	64	0.27	312.818	6	99	0	0	4	0
	SC	29007	52	0.29	273.133	8	99	0	0	9	0
	All Methods	31822	53	0.29	276.233	8	99	0	0	8	0
Conifer	CC	2815	64	0.27	312.818	6	99	0	0	4	0
	SC	29007	52	0.29	273.133	8	99	0	0	9	0
	All Methods	31822	53	0.29	276.233	8	99	0	0	8	0

Insect Damage Net Volume (m3)				L.P. Pine Red/Grey Attack % of Conifer by Block				
	L.P. Pine		All Other Conifer	001: 8%	002: 4%	003: 15%	004: 2%	005: 11%
Green Attack	Red Attack	Grey Attack	Insect Damage					
1286	1086	883	75					

Cutting Authority

See pre reduction compilation for statistics
Plots/Ha 0.6
Cruised Trees/Plot 5.0
Cruise Date (yy-mm): 12-10
Plots: 69 # <= 5yrs: 69 # > 5yrs: 0 # > 10yrs: 0 # no date: 0

FLAGS: Percent Reduction Applied, Normal Cruise, All Trees Compiled, Double Sampling Factor Applied, Damage, , Dry Belt Fir

*** FOR APPRAISAL PURPOSES ***

P E R C E N T R E D U C T I O N A P P L I E D

MAS- 1 , p5

Map Area Statement Report

Average Line Method
 CANADIAN FOREST PRODUCTS LTD.
 Licence Number: A18978 CP: 355
 Project: 1

Grades: MOF Computerized
 Computerized Decay
 Computerized Waste
 Computerized Breakage

FIZ: F
 PSYU: Cranbrook
 Region: 2 - Southern Interior
 District: 11 - Rocky Mountain

21-Aug-2013 01:08:22PM
 Filename: a18978-355.ccp
 Compiled by: canadain forest products ltd.
 Cruised by: YVAN KATHRINER, NONE,
 Version: 2013.01 IFS build 5833

Card A Cruise Identity

Licence # : A18978
 Number of Blocks : 5
 Forest District : Rocky Mountain
 Unit No : Cranbrook
 Quota : Prop./Mngd.PSYU,TFL,or SSA
 Elevation : 1540
 East : 0
 Total Merch Area : 115.20
 Locality : Bradford

Cutting Permit # : 355
 Forest Region : Southern Interior
 Type : PSYU
 Tenure : Forest Licence (INTERIOR)
 Sale Type : None
 Co-ordinates Zone : Zone 11
 North : 0
 Report Type : *** FOR APPRAISAL PURPOSES ***

Card B Compilation Standard

Damage : Damage
 Double Sampling : Measure and Counts Plots
 Species Compilation : Exceptions Used

Selective : Compile All Trees
 Special Compilation : Interior Dry Belt Fir
 Type of Compilation : Interior

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

Card C Type Description

Type	Description	A	B	Silvicultural Treatment Units
1	Pl9Lw1(BlSx)	34.2	9.0	
2	Pl9Lw1(BlSx)	51.0		
3	Se BlPl	1.9		
4	Pl9Lw1(BlSx)	9.7		
5	Pl9Lw1(BlSx)	9.4		

Card D Block Description

Block	Description	Maturity	Type	A	B	Silvicultural Treatment Units
001	BUH0001	M	1	34.2	9.0	
002	BUH0002	M	2	51.0		
003	BUH0003	M	3	1.9		
004	BUH0004	M	4	9.7		
005	BUH0005	M	5	9.4		

Card F Harvesting Description

Harvest Method	Harvest Description	Type	A	B	Silvicultural Treatment Units
CC	Cable - Clearcut	1		9.0	
SC	Ground Systems - Clearcut	1	34.2		
		2	51.0		
		3	1.9		
		4	9.7		
		5	9.4		

FLAGS: Percent Reduction Applied, Normal Cruise, All Trees Compiled, Double Sampling Factor Applied, Damage, , Dry Belt Fir

*** FOR APPRAISAL PURPOSES ***		P E R C E N T R E D U C T I O N A P P L I E D		MAS- 2 , p6
		Map Area Statement Report		21-Aug-2013 01:08:22PM
Average Line Method	Grades: MOF Computerized	FIZ: F	Filename: a18978-355.ccp	
CANADIAN FOREST PRODUCTS LTD.	Computerized Decay	PSYU: Cranbrook	Compiled by: canadain forest products ltd.	
Licence Number: A18978 CP: 355	Computerized Waste	Region: 2 - Southern Interior	Cruised by: YVAN KATHRINER, NONE,	
Project: 1	Computerized Breakage	District: 11 - Rocky Mountain	Version: 2013.01 IFS build 5833	

Card G Treatment Unit Description

Treatment Unit	Description
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A	CONV
B	CABLE

FLAGS: Percent Reduction Applied, Normal Cruise, All Trees Compiled, Double Sampling Factor Applied, Damage, , Dry Belt Fir

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*** FOR APPRAISAL PURPOSES ***				P E R C E N T R E D U C T I O N A P P L I E D												REDUC- 1 , p7											
				Percent Reductions Applied												21-Aug-2013 01:08:22PM											
Average Line Method				Grades: MOF Computerized												Filename: a18978-355.ccp											
CANADIAN FOREST PRODUCTS LTD.				Computerized Decay												Compiled by: canadain forest products ltd.											
Licence Number: A18978 CP: 355				Computerized Waste												Cruised by: YVAN KATHRINER, NONE,											
Project: 1				Computerized Breakage												Version: 2013.01 IFS build 5833											

Criteria						DBH Class																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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FLAGS: Percent Reduction Applied, Normal Cruise, All Trees Compiled, Double Sampling Factor Applied, Damage, , Dry Belt Fir

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*** FOR APPRAISAL PURPOSES ***		P E R C E N T R E D U C T I O N A P P L I E D			TS- 1 , p8	
		Type Summary			21-Aug-2013 01:08:22PM	
Average Line Method		Grades: MOF Computerized			Filename: a18978-355.ccp	
CANADIAN FOREST PRODUCTS LTD.		Computerized Decay			PSYU: Cranbrook	
Licence Number: A18978 CP: 355		Computerized Waste			Region: 2 - Southern Interior	
Project: 1		Computerized Breakage			District: 11 - Rocky Mountain	
					Compiled by: canadain forest products ltd.	
					Cruised by: YVAN KATHRINER, NONE,	
					Version: 2013.01 IFS build 5833	

Net Area: Type 1 (M):Pl9Lw1(BlSx), Plots in Type: 22, TUs: [All Treatment Units : 43.2]

		Total	Conifer	F	B	S	PL	L
Utilization Limits								
Min DBH	cm (M)			17.5	17.5	17.5	12.5	17.5
Stump Ht	cm (M)			30.0	30.0	30.0	30.0	30.0
Top Dia	cm (M)			10.0	10.0	10.0	10.0	10.0
Log Len	m			5.0	5.0	5.0	5.0	5.0
Volume and Size Data								
Gross Merchantable	m3	14328	14328	178	802	198	12501	648
Net Merchantable	m3	13514	13514	171	773	188	11763	619
Net Merch - All	m3/ha	313	313	4	18	4	272	14
Distribution	%	100	100	1	6	1	87	5
Decay	%	2	2	2	2	3	2	2
Waste	%							
Waste(billing)	%							
Breakage	%	4	4	2	2	2	4	3
Total Cull (DWB)	%	6	6	4	4	5	6	5
Stems/Ha (Live & DP)		1156.6	1156.6	6.9	72.4	14.4	1012.9	49.9
Avg DBH (Live & DP)	cm	20.8	20.8	31.9	22.4	23.7	20.4	22.6
Snags/Ha								
Avg Snag DBH	cm							
Gross Merch Vol/Tree	m3	0.29	0.29	0.59	0.26	0.32	0.29	0.30
Net Merch Vol/Tree	m3	0.27	0.27	0.57	0.25	0.30	0.27	0.29
Avg Weight Total Ht	m	21.9	21.9	23.1	18.0	20.2	22.1	23.2
Avg Weight Merch Ht	m	16.1	16.1	17.7	12.7	15.0	16.3	16.4
Avg 5.0 m Log Net	m3	0.11	0.11	0.16	0.13	0.13	0.11	0.09
Avg 5.0 m Log Gross	m3	0.11	0.11	0.16	0.13	0.13	0.11	0.09
Avg # of 5.0 m Logs/Tree		2.55	2.55	3.68	1.94	2.38	2.55	3.35
Net Immature	%	100.0	100.0	100.0	100.0	100.0	100.0	100.0

LRF and Log Summary								
Net Merch - Stud	%	67.7	67.7	46.1	58.8	54.0	68.1	81.0
Net Merch - Small Log	%	95.7	95.7	100.0	100.0	72.1	95.5	100.0
Net Merch - Large Log	%	4.3	4.3			27.9	4.5	
Avg LRF All	bdft/m3			175.9	179.6	187.3	176.0	174.8

Statistical Summary								
Coeff. of Variation	%	33.3	33.3	253.4	181.9	239.0	43.4	187.7
Two Standard Error	%	14.8	14.8	206.3	68.2	198.0	18.4	87.8
Number and Type of Plots	MP = 12 CP = 10							
Number of Potential Trees	64							
Plots/Ha	0.5							
Cruised Trees/Plot	5.7							

FLAGS: Percent Reduction Applied, Normal Cruise, All Trees Compiled, Double Sampling Factor Applied, Damage, , Dry Belt Fir

*** FOR APPRAISAL PURPOSES ***		P E R C E N T R E D U C T I O N A P P L I E D			TS- 2 , p9	
		Type Summary			21-Aug-2013 01:08:22PM	
Average Line Method		Grades: MOF Computerized			Filename: a18978-355.ccp	
CANADIAN FOREST PRODUCTS LTD.		Computerized Decay			PSYU: Cranbrook	
Licence Number: A18978 CP: 355		Computerized Waste			Region: 2 - Southern Interior	
Project: 1		Computerized Breakage			District: 11 - Rocky Mountain	
					Compiled by: canadain forest products ltd.	
					Cruised by: YVAN KATHRINER, NONE,	
					Version: 2013.01 IFS build 5833	

Net Area: Type 1 (M):Pl9Lw1(BlSx), Plots in Type: 22, TUs: [CONV : 34.2]

		Total	Conifer	F	B	S	PL	L
Utilization Limits								
Min DBH	cm (M)			17.5	17.5	17.5	12.5	17.5
Stump Ht	cm (M)			30.0	30.0	30.0	30.0	30.0
Top Dia	cm (M)			10.0	10.0	10.0	10.0	10.0
Log Len	m			5.0	5.0	5.0	5.0	5.0
Volume and Size Data								
Gross Merchantable	m3	11343	11343	141	635	157	9897	513
Net Merchantable	m3	10698	10698	135	612	149	9312	490
Net Merch - All	m3/ha	313	313	4	18	4	272	14
Distribution	%	100	100	1	6	1	87	5
Decay	%	2	2	2	2	3	2	2
Waste	%							
Waste(billing)	%							
Breakage	%	4	4	2	2	2	4	3
Total Cull (DWB)	%	6	6	4	4	5	6	5
Stems/Ha (Live & DP)		1156.6	1156.6	6.9	72.4	14.4	1012.9	49.9
Avg DBH (Live & DP)	cm	20.8	20.8	31.9	22.4	23.7	20.4	22.6
Snags/Ha								
Avg Snag DBH	cm							
Gross Merch Vol/Tree	m3	0.29	0.29	0.59	0.26	0.32	0.29	0.30
Net Merch Vol/Tree	m3	0.27	0.27	0.57	0.25	0.30	0.27	0.29
Avg Weight Total Ht	m	21.9	21.9	23.1	18.0	20.2	22.1	23.2
Avg Weight Merch Ht	m	16.1	16.1	17.7	12.7	15.0	16.3	16.4
Avg 5.0 m Log Net	m3	0.11	0.11	0.16	0.13	0.13	0.11	0.09
Avg 5.0 m Log Gross	m3	0.11	0.11	0.16	0.13	0.13	0.11	0.09
Avg # of 5.0 m Logs/Tree		2.55	2.55	3.68	1.94	2.38	2.55	3.35
Net Immature	%	100.0	100.0	100.0	100.0	100.0	100.0	100.0

LRF and Log Summary

Net Merch - Stud	%	67.7	67.7	46.1	58.8	54.0	68.1	81.0
Net Merch - Small Log	%	95.7	95.7	100.0	100.0	72.1	95.5	100.0
Net Merch - Large Log	%	4.3	4.3			27.9	4.5	
Avg LRF All	bdft/m3			175.9	179.6	187.3	176.0	174.8

Statistical Summary

Coeff. of Variation	%	33.3	33.3	253.4	181.9	239.0	43.4	187.7
Two Standard Error	%	14.8	14.8	206.3	68.2	198.0	18.4	87.8
Number and Type of Plots	MP = 12 CP = 10							
Number of Potential Trees	64							
Plots/Ha	0.5							
Cruised Trees/Plot	5.7							

FLAGS: Percent Reduction Applied, Normal Cruise, All Trees Compiled, Double Sampling Factor Applied, Damage, , Dry Belt Fir

*** FOR APPRAISAL PURPOSES ***		P E R C E N T R E D U C T I O N A P P L I E D			TS- 3 , p10	
		Type Summary			21-Aug-2013 01:08:22PM	
Average Line Method		Grades: MOF Computerized			Filename: a18978-355.ccp	
CANADIAN FOREST PRODUCTS LTD.		Computerized Decay			PSYU: Cranbrook	
Licence Number: A18978 CP: 355		Computerized Waste			Region: 2 - Southern Interior	
Project: 1		Computerized Breakage			District: 11 - Rocky Mountain	
					Compiled by: canadain forest products ltd.	
					Cruised by: YVAN KATHRINER, NONE,	
					Version: 2013.01 IFS build 5833	

Net Area: Type 1 (M):Pl9Lw1(BlSx), Plots in Type: 22, TUs: [CABLE : 9.0]

		Total	Conifer	F	B	S	PL	L
Utilization Limits								
Min DBH	cm (M)			17.5	17.5	17.5	12.5	17.5
Stump Ht	cm (M)			30.0	30.0	30.0	30.0	30.0
Top Dia	cm (M)			10.0	10.0	10.0	10.0	10.0
Log Len	m			5.0	5.0	5.0	5.0	5.0
Volume and Size Data								
Gross Merchantable	m3	2985	2985	37	167	41	2604	135
Net Merchantable	m3	2815	2815	36	161	39	2451	129
Net Merch - All	m3/ha	313	313	4	18	4	272	14
Distribution	%	100	100	1	6	1	87	5
Decay	%	2	2	2	2	3	2	2
Waste	%							
Waste(billing)	%							
Breakage	%	4	4	2	2	2	4	3
Total Cull (DWB)	%	6	6	4	4	5	6	5
Stems/Ha (Live & DP)		1156.6	1156.6	6.9	72.4	14.4	1012.9	49.9
Avg DBH (Live & DP)	cm	20.8	20.8	31.9	22.4	23.7	20.4	22.6
Snags/Ha								
Avg Snag DBH	cm							
Gross Merch Vol/Tree	m3	0.29	0.29	0.59	0.26	0.32	0.29	0.30
Net Merch Vol/Tree	m3	0.27	0.27	0.57	0.25	0.30	0.27	0.29
Avg Weight Total Ht	m	21.9	21.9	23.1	18.0	20.2	22.1	23.2
Avg Weight Merch Ht	m	16.1	16.1	17.7	12.7	15.0	16.3	16.4
Avg 5.0 m Log Net	m3	0.11	0.11	0.16	0.13	0.13	0.11	0.09
Avg 5.0 m Log Gross	m3	0.11	0.11	0.16	0.13	0.13	0.11	0.09
Avg # of 5.0 m Logs/Tree		2.55	2.55	3.68	1.94	2.38	2.55	3.35
Net Immature	%	100.0	100.0	100.0	100.0	100.0	100.0	100.0

LRF and Log Summary								
Net Merch - Stud	%	67.7	67.7	46.1	58.8	54.0	68.1	81.0
Net Merch - Small Log	%	95.7	95.7	100.0	100.0	72.1	95.5	100.0
Net Merch - Large Log	%	4.3	4.3			27.9	4.5	
Avg LRF All	bdft/m3			175.9	179.6	187.3	176.0	174.8

Statistical Summary								
Coeff. of Variation	%	33.3	33.3	253.4	181.9	239.0	43.4	187.7
Two Standard Error	%	14.8	14.8	206.3	68.2	198.0	18.4	87.8
Number and Type of Plots	MP = 12 CP = 10							
Number of Potential Trees	64							
Plots/Ha	0.5							
Cruised Trees/Plot	5.7							

FLAGS: Percent Reduction Applied, Normal Cruise, All Trees Compiled, Double Sampling Factor Applied, Damage, , Dry Belt Fir

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*** FOR APPRAISAL PURPOSES ***		P E R C E N T R E D U C T I O N A P P L I E D			TS- 4 , p11	
		Type Summary			21-Aug-2013 01:08:22PM	
Average Line Method		Grades: MOF Computerized			Filename: a18978-355.ccp	
CANADIAN FOREST PRODUCTS LTD.		Computerized Decay			PSYU: Cranbrook	
Licence Number: A18978 CP: 355		Computerized Waste			Region: 2 - Southern Interior	
Project: 1		Computerized Breakage			District: 11 - Rocky Mountain	
					Compiled by: canadain forest products ltd.	
					Cruised by: YVAN KATHRINER, NONE,	
					Version: 2013.01 IFS build 5833	

Net Area: Type 2 (M):Pl9Lw1(BlSx), Plots in Type: 27, TUs: [CONV : 51.0]

		Total	Conifer	F	B	S	PL	L
Utilization Limits								
Min DBH	cm (M)			17.5	17.5	17.5	12.5	17.5
Stump Ht	cm (M)			30.0	30.0	30.0	30.0	30.0
Top Dia	cm (M)			10.0	10.0	10.0	10.0	10.0
Log Len	m			5.0	5.0	5.0	5.0	5.0
Volume and Size Data								
Gross Merchantable	m3	14019	14019		211	881	11312	1615
Net Merchantable	m3	12962	12962		207	856	10360	1538
Net Merch - All	m3/ha	254	254		4	17	203	30
Distribution	%	100	100		2	7	80	12
Decay	%	2	2			1	2	2
Waste	%							
Waste(billing)	%							
Breakage	%	6	6		2	2	7	3
Total Cull (DWB)	%	8	8		2	3	8	5
Stems/Ha (Live & DP)		842.0	842.0		19.6	69.4	689.6	63.4
Avg DBH (Live & DP)	cm	21.9	21.9		19.6	20.9	21.4	27.4
Snags/Ha								
Avg Snag DBH	cm							
Gross Merch Vol/Tree	m3	0.33	0.33		0.21	0.25	0.32	0.50
Net Merch Vol/Tree	m3	0.30	0.30		0.21	0.24	0.29	0.48
Avg Weight Total Ht	m	22.5	22.5		18.3	19.6	22.2	26.7
Avg Weight Merch Ht	m	16.8	16.8		11.4	12.9	16.6	20.8
Avg 5.0 m Log Net	m3	0.11	0.11		0.11	0.11	0.11	0.14
Avg 5.0 m Log Gross	m3	0.11	0.11		0.11	0.11	0.11	0.14
Avg # of 5.0 m Logs/Tree		2.85	2.85		2.00	2.29	2.86	3.62
Net Immature	%	100.0	100.0		100.0	100.0	100.0	100.0

LRF and Log Summary								
Net Merch - Stud	%	71.4	71.4		100.0	89.0	72.4	51.0
Net Merch - Small Log	%	99.1	99.1		100.0	100.0	98.9	100.0
Net Merch - Large Log	%	0.9	0.9				1.1	
Avg LRF All	bdft/m3				173.5	169.9	175.2	187.0

Statistical Summary								
Coeff. of Variation	%	62.8	62.8		387.3	187.7	89.2	143.6
Two Standard Error	%	26.1	26.1		137.9	83.7	34.9	74.1
Number and Type of Plots		MP = 15	CP = 12					
Number of Potential Trees		61						
Plots/Ha		0.5						
Cruised Trees/Plot		4.0						

FLAGS: Percent Reduction Applied, Normal Cruise, All Trees Compiled, Double Sampling Factor Applied, Damage, , Dry Belt Fir

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*** FOR APPRAISAL PURPOSES ***		P E R C E N T R E D U C T I O N A P P L I E D			TS- 5 , p12	
		Type Summary			21-Aug-2013 01:08:22PM	
Average Line Method		Grades: MOF Computerized			Filename: a18978-355.ccp	
CANADIAN FOREST PRODUCTS LTD.		Computerized Decay			PSYU: Cranbrook	
Licence Number: A18978 CP: 355		Computerized Waste			Region: 2 - Southern Interior	
Project: 1		Computerized Breakage			District: 11 - Rocky Mountain	
					Compiled by: canadain forest products ltd.	
					Cruised by: YVAN KATHRINER, NONE,	
					Version: 2013.01 IFS build 5833	

Net Area: Type 3 (M):Se BlPl, Plots in Type: 2, TUs: [CONV : 1.9]

		Total	Conifer	F	B	S	PL	L
Utilization Limits								
Min DBH	cm (M)			17.5	17.5	17.5	12.5	17.5
Stump Ht	cm (M)			30.0	30.0	30.0	30.0	30.0
Top Dia	cm (M)			10.0	10.0	10.0	10.0	10.0
Log Len	m			5.0	5.0	5.0	5.0	5.0
Volume and Size Data								
Gross Merchantable	m3	1041	1041		209	469	177	186
Net Merchantable	m3	857	857		149	415	129	165
Net Merch - All	m3/ha	451	451		78	218	68	87
Distribution	%	100	100		17	48	15	19
Decay	%	10	10		19	8	7	6
Waste	%	3	3		8	2	4	1
Waste(billing)	%	4	4		11	2	6	1
Breakage	%	5	5		2	2	16	4
Total Cull (DWB)	%	18	18		29	12	27	11
Stems/Ha (Live & DP)		851.4	851.4	356.8	363.1	93.6	37.9	
Avg DBH (Live & DP)	cm	29.6	29.6	21.9	30.8	35.0	55.0	
Snags/Ha								
Avg Snag DBH	cm							
Gross Merch Vol/Tree	m3	0.64	0.64	0.31	0.68	1.00	2.58	
Net Merch Vol/Tree	m3	0.53	0.53	0.22	0.60	0.72	2.30	
Avg Weight Total Ht	m	26.6	26.6	21.2	25.7	25.5	36.6	
Avg Weight Merch Ht	m	21.8	21.8	14.7	20.7	21.1	31.9	
Avg 5.0 m Log Net	m3	0.17	0.17	0.08	0.20	0.20	0.40	
Avg 5.0 m Log Gross	m3	0.20	0.20	0.11	0.22	0.23	0.43	
Avg # of 5.0 m Logs/Tree		3.24	3.24	2.73	3.15	4.40	6.00	
Net Immature	%							

LRF and Log Summary								
Net Merch - Stud	%	30.5	30.5	81.1	25.2	20.7	5.9	
Net Merch - Small Log	%	72.0	72.0	100.0	75.6	81.4	30.3	
Net Merch - Large Log	%	28.0	28.0		24.4	18.6	69.7	
Avg LRF All	bdft/m3			162.8	196.8	142.5	215.6	

Statistical Summary								
Coeff. of Variation	%	16.9	16.9	141.4	14.7	141.4	141.4	
Two Standard Error	%	151.8	151.8	1270.6	131.8	1270.6	1270.6	
Number and Type of Plots	MP =	2						
Number of Potential Trees		13						
Plots/Ha		1.1						
Cruised Trees/Plot		6.5						

FLAGS: Percent Reduction Applied, Normal Cruise, All Trees Compiled, Double Sampling Factor Applied, Damage, , Dry Belt Fir

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*** FOR APPRAISAL PURPOSES ***		P E R C E N T R E D U C T I O N A P P L I E D			TS- 6 , p13	
		Type Summary			21-Aug-2013 01:08:22PM	
Average Line Method		Grades: MOF Computerized			Filename: a18978-355.ccp	
CANADIAN FOREST PRODUCTS LTD.		Computerized Decay			PSYU: Cranbrook	
Licence Number: A18978 CP: 355		Computerized Waste			Region: 2 - Southern Interior	
Project: 1		Computerized Breakage			District: 11 - Rocky Mountain	
					Compiled by: canadain forest products ltd.	
					Cruised by: YVAN KATHRINER, NONE,	
					Version: 2013.01 IFS build 5833	

Net Area: Type 4 (M):Pl9Lw1(BlSx), Plots in Type: 8, TUs: [CONV : 9.7]

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

Volume and Size Data								
Gross Merchantable	m3	1966	1966	14		56	1895	
Net Merchantable	m3	1647	1647	13		53	1581	
Net Merch - All	m3/ha	170	170	1		5	163	
Distribution	%	100	100	1		3	96	
Decay	%	8	8	5		4	8	
Waste	%	3	3				3	
Waste(billing)	%	4	4				4	
Breakage	%	5	5	2		2	5	
Total Cull (DWB)	%	16	16	7		6	17	
Stems/Ha (Live & DP)		699.2	699.2	9.9		16.0	673.2	
Avg DBH (Live & DP)	cm	22.0	22.0	22.0		24.4	22.0	
Snags/Ha								
Avg Snag DBH	cm							
Gross Merch Vol/Tree	m3	0.29	0.29	0.15		0.36	0.29	
Net Merch Vol/Tree	m3	0.24	0.24	0.14		0.34	0.24	
Avg Weight Total Ht	m	19.0	19.0	12.4		20.3	19.0	
Avg Weight Merch Ht	m	13.8	13.8	7.9		14.3	13.8	
Avg 5.0 m Log Net	m3	0.10	0.10	0.07		0.11	0.10	
Avg 5.0 m Log Gross	m3	0.11	0.11	0.07		0.12	0.11	
Avg # of 5.0 m Logs/Tree		2.55	2.55	2.00		3.00	2.55	
Net Immature	%							

LRF and Log Summary								
Net Merch - Stud	%	81.2	81.2	100.0		100.0	80.4	
Net Merch - Small Log	%	97.9	97.9	100.0		100.0	97.8	
Net Merch - Large Log	%	2.1	2.1				2.2	
Avg LRF All	bdft/m3			147.5		176.9	169.9	

Statistical Summary								
Coeff. of Variation	%	26.9	26.9	223.6		223.6	32.4	
Two Standard Error	%	28.5	28.5	299.2		299.2	33.5	
Number and Type of Plots	MP = 5	CP = 3						
Number of Potential Trees	28							
Plots/Ha	0.8							
Cruised Trees/Plot	4.5							

FLAGS: Percent Reduction Applied, Normal Cruise, All Trees Compiled, Double Sampling Factor Applied, Damage, , Dry Belt Fir

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*** FOR APPRAISAL PURPOSES ***		P E R C E N T R E D U C T I O N A P P L I E D			TS- 7 , p14	
		Type Summary			21-Aug-2013 01:08:22PM	
Average Line Method		FIZ: F			Filename: a18978-355.ccp	
CANADIAN FOREST PRODUCTS LTD.		PSYU: Cranbrook			Compiled by: canadain forest products ltd.	
Licence Number: A18978 CP: 355		Region: 2 - Southern Interior			Cruised by: YVAN KATHRINER, NONE,	
Project: 1		District: 11 - Rocky Mountain			Version: 2013.01 IFS build 5833	

Net Area: Type 5 (M):Pl9Lw1(BlSx), Plots in Type: 10, TUs: [CONV : 9.4]

		Total	Conifer	F	B	S	PL	L
Utilization Limits								
Min DBH	cm (M)			17.5	17.5	17.5	12.5	17.5
Stump Ht	cm (M)			30.0	30.0	30.0	30.0	30.0
Top Dia	cm (M)			10.0	10.0	10.0	10.0	10.0
Log Len	m			5.0	5.0	5.0	5.0	5.0
Volume and Size Data								
Gross Merchantable	m3	3128	3128				2894	234
Net Merchantable	m3	2843	2843				2619	224
Net Merch - All	m3/ha	302	302				279	24
Distribution	%	100	100				92	8
Decay	%	2	2				2	1
Waste	%							
Waste(billing)	%							
Breakage	%	7	7				7	3
Total Cull (DWB)	%	9	9				10	4
Stems/Ha (Live & DP)		798.5	798.5				715.9	82.7
Avg DBH (Live & DP)	cm	24.1	24.1				24.2	22.5
Snags/Ha								
Avg Snag DBH	cm							
Gross Merch Vol/Tree	m3	0.42	0.42				0.43	0.30
Net Merch Vol/Tree	m3	0.38	0.38				0.39	0.29
Avg Weight Total Ht	m	23.0	23.0				22.9	23.7
Avg Weight Merch Ht	m	17.7	17.7				17.8	16.9
Avg 5.0 m Log Net	m3	0.13	0.13				0.14	0.11
Avg 5.0 m Log Gross	m3	0.14	0.14				0.14	0.11
Avg # of 5.0 m Logs/Tree		3.06	3.06				3.10	2.75
Net Immature	%	100.0	100.0				100.0	100.0

LRF and Log Summary								
Net Merch - Stud	%	55.9	55.9				53.8	80.4
Net Merch - Small Log	%	95.8	95.8				95.8	96.1
Net Merch - Large Log	%	4.2	4.2				4.2	3.9
Avg LRF All	bdft/m3						176.2	176.0

Statistical Summary								
Coeff. of Variation	%	40.3	40.3				43.8	156.8
Two Standard Error	%	30.3	30.3				31.9	160.5
Number and Type of Plots	MP = 7	CP = 3						
Number of Potential Trees	46							
Plots/Ha	1.1							
Cruised Trees/Plot	6.2							

FLAGS: Percent Reduction Applied, Normal Cruise, All Trees Compiled, Double Sampling Factor Applied, Damage, , Dry Belt Fir

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*** FOR APPRAISAL PURPOSES ***		P E R C E N T R E D U C T I O N A P P L I E D			BS- 1 , p15	
		Block Summary			21-Aug-2013 01:08:22PM	
Average Line Method		Grades: MOF Computerized			Filename: a18978-355.ccp	
CANADIAN FOREST PRODUCTS LTD.		Computerized Decay			PSYU: Cranbrook	
Licence Number: A18978 CP: 355		Computerized Waste			Region: 2 - Southern Interior	
Project: 1		Computerized Breakage			District: 11 - Rocky Mountain	
					Compiled by: canadain forest products ltd.	
					Cruised by: YVAN KATHRINER, NONE,	
					Version: 2013.01 IFS build 5833	

Net Area: Block : (M) - 001:BUH0001, Plots in Block: 22, TUs: [All Treatment Units : 43.2]
Gross Area: [R/W Removed : 6.8][WTP : 0.8][Grand Total : 50.8]

		Total	Conifer	F	B	S	PL	L
Utilization Limits								
Min DBH	cm (M)			17.5	17.5	17.5	12.5	17.5
Stump Ht	cm (M)			30.0	30.0	30.0	30.0	30.0
Top Dia	cm (M)			10.0	10.0	10.0	10.0	10.0
Log Len	m			5.0	5.0	5.0	5.0	5.0
Volume and Size Data								
Gross Merchantable	m3	14328	14328	178	802	198	12501	648
Net Merchantable	m3	13514	13514	171	773	188	11763	619
Net Merch - All	m3/ha	313	313	4	18	4	272	14
Distribution	%	100	100	1	6	1	87	5
Decay	%	2	2	2	2	3	2	2
Waste	%							
Waste(billing)	%							
Breakage	%	4	4	2	2	2	4	3
Total Cull (DWB)	%	6	6	4	4	5	6	5
Stems/Ha (Live & DP)		1156.6	1156.6	6.9	72.4	14.4	1012.9	49.9
Avg DBH (Live & DP)	cm	20.8	20.8	31.9	22.4	23.7	20.4	22.6
Snags/Ha								
Avg Snag DBH	cm							
Gross Merch Vol/Tree	m3	0.29	0.29	0.59	0.26	0.32	0.29	0.30
Net Merch Vol/Tree	m3	0.27	0.27	0.57	0.25	0.30	0.27	0.29
Avg Weight Total Ht	m	21.9	21.9	23.1	18.0	20.2	22.1	23.2
Avg Weight Merch Ht	m	16.1	16.1	17.7	12.7	15.0	16.3	16.4
Avg 5.0 m Log Net	m3	0.11	0.11	0.16	0.13	0.13	0.11	0.09
Avg 5.0 m Log Gross	m3	0.11	0.11	0.16	0.13	0.13	0.11	0.09
Avg # of 5.0 m Logs/Tree		2.55	2.55	3.68	1.94	2.38	2.55	3.35
Net Immature	%	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Average Slope	%	51						
LRF and Log Summary								
Net Merch - Stud	%	67.7	67.7	46.1	58.8	54.0	68.1	81.0
Net Merch - Small Log	%	95.7	95.7	100.0	100.0	72.1	95.5	100.0
Net Merch - Large Log	%	4.3	4.3			27.9	4.5	
Avg LRF All	bdft/m3			175.9	179.6	187.3	176.0	174.8
Statistical Summary								
Coeff. of Variation	%	24.7	24.7	343.6	113.6	329.7	30.7	146.3
Two Standard Error	%	14.8	14.8	206.3	68.2	198.0	18.4	87.8
Number and Type of Plots		MP = 12	CP = 10					
Number of Potential Trees		64						
Plots/Ha		0.5						
Cruised Trees/Plot		5.7						

FLAGS: Percent Reduction Applied, Normal Cruise, All Trees Compiled, Double Sampling Factor Applied, Damage, , Dry Belt Fir

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*** FOR APPRAISAL PURPOSES ***		P E R C E N T R E D U C T I O N A P P L I E D			BS- 2 , p16	
		Block Summary			21-Aug-2013 01:08:22PM	
Average Line Method		Grades: MOF Computerized			Filename: a18978-355.ccp	
CANADIAN FOREST PRODUCTS LTD.		Computerized Decay			PSYU: Cranbrook	
Licence Number: A18978 CP: 355		Computerized Waste			Region: 2 - Southern Interior	
Project: 1		Computerized Breakage			District: 11 - Rocky Mountain	
					Compiled by: canadain forest products ltd.	
					Cruised by: YVAN KATHRINER, NONE,	
					Version: 2013.01 IFS build 5833	

Net Area: Block : (M) - 001:BUH0001, Plots in Block: 22, TUs: [CONV : 34.2]

		Total	Conifer	F	B	S	PL	L
Utilization Limits								
Min DBH	cm (M)			17.5	17.5	17.5	12.5	17.5
Stump Ht	cm (M)			30.0	30.0	30.0	30.0	30.0
Top Dia	cm (M)			10.0	10.0	10.0	10.0	10.0
Log Len	m			5.0	5.0	5.0	5.0	5.0
Volume and Size Data								
Gross Merchantable	m3	11343	11343	141	635	157	9897	513
Net Merchantable	m3	10698	10698	135	612	149	9312	490
Net Merch - All	m3/ha	313	313	4	18	4	272	14
Distribution	%	100	100	1	6	1	87	5
Decay	%	2	2	2	2	3	2	2
Waste	%							
Waste(billing)	%							
Breakage	%	4	4	2	2	2	4	3
Total Cull (DWB)	%	6	6	4	4	5	6	5
Stems/Ha (Live & DP)		1156.6	1156.6	6.9	72.4	14.4	1012.9	49.9
Avg DBH (Live & DP)	cm	20.8	20.8	31.9	22.4	23.7	20.4	22.6
Snags/Ha								
Avg Snag DBH	cm							
Gross Merch Vol/Tree	m3	0.29	0.29	0.59	0.26	0.32	0.29	0.30
Net Merch Vol/Tree	m3	0.27	0.27	0.57	0.25	0.30	0.27	0.29
Avg Weight Total Ht	m	21.9	21.9	23.1	18.0	20.2	22.1	23.2
Avg Weight Merch Ht	m	16.1	16.1	17.7	12.7	15.0	16.3	16.4
Avg 5.0 m Log Net	m3	0.11	0.11	0.16	0.13	0.13	0.11	0.09
Avg 5.0 m Log Gross	m3	0.11	0.11	0.16	0.13	0.13	0.11	0.09
Avg # of 5.0 m Logs/Tree		2.55	2.55	3.68	1.94	2.38	2.55	3.35
Net Immature	%	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Average Slope	%	51						
LRF and Log Summary								
Net Merch - Stud	%	67.7	67.7	46.1	58.8	54.0	68.1	81.0
Net Merch - Small Log	%	95.7	95.7	100.0	100.0	72.1	95.5	100.0
Net Merch - Large Log	%	4.3	4.3			27.9	4.5	
Avg LRF All	bdft/m3			175.9	179.6	187.3	176.0	174.8
Statistical Summary								
Coeff. of Variation	%	24.7	24.7	343.6	113.6	329.7	30.7	146.3
Two Standard Error	%	14.8	14.8	206.3	68.2	198.0	18.4	87.8
Number and Type of Plots		MP = 12	CP = 10					
Number of Potential Trees		64						
Plots/Ha		0.5						
Cruised Trees/Plot		5.7						

FLAGS: Percent Reduction Applied, Normal Cruise, All Trees Compiled, Double Sampling Factor Applied, Damage, , Dry Belt Fir

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*** FOR APPRAISAL PURPOSES ***		P E R C E N T R E D U C T I O N A P P L I E D			BS- 3 , p17	
		Block Summary			21-Aug-2013 01:08:22PM	
Average Line Method		Grades: MOF Computerized			Filename: a18978-355.ccp	
CANADIAN FOREST PRODUCTS LTD.		Computerized Decay			PSYU: Cranbrook	
Licence Number: A18978 CP: 355		Computerized Waste			Region: 2 - Southern Interior	
Project: 1		Computerized Breakage			District: 11 - Rocky Mountain	
					Compiled by: canadain forest products ltd.	
					Cruised by: YVAN KATHRINER, NONE,	
					Version: 2013.01 IFS build 5833	

Net Area: Block : (M) - 001:BUH0001, Plots in Block: 22, TUs: [CABLE : 9.0]

		Total	Conifer	F	B	S	PL	L
Utilization Limits								
Min DBH	cm (M)			17.5	17.5	17.5	12.5	17.5
Stump Ht	cm (M)			30.0	30.0	30.0	30.0	30.0
Top Dia	cm (M)			10.0	10.0	10.0	10.0	10.0
Log Len	m			5.0	5.0	5.0	5.0	5.0
Volume and Size Data								
Gross Merchantable	m3	2985	2985	37	167	41	2604	135
Net Merchantable	m3	2815	2815	36	161	39	2451	129
Net Merch - All	m3/ha	313	313	4	18	4	272	14
Distribution	%	100	100	1	6	1	87	5
Decay	%	2	2	2	2	3	2	2
Waste	%							
Waste(billing)	%							
Breakage	%	4	4	2	2	2	4	3
Total Cull (DWB)	%	6	6	4	4	5	6	5
Stems/Ha (Live & DP)		1156.6	1156.6	6.9	72.4	14.4	1012.9	49.9
Avg DBH (Live & DP)	cm	20.8	20.8	31.9	22.4	23.7	20.4	22.6
Snags/Ha								
Avg Snag DBH	cm							
Gross Merch Vol/Tree	m3	0.29	0.29	0.59	0.26	0.32	0.29	0.30
Net Merch Vol/Tree	m3	0.27	0.27	0.57	0.25	0.30	0.27	0.29
Avg Weight Total Ht	m	21.9	21.9	23.1	18.0	20.2	22.1	23.2
Avg Weight Merch Ht	m	16.1	16.1	17.7	12.7	15.0	16.3	16.4
Avg 5.0 m Log Net	m3	0.11	0.11	0.16	0.13	0.13	0.11	0.09
Avg 5.0 m Log Gross	m3	0.11	0.11	0.16	0.13	0.13	0.11	0.09
Avg # of 5.0 m Logs/Tree		2.55	2.55	3.68	1.94	2.38	2.55	3.35
Net Immature	%	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Average Slope	%	51						
LRF and Log Summary								
Net Merch - Stud	%	67.7	67.7	46.1	58.8	54.0	68.1	81.0
Net Merch - Small Log	%	95.7	95.7	100.0	100.0	72.1	95.5	100.0
Net Merch - Large Log	%	4.3	4.3			27.9	4.5	
Avg LRF All	bdft/m3			175.9	179.6	187.3	176.0	174.8
Statistical Summary								
Coeff. of Variation	%	24.7	24.7	343.6	113.6	329.7	30.7	146.3
Two Standard Error	%	14.8	14.8	206.3	68.2	198.0	18.4	87.8
Number and Type of Plots		MP = 12	CP = 10					
Number of Potential Trees		64						
Plots/Ha		0.5						
Cruised Trees/Plot		5.7						

FLAGS: Percent Reduction Applied, Normal Cruise, All Trees Compiled, Double Sampling Factor Applied, Damage, , Dry Belt Fir

*** FOR APPRAISAL PURPOSES ***		P E R C E N T R E D U C T I O N A P P L I E D			BS- 4 , p18	
		Block Summary			21-Aug-2013 01:08:22PM	
Average Line Method		Grades: MOF Computerized			Filename: a18978-355.ccp	
CANADIAN FOREST PRODUCTS LTD.		Computerized Decay			PSYU: Cranbrook	
Licence Number: A18978 CP: 355		Computerized Waste			Region: 2 - Southern Interior	
Project: 1		Computerized Breakage			District: 11 - Rocky Mountain	
					Compiled by: canadain forest products ltd.	
					Cruised by: YVAN KATHRINER, NONE,	
					Version: 2013.01 IFS build 5833	

Net Area: Block : (M) - 002:BUH0002, Plots in Block: 27, TUs: [CONV : 51.0]
Gross Area: [R/W Removed : 8.8][Grand Total : 59.8]

		Total	Conifer	F	B	S	PL	L
Utilization Limits								
Min DBH	cm (M)			17.5	17.5	17.5	12.5	17.5
Stump Ht	cm (M)			30.0	30.0	30.0	30.0	30.0
Top Dia	cm (M)			10.0	10.0	10.0	10.0	10.0
Log Len	m			5.0	5.0	5.0	5.0	5.0
Volume and Size Data								
Gross Merchantable	m3	14019	14019		211	881	11312	1615
Net Merchantable	m3	12962	12962		207	856	10360	1538
Net Merch - All	m3/ha	254	254		4	17	203	30
Distribution	%	100	100		2	7	80	12
Decay	%	2	2			1	2	2
Waste	%							
Waste(billing)	%							
Breakage	%	6	6		2	2	7	3
Total Cull (DWB)	%	8	8		2	3	8	5
Stems/Ha (Live & DP)		842.0	842.0		19.6	69.4	689.6	63.4
Avg DBH (Live & DP)	cm	21.9	21.9		19.6	20.9	21.4	27.4
Snags/Ha								
Avg Snag DBH	cm							
Gross Merch Vol/Tree	m3	0.33	0.33		0.21	0.25	0.32	0.50
Net Merch Vol/Tree	m3	0.30	0.30		0.21	0.24	0.29	0.48
Avg Weight Total Ht	m	22.5	22.5		18.3	19.6	22.2	26.7
Avg Weight Merch Ht	m	16.8	16.8		11.4	12.9	16.6	20.8
Avg 5.0 m Log Net	m3	0.11	0.11		0.11	0.11	0.11	0.14
Avg 5.0 m Log Gross	m3	0.11	0.11		0.11	0.11	0.11	0.14
Avg # of 5.0 m Logs/Tree		2.85	2.85		2.00	2.29	2.86	3.62
Net Immature	%	100.0	100.0		100.0	100.0	100.0	100.0
Average Slope	%	55						
LRF and Log Summary								
Net Merch - Stud	%	71.4	71.4		100.0	89.0	72.4	51.0
Net Merch - Small Log	%	99.1	99.1		100.0	100.0	98.9	100.0
Net Merch - Large Log	%	0.9	0.9				1.1	
Avg LRF All	bdft/m3				173.5	169.9	175.2	187.0
Statistical Summary								
Coeff. of Variation	%	49.1	49.1		259.8	157.6	65.7	139.5
Two Standard Error	%	26.1	26.1		137.9	83.7	34.9	74.1
Number and Type of Plots		MP = 15	CP = 12					
Number of Potential Trees		61						
Plots/Ha		0.5						
Cruised Trees/Plot		4.0						

FLAGS: Percent Reduction Applied, Normal Cruise, All Trees Compiled, Double Sampling Factor Applied, Damage, , Dry Belt Fir

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*** FOR APPRAISAL PURPOSES ***		P E R C E N T R E D U C T I O N A P P L I E D		BS- 5 , p19	
		Block Summary		21-Aug-2013 01:08:22PM	
Average Line Method		Grades: MOF Computerized		FIZ: F	
CANADIAN FOREST PRODUCTS LTD.		Computerized Decay		PSYU: Cranbrook	
Licence Number: A18978 CP: 355		Computerized Waste		Region: 2 - Southern Interior	
Project: 1		Computerized Breakage		District: 11 - Rocky Mountain	
				Filename: a18978-355.ccp	
				Compiled by: canadain forest products ltd.	
				Cruised by: YVAN KATHRINER, NONE,	
				Version: 2013.01 IFS build 5833	

Net Area: Block : (M) - 003:BUH0003, Plots in Block: 2, TUs: [CONV : 1.9]
Gross Area: [R/W Removed : 0.5][WTP : 1.1][Grand Total : 3.5]

		Total	Conifer	F	B	S	PL	L
Utilization Limits								
Min DBH	cm (M)			17.5	17.5	17.5	12.5	17.5
Stump Ht	cm (M)			30.0	30.0	30.0	30.0	30.0
Top Dia	cm (M)			10.0	10.0	10.0	10.0	10.0
Log Len	m			5.0	5.0	5.0	5.0	5.0
Volume and Size Data								
Gross Merchantable	m3	1041	1041		209	469	177	186
Net Merchantable	m3	857	857		149	415	129	165
Net Merch - All	m3/ha	451	451		78	218	68	87
Distribution	%	100	100		17	48	15	19
Decay	%	10	10		19	8	7	6
Waste	%	3	3		8	2	4	1
Waste(billing)	%	4	4		11	2	6	1
Breakage	%	5	5		2	2	16	4
Total Cull (DWB)	%	18	18		29	12	27	11
Stems/Ha (Live & DP)		851.4	851.4		356.8	363.1	93.6	37.9
Avg DBH (Live & DP)	cm	29.6	29.6		21.9	30.8	35.0	55.0
Snags/Ha								
Avg Snag DBH	cm							
Gross Merch Vol/Tree	m3	0.64	0.64		0.31	0.68	1.00	2.58
Net Merch Vol/Tree	m3	0.53	0.53		0.22	0.60	0.72	2.30
Avg Weight Total Ht	m	26.6	26.6		21.2	25.7	25.5	36.6
Avg Weight Merch Ht	m	21.8	21.8		14.7	20.7	21.1	31.9
Avg 5.0 m Log Net	m3	0.17	0.17		0.08	0.20	0.20	0.40
Avg 5.0 m Log Gross	m3	0.20	0.20		0.11	0.22	0.23	0.43
Avg # of 5.0 m Logs/Tree		3.24	3.24		2.73	3.15	4.40	6.00
Net Immature	%							
Average Slope	%	58						
LRF and Log Summary								
Net Merch - Stud	%	30.5	30.5		81.1	25.2	20.7	5.9
Net Merch - Small Log	%	72.0	72.0		100.0	75.6	81.4	30.3
Net Merch - Large Log	%	28.0	28.0			24.4	18.6	69.7
Avg LRF All	bdft/m3				162.8	196.8	142.5	215.6
Statistical Summary								
Coeff. of Variation	%	16.9	16.9		141.4	14.7	141.4	141.4
Two Standard Error	%	151.8	151.8		1270.6	131.8	1270.6	1270.6
Number and Type of Plots	MP =	2						
Number of Potential Trees		13						
Plots/Ha		1.1						
Cruised Trees/Plot		6.5						

FLAGS: Percent Reduction Applied, Normal Cruise, All Trees Compiled, Double Sampling Factor Applied, Damage, , Dry Belt Fir

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Net Area: Block : (M) - 004:BUH0004, Plots in Block: 8, TUs: [CONV : 9.7]
Gross Area: [R/W Removed : 0.3][WTP : 0.4][Grand Total : 10.4]

		Total	Conifer	F	B	S	PL	L
Utilization Limits								
Min DBH	cm (M)			17.5	17.5	17.5	12.5	17.5
Stump Ht	cm (M)			30.0	30.0	30.0	30.0	30.0
Top Dia	cm (M)			10.0	10.0	10.0	10.0	10.0
Log Len	m			5.0	5.0	5.0	5.0	5.0
Volume and Size Data								
Gross Merchantable	m3	1966	1966	14		56	1895	
Net Merchantable	m3	1647	1647	13		53	1581	
Net Merch - All	m3/ha	170	170	1		5	163	
Distribution	%	100	100	1		3	96	
Decay	%	8	8	5		4	8	
Waste	%	3	3				3	
Waste(billing)	%	4	4				4	
Breakage	%	5	5	2		2	5	
Total Cull (DWB)	%	16	16	7		6	17	
Stems/Ha (Live & DP)		699.2	699.2	9.9		16.0	673.2	
Avg DBH (Live & DP)	cm	22.0	22.0	22.0		24.4	22.0	
Snags/Ha								
Avg Snag DBH	cm							
Gross Merch Vol/Tree	m3	0.29	0.29	0.15		0.36	0.29	
Net Merch Vol/Tree	m3	0.24	0.24	0.14		0.34	0.24	
Avg Weight Total Ht	m	19.0	19.0	12.4		20.3	19.0	
Avg Weight Merch Ht	m	13.8	13.8	7.9		14.3	13.8	
Avg 5.0 m Log Net	m3	0.10	0.10	0.07		0.11	0.10	
Avg 5.0 m Log Gross	m3	0.11	0.11	0.07		0.12	0.11	
Avg # of 5.0 m Logs/Tree		2.55	2.55	2.00		3.00	2.55	
Net Immature	%							
Average Slope	%	52						
LRF and Log Summary								
Net Merch - Stud	%	81.2	81.2	100.0		100.0	80.4	
Net Merch - Small Log	%	97.9	97.9	100.0		100.0	97.8	
Net Merch - Large Log	%	2.1	2.1				2.2	
Avg LRF All	bdft/m3			147.5		176.9	169.9	
Statistical Summary								
Coeff. of Variation	%	26.9	26.9	282.8		282.8	31.7	
Two Standard Error	%	28.5	28.5	299.2		299.2	33.5	
Number and Type of Plots	MP = 5	CP = 3						
Number of Potential Trees	28							
Plots/Ha	0.8							
Cruised Trees/Plot	4.5							

FLAGS: Percent Reduction Applied, Normal Cruise, All Trees Compiled, Double Sampling Factor Applied, Damage, , Dry Belt Fir

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Net Area: Block : (M) - 005:BUH0005, Plots in Block: 10, TUs: [CONV : 9.4]
Gross Area: [R/W Removed : 0.8][WTP : 1.3][Grand Total : 11.5]

		Total	Conifer	F	B	S	PL	L
Utilization Limits								
Min DBH	cm (M)			17.5	17.5	17.5	12.5	17.5
Stump Ht	cm (M)			30.0	30.0	30.0	30.0	30.0
Top Dia	cm (M)			10.0	10.0	10.0	10.0	10.0
Log Len	m			5.0	5.0	5.0	5.0	5.0
Volume and Size Data								
Gross Merchantable	m3	3128	3128				2894	234
Net Merchantable	m3	2843	2843				2619	224
Net Merch - All	m3/ha	302	302				279	24
Distribution	%	100	100				92	8
Decay	%	2	2				2	1
Waste	%							
Waste(billing)	%							
Breakage	%	7	7				7	3
Total Cull (DWB)	%	9	9				10	4
Stems/Ha (Live & DP)		798.5	798.5				715.9	82.7
Avg DBH (Live & DP)	cm	24.1	24.1				24.2	22.5
Snags/Ha								
Avg Snag DBH	cm							
Gross Merch Vol/Tree	m3	0.42	0.42				0.43	0.30
Net Merch Vol/Tree	m3	0.38	0.38				0.39	0.29
Avg Weight Total Ht	m	23.0	23.0				22.9	23.7
Avg Weight Merch Ht	m	17.7	17.7				17.8	16.9
Avg 5.0 m Log Net	m3	0.13	0.13				0.14	0.11
Avg 5.0 m Log Gross	m3	0.14	0.14				0.14	0.11
Avg # of 5.0 m Logs/Tree		3.06	3.06				3.10	2.75
Net Immature	%	100.0	100.0				100.0	100.0
Average Slope	%	47						
LRF and Log Summary								
Net Merch - Stud	%	55.9	55.9				53.8	80.4
Net Merch - Small Log	%	95.8	95.8				95.8	96.1
Net Merch - Large Log	%	4.2	4.2				4.2	3.9
Avg LRF All	bdft/m3						176.2	176.0
Statistical Summary								
Coeff. of Variation	%	35.5	35.5				37.3	187.7
Two Standard Error	%	30.3	30.3				31.9	160.5
Number and Type of Plots	MP = 7 CP = 3							
Number of Potential Trees	46							
Plots/Ha	1.1							
Cruised Trees/Plot	6.2							

*** FOR APPRAISAL PURPOSES ***

P E R C E N T R E D U C T I O N A P P L I E D

CP- 1 , p22

Average Line Method
CANADIAN FOREST PRODUCTS LTD.
Licence Number: A18978 CP: 355
Project: 1

Grades: MOF Computerized
Computerized Decay
Computerized Waste
Computerized Breakage

Cutting Permit Summary

FIZ: F
PSYU: Cranbrook
Region: 2 - Southern Interior
District: 11 - Rocky Mountain

21-Aug-2013 01:08:22PM
Filename: a18978-355.ccp
Compiled by: canadain forest products ltd.
Cruised by: YVAN KATHRINER, NONE,
Version: 2013.01 IFS build 5833

Net Area: [All Treatment Units : 115.2]

Gross Area: [R/W Removed : 17.2][WTP : 3.6][Grand Total : 136.0]

		Total	Conifer	F	B	S	PL	L
Utilization Limits								
Min DBH	cm (M)			17.5	17.5	17.5	12.5	17.5
Stump Ht	cm (M)			30.0	30.0	30.0	30.0	30.0
Top Dia	cm (M)			10.0	10.0	10.0	10.0	10.0
Log Len	m			5.0	5.0	5.0	5.0	5.0
Volume and Size Data								
Gross Merchantable	m3	34482	34482	192	1223	1604	28780	2682
Net Merchantable	m3	31822	31822	184	1129	1512	26452	2546
Net Merch - All	m3/ha	276	276	2	10	13	230	22
Distribution	%	100	100	1	4	5	83	8
Decay	%	3	3	2	4	3	2	2
Waste	%	0	0		1	0	0	0
Waste(billing)	%	0	0		1	0	0	0
Breakage	%	5	5	2	2	2	5	3
Total Cull (DWB)	%	8	8	4	8	6	8	5
Stems/Ha (Live & DP)		944.6	944.6	3.4	41.7	43.5	801.8	54.2
Avg DBH (Live & DP)	cm	21.7	21.7	29.8	21.8	22.9	21.2	25.8
Snags/Ha								
Avg Snag DBH	cm							
Gross Merch Vol/Tree	m3	0.32	0.32	0.49	0.25	0.32	0.31	0.43
Net Merch Vol/Tree	m3	0.29	0.29	0.47	0.23	0.30	0.29	0.41
Avg Weight Total Ht	m	22.2	22.2	22.2	18.6	21.4	22.0	26.2
Avg Weight Merch Ht	m	16.6	16.6	17.0	12.8	15.4	16.5	20.1
Avg 5.0 m Log Net	m3	0.11	0.11	0.14	0.12	0.13	0.11	0.12
Avg 5.0 m Log Gross	m3	0.12	0.12	0.15	0.12	0.13	0.12	0.12
Avg # of 5.0 m Logs/Tree		2.71	2.71	3.28	2.06	2.44	2.71	3.45
Net Immature	%	92.1	92.1	92.9	86.8	69.1	93.5	93.5
Average Slope	%	53						
LRF and Log Summary								
Net Merch - Stud	%	67.8	67.8	49.9	69.3	67.5	68.9	57.9
Net Merch - Small Log	%	96.6	96.6	100.0	100.0	89.8	97.0	95.1
Net Merch - Large Log	%	3.4	3.4			10.2	3.0	4.9
Avg LRF All	bdft/m3			173.9	176.3	179.7	175.2	184.9
Statistical Summary								
Coeff. of Variation	%	39.4	39.4	592.9	184.3	169.3	50.7	164.5
Two Standard Error	%	12.3	12.3	185.2	57.6	52.9	15.8	51.4
Number and Type of Plots	MP = 41 CP = 28							
Number of Potential Trees	212							
Plots/Ha	0.6							
Cruised Trees/Plot	5.0							

FLAGS: Percent Reduction Applied, Normal Cruise, All Trees Compiled, Double Sampling Factor Applied, Damage, , Dry Belt Fir

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Net Area: [CONV : 106.2]

		Total	Conifer	F	B	S	PL	L
Utilization Limits								
Min DBH	cm (M)			17.5	17.5	17.5	12.5	17.5
Stump Ht	cm (M)			30.0	30.0	30.0	30.0	30.0
Top Dia	cm (M)			10.0	10.0	10.0	10.0	10.0
Log Len	m			5.0	5.0	5.0	5.0	5.0
Volume and Size Data								
Gross Merchantable	m3	31497	31497	155	1056	1563	26176	2547
Net Merchantable	m3	29007	29007	148	968	1473	24001	2417
Net Merch - All	m3/ha	273	273	1	9	14	226	23
Distribution	%	100	100	1	3	5	83	8
Decay	%	3	3	2	5	3	3	2
Waste	%	0	0		2	0	0	0
Waste(billing)	%	0	0		2	1	0	0
Breakage	%	5	5	2	2	2	6	3
Total Cull (DWB)	%	8	8	4	8	6	8	5
Stems/Ha (Live & DP)		926.6	926.6	3.1	39.1	45.9	783.9	54.5
Avg DBH (Live & DP)	cm	21.8	21.8	29.4	21.7	22.9	21.3	26.0
Snags/Ha								
Avg Snag DBH	cm							
Gross Merch Vol/Tree	m3	0.32	0.32	0.47	0.25	0.32	0.31	0.44
Net Merch Vol/Tree	m3	0.29	0.29	0.45	0.23	0.30	0.29	0.42
Avg Weight Total Ht	m	22.2	22.2	22.0	18.7	21.4	22.0	26.4
Avg Weight Merch Ht	m	16.6	16.6	16.9	12.8	15.4	16.5	20.3
Avg 5.0 m Log Net	m3	0.11	0.11	0.14	0.11	0.13	0.11	0.12
Avg 5.0 m Log Gross	m3	0.12	0.12	0.15	0.12	0.13	0.12	0.13
Avg # of 5.0 m Logs/Tree		2.73	2.73	3.20	2.08	2.44	2.73	3.46
Net Immature	%	91.4	91.4	91.2	84.6	68.3	92.9	93.2
Average Slope	%	53						
LRF and Log Summary								
Net Merch - Stud	%	67.8	67.8	50.8	71.0	67.9	68.9	56.7
Net Merch - Small Log	%	96.7	96.7	100.0	100.0	90.3	97.1	94.9
Net Merch - Large Log	%	3.3	3.3			9.7	2.9	5.1
Avg LRF All	bdft/m3			173.4	175.7	179.5	175.1	185.4
Statistical Summary								
Coeff. of Variation	%	39.4	39.4	592.9	184.3	169.3	50.7	164.5
Two Standard Error	%	12.3	12.3	185.2	57.6	52.9	15.8	51.4
Number and Type of Plots		MP = 41	CP = 28					
Number of Potential Trees		212						
Plots/Ha		0.6						
Cruised Trees/Plot		5.0						

Net Area: [CABLE : 9.0]

		Total	Conifer	F	B	S	PL	L
Utilization Limits								
Min DBH	cm (M)			17.5	17.5	17.5	12.5	17.5
Stump Ht	cm (M)			30.0	30.0	30.0	30.0	30.0
Top Dia	cm (M)			10.0	10.0	10.0	10.0	10.0
Log Len	m			5.0	5.0	5.0	5.0	5.0
Volume and Size Data								
Gross Merchantable	m3	2985	2985	37	167	41	2604	135
Net Merchantable	m3	2815	2815	36	161	39	2451	129
Net Merch - All	m3/ha	313	313	4	18	4	272	14
Distribution	%	100	100	1	6	1	87	5
Decay	%	2	2	2	2	3	2	2
Waste	%							
Waste(billing)	%							
Breakage	%	4	4	2	2	2	4	3
Total Cull (DWB)	%	6	6	4	4	5	6	5
Stems/Ha (Live & DP)		1156.6	1156.6	6.9	72.4	14.4	1012.9	49.9
Avg DBH (Live & DP)	cm	20.8	20.8	31.9	22.4	23.7	20.4	22.6
Snags/Ha								
Avg Snag DBH	cm							
Gross Merch Vol/Tree	m3	0.29	0.29	0.59	0.26	0.32	0.29	0.30
Net Merch Vol/Tree	m3	0.27	0.27	0.57	0.25	0.30	0.27	0.29
Avg Weight Total Ht	m	21.9	21.9	23.1	18.0	20.2	22.1	23.2
Avg Weight Merch Ht	m	16.1	16.1	17.7	12.7	15.0	16.3	16.4
Avg 5.0 m Log Net	m3	0.11	0.11	0.16	0.13	0.13	0.11	0.09
Avg 5.0 m Log Gross	m3	0.11	0.11	0.16	0.13	0.13	0.11	0.09
Avg # of 5.0 m Logs/Tree		2.55	2.55	3.68	1.94	2.38	2.55	3.35
Net Immature	%	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Average Slope	%	53						
LRF and Log Summary								
Net Merch - Stud	%	67.7	67.7	46.1	58.8	54.0	68.1	81.0
Net Merch - Small Log	%	95.7	95.7	100.0	100.0	72.1	95.5	100.0
Net Merch - Large Log	%	4.3	4.3			27.9	4.5	
Avg LRF All	bdft/m3			175.9	179.6	187.3	176.0	174.8
Statistical Summary								
Coeff. of Variation	%	39.4	39.4	592.9	184.3	169.3	50.7	164.5
Two Standard Error	%	12.3	12.3	185.2	57.6	52.9	15.8	51.4
Number and Type of Plots		MP = 41	CP = 28					
Number of Potential Trees		212						
Plots/Ha		0.6						
Cruised Trees/Plot		5.0						

Type 1 (M):P19Lw1(BlSx), Plots in Type: 22, TUs: [All Treatment Units : 43.2]

		F	B	S	PL	L	Total	DP	DU	LU
Utilization Limits										
Min DBH	cm (M)	17.5	17.5	17.5	12.5	17.5	17.5	17.5	17.5	17.5
Stump Ht	cm (M)	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Top Dia	cm (M)	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Log Len	m	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
DBH										
Class										
5										
10										
15					405.3		405.3	83.9		
20			51.6		303.7	32.3	387.6	28.8		
25					76.5	10.8	87.3			
30		2.6	20.8		80.5	6.8	110.6			
35		4.3			26.3		30.6			
40				2.7	11.1		13.8			
45					8.7		8.7			
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		6.9	72.4	2.7	912.0	49.9	1043.9			
Dead P				11.7	101.0			112.7		
Dead U										
Live U										
Average DBH(cm) at 5 Levels										
12.5 +		31.9	22.4	38.7	20.9	22.6	21.2	16.0		
17.5 +		31.9	22.4	38.7	24.6	22.6	24.4	20.7		
22.5 +		31.9	29.6	38.7	30.6	26.9	30.4			
27.5 +		31.9	29.6	38.7	33.3	30.7	32.8			
32.5 +		32.9		38.7	37.9		37.5			

FLAGS: Percent Reduction Applied, Normal Cruise, All Trees Compiled, Double Sampling Factor Applied, Damage, , Dry Belt Fir

Type 1 (M):P19Lw1(BlSx), Plots in Type: 22, TUs: [CONV : 34.2]

		F	B	S	PL	L	Total	DP	DU	LU
Utilization Limits										
Min DBH	cm (M)	17.5	17.5	17.5	12.5	17.5	17.5	17.5	17.5	17.5
Stump Ht	cm (M)	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Top Dia	cm (M)	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Log Len	m	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
DBH										
Class										
5										
10										
15					405.3		405.3	83.9		
20			51.6		303.7	32.3	387.6	28.8		
25					76.5	10.8	87.3			
30		2.6	20.8		80.5	6.8	110.6			
35		4.3			26.3		30.6			
40				2.7	11.1		13.8			
45					8.7		8.7			
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		6.9	72.4	2.7	912.0	49.9	1043.9			
Dead P				11.7	101.0			112.7		
Dead U										
Live U										
Average DBH(cm) at 5 Levels										
12.5 +		31.9	22.4	38.7	20.9	22.6	21.2	16.0		
17.5 +		31.9	22.4	38.7	24.6	22.6	24.4	20.7		
22.5 +		31.9	29.6	38.7	30.6	26.9	30.4			
27.5 +		31.9	29.6	38.7	33.3	30.7	32.8			
32.5 +		32.9		38.7	37.9		37.5			

FLAGS: Percent Reduction Applied, Normal Cruise, All Trees Compiled, Double Sampling Factor Applied, Damage, , Dry Belt Fir

Type 1 (M):P19Lw1(BlSx), Plots in Type: 22, TUs: [CABLE : 9.0]

		F	B	S	PL	L	Total	DP	DU	LU
Utilization Limits										
Min DBH	cm (M)	17.5	17.5	17.5	12.5	17.5	17.5	17.5	17.5	17.5
Stump Ht	cm (M)	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Top Dia	cm (M)	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Log Len	m	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
DBH										
Class										
5										
10										
15					405.3		405.3	83.9		
20			51.6		303.7	32.3	387.6	28.8		
25					76.5	10.8	87.3			
30		2.6	20.8		80.5	6.8	110.6			
35		4.3			26.3		30.6			
40				2.7	11.1		13.8			
45					8.7		8.7			
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		6.9	72.4	2.7	912.0	49.9	1043.9			
Dead P				11.7	101.0			112.7		
Dead U										
Live U										
Average DBH(cm) at 5 Levels										
12.5 +		31.9	22.4	38.7	20.9	22.6	21.2	16.0		
17.5 +		31.9	22.4	38.7	24.6	22.6	24.4	20.7		
22.5 +		31.9	29.6	38.7	30.6	26.9	30.4			
27.5 +		31.9	29.6	38.7	33.3	30.7	32.8			
32.5 +		32.9		38.7	37.9		37.5			

Type 2 (M):P19Lw1(B1Sx), Plots in Type: 27, TUs: [CONV : 51.0]

		F	B	S	PL	L	Total	DP	DU	LU
Utilization Limits										
Min DBH	cm (M)	17.5	17.5	17.5	12.5	17.5	17.5	17.5	17.5	17.5
Stump Ht	cm (M)	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Top Dia	cm (M)	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Log Len	m	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
DBH										
Class										
5										
10										
15					134.3		134.3	55.9		
20			19.6	49.2	170.3	12.6	251.8	126.4		
25				20.2	112.6	7.1	139.9	13.0		
30					66.5	15.2	81.8	7.2		
35					5.7	8.3	14.0	6.1		
40					5.0	6.6	11.6			
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			19.6	69.4	494.4	50.0	633.4			
Dead P					195.2	13.4		208.6		
Dead U										
Live U										
Average DBH(cm) at 5 Levels										
12.5 +			19.6	20.9	22.0	29.3	22.5	19.9		
17.5 +			19.6	20.9	24.2	29.3	24.2	21.1		
22.5 +				24.4	27.2	31.9	27.8	28.4		
27.5 +					30.2	33.2	31.1	32.6		
32.5 +					36.4	35.7	36.0	34.1		

Type 3 (M):Se BlPl, Plots in Type: 2, TUs: [CONV : 1.9]

		F	B	S	PL	L	Total	DP	DU	LU
Utilization Limits										
Min DBH	cm (M)	17.5	17.5	17.5	12.5	17.5	17.5	17.5	17.5	17.5
Stump Ht	cm (M)	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Top Dia	cm (M)	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Log Len	m	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
DBH										
Class										
5										
10										
15										
20			127.5	153.8			281.3	162.1		
25										
30			67.2	62.0	56.3		185.5			
35				42.5			42.5	44.2		
40				40.3			40.3	37.3		
45										
50										
55				20.2		37.9	58.1			
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			194.7	318.9	56.3	37.9	607.8			
Dead P			162.1	44.2	37.3			243.6		
Dead U										
Live U										
Average DBH(cm) at 5 Levels										
12.5 +			24.3	30.0	31.9	55.0	30.7	26.6		
17.5 +			24.3	30.0	31.9	55.0	30.7	26.6		
22.5 +			29.2	37.3	31.9	55.0	37.5	37.5		
27.5 +			29.2	37.3	31.9	55.0	37.5	37.5		
32.5 +				40.8		55.0	45.1	37.5		

Type 4 (M):P19Lw1(B1Sx), Plots in Type: 8, TUs: [CONV : 9.7]

		F	B	S	PL	L	Total	DP	DU	LU
Utilization Limits										
Min DBH	cm (M)	17.5	17.5	17.5	12.5	17.5	17.5	17.5	17.5	17.5
Stump Ht	cm (M)	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Top Dia	cm (M)	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Log Len	m	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
DBH										
Class										
5										
10										
15					49.4		49.4	48.8		
20		9.9			229.2		239.1	86.5		
25				16.0	152.5		168.5	42.3		
30					55.8		55.8			
35										
40					8.8		8.8			
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		9.9		16.0	495.7		521.6			
Dead P					177.6			177.6		
Dead U										
Live U										
Average DBH(cm) at 5 Levels										
12.5 +		22.0		24.4	22.4		22.5	20.5		
17.5 +		22.0		24.4	23.1		23.1	22.0		
22.5 +				24.4	26.3		26.2	24.3		
27.5 +					31.1		31.1			
32.5 +					37.7		37.7			

Type 5 (M):P19Lw1(B1Sx), Plots in Type: 10, TUs: [CONV : 9.4]

				F	B	S	PL	L	Total	DP	DU	LU
Utilization Limits												
Min DBH	cm	(M)		17.5	17.5	17.5	12.5	17.5	17.5	17.5	17.5	17.5
Stump Ht	cm	(M)		30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Top Dia	cm	(M)		10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Log Len	m			5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
DBH												
Class												
5												
10												
15								139.8		139.8	36.8	
20								105.9		128.9	102.9	
25								130.5	23.1	156.8	53.1	
30								92.9	4.4	97.3	10.7	
35								44.5	3.4	47.8	16.7	
40									2.1	2.1		
45								5.3		5.3		
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							518.8	59.3	578.2			
Dead P							197.0	23.3		220.3		
Dead U												
Live U												
Average DBH(cm) at 5 Levels												
12.5 +							24.5	24.1	24.5	22.9		
17.5 +							27.2	24.1	26.8	23.9		
22.5 +							29.5	27.1	29.2	28.3		
27.5 +							32.5	33.9	32.6	34.3		
32.5 +							36.0	37.2	36.1	35.9		

Block : (M) - 001:BUH0001, Plots in Block: 22, TUs: [All Treatment Units : 43.2]

		F	B	S	PL	L	Total	DP	DU	LU
Utilization Limits										
Min DBH	cm (M)	17.5	17.5	17.5	12.5	17.5	17.5	17.5	17.5	17.5
Stump Ht	cm (M)	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Top Dia	cm (M)	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Log Len	m	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
DBH										
Class										
5										
10										
15										
20										
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										
Dead P										
Dead U										
Live U										
Average DBH(cm) at 5 Levels										
12.5 +										
17.5 +										
22.5 +										
27.5 +										
32.5 +										

FLAGS: Percent Reduction Applied, Normal Cruise, All Trees Compiled, Double Sampling Factor Applied, Damage, , Dry Belt Fir

Block : (M) - 001:BUH0001, Plots in Block: 22, TUs: [CONV : 34.2]

		F	B	S	PL	L	Total	DP	DU	LU
Utilization Limits										
Min DBH	cm (M)	17.5	17.5	17.5	12.5	17.5	17.5	17.5	17.5	17.5
Stump Ht	cm (M)	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Top Dia	cm (M)	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Log Len	m	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
DBH										
Class										
5										
10										
15					405.3		405.3	83.9		
20			51.6		303.7	32.3	387.6	28.8		
25					76.5	10.8	87.3			
30		2.6	20.8		80.5	6.8	110.6			
35		4.3			26.3		30.6			
40				2.7	11.1		13.8			
45					8.7		8.7			
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		6.9	72.4	2.7	912.0	49.9	1043.9			
Dead P				11.7	101.0			112.7		
Dead U										
Live U										
Average DBH(cm) at 5 Levels										
12.5 +		31.9	22.4	38.7	20.9	22.6	21.2	16.0		
17.5 +		31.9	22.4	38.7	24.6	22.6	24.4	20.7		
22.5 +		31.9	29.6	38.7	30.6	26.9	30.4			
27.5 +		31.9	29.6	38.7	33.3	30.7	32.8			
32.5 +		32.9		38.7	37.9		37.5			

FLAGS: Percent Reduction Applied, Normal Cruise, All Trees Compiled, Double Sampling Factor Applied, Damage, , Dry Belt Fir

Block : (M) - 001:BUH0001, Plots in Block: 22, TUs: [CABLE : 9.0]

		F	B	S	PL	L	Total	DP	DU	LU
Utilization Limits										
Min DBH	cm (M)	17.5	17.5	17.5	12.5	17.5	17.5	17.5	17.5	17.5
Stump Ht	cm (M)	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Top Dia	cm (M)	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Log Len	m	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
DBH										
Class										
5										
10										
15					405.3		405.3	83.9		
20			51.6		303.7	32.3	387.6	28.8		
25					76.5	10.8	87.3			
30		2.6	20.8		80.5	6.8	110.6			
35		4.3			26.3		30.6			
40				2.7	11.1		13.8			
45					8.7		8.7			
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		6.9	72.4	2.7	912.0	49.9	1043.9			
Dead P				11.7	101.0			112.7		
Dead U										
Live U										
Average DBH(cm) at 5 Levels										
12.5 +		31.9	22.4	38.7	20.9	22.6	21.2	16.0		
17.5 +		31.9	22.4	38.7	24.6	22.6	24.4	20.7		
22.5 +		31.9	29.6	38.7	30.6	26.9	30.4			
27.5 +		31.9	29.6	38.7	33.3	30.7	32.8			
32.5 +		32.9		38.7	37.9		37.5			

Block : (M) - 002:BUH0002, Plots in Block: 27, TUs: [CONV : 51.0]

		F	B	S	PL	L	Total	DP	DU	LU
Utilization Limits										
Min DBH	cm (M)	17.5	17.5	17.5	12.5	17.5	17.5	17.5	17.5	17.5
Stump Ht	cm (M)	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Top Dia	cm (M)	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Log Len	m	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
DBH										
Class										
5										
10										
15										
20										
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										
Dead P										
Dead U										
Live U										
Average DBH(cm) at 5 Levels										
12.5 +										
17.5 +										
22.5 +										
27.5 +										
32.5 +										

Block : (M) - 003:BUH0003, Plots in Block: 2, TUs: [CONV : 1.9]

		F	B	S	PL	L	Total	DP	DU	LU
Utilization Limits										
Min DBH	cm (M)	17.5	17.5	17.5	12.5	17.5	17.5	17.5	17.5	17.5
Stump Ht	cm (M)	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Top Dia	cm (M)	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Log Len	m	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
DBH										
Class										
5										
10										
15										
20		127.5	153.8				281.3	162.1		
25										
30		67.2	62.0	56.3			185.5			
35			42.5				42.5	44.2		
40			40.3				40.3	37.3		
45										
50										
55			20.2			37.9	58.1			
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		194.7	318.9	56.3		37.9	607.8			
Dead P		162.1	44.2	37.3				243.6		
Dead U										
Live U										
Average DBH(cm) at 5 Levels										
12.5 +		24.3	30.0	31.9		55.0	30.7	26.6		
17.5 +		24.3	30.0	31.9		55.0	30.7	26.6		
22.5 +		29.2	37.3	31.9		55.0	37.5	37.5		
27.5 +		29.2	37.3	31.9		55.0	37.5	37.5		
32.5 +			40.8			55.0	45.1	37.5		

FLAGS: Percent Reduction Applied, Normal Cruise, All Trees Compiled, Double Sampling Factor Applied, Damage, , Dry Belt Fir

Block : (M) - 004:BUH0004, Plots in Block: 8, TUs: [CONV : 9.7]

		F	B	S	PL	L	Total	DP	DU	LU
Utilization Limits										
Min DBH	cm (M)	17.5	17.5	17.5	12.5	17.5	17.5	17.5	17.5	17.5
Stump Ht	cm (M)	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Top Dia	cm (M)	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Log Len	m	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
DBH										
Class										
5										
10										
15					49.4		49.4	48.8		
20		9.9			229.2		239.1	86.5		
25				16.0	152.5		168.5	42.3		
30					55.8		55.8			
35										
40					8.8		8.8			
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		9.9		16.0	495.7		521.6			
Dead P					177.6			177.6		
Dead U										
Live U										
Average DBH(cm) at 5 Levels										
12.5 +		22.0		24.4	22.4		22.5	20.5		
17.5 +		22.0		24.4	23.1		23.1	22.0		
22.5 +				24.4	26.3		26.2	24.3		
27.5 +					31.1		31.1			
32.5 +					37.7		37.7			

FLAGS: Percent Reduction Applied, Normal Cruise, All Trees Compiled, Double Sampling Factor Applied, Damage, , Dry Belt Fir

Block : (M) - 005:BUH0005, Plots in Block: 10, TUs: [CONV : 9.4]

				F	B	S	PL	L	Total	DP	DU	LU
Utilization Limits												
Min DBH	cm	(M)		17.5	17.5	17.5	12.5	17.5	17.5	17.5	17.5	17.5
Stump Ht	cm	(M)		30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Top Dia	cm	(M)		10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Log Len	m			5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
DBH												
Class												
5												
10												
15												
20												
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												
Dead P												
Dead U												
Live U												
Average DBH(cm) at 5 Levels												
12.5 +												
17.5 +												
22.5 +												
27.5 +												
32.5 +												

[All Treatment Units : 115.2]

		F	B	S	PL	L	Total	DP	DU	LU
Utilization Limits										
Min DBH	cm (M)	17.5	17.5	17.5	12.5	17.5	17.5	17.5	17.5	17.5
Stump Ht	cm (M)	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Top Dia	cm (M)	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Log Len	m	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
DBH										
Class										
5										
10										
15										
					227.0		227.0	63.3		
20		0.8	30.1	24.3	217.2	19.6	292.1	85.1		
25				10.3	102.0	9.4	121.7	13.6		
30		1.0	8.9	1.0	72.8	9.6	93.4	4.1		
35		1.6		0.7	16.0	4.0	22.3	4.8		
40				1.7	7.1	3.1	11.9	0.6		
45					3.7		3.7			
50										
55										
				0.3		0.6	1.0			
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		3.4	39.1	38.3	645.9	46.3	773.0			
Dead P			2.7	5.1	155.9	7.9		171.6		
Dead U										
Live U										
Average DBH(cm) at 5 Levels										
12.5 +		29.8	22.0	23.1	21.6	26.8	22.1	19.6		
17.5 +		29.8	22.0	23.1	24.5	26.8	24.5	21.8		
22.5 +		31.9	29.6	28.6	28.7	31.0	29.0	28.4		
27.5 +		31.9	29.6	37.7	32.1	33.9	32.3	33.7		
32.5 +		32.9		40.0	37.3	37.7	37.4	35.4		

[CONV : 106.2]

		F	B	S	PL	L	Total	DP	DU	LU
Utilization Limits										
Min DBH	cm (M)	17.5	17.5	17.5	12.5	17.5	17.5	17.5	17.5	17.5
Stump Ht	cm (M)	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Top Dia	cm (M)	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Log Len	m	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
DBH										
Class										
5										
10										
15										
					211.9		211.9	61.6		
20		0.9	28.3	26.4	209.9	18.5	284.0	89.9		
25				11.2	104.2	9.2	124.6	14.8		
30		0.8	7.9	1.1	72.2	9.9	91.9	4.4		
35		1.4		0.8	15.1	4.3	21.6	5.2		
40				1.6	6.7	3.4	11.7	0.7		
45					3.3		3.3			
50										
55				0.4		0.7	1.0			
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		3.1	36.2	41.4	623.3	46.0	750.0			
Dead P			2.9	4.6	160.6	8.5		176.6		
Dead U										
Live U										
Average DBH(cm) at 5 Levels										
12.5 +		29.4	21.9	23.0	21.7	27.1	22.2	19.8		
17.5 +		29.4	21.9	23.0	24.5	27.1	24.5	21.8		
22.5 +		31.9	29.5	28.4	28.6	31.2	28.9	28.4		
27.5 +		31.9	29.5	37.6	31.9	34.0	32.3	33.7		
32.5 +		32.9		40.2	37.2	37.7	37.4	35.4		

FLAGS: Percent Reduction Applied, Normal Cruise, All Trees Compiled, Double Sampling Factor Applied, Damage, , Dry Belt Fir

[CABLE : 9.0]

		F	B	S	PL	L	Total	DP	DU	LU
Utilization Limits										
Min DBH	cm (M)	17.5	17.5	17.5	12.5	17.5	17.5	17.5	17.5	17.5
Stump Ht	cm (M)	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Top Dia	cm (M)	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Log Len	m	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
DBH										
Class										
5										
10										
15					405.3		405.3	83.9		
20			51.6		303.7	32.3	387.6	28.8		
25					76.5	10.8	87.3			
30		2.6	20.8		80.5	6.8	110.6			
35		4.3			26.3		30.6			
40				2.7	11.1		13.8			
45					8.7		8.7			
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		6.9	72.4	2.7	912.0	49.9	1043.9			
Dead P				11.7	101.0			112.7		
Dead U										
Live U										
Average DBH(cm) at 5 Levels										
12.5 +		31.9	22.4	38.7	20.9	22.6	21.2	16.0		
17.5 +		31.9	22.4	38.7	24.6	22.6	24.4	20.7		
22.5 +		31.9	29.6	38.7	30.6	26.9	30.4			
27.5 +		31.9	29.6	38.7	33.3	30.7	32.8			
32.5 +		32.9		38.7	37.9		37.5			

*** FOR APPRAISAL PURPOSES ***		P E R C E N T R E D U C T I O N A P P L I E D			AHV- 1 , p42	
		All Method Summary			21-Aug-2013 01:08:22PM	
Average Line Method		Grades: MOF Computerized			Filename: a18978-355.ccp	
CANADIAN FOREST PRODUCTS LTD.		Computerized Decay			PSYU: Cranbrook	
Licence Number: A18978 CP: 355		Computerized Waste			Region: 2 - Southern Interior	
Project: 1		Computerized Breakage			District: 11 - Rocky Mountain	
					Compiled by: canadain forest products ltd.	
					Cruised by: YVAN KATHRINER, NONE,	
					Version: 2013.01 IFS build 5833	

[All Treatment Units : 115.2]

		Total	Conifer	F	B	S	PL	L
Utilization Limits								
Min DBH	cm (M)			17.5	17.5	17.5	12.5	17.5
Stump Ht	cm (M)			30.0	30.0	30.0	30.0	30.0
Top Dia	cm (M)			10.0	10.0	10.0	10.0	10.0
Log Len	m			5.0	5.0	5.0	5.0	5.0
Volume and Size Data								
Gross Merchantable	m3	34482	34482	192	1223	1604	28780	2682
Net Merchantable	m3	31822	31822	184	1129	1512	26452	2546
Net Merch - All	m3/ha	276.233	276.233	1.596	9.797	13.123	229.617	22.101
Net Merch - Live	m3/ha	244.246	244.246	1.596	9.496	11.926	200.364	20.865
Net Merch - DP	m3/ha	31.987	31.987		0.301	1.197	29.253	1.236
Decay	%	3	3	2	4	3	2	2
Waste(billing)	%	0	0		1	0	0	0
Total Cull (DWB)	%	8	8	4	8	6	8	5
Net Merch Vol/Tree	m3	0.29	0.29	0.47	0.23	0.30	0.29	0.41
Avg 5.0 m Log Net	m3	0.11	0.11	0.14	0.12	0.13	0.11	0.12
Useless Dead/Living	%							
Net Second Growth	%							
All Burn Volume	%							
Heavy Fire Volume	%							
Blowdown Volume	%	8	8		3	4	9	6
Insect Volume	%	10	10			5	12	

LRF and Log Summary								
Net Merch - Stud	%	68	68	50	69	68	69	58
Net Merch - Small Log	%	97	97	100	100	90	97	95
Net Merch - Large Log	%	3	3			10	3	5
Avg LRF All	bdft/m3			174	176	180	175	185

FLAGS: Percent Reduction Applied, Normal Cruise, All Trees Compiled, Double Sampling Factor Applied, Damage, , Dry Belt Fir

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*** FOR APPRAISAL PURPOSES ***			P E R C E N T R E D U C T I O N A P P L I E D			AHV- 2 , p43		
			All Method Summary			21-Aug-2013 01:08:22PM		
Average Line Method			Grades: MOF Computerized			FIZ: F		
CANADIAN FOREST PRODUCTS LTD.			Computerized Decay			PSYU: Cranbrook		
Licence Number: A18978 CP: 355			Computerized Waste			Region: 2 - Southern Interior		
Project: 1			Computerized Breakage			District: 11 - Rocky Mountain		
						Compiled by: canadain forest products ltd.		
						Cruised by: YVAN KATHRINER, NONE,		
						Version: 2013.01 IFS build 5833		

[CONV : 106.2]

		Total	Conifer	F	B	S	PL	L
Utilization Limits								
Min DBH	cm (M)			17.5	17.5	17.5	12.5	17.5
Stump Ht	cm (M)			30.0	30.0	30.0	30.0	30.0
Top Dia	cm (M)			10.0	10.0	10.0	10.0	10.0
Log Len	m			5.0	5.0	5.0	5.0	5.0
Volume and Size Data								
Gross Merchantable	m3	31497	31497	155	1056	1563	26176	2547
Net Merchantable	m3	29007	29007	148	968	1473	24001	2417
Net Merch - All	m3/ha	273.133	273.133	1.396	9.110	13.866	226.001	22.760
Net Merch - Live	m3/ha	239.513	239.513	1.396	8.784	12.715	195.200	21.419
Net Merch - DP	m3/ha	33.620	33.620		0.327	1.151	30.801	1.341
Decay	%	3	3	2	5	3	3	2
Waste(billing)	%	0	0		2	1	0	0
Total Cull (DWB)	%	8	8	4	8	6	8	5
Net Merch Vol/Tree	m3	0.29	0.29	0.45	0.23	0.30	0.29	0.42
Avg 5.0 m Log Net	m3	0.11	0.11	0.14	0.11	0.13	0.11	0.12
Useless Dead/Living	%							
Net Second Growth	%							
All Burn Volume	%							
Heavy Fire Volume	%							
Blowdown Volume	%	9	9		4	4	10	6
Insect Volume	%	10	10			4	12	

LRF and Log Summary								
Net Merch - Stud	%	68	68	51	71	68	69	57
Net Merch - Small Log	%	97	97	100	100	90	97	95
Net Merch - Large Log	%	3	3			10	3	5
Avg LRF All	bdft/m3			173	176	180	175	185

FLAGS: Percent Reduction Applied, Normal Cruise, All Trees Compiled, Double Sampling Factor Applied, Damage, , Dry Belt Fir

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*** FOR APPRAISAL PURPOSES ***		P E R C E N T R E D U C T I O N A P P L I E D			AHV- 3 , p44	
		All Method Summary			21-Aug-2013 01:08:22PM	
Average Line Method		Grades: MOF Computerized			Filename: a18978-355.ccp	
CANADIAN FOREST PRODUCTS LTD.		Computerized Decay			Compiled by: canadain forest products ltd.	
Licence Number: A18978 CP: 355		Computerized Waste			Cruised by: YVAN KATHRINER, NONE,	
Project: 1		Computerized Breakage			Version: 2013.01 IFS build 5833	
		FIZ: F				
		PSYU: Cranbrook				
		Region: 2 - Southern Interior				
		District: 11 - Rocky Mountain				

[CABLE : 9.0]

		Total	Conifer	F	B	S	PL	L
Utilization Limits								
Min DBH	cm (M)			17.5	17.5	17.5	12.5	17.5
Stump Ht	cm (M)			30.0	30.0	30.0	30.0	30.0
Top Dia	cm (M)			10.0	10.0	10.0	10.0	10.0
Log Len	m			5.0	5.0	5.0	5.0	5.0
Volume and Size Data								
Gross Merchantable	m3	2985	2985	37	167	41	2604	135
Net Merchantable	m3	2815	2815	36	161	39	2451	129
Net Merch - All	m3/ha	312.818	312.818	3.955	17.899	4.354	272.290	14.321
Net Merch - Live	m3/ha	300.090	300.090	3.955	17.899	2.611	261.305	14.321
Net Merch - DP	m3/ha	12.728	12.728			1.743	10.985	
Decay	%	2	2	2	2	3	2	2
Waste(billing)	%							
Total Cull (DWB)	%	6	6	4	4	5	6	5
Net Merch Vol/Tree	m3	0.27	0.27	0.57	0.25	0.30	0.27	0.29
Avg 5.0 m Log Net	m3	0.11	0.11	0.16	0.13	0.13	0.11	0.09
Useless Dead/Living	%							
Net Second Growth	%							
All Burn Volume	%							
Heavy Fire Volume	%							
Blowdown Volume	%	4	4				4	
Insect Volume	%	10	10			40	11	

LRF and Log Summary								
Net Merch - Stud	%	68	68	46	59	54	68	81
Net Merch - Small Log	%	96	96	100	100	72	96	100
Net Merch - Large Log	%	4	4			28	4	
Avg LRF All	bdft/m3			176	180	187	176	175

FLAGS: Percent Reduction Applied, Normal Cruise, All Trees Compiled, Double Sampling Factor Applied, Damage, , Dry Belt Fir

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*** FOR APPRAISAL PURPOSES ***		P E R C E N T R E D U C T I O N A P P L I E D			HV- 1 , p45	
		Harvest Method Summary			21-Aug-2013 01:08:22PM	
Average Line Method		Grades: MOF Computerized		FIZ: F	Filename: a18978-355.ccp	
CANADIAN FOREST PRODUCTS LTD.		Computerized Decay		PSYU: Cranbrook	Compiled by: canadain forest products ltd.	
Licence Number: A18978 CP: 355		Computerized Waste		Region: 2 - Southern Interior	Cruised by: YVAN KATHRINER, NONE,	
Project: 1		Computerized Breakage		District: 11 - Rocky Mountain	Version: 2013.01 IFS build 5833	

Harvest Method : CC - Cable - Clearcut [All Treatment Units : 9.0]

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

Volume and Size Data								
Gross Merchantable	m3	2985	2985	37	167	41	2604	135
Net Merchantable	m3	2815	2815	36	161	39	2451	129
Net Merch - All	m3/ha	312.818	312.818	3.955	17.899	4.354	272.290	14.321
Net Merch - Live	m3/ha	300.090	300.090	3.955	17.899	2.611	261.305	14.321
Net Merch - DP	m3/ha	12.728	12.728			1.743	10.985	

Decay	%	2	2	2	2	3	2	2
Waste(billing)	%							
Total Cull (DWB)	%	6	6	4	4	5	6	5

Net Merch Vol/Tree	m3	0.27	0.27	0.57	0.25	0.30	0.27	0.29
Avg 5.0 m Log Net	m3	0.11	0.11	0.16	0.13	0.13	0.11	0.09
Useless Dead/Living	%							

Net Second Growth	%							
All Burn Volume	%							
Heavy Fire Volume	%							
Blowdown Volume	%	4	4				4	
Insect Volume	%	10	10			40	11	
% Average Slope		64						

LRF and Log Summary								
Net Merch - Stud	%	68	68	46	59	54	68	81
Net Merch - Small Log	%	96	96	100	100	72	96	100
Net Merch - Large Log	%	4	4			28	4	
Avg LRF All	bdft/m3			176	180	187	176	175

FLAGS: Percent Reduction Applied, Normal Cruise, All Trees Compiled, Double Sampling Factor Applied, Damage, , Dry Belt Fir

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*** FOR APPRAISAL PURPOSES ***			P E R C E N T R E D U C T I O N A P P L I E D			HV- 2 , p46		
			Harvest Method Summary			21-Aug-2013 01:08:22PM		
Average Line Method			Grades: MOF Computerized			FIZ: F		
CANADIAN FOREST PRODUCTS LTD.			Computerized Decay			PSYU: Cranbrook		
Licence Number: A18978 CP: 355			Computerized Waste			Region: 2 - Southern Interior		
Project: 1			Computerized Breakage			District: 11 - Rocky Mountain		
						Compiled by: canadain forest products ltd.		
						Cruised by: YVAN KATHRINER, NONE,		
						Version: 2013.01 IFS build 5833		

Harvest Method : SC - Ground Systems - Clearcut[All Treatment Units : 106.2]

		Total	Conifer	F	B	S	PL	L
Utilization Limits								
Min DBH	cm (M)			17.5	17.5	17.5	12.5	17.5
Stump Ht	cm (M)			30.0	30.0	30.0	30.0	30.0
Top Dia	cm (M)			10.0	10.0	10.0	10.0	10.0
Log Len	m			5.0	5.0	5.0	5.0	5.0
Volume and Size Data								
Gross Merchantable	m3	31497	31497	155	1056	1563	26176	2547
Net Merchantable	m3	29007	29007	148	968	1473	24001	2417
Net Merch - All	m3/ha	273.133	273.133	1.396	9.110	13.866	226.001	22.760
Net Merch - Live	m3/ha	239.513	239.513	1.396	8.784	12.715	195.200	21.419
Net Merch - DP	m3/ha	33.620	33.620		0.327	1.151	30.801	1.341

Decay	%	3	3	2	5	3	3	2
Waste(billing)	%	0	0		2	1	0	0
Total Cull (DWB)	%	8	8	4	8	6	8	5

Net Merch Vol/Tree	m3	0.29	0.29	0.45	0.23	0.30	0.29	0.42
Avg 5.0 m Log Net	m3	0.11	0.11	0.14	0.11	0.13	0.11	0.12
Useless Dead/Living	%							

Net Second Growth	%							
All Burn Volume	%							
Heavy Fire Volume	%							
Blowdown Volume	%	9	9		4	4	10	6
Insect Volume	%	10	10			4	12	
% Average Slope		52						

LRF and Log Summary								
Net Merch - Stud	%	68	68	51	71	68	69	57
Net Merch - Small Log	%	97	97	100	100	90	97	95
Net Merch - Large Log	%	3	3			10	3	5
Avg LRF All	bdft/m3			173	176	180	175	185

FLAGS: Percent Reduction Applied, Normal Cruise, All Trees Compiled, Double Sampling Factor Applied, Damage, , Dry Belt Fir

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