

**Directory of
Primary Wood-Using Industries
in Manitoba - 1991**

by

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Abstract

The forest industry in Manitoba was surveyed in the fall of 1991 and spring of 1992 by personal interviews with owners/managers of each operation with production exceeding 100 M fbm per year. This directory gives a summary for each operation, of mill location, ownership, capacity, production, employment, wood supply, products, markets, equipment, and factors limiting present operation and expansion. Sawmills, planing mills and wood treating plants, other miscellaneous wood-using industries and pulp, paper and fibreboard mills are grouped by industry type, size of operation, and forest region.

Acknowledgements

This directory could not have been completed without the cooperation and consideration of the management personnel and the owners of the forest industry in Manitoba. Their contribution is gratefully acknowledged.

Appreciation is also extended to the headquarters staff, field foresters and conservation officers of the Manitoba Natural Resources for their invaluable assistance.

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Introduction

This directory lists the primary wood-using industries in Manitoba during 1991. It documents the improvements in Manitoba's forest industry since the previous directory was compiled in 1985 and provides data on sawmill-planing complexes, independent planing mills, wood treating plants and miscellaneous wood-using industries as well as pulp, paper and fibreboard mills.

Each operation is briefly described in terms of its location, ownership, capacity, production, employment, wood supply, markets and equipment. The factors limiting present operations and future expansion potential are also discussed.

The directory is divided into eight major sections:

1. Sawmill-planing complexes producing more than 5 MM fbm
2. Sawmill-planing complexes producing 1 MM to 4.999 MM fbm
3. Sawmill-planing complexes producing 100 M to 999 M fbm
4. Sawmill-planing complexes less than 100 M fbm
5. Independent planing mills
6. Wood treating plants
7. Pulp, paper and fibreboard mills
8. Miscellaneous wood-using industries

The information was collected in the fall of 1991 and spring of 1992 through interviews with owners or managers of the various operations. It relates to a one-year operating period, either fiscal or calendar, ending in 1991.

Product volumes, sizes and descriptions are reported in units commonly used by each industry sector. Production is reported for lumber in foot board measure (fbm), roundwood in cords or cubic feet (ft³), pulp and paper in tonnes, and fibreboard and particleboard in cubic metres (m³). Within the product description, percentage of production planed (dressed) and kiln dried is indicated. The description is listed after boards for dimension and board production, and following timbers, if timbers are planed also. A summary of the number of firms, total annual production and direct employment estimates by industry category and size is presented in imperial units on page 2 and metric units on page 3.

Appendix I documents forestry personnel of Forestry Branch, Manitoba Natural Resources. Appendix II lists associations relevant to Manitoba's primary wood-using industries. Appendix III lists information on Manitoba's timber allocation system. The larger timber quota holders in each forest section in Manitoba are listed in Appendix IV. Appendix V lists conversion factors used in this directory.

The Canada-Manitoba Partnership Agreement in Forestry has also published the *Directory of Secondary Wood-Using Industries in Manitoba - 1991*, which is available free of charge from Forestry Canada, 104 - 180 Main Street, Winnipeg, Manitoba, R3C 1A6.

Summary of Manitoba's Primary Wood-Using Industries in 1991
Number of Firms and Annual Production and Employment
(in Imperial Units)

Industry	Number of Firms	Production	Employment in Mills and Woodlands (person-years) [†]
Sawmill-planing complexes producing more than 5 MM fbm	3	81.2 MM fbm 19.0 M cords roundwood [‡] 61.8 M BDU chips	303
Sawmill-planing complexes producing 1 MM to 4.999 MM fbm	8	12.0 MM fbm 24.4 M cords roundwood 0.1 M BDU chips 154.5 M ft ³ posts and poles	138
Sawmill-planing complexes producing 100 M to 999 M fbm	10	3.7 MM fbm 25.9 M cords roundwood	32
Sawmill-planing complexes producing less than 100 M fbm	103	3.8 MM fbm	20 ^{††}
Independent planing mills	4	30.0 MM fbm ^{‡‡}	62
Wood treating plants	2	19.3 MM fbm treated lumber 966.4 M ft ³ treated stock	39
Pulp, paper and fibreboard mills	5	135.2 M tons newsprint 146.6 M tons pulp & paper 30.3 MM ft ² insulation board (3/8 inch basis) 17.4 MM ft ² particleboard (3/4 inch basis)	1265
Commercial fuelwood producers	41	17.3 M cords roundwood	24
Miscellaneous wood-using industries	6	2.8 MM fbm 0.5 M cords roundwood 23.0 M BDU chips 410.2 M ft ³ post and poles	34
Log producers: unaccounted woodlands labour estimates for purchased wood and custom sawn wood	N/A	N/A	87
Total	182		2004

† Person-years rounded to agree with original data totals

‡ Roundwood includes sawlogs, pulpwood and firewood

†† No personal interviews with this sawmill group; production and employment estimated from provincial forestry records

‡‡ Includes rough lumber produced by the sawmill industry

Summary of Manitoba's Primary Wood-Using Industries in 1991
Number of Firms and Annual Production and Employment
(in Metric Units)

Industry	Number of Firms	Production	Employment in Mills and Woodlands (person-years) [†]
Sawmill-planing complexes producing more than 5 MM fbm	3	459.6 M m ³ 47.5 M m ³ roundwood [‡] 67.3 M tonnes chips	303
Sawmill-planing complexes producing 1 MM to 4.999 MM fbm	8	67.9 M m ³ 61.0 M m ³ roundwood 0.1 M tonnes chips 4.3 M m ³ post and poles	138
Sawmill-planing complexes producing 100 M to 999 M fbm	10	21.1 M m ³ 64.8 M m ³ roundwood	32
Sawmill-planing complexes producing less than 100 M fbm	103	21.6 M m ³	20 ^{††}
Independent planing mills	4	169.8 M m ³ ^{‡‡}	62
Wood treating plants	2	109.2 M m ³ treated lumber 27.1 M m ³ treated stock	39
Pulp, paper and fibreboard mills	5	122.6 M tonnes newsprint 133.0 M tonnes pulp & paper 26.8 M m ³ insulation board 30.8 M m ³ particleboard	1265
Commercial fuelwood producers	41	43.2 M m ³ roundwood	24
Miscellaneous wood-using industries	6	15.8 M m ³ 1.2 M m ³ roundwood 25.1 M tonnes chips 11.6 M m ³ post and poles	33
Log producers: unaccounted woodlands labour estimates for purchased wood and custom sawn wood	N/A	N/A	87
Total	182		2004

[†] Person-years rounded to agree with original data totals

[‡] Roundwood includes sawlogs, pulpwood and firewood

^{††} No personal interviews with this sawmill group; production and employment estimated from provincial forestry records

^{‡‡} Includes rough lumber produced by the sawmill industry

Glossary of Terms

Abbreviations:

Units of Measure:

fbm	-	foot board measure	mm	-	millimetre
BDU	-	bone dry unit (2400 lb of bone dry wood chips)	cm	-	centimetre
M	-	thousand	m	-	metre
MM	-	million	km	-	kilometre
in (")	-	inch	m ²	-	square metre
ft (')	-	foot	m ³	-	cubic metre
ft ²	-	square foot	kg	-	kilogram
ft ³	-	cubic foot			
lb	-	pound			

Tree Species:

Coniferous Trees

EC	-	Eastern white cedar
WC	-	Western red cedar
BF	-	Balsam fir
TL	-	Tamarack/larch
JP	-	Jack pine
RP	-	Red pine
WP	-	White pine
BS	-	Black spruce
WS	-	White spruce
SPF	-	Spruce pine fir mix
Other conifers: Other tree species combinations		

Deciduous Trees

TA	-	Trembling aspen
WB	-	White birch
BO	-	Bur oak
RO	-	Red oak
WO	-	White oak
PO	-	Balsam poplar
Other deciduous: Other tree species combinations		

Definitions:

Custom sawing and/or planing:	The mills that provide this service cut and/or plane other industries' or individual's logs and lumber for a service charge
Cuts to customer's specifications:	The mills that provide this service allow the customer to specify the sizes of the final product
Local:	Pertaining to markets - defined as the area within a 50-mile radius
Person-year:	Equivalent to 240 days at eight hours per day
Roundwood:	Includes sawlogs, pulpwood and firewood

Alphabetical Listing of Manitoba's Primary Wood Using Industry

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Sawmill-Planing Complexes

More than 5 MM fbm

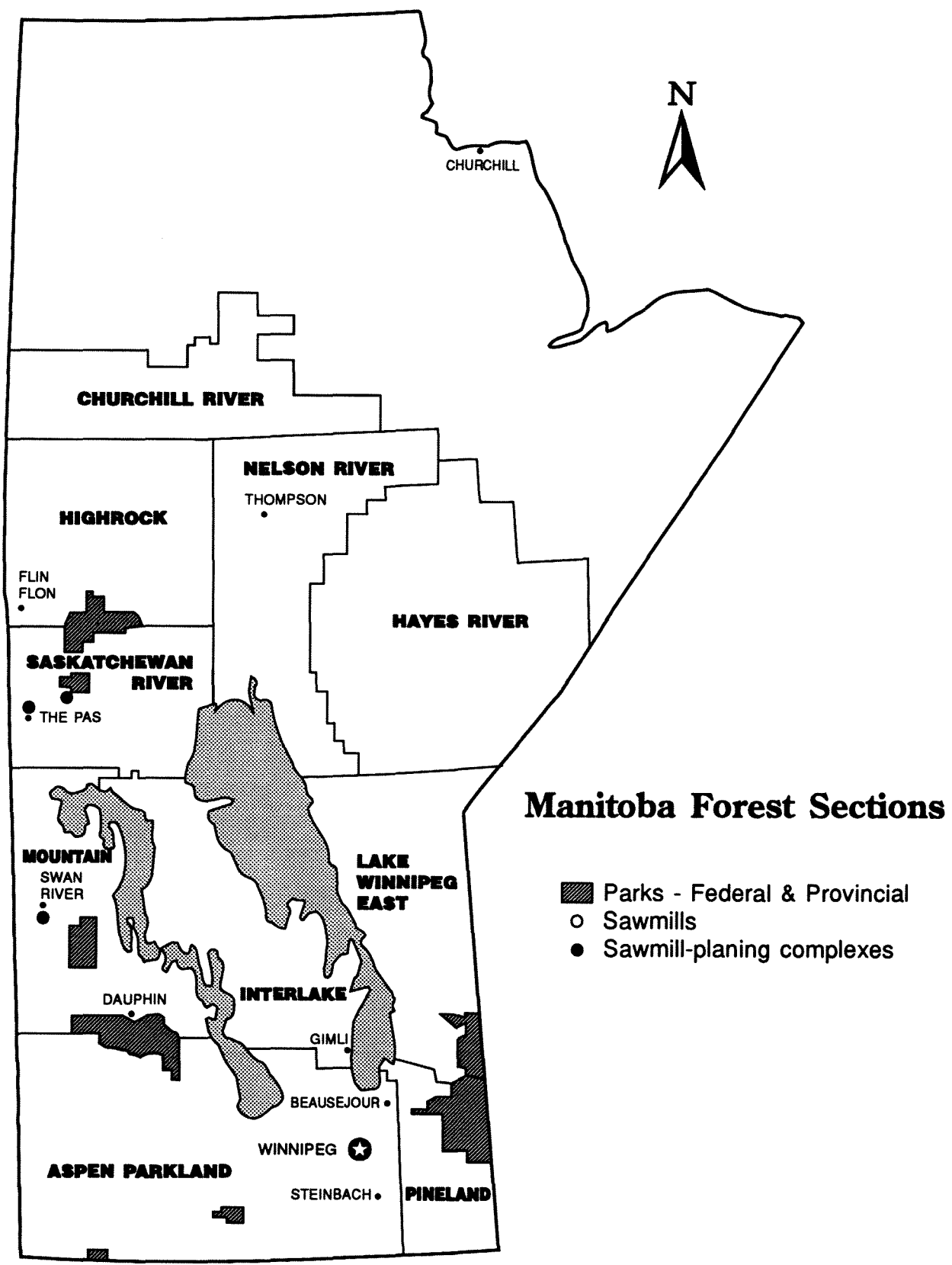


Figure 1: Location of sawmills producing more than 5 MM fbm/year

Sawmill-Planing Complexes

More than 5 MM fbm

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Repap Manitoba

Address: Box 1590
The Pas, Manitoba
R9A 1L4

Telephone: 623-7411

Fax: 623-3914

Mill Location: The Pas, Manitoba

Woodlands Management: Pete Mercer, Woodlands Manager

Mill Management: Ken Pickrell, Lumber Manager

Mill Capacity: Sawmill - 205 M fbm/8 hr shift
Planing mill - 190 M fbm/8 hr shift

Production 1990-91: 63.0 MM fbm
53.1 M BDU chips

Products: Dimension lumber: 2 x 4 - 75% (including studs)
2 x 6 - 24%
2 x 10 - 1%
Studs, random lengths, dressed, kiln dried

Products by Grade: #2 and better - 80%
#3 - 15%
Economy - 5%

Species Utilized: JP - 60%
WS - 20%
BS - 20%

Wood Supply: Negotiated agreement - 72%
Purchased: Manitoba - 18%
Saskatchewan - 10%

Average Log Haul Woods to Mill: 115 kilometres

Year Mill was Constructed or Rebuilt: Sawmill - 1984

Average Employment Months of Operation: Woodlands:
Contract - 108 - F M A M J J - - - N D
Own - 70 - F M A M J J - - - N D
Sawmill: 70 J F M A M J J - - - N D
Planing Mill: 43 J F M A M J J - - - N D
Sales/Office: 8 J F M A M J J A S O N D

Repap Manitoba (continued)

Transportation:	Inputs: Truck - 90% Rail (CNR) - 10% Products: Rail (CNR) - 95% Truck - 5%
Markets:	Midwestern USA - 60% Manitoba - 35% Local - 5%
Special Services:	Precision end trimmed, unit strapped, dressed, graded and packaged
Memberships:	Canadian Pulp and Paper Association Central Forest Products Association Forest Engineering Research Institute of Canada Pulp and Paper Research Institute of Canada
Mill Stamp:	CFPA #44
Energy Supply for Mill:	Electricity - self-generated Steam heat - self-generated
Usage of Wood Residues:	Tops, slabs and edgings - wood chips Bark - hog fuel
Woodlands Equipment:	10 - Forano 1-man slashers 2 - Champion graders 1 - John Deere grader 7 - Komatsu crawlers 2 - Pettibone Super 20 1 - Michigan loader 125 1 - Cruz-Aire 40 BYR 1 - Drott 40 loader 1 - Tanguay Knuckleboom loader 46 - Service vehicles 6 - Crew buses
Mill Facilities/Equipment:	Stationary sawmill-planing mill complex 2 - Stationary debarking plants 2 - 50" Forano slasher saws 4 - Valon Kone model 450 debarkers 1 - 20" Brunette Optimil, double length, full taper, chipper canter 1 - 12" Brunette Optimil, double length, full taper, chipper canter 2 - Opcon Optimux scanning systems 2 - ACT Scanner/computer systems 2 - 20 flying log turners 1 - Double arbor shifting resaw 1 - PHL Model B6-V15L double arbor vertical edger 1 - 16' Brunette 2-head chipping edger 1 - PHL Model B6-V15 double arbor vertical edger

Repap Manitoba (continued)

Mill Facilities/Equipment: (continued)

Stationary sawmill-planing mill complex (continued)

- 1 - 8' Brunette reman pocket edger
- 1 - SAAB Model 2300T 16' wane-up/wane-down, trimmer optimizer
- 1 - Irvington Moore 667 mechanical lift 16' trimmer
- 1 - Newnes 26 bin lumber sorter
- 2 - Newnes Neutronic lug loaders
- 1 - Precision end trimmer
- 1 - Automatic Newnes stacker
- 1 - 48" Williams hog pulverizer
- 1 - 66" Carthage chipper
- 1 - Letson Burpee 5' bandsaw
- 3 - HR 662 Holmes blowers
- 1 - HR 80 Holmes blower
- 6 - Moore dry kilns - 100 M fbm/charge
- 1 - Moore unstacker
- 1 - 6-12C1 Stetson Ross planer
- 1 - Irvington Moore mechanical lift 16' trimmer
- 1 - Moore end stacker
- 1 - Acme strapper
- 3 - 1641 Volvo loaders
- 6 - Forklifts
- 5 - Service vehicles

Limiting Factors for Operation and Expansion:

Small timber size

Estimated Replacement Cost of Buildings, Fixed and Mobile Equipment:

\$38,868,000

Forest Section:

Saskatchewan River

Spruce Products Ltd.
(Atikameg Lake)

Address: Spruce Products Ltd. or Atikameg Lake Sawmill
Box 1210 Box 1199
Swan River, Manitoba The Pas, Manitoba
R0L 1Z0 R9A 0Y3

Telephone: 734-3089 - Swan River
624-5479 - Atikameg Lake

Fax: 734-2906 - Swan River

Mill Location: Atikameg Lake, Manitoba

Woodlands Management: Stan Hoard, Woodlands Manager

Mill Management: Ivan Balenovic, Vice-President and Secretary-Treasurer
Stan Hoard, Mill Manager

Mill Capacity: Sawmill - 35 M fbm/8 hr shift
Planing mill - 45 M fbm/8 hr shift

Production 1990-91: 5.0 MM fbm
1.4 M BDU chips
4.0 M cords pulpwood

Products: Dimension lumber: 2 x 4 - 40%
2 x 6 - 20%
2 x 8 - 5%
2 x 10 - 8%
Boards: 1 x 4 - 5%
1 x 6 - 1%
1 x 8 - 1%
Random lengths, dressed
Mine timbers: - 20%

Products by Grade: #2 and better - 85%
Utility - 10%
Economy - 5%

Species Utilized: JP - 55%
BS - 25%
WS - 20%

Wood Supply: Quota

Average Log Haul Woods to Mill: 80 kilometres

Spruce Products Ltd. (Atikameg Lake) (continued)

Year Mill was Constructed or Rebuilt:	1970																																							
Average Employment Months of Operation:	<p>Woodlands:</p> <table border="0"> <tr> <td>Contract - 12</td> <td>J</td><td>F</td><td>M</td><td>A</td><td>M</td><td>J</td><td>J</td><td>A</td><td>S</td><td>O</td><td>N</td><td>D</td> </tr> <tr> <td>Sawmill: 8</td> <td>-</td><td>-</td><td>-</td><td>A</td><td>M</td><td>J</td><td>J</td><td>A</td><td>S</td><td>O</td><td>N</td><td>-</td> </tr> <tr> <td>Sales/Office: 2</td> <td>J</td><td>F</td><td>M</td><td>A</td><td>M</td><td>J</td><td>J</td><td>A</td><td>S</td><td>O</td><td>N</td><td>D</td> </tr> </table>	Contract - 12	J	F	M	A	M	J	J	A	S	O	N	D	Sawmill: 8	-	-	-	A	M	J	J	A	S	O	N	-	Sales/Office: 2	J	F	M	A	M	J	J	A	S	O	N	D
Contract - 12	J	F	M	A	M	J	J	A	S	O	N	D																												
Sawmill: 8	-	-	-	A	M	J	J	A	S	O	N	-																												
Sales/Office: 2	J	F	M	A	M	J	J	A	S	O	N	D																												
Transportation:	<p>Inputs: Truck</p> <p>Products: Truck</p>																																							
Markets:	<p>Manitoba - 90%</p> <p>Local - 10%</p>																																							
Special Services:	Cuts to customers' specifications, unit strapped, dressed and graded, mining timbers																																							
Memberships:	<p>Central Forest Products Association</p> <p>Manitoba Forestry Association</p>																																							
Mill Stamp:	CFPA #12																																							
Energy Supply for Mill:	Electricity - Manitoba Hydro																																							
Usage of Wood Residues:	<p>Slabs and edgings - wood chips</p> <p>Bark, sawdust and shavings - hog fuel</p>																																							
Woodlands Equipment:	<p>1 - D6 Caterpillar dozer</p> <p>1 - HD II Allis dozer</p> <p>1 - Skidder</p> <p>1 - Hood slasher</p>																																							
Mill Facilities/Equipment:	<p>Stationary sawmill-planing mill complex</p> <p>1 - Morbark debarker</p> <p>1 - Mainland 4-saw scragg</p> <p>1 - Mainland edger</p> <p>1 - Beaver 49 planer</p> <p>1 - Resaw</p> <p>1 - Green chain</p> <p>1 - Mainland system of conveyors</p> <p>1 - Mainland trim saw assembly</p> <p>2 - Volvo loaders</p> <p>6 - 45' chip and hop trailers</p>																																							
Limiting Factors for Operation and Expansion:	Market fluctuations																																							
Estimated Replacement Cost of Buildings, Fixed and Mobile Equipment:	\$700,000																																							
Forest Section:	Saskatchewan River																																							

Spruce Products Ltd.[†]
(Swan River)

Address: Box 1210
Swan River, Manitoba
R0L 1Z0

Telephone: 734-3089 - Swan River

Fax: 734-2906

Mill Location: Swan River, Manitoba

Woodlands Management: Marty Anderson, Woodlands Manager

Mill Management: Ivan Balenovic, Vice-President and Secretary Treasurer
Dick Walker, Mill Manager

Mill Capacity: Sawmill - 50 M fbm/8 hr shift
Planing mill - 80 M fbm/8 hr shift

Production 1990-91: 13.2 MM fbm
7.3 M BDU chips
15.0 M cords pulpwood

Products:

Dimension lumber:	2 x 4	-	34%
	2 x 6	-	36%
	2 x 8	-	11%
	2 x 10	-	10%
Boards:	1 x 4	-	5%
	1 x 6	-	3%
	1 x 8	-	1%

Random lengths, 91% dressed

Products by Grade:

#2 and better	-	72%
#3 and better	-	10%
Utility	-	12%
Economy	-	3%
Rough	-	3%

Species Utilized:

WS	-	40%
JP	-	30%
BS	-	25%
TA	-	5%

Wood Supply:

Quota	-	96%
Private	-	4%

Average Log Haul Woods to Mill: 65 kilometres

[†] For details of mobile chipping plant operation, see Spruce Products Ltd., page 118.

Spruce Products Ltd. (Swan River) (continued)

Year Mill was Constructed or Rebuilt: 1974

Average Employment Months of Operation: Woodlands:
Contract - 34 J F M A M J J A S O N D
Sawmill: 25 J F M A M J J A S O N D
Sales/Office: 7 J F M A M J J A S O N D

Transportation: Inputs: Truck
Products: Truck

Markets: Manitoba - 50%
Western USA - 40%
Ontario - 10%

Special Services: Cuts to customers' specifications, unit strapped, end painted, dressed and graded

Memberships: Central Forest Products Association
Manitoba Forestry Association
Mountain Quota Holders Association

Mill Stamp: CFPA #26

Energy Supply for Mill: Electricity - Manitoba Hydro

Usage of Wood Residues: Slabs, edgings and blocks - wood chips
Bark, sawdust and shavings - hog fuel

Woodlands Equipment:
1 - Clark 670 skidder
1 - D4 Caterpillar dozer
1 - Champion grader

Mill Facilities/Equipment: Stationary sawmill-planing mill complex
1 - Morbark 630 debarker
1 - Valon Kone 450 debarker
1 - Mainland twin scragg
1 - Mainland split roll edger
1 - Mainland slab resaw
1 - Mainland system of conveyors
1 - McDonough band resaw
1 - Greenchain
1 - Precision 54" chipper and screen
1 - Yates A-20 planer
1 - Drychain and grading facility
3 - Volvo L90 loaders
1 - Volvo 4400 loader
6 - 45' chip vans

Limiting Factors for Operation and Expansion: Market fluctuations

Estimated Replacement Cost of Buildings, Fixed and Mobile Equipment: \$3,000,000

Forest Section: Mountain

Sawmill-Planing Complexes

1 MM to 4.999 MM fbm

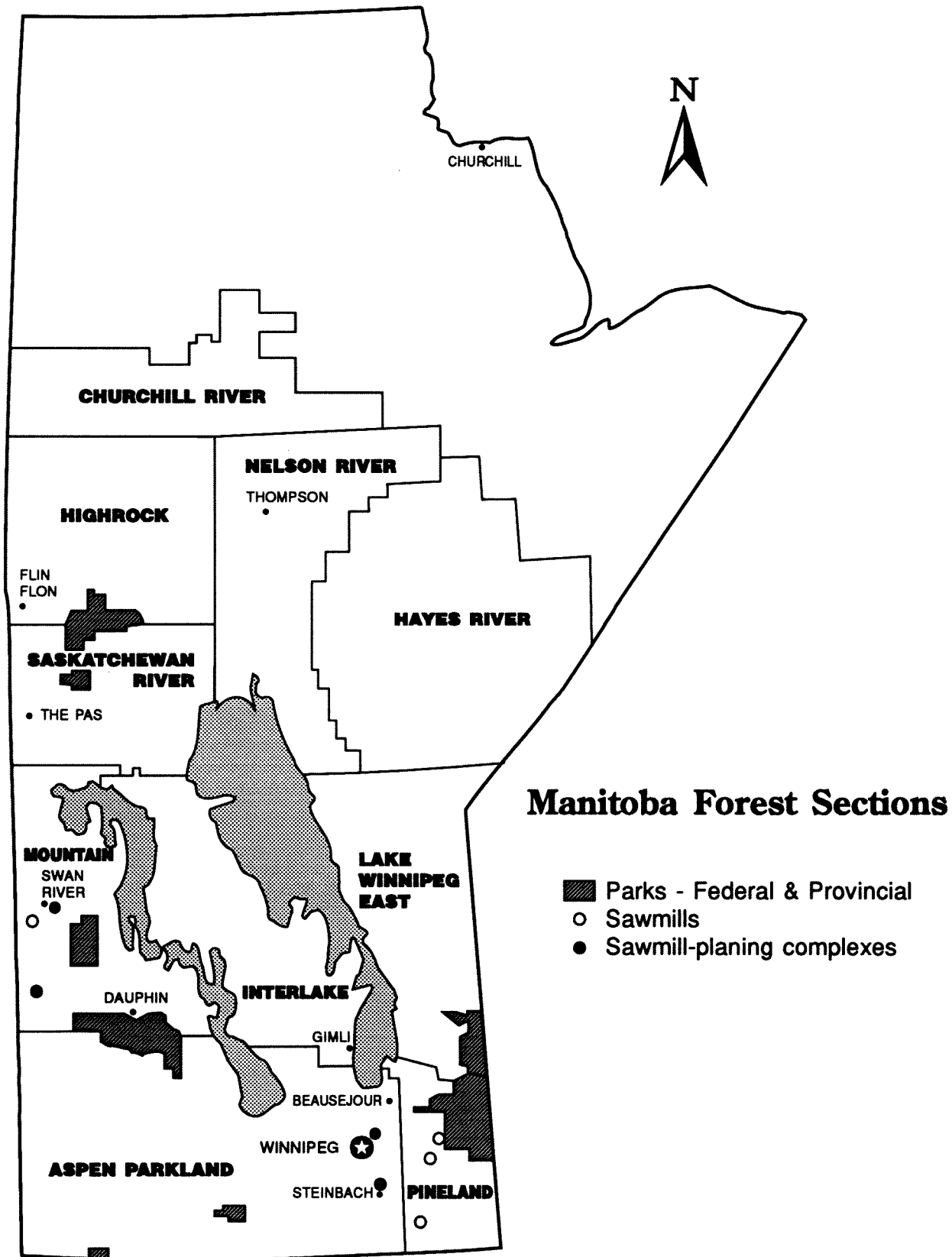


Figure 2: Location of sawmills producing 1 MM to 4.999 M fbm/year

Sawmill-Planing Complexes

1 MM to 4.999 MM fbm

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Godard Forest Products Ltd.

Address: Box 29
Richer, Manitoba
R0E 1S0

Telephone: 422-5662

Mill Location: Portable sawmill, various locations in Pineland Forest Section

Mill Management: Jules Godard

Mill Capacity: Sawmill - 15 M fbm/8 hr shift

Production 1990-91: 1.5 MM fbm

Products: Dimension lumber: 2 x 4 - 20%
2 x 6 - 25%
2 x 8 - 20%
Random lengths, rough
Timbers: 4 x 4 - 35%

Species Utilized: TA - 87%
TL - 13%

Wood Supply: Quota - 87%
Permit - 13%

Average Log Haul Woods to Mill: 0.5 kilometres

Year Mill was Constructed or Rebuilt: 1988

Average Employment Months of Operation: Woodlands:
Own - 2 J F M A M - - - - O N D
Sawmill: 3 J F M A M - - - - O N D

Transportation: Inputs: Skidder
Products: Truck

Markets: Manitoba

Special Services: Cuts to customers' specifications

Energy Supply for Mill: Diesel power unit

Usage of Wood Residues: Slabs, sawdust and edgings - no use, burned

Woodlands Equipment: 2 - Tree Farmer skidders
1 - Allis Chalmers crawler
1 - Grader

Godard Forest Products Ltd. (continued)

Mill Facilities/Equipment:

Portable sawmill

- 1 - 44 - 50" circular headsaw
- 1 - Trim saw assembly
- 2 - Forklifts
- 2 - Allis Chalmers loaders
- 2 - Allis Chalmers power units

Limiting Factors for

Operation and Expansion:

Wood supply

Estimated Replacement Cost of Buildings, Fixed and Mobile Equipment:

\$250,000

Forest Section:

Pineland

Kotyk Lumber Ltd.

Address: Box 1606
Swan River, Manitoba
R0L 1Z0

Telephone: 734-3819

Mill Location: Swan River, Manitoba

Woodlands Management: Gerald and Eugene Kotyk

Mill Management: Gerald and Eugene Kotyk

Mill Capacity: Sawmill - 15 M fbm/8 hr shift
Planing mill - 40 M fbm/8 hr shift

Production 1990-91: 1.0 MM fbm
500 cords pulpwood

Products: Dimension lumber: 2 x 4 - 6%
2 x 6 - 40%
2 x 8 - 32%
2 x 10 - 6%
Boards: 1 x 4 - 3%
1 x 6 - 3%
Random lengths, 94% dressed
Timbers: - 2%
Railway ties: - 8%

Products by Grade: #2 and better - 80%
Utility - 12%
Economy - 8%

Species Utilized: WS - 50%
BS - 30%
JP - 20%

Wood Supply: Quota

Average Log Haul Woods to Mill: 60 kilometres

Year Mill was Constructed or Rebuilt: 1975

Average Employment Months of Operation: Woodlands: 10 J F - - - - - N D
Sawmill: 9 - - - A M J J A S O - -
Sales/Office: 1 - - - A M J J A S O - -

Kotyk Lumber Ltd. (continued)

Transportation:	Inputs: Truck Products: Truck - 90% Rail (CNR) - 10%
Markets:	Eastern Canada - 50% Manitoba - 30% Saskatchewan - 12% Alberta - 8%
Special Services:	Cuts to customers' specifications, end coated, unit strapped, dressed and graded
Memberships:	Central Forest Products Association
Mill Stamp:	CFPA #34
Energy Supply for Mill:	Diesel power unit
Usage of Wood Residues:	Slabs and edgings - 75% fuelwood - 25% no use, burned Sawdust and shavings - no use, burned
Woodlands Equipment:	1 - 78 Ford log truck with Barko 80 cherry picker 1 - C4 Tree Farmer skidder 2 - C5 Tree Farmer skidders 1 - HDH Allis Chalmers crawler
Mill Facilities/Equipment:	Stationary sawmill-planing mill complex 1 - 48" circular headsaw 1 - Tanguay slasher 1 - Coutts 2-saw scragg 1 - Coutts edger 1 - Resaw 1 - Alco planer 1 - 641 Volvo loader 1 - Case W18 loader 1 - Lath mill 1 - Post peeler
Limiting Factors for Operation and Expansion:	Timber supply, labour shortage, market fluctuations
Estimated Replacement Cost of Buildings, Fixed and Mobile Equipment:	\$770,000
Forest Section:	Mountain

Kurian Construction Ltd.[†]

Address:	Box 41 Elma, Manitoba R0E 2G0
Telephone:	348-2526
Mill Location:	Elma, Manitoba
Woodlands Management:	Harry Proceviat
Mill Management:	Bill Kurian and Harry Proceviat
Mill Capacity:	Sawmill - 20 M fbm/8 hr shift
Production 1990-91:	1.0 MM fbm 110 BDU chips
Products:	Timbers: 3 x 4 - 10% 3 x 6 - 10% 4 x 4 - 15% 4 x 5 - 30% 4 x 6 - 30% Railway ties: 7 x 9 - 5%
Products by Grade:	Mill run
Species Utilized:	JP
Wood Supply:	Quota - 90% Permit - 10%
Average Log Haul Woods to Mill:	50 kilometres
Year Mill was Constructed or Rebuilt:	1986
Average Employment Months of Operation:	Woodlands: Contract - 6 J F M A M J J A S - N D Sawmill: 6 J F M A M J J A S O N D Sales/Office: 2 J F M A M J J A S O N D
Transportation:	Inputs: Truck Products: Truck
Markets:	Local - 95% (Pallet plant) Manitoba - 5%

[†] For details of pallet plant, see Kurian Construction Ltd., page 115.

Kurian Construction Ltd. (continued)

Special Services:	Cuts to customers' specifications
Memberships:	South East Quota Holders Association
Energy Supply for Mill:	Electricity
Usage of Wood Residues:	Chips - pulpmill Sawdust - fire logs
Mill Facilities/Equipment:	Stationary sawmill-remanufacturing complex 1 - Forano twin saw 1 - 8" bull edger 1 - Log debarker 1 - Chipper 1 - Loader
Limiting Factors for Operation and Expansion:	Timber supply, market fluctuations
Estimated Replacement Cost of Buildings, Fixed and Mobile Equipment:	\$245,000
Forest Section:	Pineland

**Palliser Furniture Ltd.
(Sawmill Department)**

Address: 55 Vulcan Avenue
Winnipeg, Manitoba
R2G 1B9

Telephone: 988-3969

Fax: 222-1899

Mill Location: 770 Pandora Avenue East
Winnipeg, Manitoba
R2C 3N1

Woodlands Management: Arvid Loewen

Mill Management: Arvid Loewen, Plant Manager

Mill Capacity: Sawmill - 12 M fbm/8 hr shift

Production 1990-91: 1.3 MM fbm

Products: Boards:
 Frame stock: 1 x 2 - 20%
 1 x 2.5 - 7%
 1 x 3 - 7%
 1 x 3.5 - 7%
 1 x 4 - 8%
 1 x 4.5 - 8%
 1 x 5 - 8%
 1 x 5.5 - 15%
 1 x 7.5 - 20%

8 foot lengths, dressed

Species Utilized: TA - 80%
JP - 20%

Wood Supply: Timber allocation - 60%
Purchased - 40%

Average Log Haul Woods to Mill: 115 kilometres

Year Mill was Constructed or Rebuilt: 1990

Average Employment Months of Operation: Woodlands:
 Contract - 6 J F M A M J J A S O N D
 Sawmill: 8 J F M A M J J A S O N D

Palliser Furniture Ltd. (Sawmill Department) (continued)

Transportation:	Inputs: Truck Products: Truck
Markets:	Internal use as upholstery stock
Energy Supply for Mill:	Electricity - Manitoba Hydro Natural gas - Greater Winnipeg Gas
Usage of Wood Residues:	Residue used in particleboard manufacturing
Mill Facilities/Equipment:	Morbark debarker Moehringer sash gang saw Pinara multirip/planer
Limiting Factors for Operation and Expansion:	In-house demand for furniture stock
Estimated Replacement Cost of Buildings, Fixed and Mobile Equipment:	\$700,000
Forest Section:	Aspen Parkland

Riehl Lumber and Logging Ltd.

Address: Box 92
Durban, Manitoba
R0L 0P0

Telephone: 539-2406

Mill Location: Durban, Manitoba

Woodlands Management: Garth Riehl

Mill Management: Garth Riehl

Mill Capacity: Sawmill - 30 M fbm/8 hr shift

Production 1990-91: 1 MM fbm
1.8 M cords sawlogs
1.7 M cords pulpwood

Products:

Dimension lumber:	2 x 4	- 10%
	2 x 6	- 30%
Boards:	1 x 4	- 5%
	1 x 6	- 5%
	1 x 8	- 5%
<i>Random lengths, rough</i>		
Timbers:	3 x 4	- 30%
	8 x 8	- 15%

Products by Grade: Mill run

Species Utilized: TA - 96%
WB - 4%

Wood Supply: Quota

Average Log Haul Woods to Mill: 28 kilometres

Year Mill was Constructed or Rebuilt: 1984

Average Employment Months of Operation:

Woodlands:														
Contract	- 4	J	F	M	-	-	-	-	A	S	O	N	D	
Own	- 4	J	F	M	-	-	-	-	A	S	O	N	D	
Sawmill:	8	-	-	-	A	M	J	-	-	-	-	-	-	

Transportation:

Inputs:	Truck
Products:	Truck

Riehl Lumber and Logging Ltd. (continued)

Markets:	Local - 45%
	Midwest USA - 35%
	Manitoba - 20%
Special Services:	Cuts to customers' specifications
Memberships:	Mountain Quota Holders Association
Energy Supply for Mill:	Diesel-electric power unit
Usage of Wood Residues:	No use
Woodlands Equipment:	4 - Skidders
	1 - Hahn Harvester
	1 - Hydro-ax feller buncher
	1 - Koehring felling head
	4 - Logging trucks with trailers
Mill Facilities/Equipment:	Stationary sawmill complex
	1 - 48-52" circular headsaw with carriage
	1 - Bull edger
	1 - Trim saw assembly
Limiting Factors for Operation and Expansion:	Timber supply, market fluctuations
Estimated Replacement Cost of Buildings, Fixed and Mobile Equipment:	\$700,000
Forest Section:	Mountain

Roblin Forest Products Ltd.[†]

Address: Box 819
Roblin, Manitoba
R0L 1P0

Telephone: 937-2103

Fax: 937-8029

Mill Location: Roblin, Manitoba

Woodlands Management: Ernie Tirschmann, General Manager

Mill Management: Ernie Tirschmann, General Manager
Joyce Syko, Office Manager
William Evans, Yard Foreman

Mill Capacity: Sawmill - 50 M fbm/8 hr shift
Planing mill - 50 M fbm/8 hr shift

Production 1990-91: 2.0 MM fbm lumber
154.5 M ft³ post and poles
1.4 M cords pulpwood

Products:

Dimension lumber:	2 x 4	- 36%
	2 x 6	- 11%
	2 x 8	- 9%
	2 x 10	- 8%
Boards:	1 x 4	- 6%
	1 x 6	- 7%
	1 x 8	- 3%

Random lengths, 45% dressed

Timbers:	- 20%
----------	-------

Products by Grade:

Stud grade, #2 and better	- 90%
Utility	- 10%

Species Utilized:

JP	- 43%
WS	- 35%
BS	- 20%
PO	- 2%

Wood Supply:

Quota	- 81%
Purchased	- 19%

[†] For details of wood treating operation, see Roblin Forest Products Ltd., page 84.

Roblin Forest Products Ltd. (continued)

Average Log Haul Woods to Mill:	52 kilometres																																							
Year Mill was Constructed or Rebuilt:	1958																																							
Average Employment Months of Operation:	<p>Woodlands:</p> <table border="0"> <tr> <td>Contract - 18</td> <td>J</td><td>F</td><td>M</td><td>A</td><td>-</td><td>-</td><td>J</td><td>A</td><td>S</td><td>O</td><td>N</td><td>D</td> </tr> <tr> <td>Sawmill: 26</td> <td>J</td><td>F</td><td>M</td><td>A</td><td>M</td><td>J</td><td>J</td><td>A</td><td>S</td><td>O</td><td>N</td><td>D</td> </tr> <tr> <td>Sales/Office: 3</td> <td>J</td><td>F</td><td>M</td><td>A</td><td>M</td><td>J</td><td>J</td><td>A</td><td>S</td><td>O</td><td>N</td><td>D</td> </tr> </table>	Contract - 18	J	F	M	A	-	-	J	A	S	O	N	D	Sawmill: 26	J	F	M	A	M	J	J	A	S	O	N	D	Sales/Office: 3	J	F	M	A	M	J	J	A	S	O	N	D
Contract - 18	J	F	M	A	-	-	J	A	S	O	N	D																												
Sawmill: 26	J	F	M	A	M	J	J	A	S	O	N	D																												
Sales/Office: 3	J	F	M	A	M	J	J	A	S	O	N	D																												
Transportation:	<p>Inputs: Truck</p> <p>Products: Truck</p>																																							
Markets:	<p>Manitoba - 60%</p> <p>Local - 20%</p> <p>Saskatchewan - 10%</p> <p>Eastern Canada - 10%</p>																																							
Special Services:	Cuts to customers' specifications, unit strapped, dressed and graded																																							
Memberships:	<p>Canadian Wood Preservers Association</p> <p>Central Forest Products Association</p> <p>Mountain Quota Holders Association</p>																																							
Mill Stamp:	CFPA #20																																							
Energy Supply for Mill:	<p>Electricity - Manitoba Hydro</p> <p>Natural gas - Intercity Gas Utilities Ltd.</p>																																							
Usage of Wood Residues:	<p>Slabs and edgings - agricultural use</p> <p>Shavings, sawdust - agricultural use</p>																																							
Woodlands Equipment:	<p>2 - D6 Caterpillar crawlers</p> <p>1 - D4 Caterpillar crawler</p> <p>2 - AR7 Patrick loaders</p> <p>1 - Champion grader</p> <p>1 - White log truck</p> <p>3 - Log and lumber trailers</p> <p>5 - Contract skidders</p>																																							
Mill Facilities/Equipment:	<p>Stationary sawmill-planing mill complex</p> <p>1 - 52" circular headsaw</p> <p>1 - 2-saw mobile scragg</p> <p>1 - Log deck</p> <p>1 - Slasher unit</p> <p>1 - Morbark debarker</p> <p>1 - Marathon gang saw</p> <p>1 - Trojan edger</p> <p>1 - Board edger</p>																																							

Roblin Forest Products Ltd. (continued)

Mill Facilities/Equipment: (continued)

Stationary sawmill-planing mill complex (continued)

- 1 - Fryer Cruickshank kiln (20 M fbm/charge)
- 1 - 250 gallon water tank with pump
- 1 - Yates A20 planer
- 1 - Off-loading tilt hoist
- 1 - International forklift
- 2 - 840 Volvo loaders
- 1 - 920 Caterpillar loader
- 1 - Lath mill

Limiting Factors for Operation and Expansion:

Timber supply, market fluctuations

Estimated Replacement Cost of Buildings, Fixed and Mobile Equipment:

\$3,500,000

Forest Section:

Mountain

South East Forest Products Ltd. (Blumenort Sawmills)

Address: Blumenort, Manitoba
R0A 0C6

Telephone: 326-1341 Blumenort
452-6118 Winnipeg direct line

Mill Location: Four portable sawmills, various
locations in Lake Winnipeg East Section

Woodlands Management: Rene Levesque, Woodlands Manager

Mill Management: Abe Penner, General Manager
Randy Penner, Mill Manager

Mill Capacity: Sawmills - 40 M fbm/8 hr shift

Production 1990-91: 2.0 MM fbm
15.0 M cords pulpwood

Products:

Dimension lumber:	2 x 4	-	20%
	2 x 6	-	25%
	2 x 8	-	10%
	2 x 10	-	25%
Boards:		-	5%
<i>Random lengths, rough</i>			
Timbers:		-	13%
Railway ties:		-	2%

Species Utilized: JP - 50%
WS - 25%
TA - 25%

Wood Supply: Quota

Average Log Haul Woods to Mill: 1 kilometre

Year Mill was Constructed or Rebuilt: 1970

Average Employment Months of Operation:

Woodlands:														
Contract	-	20	J	F	M	A	M	J	J	A	S	O	N	D
Own	-	1	J	F	M	A	M	J	J	A	S	O	N	D
Sawmill:		12	J	F	M	A	M	J	J	A	S	O	N	D

Transportation: Inputs: Skidder
Products: Truck

South East Forest Products Ltd. (Blumenort Sawmills) (continued)

Markets:	Manitoba All lumber sold through South East planer mill at Blumenort (see page 76 for details)
Memberships:	Central Forest Products Association
Mill Stamp:	CFPA #38 (Planer mill)
Energy Supply for Mill:	Diesel power units
Usage of Wood Residues:	Slabs and edgings - no use, burned Sawdust - no use, piled
Woodlands Equipment:	1 - C-5 Tree Farmer skidder 1 - Allis Chalmers loader
Mill Facilities/Equipment:	Portable sawmills 4 - 42" circular headsaws
Limiting Factors for Operation and Expansion:	Timber supply, market fluctuations
Estimated Replacement Cost of Buildings, Fixed and Mobile Equipment:	\$900,000
Forest Section:	Lake Winnipeg East

Wirgau Brothers Forest Products Ltd.

Address: Box 18
 Woodridge, Manitoba
 R0A 2N0

Telephone: 429-2285

Mill Location: Woodridge, Manitoba

Woodlands Management: Louis Wirgau

Mill Management: Suzanne Wirgau

Mill Capacity: Sawmill - 12 M fbm/8 hr shift

Production 1990-91: 2.2 MM fbm
 4.0 M cords pulpwood

Products:

Dimension lumber:	2 x 4	-	20%
	2 x 6	-	25%
	2 x 8	-	15%
Boards:	1 x 4	-	5%
	1 x 6	-	5%
	1 x 8	-	5%
<i>Random lengths, rough</i>			
Timbers:	4 x 4	-	13%
	6 x 6	-	12%

Species Utilized: TA - 60%
 JP - 40%

Wood Supply: Quota

Average Log Haul Woods to Mill: 35 kilometres

Year Mill was Constructed or Rebuilt: 1987

Average Employment Months of Operation:

Woodlands:-	7	J	F	M	A	M	J	J	A	S	O	N	D
Sawmill:	5	J	F	M	A	M	J	J	A	S	O	N	D
Sales/Office:	2	J	F	M	A	M	J	J	A	S	O	N	D

Transportation:

Inputs:	Truck
Products:	Truck

Markets:

Manitoba	-	95%
Local	-	5%

Special Services: Cuts to customers' specifications

Wirgau Brothers Forest Products Ltd. (continued)

Memberships:	South East Quota Holders Association
Energy Supply for Mill:	Diesel power unit
Usage of Wood Residues:	Slabs and edgings - fuelwood Sawdust - no use, burned
Woodlands Equipment:	1 - 664 Clark skidder 2 - 9000 Ford log trucks with Barko cherry pickers 1 - HD6 Allis Chalmers crawler 1 - 4430 John Deere front end loader
Mill Facilities/Equipment:	Stationary sawmill 1 - 44" circular headsaw 1 - 540 B John Deere loader
Limiting Factors for Operation and Expansion:	Wood supply
Estimated Replacement Cost of Buildings, Fixed and Mobile Equipment:	\$300,000
Forest Section:	Pineland

Sawmill-Planing Complexes

100 M to 999 M fbm

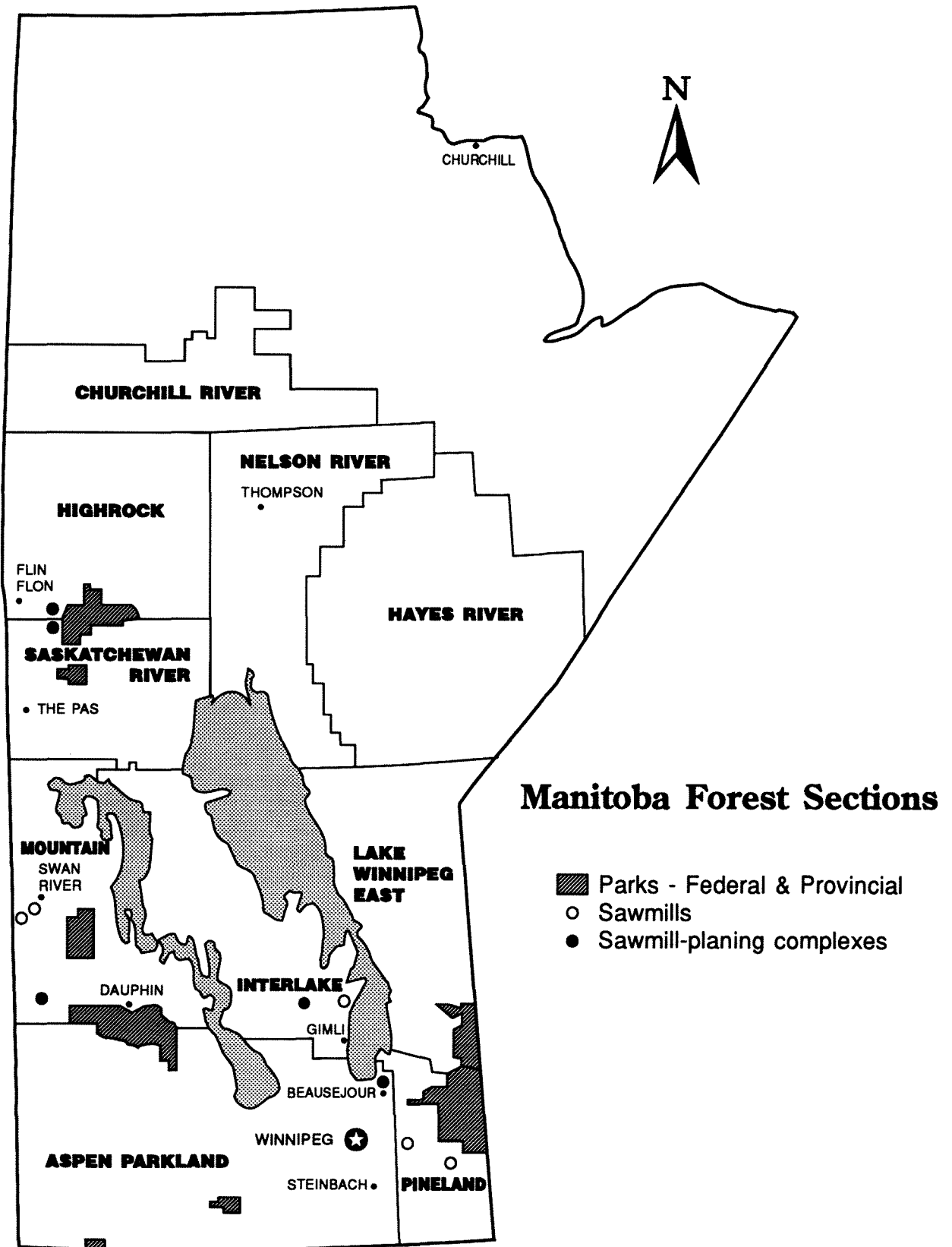


Figure 3: Location of sawmills producing 100 M to 999 M fbm/year

Sawmill-Planing Complexes

100 M to 999 M fbm

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Bielik, Peter

Address: R.R. #1
Benito, Manitoba
R0L 0C0

Telephone: 539-2097

Mill Management: Peter Bielik

Mill Capacity: Sawmill - 16 M fbm/8 hr shift

Production 1990-91: 500 M fbm

Products: Dimension lumber: 2 x 4 - 15%
2 x 6 - 40%
2 x 8 - 25%
Boards: 1 x 4 - 7%
1 x 6 - 6%
1 x 8 - 7%
Random lengths, rough

Species Utilized: TA

Wood Supply: Quota

Average Log Haul Woods to Mill: 1.5 kilometres

Average Employment Months of Operation: Woodlands/
Mill: 6 J F M - - - - - D

Transportation: Truck

Markets: Local (90% to Spruce Products Ltd.)

Special Services: Cuts to customers' specifications

Woodlands Equipment: 1 - Clarke 666 skidder
1 - Tree Farmer skidder
1 - D4 Caterpillar

Plant Facilities/Equipment: Portable sawmill
1 - 48" circular headsaw
1 - Edger

**Estimated Replacement Cost of Buildings,
Fixed and Mobile Equipment:** \$150,000

Forest Section: Mountain

Eastman Forest Products

Address:	Box 4, Group 15 Anola, Manitoba R0E 0A0
Telephone:	866-3505
Mill Management:	Ed Pawluk
Mill Capacity:	Sawmill - 10 M fbm/8 hr shift
Production 1990-91:	131 M fbm
Products:	Dimension lumber: 2 x 4 - 23% 2 x 6 - 31% 2 x 8 - 2% Boards: 1 x 4 - 19% 1 x 6 - 2% Timbers: 4 x 4 - 7% 4 x 6 - 14% 6 x 6 - 2% <i>Random lengths, rough</i>
Species Utilized:	JP - 62% TA - 38%
Wood Supply:	Permit
Average Log Haul Woods to Mill:	1 kilometre
Average Employment Months of Operation:	Woodlands/ Mill: 1 J F M A M J J A S O N D
Transportation:	Truck
Markets:	Local
Special Services:	Custom sawing, cuts to customers' specifications
Woodlands Equipment:	1 - Clarke 664 skidder
Plant Facilities/Equipment:	Portable sawmill 1 - 42" circular headsaw
Estimated Replacement Cost of Buildings, Fixed and Mobile Equipment:	\$70,000
Forest Section:	Pineland

Evankevich Lumber Co.

Address:	Box 668 Beausejour, Manitoba R0E 0C0
Telephone:	268-2410
Mill Management:	Thomas Evankevich
Mill Capacity:	Sawmill - 25 M fbm/8 hr shift
Production 1990-91:	400 M fbm
Products:	Dimension lumber: 2 x 4 - 8% 2 x 6 - 50% 2 x 8 - 12% Timbers: 4 x 4 - 15% 4 x 6 - 15% <i>Random lengths, rough</i>
Species Utilized:	TA
Wood Supply:	Quota
Average Log Haul Woods to Mill:	80 kilometres
Average Employment Months of Operation:	Woodlands/ Mill: 8 J F M A M J - - - - - D
Transportation:	Truck
Markets:	Manitoba
Special Services:	Cuts to customers' specifications
Woodlands Equipment:	1 - Tree Farmer skidder
Plant Facilities/Equipment:	Portable sawmill 1 - 48" circular headsaw 1 - Scragg saw 1 - Edger 2 - Planers
Estimated Replacement Cost of Buildings, Fixed and Mobile Equipment:	\$100,000
Forest Section:	Pineland

Intermountain Logging Ltd.

Address: R.R. #1
Durban, Manitoba
R0L 0P0

Telephone: 539-2281

Mill Management: Darren Atkinson

Mill Capacity: Sawmill - 25 M fbm/8 hr shift

Production 1990-91: 600 M fbm
13.3 M cords pulpwood
2.2 M cords sawlogs

Products: Dimension lumber: 2 x 4 - 15%
2 x 6 - 60%
2 x 8 - 2%
Boards: 1 x 4 - 12%
1 x 6 - 11%
Random lengths, rough

Species Utilized: TA - 80%
WS - 10%
WB - 10%

Wood Supply: Quota

Average Log Haul Woods to Mill: 90 kilometres

Average Employment Months of Operation: Woodlands: 8 J F M - - - J A S O - -
Mill: 7 - - - - - J A S - - -

Transportation: Truck

Markets: Local - 82%
Manitoba - 10%
Saskatchewan - 8%

Special Services: Cuts to customers' specifications

Memberships: Mountain Quota Holders Association

Woodlands Equipment: 1 - Koehring feller buncher
1 - Timberjack 450 skidder
1 - Hood slasher
1 - D8H Caterpillar
2 - Western Star logging trucks
1 - AR7 Patrick loader
1 - Champion grader

Plant Facilities/Equipment: Portable sawmill
1 - 48" circular saw
1 - Edger

**Estimated Replacement Cost of Buildings,
Fixed and Mobile Equipment:** \$500,000

Forest Section: Mountain

John Leptick Sawmill Ltd.

Address: Box 44
Cranberry Portage, Manitoba
R0B 0H0

Telephone: 472-3243

Mill Management: John Leptick

Mill Capacity: Sawmill - 15 M fbm/8 hr shift
Planing mill - 10 M fbm/8 hr shift

Production 1990-91: 900 M fbm
600 cords pulpwood

Products: Dimension lumber: 2 x 4 - 36%
2 x 6 - 17%
2 x 8 - 11%
Boards: 1 x 4 - 11%
1 x 6 - 8%
1 x 8 - 6%
Timbers: - 11%
Random lengths, 20% dressed

Species Utilized: JP - 50%
WS - 50%

Wood Supply: Quota

Average Log Haul Woods to Mill: 10 kilometres

Average Employment Months of Operation: Woodlands: 5 J F - - - - - O N D
Mill/Office: 9 - F M A M J J A - - - -

Transportation: Truck

Markets: Local - 80%
Manitoba - 20%

Special Services: Cuts to customers' specifications, mine timbers

Woodlands Equipment: 1 - D7 Caterpillar dozer
2 - Loaders
2 - Logging trucks

Plant Facilities/Equipment: Portable sawmill
1 - 48" circular headsaw
1 - Prince Albert edger
1 - Trim saw
1 - Beaver 49 planer

**Estimated Replacement Cost of Buildings,
Fixed and Mobile Equipment:** \$200,000

Forest Section: Saskatchewan River

Mantagao Forest Products

Address:	Box 580 Fisher Branch, Manitoba R0C 0Z0
Telephone:	372-6434
Mill Management:	Morris Dmyterko
Plant Capacity:	Sawmill - 7 M fbm/8 hr shift Planing mill - 15 M fbm/8 hr shift
Production 1990-91:	100 M fbm 50 cords pulpwood
Products:	Dimension lumber: 2 x 4 - 10% 2 x 6 - 50% 2 x 8 - 20% 2 x 10 - 5% Boards: 1 x 4 - 5% 1 x 6 - 10% <i>Random lengths, 50% dressed</i>
Species Utilized:	WS
Wood Supply:	Quota
Average Log Haul Woods to Mill:	1 kilometre
Average Employment Months of Operation:	Woodlands/ Mill: 3 - F M - - - - - D
Transportation:	Truck
Markets:	Local - 60% Winnipeg - 40%
Special Services:	Custom sawing, cuts to customers' specifications
Memberships:	Interlake Quota Holders Association
Woodlands Equipment:	1 - John Deere skidder 1 - Allis loader
Plant Facilities/Equipment:	Portable sawmill 1 - 42" circular headsaw 1 - Edger 1 - Planer
Estimated Replacement Cost of Buildings, Fixed and Mobile Equipment:	\$30,000
Forest Section:	Interlake

Petryk Brothers Ltd.

Address: Box 249
Cranberry Portage, Manitoba
R0B 0H0

Telephone: 472-3208

Mill Management: Michael Petryk

Plant Capacity: Sawmill - 15 M fbm/8 hr shift
Planing mill - 12 M fbm/8 hr shift

Production 1990-91: 250 M fbm
5.0 M cords sawlogs
3.3 M cords pulpwood

Products: Dimension lumber: 2 x 4 - 30%
2 x 6 - 30%
2 x 8 - 10%
Boards: 1 x 4 - 6%
1 x 6 - 4%
Random lengths, 70% dressed
Timbers: 4 x 4 - 10%
4 x 6 - 10%

Species Utilized: JP - 80%
WS - 20%

Wood Supply: Quota

Average Log Haul Woods to Mill: 85 kilometres

Average Employment Months of Operation: Woodlands: 6 J F M - - - - O N D
Mill: 7 - - - - M J - - - -

Transportation: Truck

Markets: Local - 80%
Manitoba - 20%

Special Services: Cuts to customers' specifications

Plant Facilities/Equipment: Stationary sawmill
1 - 48" circular headsaw
1 - Bull edger
1 - Trimmer
1 - Planer

**Estimated Replacement Cost of Buildings,
Fixed and Mobile Equipment:** \$70,000

Forest Section: High Rock

Poyser, Herb and David

Address:	Box 433 Roblin, Manitoba R0L 1P0
Telephone:	937-2624
Mill Management:	Herb Poyser
Plant Capacity:	Sawmill - 10 M fbm/8 hr shift Planing mill - 10 M fbm/8 hr shift
Production 1990-91:	124 M fbm 50 cords fuelwood
Products:	Dimension lumber: 2 x 4 - 10% 2 x 6 - 35% 2 x 8 - 35% 2 x 10 - 8% Boards: 1 x 4 - 4% 1 x 6 - 4% <i>Random lengths, 20% dressed</i> Timbers: 4 x 4 - 4%
Species Utilized:	WS - 73% WB - 16% TA - 8% TL - 3%
Wood Supply:	Quota
Average Log Haul Woods to Mill:	40 kilometres
Average Employment Months of Operation:	Woodlands: 2 - - - - - N D Mill: 5 - F M - - - - -
Transportation:	Truck
Markets:	Local
Special Services:	Cuts to customers' specifications, cattle shed trusses
Memberships:	Mountain Quota Holders Association
Woodlands Equipment:	1 - Clarke skidder 1 - Logging truck
Plant Facilities/Equipment:	Portable sawmill 1 - 48" circular saw 1 - Resaw 1 - Edger 1 - Planer
Estimated Replacement Cost of Buildings, Fixed and Mobile Equipment:	\$30,000
Forest Section:	Mountain

Reimer, Art

Address: Box 2914
Steinbach, Manitoba
R0A 2A0

Telephone: 326-1764

Mill Management: Art Reimer

Plant Capacity: Sawmill - 8 M fbm/8 hr shift

Production 1990-91: 400 M fbm

Products: Dimension lumber: 2 x 6 - 20%
Boards: 1 x 4 - 5%
1 x 6 - 5%
Random lengths, rough
Timbers: 3 x 6 - 19%
4 x 6 - 28%
6 x 6 - 14%
Ties: 7 x 9 - 9%

Species Utilized: TA - 80%
WS - 10%
JP - 10%

Wood Supply: Quota - Custom sawing

Average Log Haul Woods to Mill: 40 kilometres

Average Employment Months of Operation: Mill: 2 - - - - - A S O N D

Transportation: Truck

Markets: Manitoba - 80%
Midwest USA - 20%

Special Services: Custom sawing only

Plant Facilities/Equipment: Portable sawmill
1 - 48" circular headsaw
1 - Bull edger

**Estimated Replacement Cost of Buildings,
Fixed and Mobile Equipment:** \$100,000

Forest Section: Pineland

Reimer, Frank

Address: Box 396
Riverton, Manitoba
R0C 2R0

Telephone: 378-5530

Mill Management: Frank Reimer

Plant Capacity: Sawmill - 15 M fbm/8 hr shift

Production 1990-91: 325 M fbm
1.4 M cords pulpwood

Products: Dimension lumber: 2 x 6 - 25%
2 x 8 - 35%
2 x 10 - 30%
Boards: 1 x 6 - 10%
Random lengths, rough

Species Utilized: BS - 73%
WS - 27%

Wood Supply: Quota - 87%
Private - 13%

Average Log Haul Woods to Mill: 60 kilometres

Average Employment Months of Operation: Woodlands: 9 J F M - - - - -
Mill: 6 - - M A M J - - - - -

Transportation: Truck

Markets: Manitoba - 80%
Midwest USA - 20%

Special Services: Cuts to customers' specifications

Memberships: Interlake Quota Holders Association

Woodlands Equipment: 1 - Timberjack skidder
1 - Tree Farmer skidder
2 - John Deere skidders
1 - Bobcat loader

Plant Facilities/Equipment: Portable sawmill
1 - 48" circular headsaw
1 - Edger

**Estimated Replacement Cost of Buildings,
Fixed and Mobile Equipment:** \$95,000

Forest Section: Interlake

Sawmill-Planing Complexes

Less than 100 M fbm

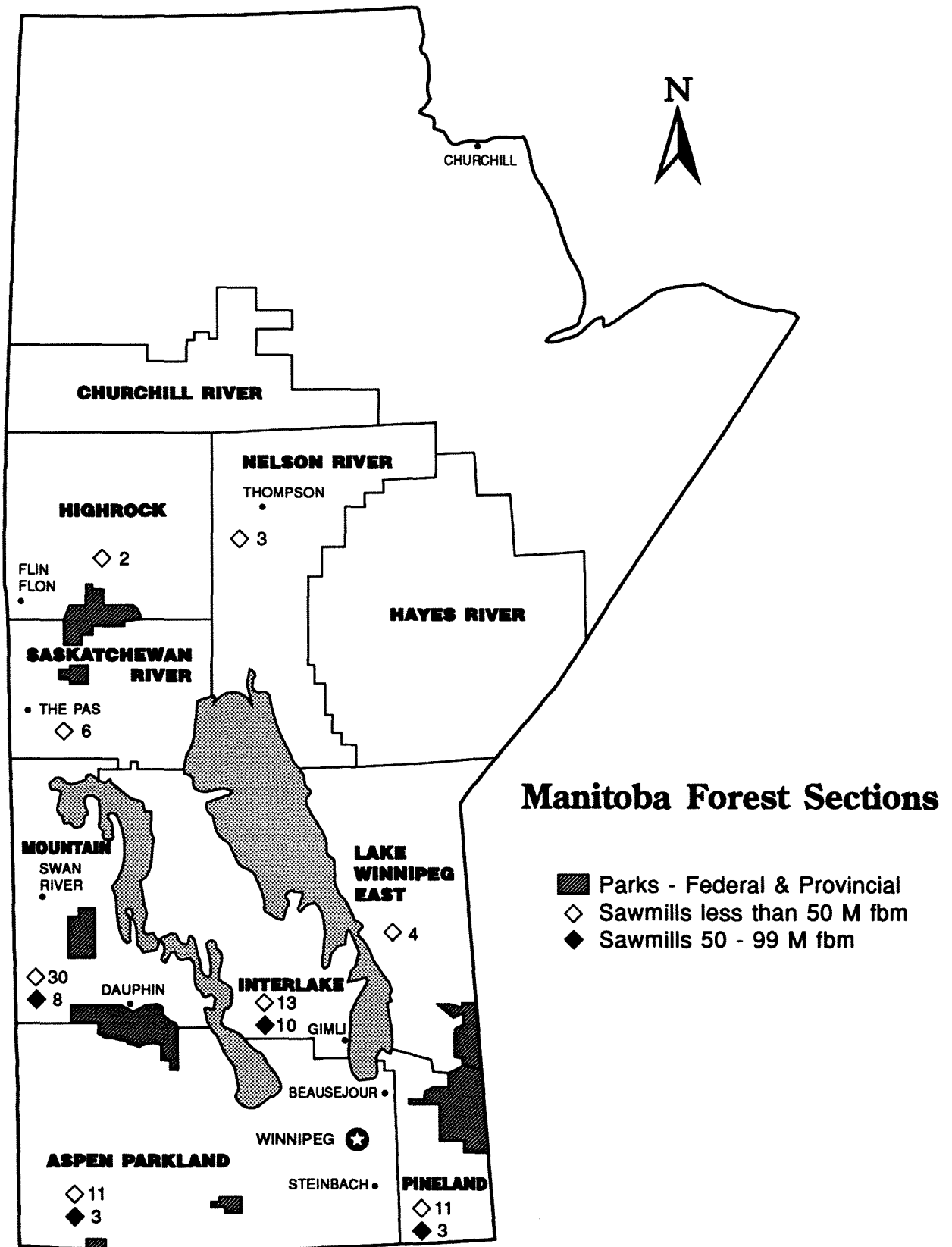


Figure 4: Number of sawmills producing less than 100 M fbm/year

Table 1

Sawmill-Planing Complexes

Less than 100 M fbm

Manitoba Forest Section	Number of Firms	Production in M fbm
Aspen Parkland	14	460
Churchill River	-	-
Hayes River	-	-
Highrock	2	65
Interlake	23	1,035
Lake Winnipeg East	4	90
Mountain	37	1,355
Nelson River	3	90
Pineland	14	510
Saskatchewan River	6	180
Total	103	3,785

Forest Section:

Aspen Parkland

Name	Address	Production	
		Less than 50 M fbm	50 M fbm to 99 M fbm
Balan, Mel	Olha, Manitoba R0J 1K0	X	
Boily, Leon	St. Anne, Manitoba R0A 1R0		X
Cathcart, Raymond	Deloraine, Manitoba R0M 0M0	X	
Crockett, Hugh	Woodlands, Manitoba R0C 3H0		X
D.N.R. Turtle Mountain Park (Adam Lake)	Boissevain, Manitoba R0K 0E0	X	
Dalgeish, E.G.	Riding Mountain, Manitoba R0G 1T0	X	
Gibbons, Ian	Erickson, Manitoba R0J 0P0	X	
Kohinski, Larry	Birnie, Manitoba R0J 0J0	X	
Labay, John	Shoal Lake, Manitoba R0J 1Z0	X	
MacDonald, Ronald	Anola, Manitoba R0E 0H0		X
Mitchell, Jim	Riding Mountain, Manitoba R0J 1T0	X	
Wieler, Wayne	Austin, Manitoba R0H 0C0	X	
Wintle, Fred	Deloraine, Manitoba R0M 0M0	X	
Wozney, Steve	Sandy Lake, Manitoba R0J 1X0	X	

Forest Section:

Highrock

Name	Address	Production	
		Less than 50 M fbm	50 M fbm to 99 M fbm
Budai, Ottavio	Cranberry Portage, Manitoba R0B 0H0	X	
McAdoo, Walter	Flin Flon, Manitoba R8A 0M4	X	

Forest Section:

Interlake

Name	Address	Production	
		Less than 50 M fbm	50 M fbm to 99 M fbm
Blahey, Steve	Arborg, Manitoba ROC 0A0	X	
Bonwick, Donald and Dennis Bauch	Moosehorn, Manitoba ROC 2E0	X	
Borsa, Jim	St. Martin, Manitoba ROC 2T0	X	
Colonial Log Mills Ltd.	Riverton, Manitoba ROC 2R0		X
Delude, Leo	Fisher Branch, Manitoba ROC 0Z0	X	
Egesz, Paul	Riverton, Manitoba ROC 2R0	X	
Friesen, Klass	Riverton, Manitoba ROC 2R0	X	
Grouch, Ralph	Hodgson, Manitoba ROC 1N0	X	
Halos, Henry	Grahamdale, Manitoba ROC 1S0		X
Hammond, David	Arnes, Manitoba ROC 0C0		X
Holm, Clifford	Arborg, Manitoba ROC 0A0		X
Holt, Charlie	Waterhen, Manitoba ROL 2C0	X	
Kovich, John	Riverton, Manitoba ROC 2R0	X	
Lapka, Daniel	Poplarfield, Manitoba ROC 2N0	X	
Letexier, Robert	Fisher Branch, Manitoba ROC 0Z0		X
Linde, Eric	Hilbre, Manitoba ROC 1L0	X	
Lindell, Rick	Mulvihill, Manitoba ROC 2G0	X	

Forest Section: **Interlake (continued)**

Name	Address	Production	
		Less than 50 M fbm	50 M fbm to 99 M fbm
McClinton, Wayne	Arborg, Manitoba R0C 0A0	X	
Marcyniuk, Jerry	Dallas, Manitoba R0C 0S0		X
Orzech, Stanley	Riverton, Manitoba R0C 2R0		X
Potter, Leslie	Hilbre, Manitoba R0C 1L0		X
Price, Victor and Graham	Ashern, Manitoba R0C 0E0		X
Ron-Robb Enterprises	Riverton, Manitoba R0C 2R0		X

Forest Section:

Lake Winnipeg East

Name	Address	Production	
		Less than 50 M fbm	50 M fbm to 99 M fbm
Chevrefils Forest Products Ltd.	Pine Falls, Manitoba R0E 1M0	X	
Everette, Lester	Berens River, Manitoba R0B 0A0	X	
Funk, Ed	Bissett, Manitoba R0E 0J0	X	
Zirk, L. and W.	Stead, Manitoba R0E 1Z0 (Operations - Bissett)	X	

Forest Section:

Mountain

Name	Address	Production	
		Less than 50 M fbm	50 M fbm to 99 M fbm
Allumber Company	Birch River, Manitoba R0L 0E0	X	
Ames, Donald	Minitonas, Manitoba R0L 1G0	X	
Brook Brothers	Dauphin, Manitoba R7N 2T3	X	
Burghart, Lester	Bowsman, Manitoba R0L 0H0	X	
Corbett, James	Lenswood, Manitoba R0L 1A0	X	
De la Mare, Ronald	Roblin, Manitoba R0L 1P0		X
Dubek, Metro M.	Grandview, Manitoba R0L 0Y0	X	
Dudar, Darlene	Ethelbert, Manitoba R0L 0T0	X	
Dudar, Harold	Ethelbert, Manitoba R0L 0T0		X
Edel, Robert	Inglis, Manitoba R0J 0X0	X	
Filuk, Terry	Swan River, Manitoba R0L 1Z0	X	
Frykas, Sam and Walter	Ethelbert, Manitoba R0L 0T0	X	
Graham, Wayne	Bowsman, Manitoba R0L 0H0	X	
Hannibal, Eric	Ochre River, Manitoba R0L 1K0	X	
Harrison, Bernice	Grandview, Manitoba R0L 0Y0	X	
Hawrychuk, Larry	Roblin, Manitoba R0L 1P0	X	
Hay, Robert	Minitonas, Manitoba R0L 1G0	X	

Forest Section: **Mountain (continued)**

Name	Address	Production	
		Less than 50 M fbm	50 M fbm to 99 M fbm
Hnatiuk, Alex	Gilbert Plains, Manitoba ROL 0X0		X
Holland Leisure Ltd.	Swan River, Manitoba ROL 1Z0		X
Holland, James	Swan River, Manitoba ROL 1Z0	X	
Kostiuk, Mike	Pine River, Manitoba ROL 1M0		X
Kuzyk, Roy	Grandview, Manitoba ROL 0Y0	X	
Lebel, Louis	Ste. Rose du Lac, Manitoba ROL 1S0	X	
M. & H. Logging	Roblin, Manitoba ROL 1P0		X
Matwee, Mike	Winnipegosis, Manitoba ROL 2G0	X	
Moriaux, Germaine	Ste. Rose du Lac, Manitoba ROL 1S0	X	
Pacholuk, John	Winnipegosis, Manitoba ROL 2G0	X	
Pachowski, Ted	Ethelbert, Manitoba ROL 0T0	X	
Puchailo, Mike	Gilbert Plains, Manitoba ROL 0X0	X	
Schewanke, Othe	Mafeking, Manitoba ROL 1B0	X	
Shewchuk, Paul	Meadow Portage, Manitoba ROL 1E0	X	
Shumka, Matt	Gilbert Plains, Manitoba ROL 0X0		X
Sklar, Mike	Rorketon, Manitoba ROL 1R0	X	
Stratuliak, Nestor	Ethelbert, Manitoba ROL 0T0	X	

Forest Section: **Mountain (continued)**

Name	Address	Production	
		Less than 50 M fbm	50 M fbm to 99 M fbm
Thompson, Jack	Birch River, Manitoba ROL 0E0		X
Trembach, Gerald	Grandview, Manitoba ROL 0Y0	X	
Walstrom, Gordon	Swan River, Manitoba ROL 1Z0	X	

Forest Section:**Nelson River**

Name	Address	Production	
		Less than 50 M fbm	50 M fbm to 99 M fbm
Compton, Ray	Thompson, Manitoba R8N 0J4	X	
McLeod, Norman	Norway House, Manitoba R0B 1B0	X	
T. & B. Contracting Ltd.	Thompson, Manitoba R8N 1K9	X	

Forest Section:

Pineland

Name	Address	Production	
		Less than 50 M fbm	50 M fbm to 99 M fbm
Andrusiak, John A.	Sundown, Manitoba R0A 2C0	X	
Betker Construction Ltd.	Lac du Bonnet, Manitoba R0E 1A0	X	
Chatel, Marcel	Woodridge, Manitoba R0A 2N0		X
Dmytrow Forest Products Ltd.	Hadashville, Manitoba R0E 0X0	X	
Gobeil, Andre	South Junction, Manitoba R0A 1Y0	X	
Goodman, Stan	Piney, Manitoba R0A 1K0	X	
Gottwald & Sons Ltd.	South Junction, Manitoba R0A 1Y0		X
Guimond, Marc	Powerview, Manitoba R0E 1P0		X
Kulikowski, August	Lac du Bonnet, Manitoba R0E 1A0	X	
Kuz Woodwork Industries Ltd.	Hadashville, Manitoba R0E 0X0	X	
Poiron Forest Products Ltd.	Woodridge, Manitoba R0E 2N0	X	
Walley's Backhoe Service	Lac du Bonnet, Manitoba R0E 1A0	X	
Weslak, Frank	Woodridge, Manitoba R0A 2N0	X	
Weslak, Stanley	Woodridge, Manitoba R0A 2N0	X	

Forest Section: **Saskatchewan River**

Name	Address	Production	
		Less than 50 M fbm	50 M fbm to 99 M fbm
Grosky, Leonard	The Pas, Manitoba R9A 1S5	X	
McKinnon, Charlie	Wanless, Manitoba R0B 1T0	X	
Shlachetka, Raymond	Cormorant, Manitoba R0B 0G0	X	
Thrones, Olaf	Wanless, Manitoba R0B 1T0	X	
Vickery, Roy	The Pas, Manitoba R9A 0K0	X	
Waugh's Wood Ltd.	The Pas, Manitoba R9A 1L3	X	

Independent Planing Mills

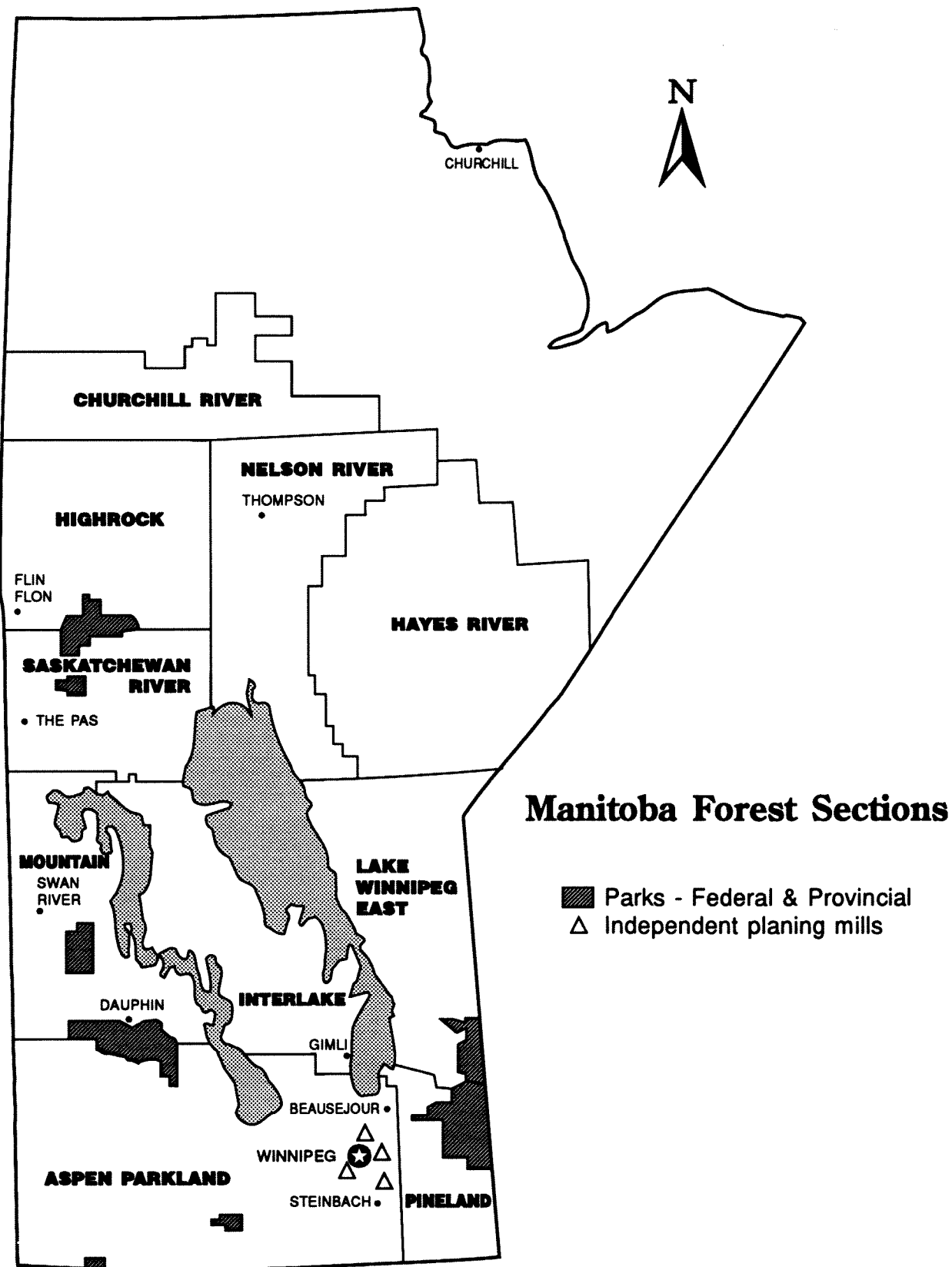


Figure 5: Location of independent planing mills

Independent Planing Mills

	Page
Brown and Rutherford	70
Paul Henzel Lumber Ltd.	72
Perimeter Lumber Co.	74
South East Forest Products Ltd. (<i>Blumenort Sawmills</i>)	76

Brown and Rutherford

Address:	#5 Sutherland Avenue Winnipeg, Manitoba R2W 3R4																												
Telephone:	942-0701																												
Fax:	956-1993																												
Mill Location:	Winnipeg, Manitoba																												
Mill Management:	Barry Schmidt, General Manager Peter Debenham, Controller																												
Mill Capacity:	Planing mill - 22 M fbm/8 hr shift																												
Production 1990-91:	5.5 MM fbm																												
Products:	<table border="0"> <tr><td>Panelling</td><td>- 42%</td></tr> <tr><td>Siding</td><td>- 42%</td></tr> <tr><td>Moulding</td><td>- 10%</td></tr> <tr><td>Custom planing</td><td>- 6%</td></tr> </table>	Panelling	- 42%	Siding	- 42%	Moulding	- 10%	Custom planing	- 6%																				
Panelling	- 42%																												
Siding	- 42%																												
Moulding	- 10%																												
Custom planing	- 6%																												
Species Utilized:	<table border="0"> <tr><td>WC</td><td>- 45%</td></tr> <tr><td>JP</td><td>- 40%</td></tr> <tr><td>RO</td><td>- 5%</td></tr> <tr><td>WO</td><td>- 5%</td></tr> <tr><td>Other conifers</td><td>- 5%</td></tr> </table>	WC	- 45%	JP	- 40%	RO	- 5%	WO	- 5%	Other conifers	- 5%																		
WC	- 45%																												
JP	- 40%																												
RO	- 5%																												
WO	- 5%																												
Other conifers	- 5%																												
Wood Supply:	Purchased lumber: Local - 75% Imported - 25%																												
Average Lumber Haul to Mill:	1000 kilometres																												
Year Mill was Constructed or Rebuilt:	1965																												
Average Employment Months of Operation:	<table border="0"> <tr> <td>Planing mill:</td> <td>10</td> <td>J</td><td>F</td><td>M</td><td>A</td><td>M</td><td>J</td><td>J</td><td>A</td><td>S</td><td>O</td><td>N</td><td>D</td> </tr> <tr> <td>Sales/Office:</td> <td>6</td> <td>J</td><td>F</td><td>M</td><td>A</td><td>M</td><td>J</td><td>J</td><td>A</td><td>S</td><td>O</td><td>N</td><td>D</td> </tr> </table>	Planing mill:	10	J	F	M	A	M	J	J	A	S	O	N	D	Sales/Office:	6	J	F	M	A	M	J	J	A	S	O	N	D
Planing mill:	10	J	F	M	A	M	J	J	A	S	O	N	D																
Sales/Office:	6	J	F	M	A	M	J	J	A	S	O	N	D																
Transportation:	<table border="0"> <tr> <td rowspan="2">Inputs:</td> <td>Truck</td> <td>- 80%</td> </tr> <tr> <td>Rail (CNR)</td> <td>- 20%</td> </tr> <tr> <td rowspan="2">Products:</td> <td>Truck</td> <td>- 95%</td> </tr> <tr> <td>Rail (CNR)</td> <td>- 5%</td> </tr> </table>	Inputs:	Truck	- 80%	Rail (CNR)	- 20%	Products:	Truck	- 95%	Rail (CNR)	- 5%																		
Inputs:	Truck		- 80%																										
	Rail (CNR)	- 20%																											
Products:	Truck	- 95%																											
	Rail (CNR)	- 5%																											
Markets:	<table border="0"> <tr><td>Ontario</td><td>- 50%</td></tr> <tr><td>Manitoba</td><td>- 45%</td></tr> <tr><td>Saskatchewan</td><td>- 5%</td></tr> </table>	Ontario	- 50%	Manitoba	- 45%	Saskatchewan	- 5%																						
Ontario	- 50%																												
Manitoba	- 45%																												
Saskatchewan	- 5%																												

Brown and Rutherford (continued)

Special Services:	Custom millwork, wholesale lumber remanufacturing and distribution
Memberships:	Western Retail Lumberman's Association
Energy Supply for Mill:	Electricity - Manitoba Hydro
Usage of Wood Residues:	Shavings, sawdust, trim ends - no use
Mill Facilities/Equipment:	Stationary planing mill 1 - Multiple rip saw 1 - Watkins cut off saw 1 - Yates band resaw 1 - Yates 91A planer 1 - Jointer 1 - Weinig moulder 2 - Watkins moulders 1 - Staining machine
Limiting Factors for Operation and Expansion:	Market fluctuations
Estimated Replacement Cost of Buildings, Fixed and Mobile Equipment:	\$800,000
Forest Section:	Aspen Parkland

Paul Henzel Lumber Ltd.

Address: 1236 Brockville Street
Winnipeg, Manitoba
R3Y 1G5

Mailing Address: Box 5
Fort Whyte, Manitoba
R0G 0R0

Telephone: 488-4460

Fax: 489-1589

Mill Location: Winnipeg, Manitoba

Mill Management: Stuart Vernon, President and General Manager
Jerry Henzel, Secretary-Treasurer

Mill Capacity: Planing mill - 40 M fbm/8 hr shift

Production 1990-91: 10.5 MM fbm

Products:

Dimension lumber:	2 x 4	-	21%
	2 x 6	-	21%
	2 x 8	-	10%
	2 x 10	-	10%
	2 x 12	-	8%
Board lumber:	1 x 4	-	12%
	1 x 6	-	12%
	1 x 8	-	6%

Random lengths, dressed and kiln dried

Products by Grade:

Stud grade	-	35%
Economy	-	30%
Construction	-	27%
Standard	-	8%

Species Utilized:

JP	-	35%
TA	-	20%
Other conifers	-	43%
Other deciduous	-	2%

Wood Supply:

Purchased lumber:	
Manitoba	- 55%
Imported	- 45%

Average Lumber Haul to Mill: 500 kilometres

Year Mill was Constructed or Rebuilt: 1973

Paul Henzel Lumber Ltd. (continued)

Average Employment Months of Operation: Planing Mill: 9 J F M A M J J A S O N D
Sales/Office: 2 J F M A M J J A S O N D

Transportation: Inputs: Truck
Products: Truck

Markets: Manitoba - 75%
Custom remanufacturing (local) - 25%

Special Services: Custom planing, resawing and remanufacturing

Memberships: Central Forest Products Association

Mill Stamp: CFPA #32

Energy Supply for Mill: Electricity - Manitoba Hydro

Usage of Wood Residues: Shavings, sawdust - agricultural use

Mill Facilities/Equipment: Stationary planing mill
1 - Alco planer
1 - Yates 91 planer
1 - Berlin resaw
1 - 24" thickness planer
1 - Precision end trim saw
1 - Automatic strapping unit
1 - Cut off saw
2 - Clark forklifts
1 - Ford front end loader
2 - GMC 2-ton stake trucks

**Limiting Factors for
Operation and Expansion:** Wood supply, market fluctuations

**Estimated Replacement Cost of Buildings,
Fixed and Mobile Equipment:** \$650,000

Forest Section: Aspen Parkland

Perimeter Lumber Co.

Address: c/o Finmac Lumber Ltd.
Box 105
Winnipeg, Manitoba
R3C 2G1

Telephone: 786-7694
261-4646 (mill)

Fax: 775-1384

Mill Location: Oak Bluff, Manitoba

Mill Management: Bill McGregor, General Manager

Mill Capacity: Planing mill - 15 M fbm/8 hr shift

Production 1990-91: 6 MM fbm

Products:

Furniture stock:	1 x 4	- 20%
	1 x 5	- 20%
	1 x 6	- 15%
	1 x 7	- 15%
	1 x 8	- 10%
	1.5 x 4	- 5%
	1.5 x 5	- 5%
	1.5 x 6	- 5%
	1.5 x 7	- 3%
	1.5 x 8	- 2%

Random lengths, 50 % dressed, 95% kiln dried

Products by Grade:

National Hardwood Lumber Grade:	#1 and better	- 40%
	Lower Grades	- 60%

Species Utilized:

RO	- 40%
WP	- 30%
WB	- 10%
WC	- 10%
Other deciduous	- 10%

Wood Supply:

Purchased lumber:

Imported	- 90%
Manitoba	- 10%

Average Lumber Haul to Mill: 400 kilometres

Year Mill was Constructed or Rebuilt: 1980

Perimeter Lumber Co. (continued)

Average Employment Months of Operation:	Planing Mill: 10	J	F	M	A	M	J	J	A	S	O	N	D
	Kilns: 6	J	F	M	A	M	J	J	A	S	O	N	D
	Sales/Office: 5	J	F	M	A	M	J	J	A	S	O	N	D

Transportation:	Inputs:	Truck	- 75%
		Rail (CNR)	- 25%
	Products:	Truck	

Markets:	Ontario	- 30%
	Manitoba	- 25%
	Alberta	- 20%
	Saskatchewan	- 10%
	Midwestern USA	- 10%
	Europe	- 5%

Special Services:	Resawing and planing to customers' specifications, custom kiln drying
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Memberships:	Canadian Lumberman's Association National Hardwood Association
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Energy Supply for Mill:	Electricity - Manitoba Hydro Kilns - electric
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Usage of Wood Residues:	Shavings and trim - particleboard Edging and trim - fuelwood
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Mill Facilities/Equipment:	Stationary planing mill 1 - Robinson band resaw 1 - Abrasive planer 1 - Planer 1 - Trim saw assembly 1 - Dehumidifier kiln - 250 M fbm/charge
----------------------------	--

Limiting Factors for Operation and Expansion:	Market fluctuations
--	---------------------

Estimated Replacement Cost of Buildings, Fixed and Mobile Equipment:	\$1,000,000
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Forest Section:	Aspen Parkland
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South East Forest Products Ltd.
(Blumenort Sawmills)

Address: Blumenort, Manitoba
R0A 0C6

Telephone: 452-6118 Winnipeg (direct line)
326-1341 Blumenort

Mill Location: Blumenort, Manitoba

Mill Management: Abe Penner, General Manager
Randy Penner, Mill Manager

Mill Capacity: Planing mill - 50 M fbm/8 hr shift

Production 1990-91: 8.0 MM fbm

Products:

Dimension lumber:	2 x 4	- 12%
	2 x 6	- 19%
	2 x 8	- 6%
	2 x 10	- 13%
Boards:	1 x 3	- 11%
	1 x 4	- 4%
	1 x 5	- 3%
	1 x 6	- 4%
	1 x 8	- 3%
Timbers:	4 x 4	- 9%
	5 x 6	- 6%
	6 x 6	- 10%

Random lengths, 90% dressed, 65% kiln dried

Products by Grade:

Softwood:	#2 and better	- 90%
	#3	- 6%
	Economy	- 4%

Hardwood: Mill run

Species Utilized:

JP	- 41%
WS	- 41%
TA	- 18%

Wood Supply:

Quota	- 25%
Purchased	- 75%

Lumber supplied by South East Forest Products' sawmills and other Manitoba sawmills

Average Lumber Haul to Mill: 200 kilometres

Year Mill was Constructed or Rebuilt: 1977

South East Forest Products Ltd. (Blumenort Sawmills) (continued)

Average Employment Months of Operation:	Planing Mill:	8	J	F	M	A	M	J	J	A	S	O	N	D
	Kilns:	3	J	F	M	A	M	J	J	A	S	O	N	D
	Sales/Office:	3	J	F	M	A	M	J	J	A	S	O	N	D

Transportation:

Inputs:	Truck
Products:	Truck

Markets:

Southern Ontario	- 40%
Local	- 30%
Midwestern USA	- 20%
Manitoba	- 10%

Special Services: Lumber dressed to customers' specifications, precision end trimmed, unit strapped, graded, end coated, poly under first tier, wholesale and retail lumber yard.

Memberships: Central Forest Products Association

Mill Stamp: CFP#38

Energy Supply for Mill:

Electricity	-	Manitoba Hydro
Natural Gas	-	Inter City Gas

Usage of Wood Residues:	Shavings	- 90% agricultural use
		- 10% industrial use
	Edgings, trim	- fuelwood

Mill Facilities/Equipment:	Stationary planing mill
	1 - Hallmark band resaw
	1 - Yates A20 planer
	1 - Trim saw assembly
	1 - Dry kiln, 40 M fbm/charge
	2 - 580 Case loaders

Limiting Factors for Operation and Expansion: Distance from wood supply

**Estimated Replacement Cost of Buildings,
Fixed and Mobile Equipment: \$650,000**

Forest Section: Aspen Parkland

Wood Treating Plants

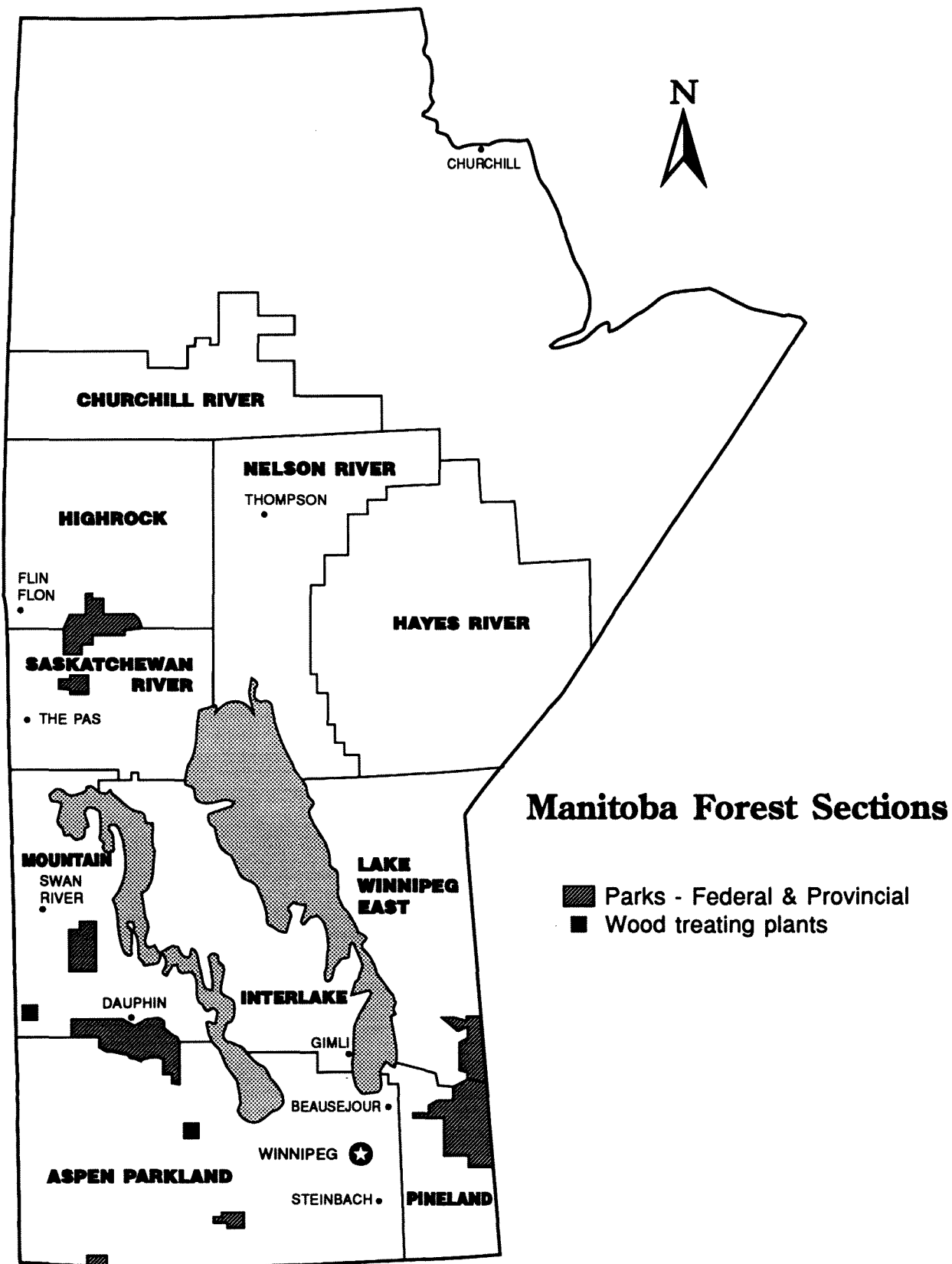


Figure 6: Location of wood treating plants

Wood Treating Plants

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Prendiville Wood Preservers <i>(Division of Prendiville Industries Ltd.)</i>	82
Roblin Forest Products Ltd.	84

Prendiville Wood Preservers[†]
(Division of Prendiville Industries Ltd.)

Address: 165 Ryan Street or Box 279
Winnipeg, Manitoba Neepawa, Manitoba
R2R 0N9 R0J 1H0

Telephone: 633-7238 - Winnipeg
476-3338 - Neepawa

Fax: 694-7232 - Winnipeg
476-2212 - Neepawa

Plant Location: Neepawa, Manitoba

Woodlands Management: Jack Thompson, Woodlands Manager

Plant Management: Lawrence Prendiville, Managing Director
Richard Knechtel, Production Manager
Merv Bohn, Sales Manager

Plant Capacity: Wood treating plant - 50 M fbm/8 hr shift

Production 1990-91: 16 MM fbm treated lumber
800 M ft³ treated stock

Products: Treated lumber: 2 x 4 - 25%
2 x 6 - 35%
2 x 8 - 10%

Random lengths, 95% dressed

Timbers - 25%

Wood foundation material - 5%

Treated stock:

Fence posts	-	80%	-	700 M pieces
Utility poles	-	10%	-	3 M pieces
Barn poles	-	5%	-	7 M pieces
Custom treated material	-	5%		

Preservatives Used: Chromated copper arsenate (CCA) and water mix

Species Utilized: JP - 50%
SPF - 50%

Wood Supply: Purchased lumber - Manitoba

Treated stock:	Quota	-	55%
	Purchased	- Imported	- 40%
		- Manitoba	- 5%

[†] For details of post peeling operations, see Prendiville Wood Preservers, page 117.

Prendville Wood Preservers (Division of Prendville Industries Ltd.) (continued)

Average Log Haul Woods to Mill:	370 kilometres
Year Mill was Constructed or Rebuilt:	1980
Average Employment Months of Operation:	Woodlands: Contract - 9 J F M A M J J A S O N D Treating Plant: 12 J F M A M J J A S O N D Sales/Office: 12 J F M A M J J A S O N D
Transportation:	Inputs: Truck Products: Truck
Markets:	Manitoba - 75% Midwestern USA - 10% Ontario - 10% Saskatchewan - 5%
Special Services:	Custom pressure treating, kiln drying and staining, notching, drilling, incising, unit strapped, supplies CCA treated products
Memberships:	American Wood Preservers' Association Canadian Institute of Treated Wood Canadian Wood Council
Energy Supply for Plant:	Electricity - Manitoba Hydro Natural gas - Central Gas
Usage of Wood Residues:	Sawdust - agricultural use Bark - agricultural use
Plant Facilities/Equipment:	1 - 100' x 7' pressure treating tank 1 - Dry kiln, 100 M fbm/charge 2 - Loaders 2 - Forklifts
Estimated Replacement Cost of Buildings, Fixed and Mobile Equipment:	\$2,500,000
Forest Section:	Aspen Parkland

Roblin Forest Products Ltd.[†]

Address:	Box 819 Roblin, Manitoba R0L 1P0
Telephone:	937-2103
Fax:	937-8029
Plant Location:	Roblin, Manitoba
Mill Management:	Ernie Tirschmann
Plant Capacity:	Wood treating plant - 27 M fbm/8 hr shift Post peeling operation - 4,000 posts/8 hr shift
Production 1990-91:	3.28 MM fbm treated lumber 166.7 M ft ³ treated posts and poles
Products:	<p>Treated lumber: 2 x 4 - 44% 2 x 6 - 35% 2 x 8 - 17% 2 x 10 - 4%</p> <p>Treated stock: Fence posts - 85% - 142 M pieces Poles - 15% - 1.3 M pieces</p>
Preservatives Used:	Chromated copper arsenate (CCA) and water mix
Species Utilized:	JP
Wood Supply:	Quota - 57% Purchased lumber - 41% Custom - 2%
Year Mill was Constructed or Rebuilt:	1991
Average Employment Months of Operation:	<p>Treating plant: 2 - - - A M J J A S - - - Peeling plant: 6 J F M A M J J A S - - -</p>
Transportation:	Inputs: Truck Products: Truck
Markets:	Manitoba - 60% Local - 20% Ontario - 10% Saskatchewan - 10%

[†] For details of sawmill operation, see Roblin Forest Products Ltd., page 32.

Roblin Forest Products Ltd. (continued)

Special Services:	Custom pressure treating, stickered, unit strapped
Memberships:	Canadian Wood Preservers Association Mountain Quota Holders Association
Plant Facilities/Equipment:	Treating plant 1 - 72" x 50' retort 1 - 70' x 130' drip pad 1 - 80' x 80' drip pad 3 - 12,500 gallon storage tanks 1 - 8,500 gallon storage tank 1 - 4,400 gallon storage tank Post peeling plant 1 - Tree length slasher 1 - Morbark post peeler 1 - Augustine pole peeler 1 - Bouma pointer
Estimated Replacement Cost of Buildings, Fixed and Mobile Equipment:	\$1,500,000
Forest Section:	Mountain

Pulp, Paper and Fibreboard Mills

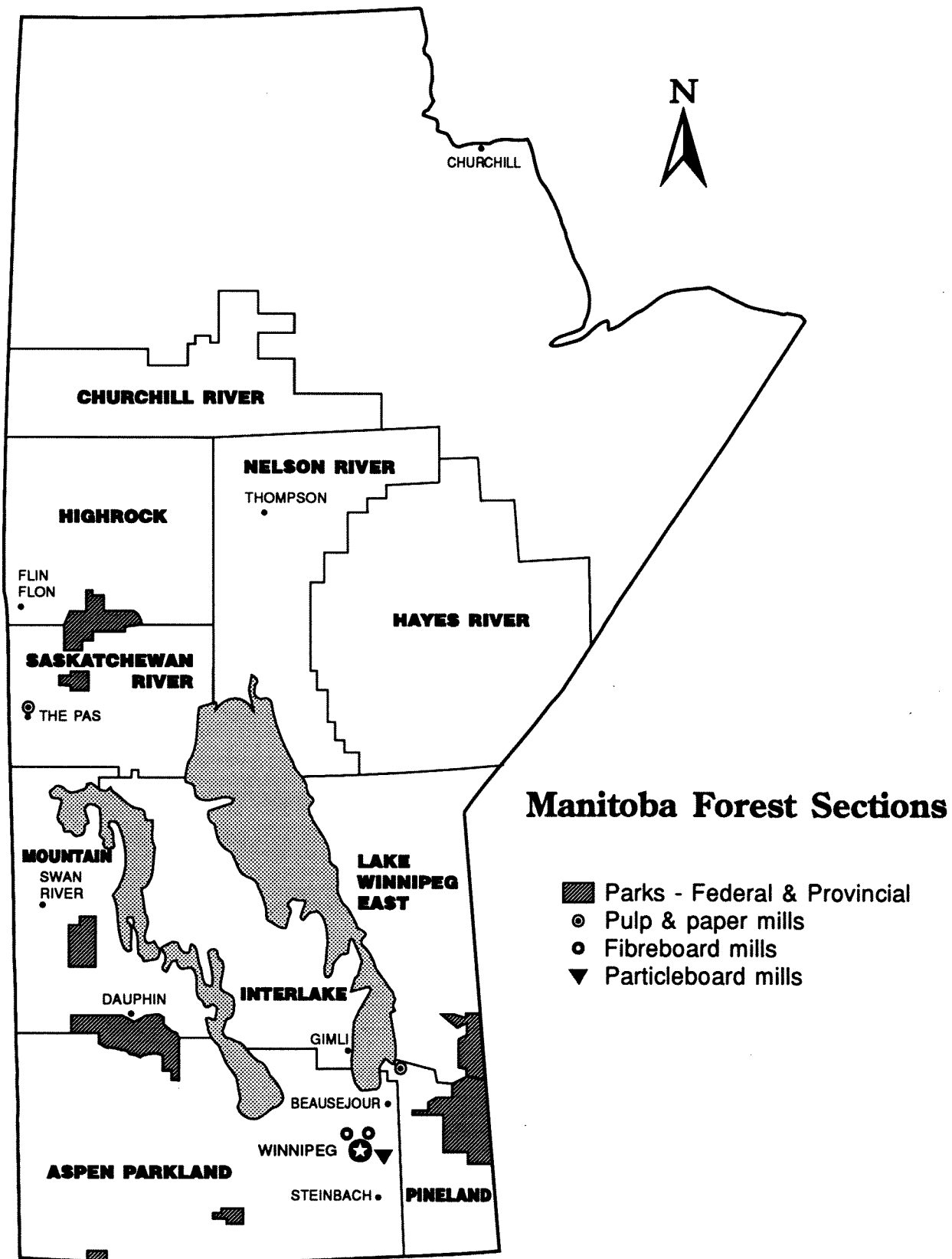


Figure 7: Location of pulp, paper, fibreboard & particleboard plants

Pulp, Paper and Fibreboard Mills

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Abitibi-Price Inc.	90
Gateway Industries Ltd.	92
Palliser Furniture Ltd. (<i>Particleboard Plant</i>)	94
Repap Manitoba	96
Welclad International Inc.	99

Abitibi-Price Inc.

Address:	Box 10 Pine Falls, Manitoba R0E 1M0
Telephone:	367-2421
Fax:	367-2442
Mill Location:	Pine Falls, Manitoba
Woodlands Management:	Glen Pinnell, General Superintendent Woodlands
Mill Management:	Fern Pitre, Mill Manager
Mill Capacity:	485 tonnes/day
Production 1990-91:	122.6 M tonnes
Products:	Newsprint
Species Utilized:	BS - 60% WS - 20% JP - 15% BF - 5%
Wood Supply:	Purchased - 75% Negotiated Agreement - 25%
Average Log Haul Woods to Mill:	250 kilometres
Year Mill was Constructed or Rebuilt:	1928
Average Employment Months of Operation:	Woodlands: Contract - 400 J F M - - - - S O N D Own - 80 J F M A - - - - S O N D Pulp/ paper mill: 425 J F M A M J J A S O N D Sales/Office: 30 J F M A M J J A S O N D
Transportation:	Inputs: Truck - 66% Rail (CNR) - 19% Water (Barge) - 15% Products: Rail (CNR) - 63% Truck - 37%
Markets:	Midwestern USA - 70% Manitoba - 20% Saskatchewan - 5% Alberta - 5%

Abitibi-Price Inc. (continued)

Special Services:	Packaged
Memberships:	Canadian Pulp and Paper Association Canadian Manufacturers Association Central Forest Products Association Pulp and Paper Research Institute of Canada Forest Engineering Research Institute of Canada Manitoba Forestry Association
Energy Supply for Mill:	Electricity - Manitoba Hydro Steam heat - self-generated
Usage of Wood Residues:	Bark - hog fuel for energy conversion
Woodlands Equipment:	18 - Clark skidders 3 - Caterpillar crawlers 2 - One-man slashers 2 - Single stroke delimbers 1 - Koehring feller buncher
Mill Facilities/Equipment:	Pulp and paper mill 1 - 3-chain jack ladder 3 - Debarking drums 1 - Summer chipper 14 - Continuous grinders 2 - Dominion Bridge digesters 2 - Beloit fourdriniers 2 - Calenders 2 - Beloit winders 7 - Bauer refiners 3 - Sprout Waldron refiners 9 - Groundwood screens 3 - Sulphite screens 3 - Mixed stock screens 15 - Vacuum filters 4 - Boilers 1 - Clarifier
Limiting Factors for Operation and Expansion:	Investment capital, market fluctuations
Estimated Replacement Cost of Buildings, Fixed and Mobile Equipment:	\$300,000,000
Forest Section:	Pineland

Gateway Industries Ltd.

Address:	#2 - Point Douglas Avenue Winnipeg, Manitoba R3B 0C7																										
Telephone:	957-5544																										
Fax:	957-1620																										
Mill Location:	Winnipeg, Manitoba																										
Mill Management:	Sheldon Blank, President Merv Chochinov, General Manager																										
Mill Capacity:	Paper mill - 90 tonnes/day Roofing mill - 6.0 M bundles/8 hr shift																										
Production 1990-91:	9.1 M tonnes																										
Products:	Roofing felt																										
Species Utilized:	BS - 75% TA - 20% JP - 5%																										
Wood Supply:	Purchased - 90% Waste paper - 10%																										
Average Log Haul Woods to Mill:	80 kilometres																										
Year Mill was Constructed or Rebuilt:	Paper mill - 1939 Roofing mill - 1942																										
Average Employment Months of Operation:	<table border="0"> <tr> <td>Roofing mill: 35</td> <td>J</td><td>F</td><td>M</td><td>A</td><td>M</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>N</td><td>D</td> </tr> <tr> <td>Sales/Office: 2</td> <td>J</td><td>F</td><td>M</td><td>A</td><td>M</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>N</td><td>D</td> </tr> </table>	Roofing mill: 35	J	F	M	A	M	-	-	-	-	-	N	D	Sales/Office: 2	J	F	M	A	M	-	-	-	-	-	N	D
Roofing mill: 35	J	F	M	A	M	-	-	-	-	-	N	D															
Sales/Office: 2	J	F	M	A	M	-	-	-	-	-	N	D															
Transportation:	Inputs: Truck Products: Truck - 50% Rail (CNR) - 50%																										
Markets:	Midwestern USA - 85% Manitoba - 5% Saskatchewan - 5% Alberta - 5%																										
Special Services:	Packaged																										
Energy Supply for Mill:	Electricity - Manitoba Hydro Natural gas - Greater Winnipeg Gas																										

Gateway Industries Ltd.

Usage of Wood Residues:	Complete fibre utilization, no wood residues
Mill Facilities/Equipment:	Paper mill 1 - Chipper 3 - Pulpers 2 - Defibrators 3 - Jordan refiners 3 - Claflen refiners 3 - Press units 1 - Calender stack 15 - Forklifts
Limiting Factors for Operation and Expansion:	Market demand, plant capacity
Estimated Replacement Cost of Buildings, Fixed and Mobile Equipment:	\$15,000,000
Forest Section:	Aspen Parkland

**Palliser Furniture Ltd.
(Particleboard Plant)**

Address: 55 Vulcan Avenue
Winnipeg, Manitoba
R2G 1B9

Telephone: 988-3969

Fax: 222-1899

Mill Location: 770 Pandora Avenue East
Winnipeg, Manitoba
R2C 3N1

Mill Management: Arvid Loewen, Plant Manager

Mill Capacity: 167.4 m³ of 18 mm board/day

Production 1990-91: 31.7 M m³ of 18 mm board

Products: Furniture grade particleboard (150 cm x 350 cm x 18 mm)

Species Utilized: Pulpwood (TA) - 55%
Shavings (JP, WS, RO) - 20%
Solid wood offcuts (WS, RO) - 15%

Wood Supply: Timber allocation - 60%
Purchased - 40%

Average Log Haul Woods to Mill: 115 kilometres

Year Mill was Constructed or Rebuilt: 1989 - 1990

Average Employment Months of Operation: Fibreboard
mill: 39 J F M A M J J A S O N D

Transportation: Inputs: Truck

Markets: Internal use for furniture manufacturing

Energy Supply for Mill: Electricity - Manitoba Hydro
Natural gas - Greater Winnipeg Gas

Usage of Wood Residues: Sanderdust - fuel for thermal oil boiler

Palliser Furniture Ltd. (*Particleboard Plant*) (continued)

Mill Facilities/Equipment:

Particleboard plant:

- 1 - Pessa flaker
- 1 - Bison former
- 1 - Single 35' Dieffenbacher press
- 1 - Imal blending glue line
- 1 - Bison Baehre sander

**Limiting Factors for
Operation and Expansion:**

In-house demand, plant capacity

**Estimated Replacement Cost of Buildings,
Fixed and Mobile Equipment:**

\$15,000,000

Forest Section:

Aspen Parkland

Repap Manitoba

Address: Box 1590
The Pas, Manitoba
R9A 1L4

Telephone: 623-7411

Fax: 623-3072

Mill Location: The Pas, Manitoba

Woodlands Management: Pete Mercer, Woodlands Manager

Mill Management: Paul Richards, Vice-President & General Manager
Derek Betts, Vice-President & Controller
Frank Ellis, Human Resources Manager
Greg Wazny, Production Manager, Pulp & Paper Division
Marvin McKay, Technical Services Superintendent

Mill Capacity: 400 tonnes/day

Production 1990-91: 123.9 M tonnes

Products: Unbleached kraft paper

Species Utilized: JP - 60%
WS - 20%
BS - 20%

Wood Supply: Negotiated agreement - 79%
Purchased chips - 11%
Purchased roundwood - 10%

Average Log Haul Woods to Mill: 115 kilometres

Year Mill was Constructed or Rebuilt: 1984 - modernization

Average Employment Months of Operation: Woodlands:
Contract - 88 - F M A M J J - - - N D
Own - 59 - F M A M J J - - - N D
Pulp/
paper mill: 280 J F M A M J J A S O N D
Sales/Office: 70 J F M A M J J A S O N D

Transportation: Inputs: Truck - 90%
Rail (CNR) - 10%
Products: Rail (CNR)

Repap Manitoba (continued)

Markets:

Eastern Canada	- 39%
Midwestern USA	- 32%
Other USA	- 7%
Western USA	- 5%
Manitoba	- 5%
Europe	- 5%
Other western provinces	- 4%
Pacific rim	- 2%
Other	- 1%

Special Services:

Unit strapped and packaged

Memberships:

Canadian Pulp and Paper Association
Central Forest Products Association
Pulp and Paper Research Institute of Canada

Energy Supply for Mill:

Electricity: Manitoba Hydro - 55%
self-generated - 45%

Steam heat: self-generated

Usage of Wood Residues:

Bark - hog fuel for energy conversion

Woodlands Equipment:

- 8 - Tanguay 1-man slashers
- 1 - Champion grader
- 2 - Clark Ranger skidders
- 1 - D-7 cat
- 1 - Michigan loader
- 1 - 980 Caterpillar
- 1 - Cruz-Aire Drott 40
- 1 - Drott 40 loader
- 1 - Pettibone Cary-Lift 204A

Mill Facilities/Equipment:

- Pulp and paper mill
- 1 - Log infeed system
 - 2 - Debarking drums
 - 1 - Carthage Norman 104" chipper
 - 5 - Batch digestors
 - 1 - Hopper Cowan knotter
 - 1 - Ingersoll-Rand Hi-Q knotter
 - 4 - Brown stock washers
 - 5 - Beloit Nones DD-3000 low consistency refiners
 - 4 - Thune presses
 - 1 - Ingersoll-Rand high consistency refiner
 - 3 - Kamyr high consistency refiners
 - 1 - Clark Biccaro deculator system
 - 1 - Centre screen system - 3 stage
 - 4 - Hymac pressure screens
 - 1 - Broke filtering system
 - 1 - Fourdrinier forming machine, 7.2 m
 - 1 - Sulzer Escher Wyss draw press section
 - 1 - Flakt dryer system

Repap Manitoba (continued)

Mill Facilities/Equipment: (continued)

Pulp and paper mill (continued)

- 4 - Dominion dryer drum sections
- 1 - Lambs-Gray Harbor roll finishing system
- 1 - Recovery boiler
- 2 - Foster-Wheeler combination oil- and wood-fired boilers
- 2 - English Electric turbo generators
- 1 - Water treatment plant
- 1 - Effluent treatment plant

Limiting Factors for Operation and Expansion:

Market fluctuations, logging inaccessibility, long hauling distance

Estimated Replacement Cost of Buildings, Fixed and Mobile Equipment:

\$300,000,000

Forest Section:

Saskatchewan River

Welclad International Inc.

Address: 515 Munroe Avenue
Winnipeg, Manitoba
R2K 1H7

Telephone: 667-5060

Fax: 667-5062

Mill Location: Winnipeg, Manitoba

Woodlands Management: Roger Greenhalgh

Mill Management: Roger Greenhalgh, General Manager
Chris Kraft, Plant Manager

Mill Capacity: 43.7 m³ of board/8 hr shift

Production 1990-91: 26.8 M m³ of 13 mm board

Products: Roof insulation - 75%
Exterior sheathing - 25%

Species Utilized: TA - 85%
Waste paper - 15%

Wood Supply: Purchased - 80%
Waste paper - 15%
Quota - 5%

Average Log Haul Woods to Mill: 100 kilometres

Year Mill was Constructed or Rebuilt: 1952

Average Employment Months of Operation: Woodlands:
Contract - 2 J F M - M J J A S O N D
Fibreboard
mill: 20 J F M A M J J A S O N D
Sales/Office: 5 J F M A M J J A S O N D

Transportation: Inputs: Truck
Products: Truck

Markets: Midwestern USA - 50%
Saskatchewan - 15%
Manitoba - 13%
Alberta - 12%
British Columbia - 10%

Special Services: Packaged and banded, asphalt roof insulation

Welclad International Inc. (continued)

Trademark:	Buffalo Board [®] , Fireclad
Energy Supply for Mill:	Electricity - Manitoba Hydro Natural gas - Greater Winnipeg Gas
Usage of Wood Residues:	Complete fibre utilization, no wood residues
Woodlands Equipment:	1 - C4 Tree Farmer skidder 1 - C5 Tree Farmer skidder 8 - Flatbed trailers 1 - Truck-mounted Barko cherry picker 1 - Truck-mounted Husky cherry picker 1 - Mack highway tractor 1 - Case loader with wood grapple
Mill Facilities/Equipment:	Fibreboard mill 1 - Chipper 4 - Bauer refiners 1 - Hydro pulper 1 - Fourdrinier forming machine 1 - Dryer unit 1 - Trim saw section 1 - Laminating machine 4 - Forklifts
Limiting Factors for Operation and Expansion:	Limited supply of fibre
Estimated Replacement Cost of Buildings, Fixed and Mobile Equipment:	\$7,000,000
Forest Section:	Aspen Parkland

Miscellaneous Wood-Using Industries

- **Commercial Fuelwood Producers**
- **Other Miscellaneous**

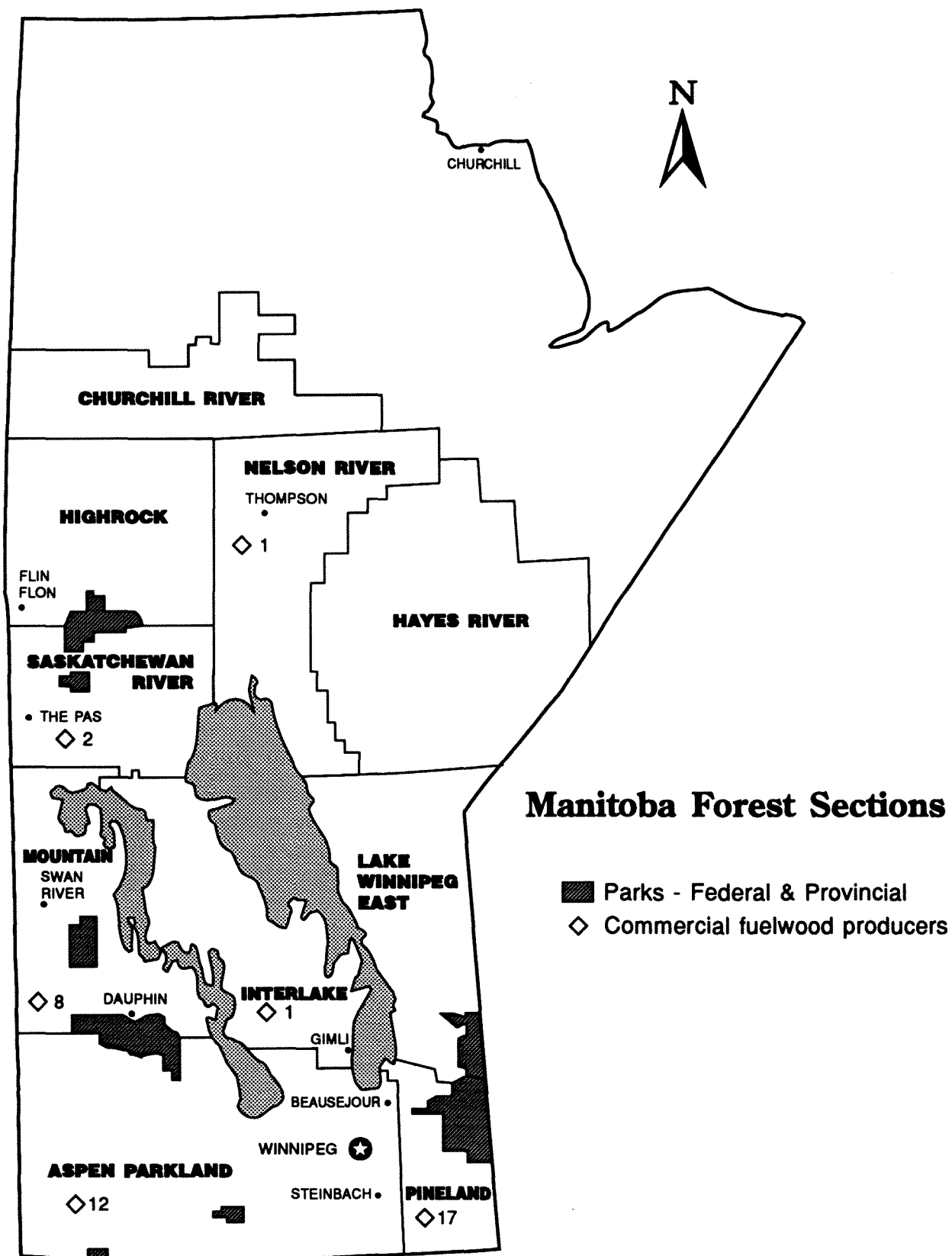


Figure 8: Number of commercial fuelwood producers greater than 250 m3 (100 cords) per year

Commercial Fuelwood Producers

Table 2

Commercial Fuelwood Producers

(Firms with production greater than 250 m³ or 100 cords)

Manitoba Forest Section	Number of Firms	Production (cords)
Aspen Parkland	12	6,720
Churchill River	-	-
Hayes River	-	-
Highrock	-	-
Interlake	1	100
Lake Winnipeg East	-	-
Mountain	8	2,940
Nelson River	1	400
Pineland	17	6,840
Saskatchewan River	2	300
Total	<u>41</u>	<u>17,300</u>

Forest Section:

Aspen Parkland

Name	Address	Telephone
Albert, Paul	R.R. #1 Anola, Manitoba R0E 0A0	N/A
Boutang Enterprises Ltd.	213 Sterling Avenue Winnipeg, Manitoba R2M 2R8	257-2971
Byskal, Larry	Erickson, Manitoba R0J 0P0	636-2205
Carriere, A. & Sons	R.R. #2 St. Anne, Manitoba R0A 1R0	422-8497
D & J Forest Products Ltd.	29 Greenwich Bay Winnipeg, Manitoba R2J 1T5	254-1554
Eide, Chris	8 Palm Tree Bay Oakbank, Manitoba R0E 1J1	444-3333
Fiebelkom, Bill	Beausejour, Manitoba R0E 0C0	268-2870
Kokomo Fuelwood Company	Box 159 Steinbach, Manitoba R0A 2A0	326-2812
Kula, Joe	R.R. #1 Anola, Manitoba R0E 0A0	755-2269
Labno, Doug	883 Park Avenue Beausejour, Manitoba R0E 0C0	268-1772
South East Forest Products Ltd.	Blumenort, Manitoba R0A 0C6	326-1341
Symbol, Mark	Anola, Manitoba R0E 0A0	866-2683

Forest Section:

Interlake

Name	Address	Telephone
Johnson, Bill	Pine Falls, Manitoba R0E 1M0	367-8464

Forest Section:**Mountain**

Name	Address	Telephone
De la Mare, Ronald	Roblin, Manitoba R0L 1P0	935-2416
Dudar, Harold	Ethelbert, Manitoba R0L 0T0	742-3468
Gurica, Ernie	Grandview, Manitoba R0L 0Y0	546-2849
Intermountain Loggers	Durban, Manitoba R0L 0P0	539-2293
Riehl Lumber and Logging Ltd.	Box 92 Durban, Manitoba R0L 0P0	539-2406
Roberts, Glen	Swan River, Manitoba R0L 1Z0	734-4603
Starchuk, Victor	San Clara, Manitoba R0L 1T0	935-2308
Tripp, Alan	Bowsman, Manitoba R0L 0H0	238-4440

Forest Section:

Nelson River

Name	Address	Telephone
Sheppard, Arch	Thompson, Manitoba R8N 0J4	677-4104

Forest Section:

Pineland

Name	Address	Telephone
Betker Construction Ltd.	Lac du Bonnet, Manitoba R0E 1A0	345-8829
Cote, Dennis	Vassar, Manitoba R0E 2J0	437-2101
Dmytrow Forest Products Ltd.	Hadashville, Manitoba R0E 0X0	426-5366
E. Holmgren & Sons Ltd.	Sprague, Manitoba R0A 1Z0	437-2023 437-2265
Feilberg, Carl	East Braintree, Manitoba R0E 0L0	426-5391
Feilberg, Eric	East Braintree, Manitoba R0E 0L0	426-5353
Frosty, Ken	Stead, Manitoba R0E 1Z0	635-2205
Godard Forest Products Ltd.	Box 29 Richer, Manitoba R0E 1S0	422-5662
Guimond, Marc	Powerview, Manitoba R0E 1P0	367-2551
J. Horvorka & Sons Ltd.	Box 60 Sprague, Manitoba R0A 1Z0	437-2080
Kurian Construction Ltd,	Box 41 Elma, Manitoba R0E 2G0	348-2526
Norman Nakka & Sons Forest Products	McMunn, Manitoba R0E 1X0	426-5338
Obirek, Eugene	Lac du Bonnet, Manitoba R0E 1A0	345-2969
Poiron Forest Products Ltd.	Woodridge, Manitoba R0E 2N0	429-2247
Prociw, Morris	Sandilands, Manitoba R0A 1W0	429-2167
Voss, Albert	Seddon's Corner, Manitoba R0E 1X0	268-3084
Wirgau Brothers Forest Products Ltd.	Box 18 Woodridge, Manitoba R0A 2N0	429-2285

Forest Section: Saskatchewan River

Name	Address	Telephone
Demchynski, Jim	The Pas, Manitoba R9A 1L3	623-6471
Pawlychyn, Alex	Wanless, Manitoba R0B 1T0	682-7461

Other Miscellaneous

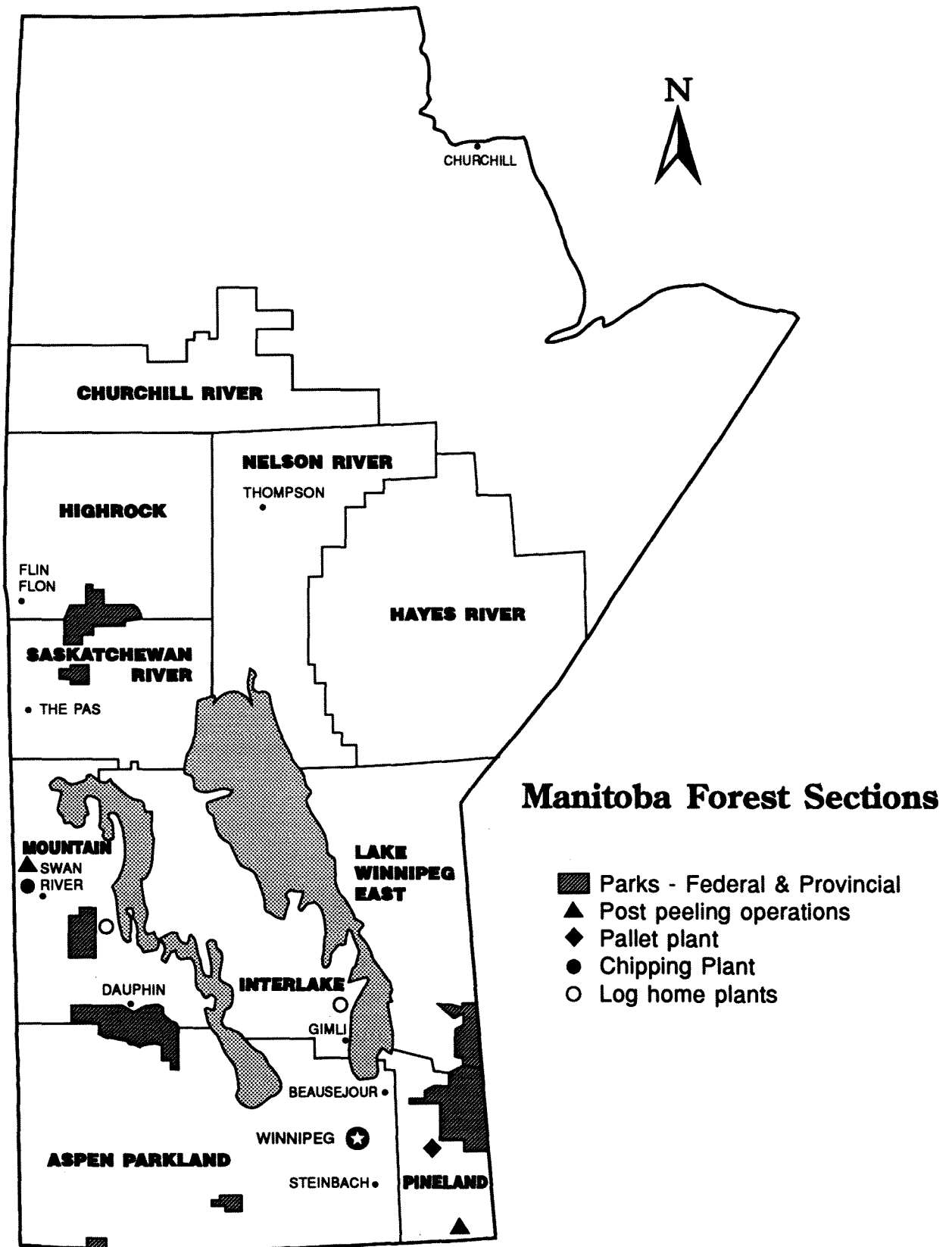


Figure 9: Location of other miscellaneous industries

Colonial Log Mills Ltd.[†]

Address:	Box 326 Riverton, Manitoba R0C 2R0
Telephone:	378-2970
Plant Type:	Building Timber Plant
Plant Location:	Riverton, Manitoba
Plant Management:	Roy Johnson
Production 1990-91:	500 cords sawlogs
Products:	Prefabricated log homes (16)
Species Utilized:	WS - 75% JP - 25%
Wood Supply:	Purchased
Average Log Haul Woods to Mill:	170 kilometres
Employment:	5.0 person-years
Markets:	Ontario - 62% Manitoba - 38%
Special Services:	Designs, builds and erects log homes to customers' specifications
Mill Facilities:	1 - Log lathe 1 - Cut-off saw and saddler 1 - Portable sawmill, 50" circular head saw
Forest Section:	Interlake

[†] See also Sawmill section, page 58.

Emes Brothers Ltd.

Address: Box 30
Sprague, Manitoba
R0A 1Z0

Telephone: 437-2374

Plant Type: Post Peeling Plant

Plant Location: Sprague, Manitoba

Plant Management: Joe Emes

Production 1990-91: 10.2 M ft³

Products: Untreated fence posts - 60%
Unpeeled farm posts - 40%

Species Utilized: EC

Wood Supply: Purchased - 70%
Quota - 30%

Average Lumber Haul Woods to Mill: 1 kilometre

Employment: 0.5 person-years

Markets: Manitoba - 50%
Ontario - 50%

Memberships: South East Quota Holders Association

Mill Facilities: 1 - Barko loader
1 - Post peeler

Forest Section: Pineland

Kurian Construction Ltd.[†]

Address:	Box 41 Elma, Manitoba R0E 2G0
Telephone:	348-2526
Plant Type:	Pallet Plant
Plant Location:	Elma, Manitoba
Plant Management:	Bill Kurian
Production 1990-91:	850 M fbm
Products:	Pallet stock - 60% Lath - 40%
Species Utilized:	JP
Wood Supply:	Own sawmill
Average Lumber Haul to Mill:	All lumber from onsite sawmill
Employment:	2.0 person-years
Markets:	Local
Mill Facilities:	1 - Pandu resaw 1 - Multi cross-cut saw 1 - Pallet notcher
Forest Section:	Pineland

[†] For details of sawmill operations, see Kurian Construction Ltd., page 26.

Original Log Cabins Ltd.

Address: Box 239
Pine River, Manitoba
R0L 2G0

Telephone: 263-5209

Plant Type: Building Timber Plant

Plant Location: Pine River, Manitoba

Mill Management: Ted Zaretsky

Production 1990-91: 2 MM fbm

Products: Prefabricated log homes (52)

Species Utilized: WP

Wood Supply: Purchased from Ontario

Average Log Haul Woods to Mill: 1000 kilometres

Employment: 9.0 person-years

Markets:

Pacific Rim	-	70%
Manitoba	-	10%
Saskatchewan	-	10%
Ontario	-	10%

Special Services: Designs, builds and erects log homes to customers' specifications

Mill Facilities: Stationary sawmill complex

- 1 - 52" circular saw
- 1 - Cut-off saw
- 1 - Edger
- 1 - Modified planer

Forest Section: Mountain

Prendiville Wood Preservers[†]
(Division of Prendiville Industries Ltd.)

Address:	165 Ryan Street Winnipeg, Manitoba R2R 0N9
Telephone:	633-7238
Plant Type:	Post Peeling Plant
Plant Location:	Birch River, Manitoba
Plant Management:	Jack Thompson, Woodlands Manager
Plant Capacity:	Post peeling operation - 6000 posts/8 hr shift
Production 1990-91:	440 M ft ³
Products:	Peeled fence posts for treating
Species Utilized:	JP
Wood Supply:	Quota
Average Log Haul Woods to Mill:	30 kilometres
Employment:	9.0 person-years
Markets:	Manitoba - company treating plant at Neepawa
Mill Facilities:	3 - Morbark peelers 1 - Slasher 2 - Loaders
Forest Section:	Mountain

[†] For details of treating plant, see Prendiville Wood Preservers, page 82.

Spruce Products Ltd.[†]
(Mobile Chipping Plant)

Address:	Box 1210 Swan River, Manitoba R0L 1Z0
Telephone:	734-3089
Plant Type:	Mobile Chipping Plant
Plant Location:	Bowsman, Manitoba
Plant Management:	Ivan Balenovic
Production 1990-91:	23.0 M BDU chips
Products:	Pulp chips
Species Utilized:	WS - 40% BS - 30% JP - 30%
Wood Supply:	Quota
Average Log Haul Woods to Mill:	50 kilometres
Employment:	7.3 person-years
Markets:	Manitoba (Repap Manitoba)
Memberships:	Mountain Quota Holders Association
Mill Facilities:	1 - Peterson 5000 mobile chipper 12 - 45' chip vans
Forest Section:	Mountain

[†] For details of sawmill operations. see Spruce Products Ltd. (Swan River), page 17.

Appendix I

Forestry Branch - Manitoba Natural Resources

Senior Personnel

**Senior Headquarters Personnel
Forestry Branch - Manitoba Natural Resources
300 - 530 Kenaston Boulevard
Winnipeg, Manitoba
R3N 1Z4
(January 1, 1992)**

Director C.D. Rannard (204) 945-7998	
Forest Inventory Section Chief — R.H. Lamont (204) 945-7950	Silviculture Section Chief — L. Yarn (204) 945-7994
Forest Protection Section Chief — R. Westwood (204) 945-7867	Fire Program - Development & Evaluation Section Chief — G.W. (Bill) Medd (204) 945-7781

Senior Regional Personnel
Forestry Branch - Manitoba Natural Resources
(January 1, 1992)[†]

Region	Name and Title	Address	Telephone
South East and Whiteshell	S. Kaczanowski Regional Specialist	Box 2019 221 - 323 Main Street Steinbach, Manitoba R0A 2A0	(204) 326-5102
Eastern	S. Kaczanowski Regional Specialist	Box 50 20 First Street South Beausejour, Manitoba R0E 0C0	(204) 268-1411 Extension: 295
Interlake	E. East Regional Specialist	Box 1800 Gimli, Manitoba R0C 0B0	(204) 642-8729
Western and South Western	G. McColm Regional Specialist	Box 10 27 - 2nd Avenue, S.W. Dauphin, Manitoba R7N 3E5	(204) 638-9111 Extension: 296
North East and North West	D.M. Lamb Regional Specialist	Box 2550 The Pas, Manitoba R9A 1M4	(204) 623-6411 Extension: 352

[†] Field administrative regions listed here are not identical
to the Forest Sections used in this publication

Appendix II

Information Sources for Wood Industry

Information Sources for Wood Industry

American Wood Preservers' Association (AWPA)
P.O. Box 286
Woodstock, Maryland USA
21163-0286
Telephone: (410) 465-3169
Fax: (410) 465-3195

Canadian Federation of Independent Businesses
3111 - 170 Hargrave Street
Winnipeg, Manitoba
R3C 3H4
Telephone: (204) 947-0817
Fax: (204) 957-5176

Canadian Fibreboard Manufacturers Association
200 - 670 Bloor Street West
Toronto, Ontario
M6G 1L2
Telephone: (416) 533-7800
Fax: (416) 533-4795

Canadian Forestry Association
203 - 185 Somerset Street West
Ottawa, Ontario
K2P 0J2
Telephone: (613) 232-2825
Fax: (613) 232-4210
President: J.W. Giles
Executive Director: Glen Blouin

Canadian Forest Industries Council
350 - 1730 St. Laurent Boulevard
Ottawa, Ontario
K1G 5L1
Telephone: (613) 731-7800
Fax: (613) 731-7899

Canadian Home Builder's Association
502 - 200 Elgin Street
Ottawa, Ontario
K2P 1L5
Telephone: (613) 230-3060
Fax: (613) 232-8214

Canadian Institute of Forestry (CIF)
1005 - 151 Slater Street
Ottawa, Ontario
K1P 5H3
Telephone: (613) 234-2242

Canadian Institute of Treated Wood
506 - 75 Albert Street
Ottawa, Ontario
K1P 5E7
Telephone: (613) 234-9456
Fax: (613) 234-1228

Canadian Log Builders Association
P.O. Box 774
Minden, Ontario
K0M 2K0
Telephone: (705) 286-3305
President: Pat Murphy

Canadian Lumberman's Association
27 Goulburn Avenue
Ottawa, Ontario
K1N 8C7
Telephone: (613) 233-6205
Fax: (613) 233-1929

Canadian Manufacturers Association
402 - 1 Wesley Avenue
Winnipeg, Manitoba
R3E 1C8
Telephone: (204) 949-1454
Fax: (204) 943-3476

Canadian National Building Material Distributors Assn. (CNBMDA)
423 - 77 Finch Avenue East
Willowdale, Ontario
M2N 6H8
Telephone: (416) 225-8988
Fax: (416) 733-0566

Canadian Particleboard Association
27 Goulburn Avenue
Ottawa, Ontario
K1N 8C7
Telephone: (613) 233-6205
Fax: (613) 233-1929

Canadian Pulp and Paper Association
Sun Life Building, 19th Floor
1155 Metcalfe Street
Montreal, Quebec
H3B 4T6
Telephone: (514) 866-6621
Fax: (514) 866-3035

Canadian Standards Association (CSA)
178 Rexdale Boulevard
Rexdale, Ontario
M9W 1R3
Telephone: (416) 747-4044
Fax: (416) 747-2475

Canadian Wood Council
350 - 1730 St. Laurent Boulevard
Ottawa, Ontario
K1G 5L1
Telephone: (613) 731-7800
Fax: (613) 731-7899
Toll Free: 1-800-463-5091

Canadian Wood Energy Institute
24 Lake Street
Killaloe, Ontario
K0J 2A0
Telephone: (613) 757-3600
Fax: (613) 757-3386

Canadian Wood Pallet and Container Association
P.O. Box 640
Pickering, Ontario
L1V 3T3
Telephone: (416) 831-3477
Fax: (416) 831-3477

Central Forest Products Association Inc. (CFPA)
Box 1165
Hudson Bay, Saskatchewan
S0E 0Y0
Telephone: (306) 865-2595
Fax: (306) 865-3302
President: Roland St. Louis
Manager: Lyle Redlick

Forest Engineering Research Institute of Canada (FERIC)
2601 East Mall
Vancouver, British Columbia
V6T 1W5
Telephone: (604)228-1555
Fax: (604)228-0999

Forestry Canada (ForCan)
Manitoba District Office
104 - 180 Main Street
Winnipeg, Manitoba
R3C 1A6
Telephone: (204) 983-7003
Fax: (204) 983-8792
District Manager: John McQueen

Forestry Canada (ForCan)
Northern Forestry Centre
5320 - 122 Street
Edmonton, Alberta
T6H 3S5
Telephone: (403) 435-7210
Fax: (403) 435-7359
Regional Director General: A.D. Kiil
Purpose: Forestry Canada carries out research and regional development programs under a broad mandate, working with clients toward wise management and use of Canada's forest resource.

Forintek Canada Corp.
2665 East Mall
Vancouver, British Columbia
V6T 1W5
Telephone: (604) 224-3221
Fax: (604) 222-5690

Furniture West Inc.
1873 Inkster Boulevard
Winnipeg, Manitoba
R2R 2A6
Telephone: (204) 632-5529
Fax: (204) 894-1281

Industry, Science and Technology Canada (ISTC)
P.O. Box 981
330 Portage Avenue
Winnipeg, Manitoba
R3C 2V2
Telephone: (204) 983-2840
Fax: (204) 983-2187

Interlake Quota Holders Association (IQHA)
c/o Box 458
Riverton, Manitoba
R0C 2R0
Telephone: (204) 378-2952
President: Anthony Hryhorchuk

Laminated Timber Institute of Canada
Box 580
Boissevain, Manitoba
R0K 0E0
Telephone: (204) 534-2486
Fax: (204) 534-2236

Manitoba Forestry Association
900 Corydon Avenue
Winnipeg, Manitoba
R3M 0Y4
Telephone: (204) 453-3182
Fax: (204) 477-5765
Executive Director: Dianne J. Beaven
Objectives: To promote, through educational activities and all channels of publicity and public information, the wise use, protection and full development of our renewable resources of soil, forests, water and wildlife, and to encourage throughout the prairie and parkland regions of the Province the planting of trees as shelter belts and field shelters.

Manitoba Home Builders Association
239 - 1120 Grant Avenue
Winnipeg, Manitoba
R3M 2A6
Telephone: (204) 477-5110
Fax: (204) 477-5139
Contact: Don Glays

Manitoba Log & Timber Crafters Association
484 Kavanagh Street
Winnipeg, Manitoba
R2J 0L2
Telephone: (204) 233-9385

Manitoba Millwork Association Inc.
P.O. Box 737
290 Burnell Street
Winnipeg, Manitoba
R3C 2L4
Telephone: (204) 775-8664
Fax: (204) 783-7805
Secretary: Lynn Brown

Mountain Quota Holders Association (MQHA)
c/o Box 1210
Swan River, Manitoba
R0L 1Z0
Telephone: (204) 734-3089
Fax: (204) 734-2906
President: Ernie Tirschman
Secretary: Ivan Balenovic

National Hardwood Association
Box 34518
Memphis, Tennessee USA
38184-0518
Telephone: (901) 377-1818
Fax: (901) 382-6419

Plywood Manufacturers' Association
P.O. Box 4370
4828 - 89th Street
Edmonton, Alberta
T6E 1N9
Telephone: (403) 468-3311
Fax: (403) 462-9863

Poplar Council of Canada
c/o Faculty of Forestry
University of Toronto
33 Willcocks Street
Toronto, Ontario
M5S 3B3
Telephone: (416) 978-6512
Fax: (416) 978-3834
Chairman: Louis Zsuffa
*Purpose: To encourage the growing of poplar trees and
the use of poplar wood and products.*

Pulp and Paper Research Institute of Canada (PAPRICAN)
3800 Westbrook Mall
Vancouver, British Columbia
V6S 2L9
Telephone: (604) 222-3200
Fax: (604) 222-3207

South East Quota Holders Association (SEQHA)
c/o Box 54
Vassar, Manitoba
R0A 2J0
Telephone: (204) 426-5338
President: Norman Nakka
Secretary/Treasurer: Lyle Spicer

Structural Board Association
412 - 45 Sheppard Avenue East
Willowdale, Ontario
M2N 5W9
Telephone: (416) 730-9090
Fax: (416) 730-9013
Executive Director: John Lowood

Western Plywood Manufacturers Association
4828 - 89th Street
Edmonton, Alberta
T6E 1N9
Telephone: (403) 468-3311
Fax: (403) 462-9863

Western Retail Lumberman's Association
1004 - 213 Notre Dame Avenue
Winnipeg, Manitoba
R3B 1N3
Telephone: (204) 947-1077
Fax: (204) 957-5195
Executive Director: George Fraser

Appendix III

Manitoba's Timber Allocation System

Manitoba's Timber Allocation System

The province of Manitoba has three basic methods for allocating timber to the private sector:

1. Negotiated agreements are in force with only the very largest forest industry companies.
2. Timber sales are the principal means of allocating timber to the forest industry for periods longer than 1 year. There are three types:
 - a. Quotas
 - b. Auction sales
 - c. Special allocations
3. Timber permits are the principal means of allocating timber to relatively small operators and are in effect for one year only. There are four types:
 - a. Quotas - commercial
 - b. Non-quota - commercial
 - c. Own use
 - d. Salvage

Appendix IV

Larger Timber Quota Holders in Manitoba

Larger Timber Quota Holders in Manitoba
(Quotas approximately 1000 m³ or larger)

**Quota holders are an integral part of the wood-using industry in Manitoba,
but not all quota holders necessarily have a log conversion operation.
Therefore, quota holders are listed here so that the entire primary
wood-using industry is included in this directory**

Forest Section: Highrock

Quota No.	Name	Address
220	Arthur Leroy Anderson	Box 1 Cranberry Portage, Manitoba R0B 0H0
232	Michael Frederick Petryk	Box 249 Cranberry Portage, Manitoba R0B 0H0
234	Petryk Brothers Ltd.	Box 249 Cranberry Portage, Manitoba R0B 0H0
239	Ottavio Budai	Cranberry Portage, Manitoba R0B 0H0
241	Ron Filuk	Box 39 Cranberry Portage, Manitoba R0B 0H0

Forest Section: Interlake

Quota No.	Name	Address
124	Abitibi-Price Inc.	Box 10 Pine Falls, Manitoba R0E 1M0
126	Paul Egesz	Riverton, Manitoba R0C 2R0
133	Kevin Miller	Box 485 Arborg, Manitoba R0C 0A0
137	Marine Transport Ltd.	Box 9 Selkirk, Manitoba R1A 2B1
138	Anthony Hryhorchuk	Riverton, Manitoba R0C 2R0
141	F.D. Reimer	Box 396 Riverton, Manitoba R0C 2R0
142	Loreen Reimer	Box 231 Fisher Branch, Manitoba R0C 0Z0
145	Ron-Robb Enterprises	Riverton, Manitoba R0C 2R0

Forest Section: Lake Winnipeg East

Quota No.	Name	Address
104	Abitibi-Price Inc.	Box 10 Pine Falls, Manitoba R0E 1M0
107	Thomas Evankevich	Box 668 Beausejour, Manitoba R0E 0C0
108	Carl Feilberg	East Braintree, Manitoba R0E 0L0
109	Linda Gagawchuk	East Braintree, Manitoba R0E 0L0
110	Jules Godard	Box 29 Richer, Manitoba R0E 1S0
113	Allan Kumhyr	East Braintree, Manitoba R0E 0L0
114	Kurian Construction Ltd.	Box 41 Elma, Manitoba R0E 2G0
115	William Kurian	Box 41 Elma, Manitoba R0E 2G0
122	South East Forest Products Ltd.	Blumenort, Manitoba R0A 0C6
123	Leander and Waldemar Zirk	Stead, Manitoba R0E 1Z0

Forest Section: **Mountain**

Quota No.	Name	Address
149	Abitibi-Price Inc.	Box 10 Pine Falls, Manitoba R0E 1M0
152	Parkland Wood Industries Ltd.	Swan River, Manitoba R0L 1Z0
164	Ronald and William De la Mare	Roblin, Manitoba R0L 1P0
165	William C. Fullerton	Kenville, Manitoba R0L 0Z0
168	James P. Hall	Birch River, Manitoba R0L 0E0
171	Robert A. Hay	Minitonas, Manitoba R0L 1G0
183	Manican Pulpwood Ltd.	14 Lake Grove Bay Winnipeg, Manitoba R3T 4N8
185	William L. Nieman	Swan River, Manitoba R0L 1Z0
198	Garth Riehl	Box 92 Durban, Manitoba R0L 0P0
199	Roblin Forest Products Ltd.	Box 819 Roblin, Manitoba R0L 1P0
202	Intermountain Logging Ltd.	R.R. #1 Durban, Manitoba R0L 0P0
206	Spruce Products Ltd.	Box 1210 Swan River, Manitoba R0L 1Z0

Forest Section: Nelson River

Quota No.	Name	Address
244	Gary Mosiondz	Lot 31 Wabowden Trailer Court Wabowden, Manitoba R0B 1S0
248	R.A. Distributing Ltd.	Box 5 Thompson, Manitoba R8N 1M9

Forest Section: Pineland

Quota No.	Name	Address
1	Abitibi-Price Inc.	Box 10 Pine Falls, Manitoba R0E 1M0
8	A. Carriere & Sons	R.R. #2 Ste. Anne, Manitoba R0A 1R0
13	Boutang Enterprises Ltd.	Box 54 Vassar, Manitoba R0A 2J0
16	Amee Carriere	R.R. #2 Ste. Anne, Manitoba R0A 1R0
20	Denis Cote	Box 2248 Steinbach, Manitoba R0A 2A0
26	Joseph E. Emes	Box 30 Sprague, Manitoba R0A 1Z0
45	Gerald Kolba	66 Lake Park Drive Winnipeg, Manitoba R2J 3A8
51	William Kurian	Box 41 Elma, Manitoba R0E 2G0
55	Paul Anderson	McMunn, Manitoba R0E 0X0
63	Norman Nakka	McMunn, Manitoba R0E 0X0
69	Doris O. Hovorka	Box 60 Sprague, Manitoba R0A 1Z0
73	Morris Prociw	Sandilands, Manitoba R0A 1W0
86	South East Forest Products Ltd.	Blumenort, Manitoba R0A 0C6
93	Welclad International Inc.	515 Munroe Avenue Winnipeg, Manitoba R2K 1H7
97	Wirgau Brothers Forest Products Ltd.	Box 18 Woodridge, Manitoba R0A 2N0

Forest Section: Saskatchewan River

Quota No.	Name	Address
222	Leonard S. Grosky	The Pas, Manitoba R9A 1S5
223	Harry J. and Kirk J. Leptick	Cranberry Portage, Manitoba R0B 0H0
226	Repap Manitoba Inc.	Box 1590 The Pas, Manitoba R9A 1L4
229	Marvco Inc.	Box 1210 Swan River, Manitoba R0L 1Z0
236	Spruce Products Ltd.	Box 1210 Swan River, Manitoba R0L 1Z0

Appendix V

Manitoba Forestry Factors for Metric Conversion

Bibliography

- Bowen, M.G. 1974. Selected metric (SI) units and conversion factors for Canadian forestry. Canadian Forestry Service, Forest Management Institute. Ottawa, ON. 2p.
- Giles, D.R. and R.A. Bohning. 1986. Directory of primary wood-using industries in Manitoba, 1985. Canadian Forestry Service, Winnipeg, MB and Manitoba Natural Resources, Forestry Branch, Winnipeg, MB. 141p.
- Nielson, R.W., J. Dobie and D.M. Wright. 1985. Conversion factors for the forest products industry in western Canada. Forintek Canada Corp., Vancouver, BC. Special Publication SP-24R. 92p.

