

**Directory of
Primary Wood-Using Industries
in Saskatchewan — 1992**

by

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The views, conclusions and recommendations are those of the authors. The exclusion of certain manufactured products does not necessarily imply disapproval, nor does the mention of other products necessarily imply endorsement by Forestry Canada or Saskatchewan Environment and Resource Management.

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Abstract

The forest industry in Saskatchewan was surveyed in the fall of 1992 and spring of 1993 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, including 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, oriented strandboard and plywood 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 in the forest industry in Saskatchewan. Their contribution is gratefully acknowledged. Appreciation is also extended to the headquarters staff, field foresters and conservation officers of Saskatchewan Environment and Resource Management. The authors wish to thank Bev Britton and Sandy Stewart of Forintek Canada Corp. for data entry and graphic skills, respectively.

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Introduction

This directory lists the primary wood-using industries in Saskatchewan during 1992. It documents the improvements in Saskatchewan's forest industry since the previous directory was compiled in 1985 and provides data on sawmill-planing complexes, independent planing mills, wood treating plants, pulp and paper, oriented strandboard and plywood mills, as well as miscellaneous wood-using industries.

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

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 and paper, oriented strandboard and plywood mills
8. Miscellaneous wood-using industries

The information was collected in the fall of 1992 and spring of 1993 through interviews with owners or managers of the various operations. It relates to a one-year operating period, either fiscal or calendar, ending in 1992.

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 cubic metres (m³), pulp and paper in (metric) tonnes, oriented strandboard and plywood in square feet (ft²). 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 on page 2 (metric units) and page 3 (imperial units).

Appendix I documents forestry personnel of Forestry Branch, Saskatchewan Environment and Resource Management. Appendix II lists associations relevant to Saskatchewan's primary wood-using industries. Appendix III lists information on Saskatchewan's timber allocation system. Appendix IV lists conversion factors used in this directory.

The Canada-Saskatchewan Partnership Agreement in Forestry has also published a Directory of Secondary Wood-Using Industries in Saskatchewan - 1992, which is available free of charge from Forestry Canada, Saskatchewan District Office, 1288 Central Avenue, Prince Albert, Saskatchewan, S6V 4V8.

Summary of Saskatchewan's Primary Wood-Using Industries in 1992
Number of Firms and Annual Production and Employment
(in Metric Units)

Industry	Number of Firms	Production	Employment in Mills and Woodlands (person-years) ^a
Sawmill-planing complexes producing more than 5 MM fbm	4	211.7 MM fbm 65.0 M m ³ roundwood ^b 431.0 M m ³ chips	692
Sawmill-planing complexes producing 1 MM to 4.999 MM fbm	5	13.0 MM fbm 60.0 M m ³ roundwood 5.2 M m ³ chips	90
Sawmill-planing complexes producing 100 M to 999 M fbm	38	11.3 MM fbm 35.8 M m ³ roundwood	129
Sawmill-planing complexes producing less than 100 M fbm ^c	84	3.0 MM fbm	25
Independent planing mills	1	2.5 MM fbm ^d	2
Wood treating plants	6	68.1 M m ³ treated roundwood 920.0 M fbm treated lumber 86.6 M m ³ roundwood	159
Pulp and paper, oriented strandboard and plywood mills	4	75.1 M m ³ plywood 140.0 M m ³ oriented strandboard 428.4 M metric tonnes pulp 148.9 M metric tonnes paper 50.0 M m ³ chips	2075
Commercial fuelwood producers	85	11.6 M m ³ roundwood	48
Miscellaneous wood-using industries	3	20.0 M fbm 0.8 M m ³ roundwood 1.5 M square shingles	4
Log producers: unaccounted woodlands labour estimates for purchased wood and custom sawn wood	N/A	N/A	92
Total	<hr/> 230 <hr/>		<hr/> 3316 <hr/>

^a Person-years rounded to agree with original data totals

^b Roundwood includes sawlogs, pulpwood and fuelwood

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

^d Includes rough lumber produced by the sawmill industry

Summary of Saskatchewan's Primary Wood-Using Industries in 1992
Number of Firms and Annual Production and Employment
(in Imperial Units)

Industry	Number of Firms	Production	Employment in Mills and Woodlands (person-years) ^a
Sawmill-planing complexes producing more than 5 MM fbm	4	211.7 MM fbm 27.0 M cords roundwood ^b 147.4 M BDU chips	692
Sawmill-planing complexes producing 1 MM to 4.999 MM fbm	5	13.0 MM fbm 24.9 M cords roundwood 1.7 M BDU chips	90
Sawmill-planing complexes producing 100 M to 999 M fbm	38	11.3 MM fbm 14.9 M cords roundwood	129
Sawmill-planing complexes producing less than 100 M fbm ^c	84	3.0 MM fbm	25
Independent planing mills	1	2.5 MM fbm ^d	2
Wood treating plants	6	2.4 MM ft ³ treated roundwood 920.0 M fbm treated lumber 36.4 M cords roundwood	159
Pulp and paper, oriented strandboard and plywood mills	4	85.0 MM ft ² plywood (3/8 inch basis) 950.0 MM ft ² oriented strandboard (1/16 inch basis) 472.3 M tons pulp 164.1 M tons paper 16.6 M BDU chips	2075
Commercial fuelwood producers	85	4.8 M cords roundwood	48
Miscellaneous wood-using industries	3	20.0 M fbm 2.0 M cords roundwood 1.5 M square shingles	4
Log producers: unaccounted woodlands labour estimates for purchased wood and custom sawn wood	N/A	N/A	92
Total	230		3316

^a Person-years rounded to agree with original data totals

^b Roundwood includes sawlogs, pulpwood and fuelwood

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

^d 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 (1090 kg 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	ha	-	hectare
lb	-	pound			

Tree Species:

Coniferous Trees

bF	-	balsam fir
jP	-	jack pine
lP	-	lodgepole pine
bS	-	black spruce
wS	-	white spruce
tL	-	tamarack/larch

Deciduous Trees

tA	-	trembling aspen
wB	-	white birch
bPo	-	balsam poplar

Definitions:

Chips:	Where chip production was reported in bone dry units (1090 kg or 2400 lb of bone dry wood chips), or metric tonnes, conversion to cubic metres (m ³) was based on species composition and density.
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 an 80 kilometre (50 mile) radius.
Person-year:	Equivalent to 240 days at eight hours per day.
Roundwood:	Includes sawlogs, pulpwood and fuelwood.

Alphabetical Listing of Saskatchewan's Primary Wood-Using Industry

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Sawmill-Planing Complexes

More than 5 MM fbm

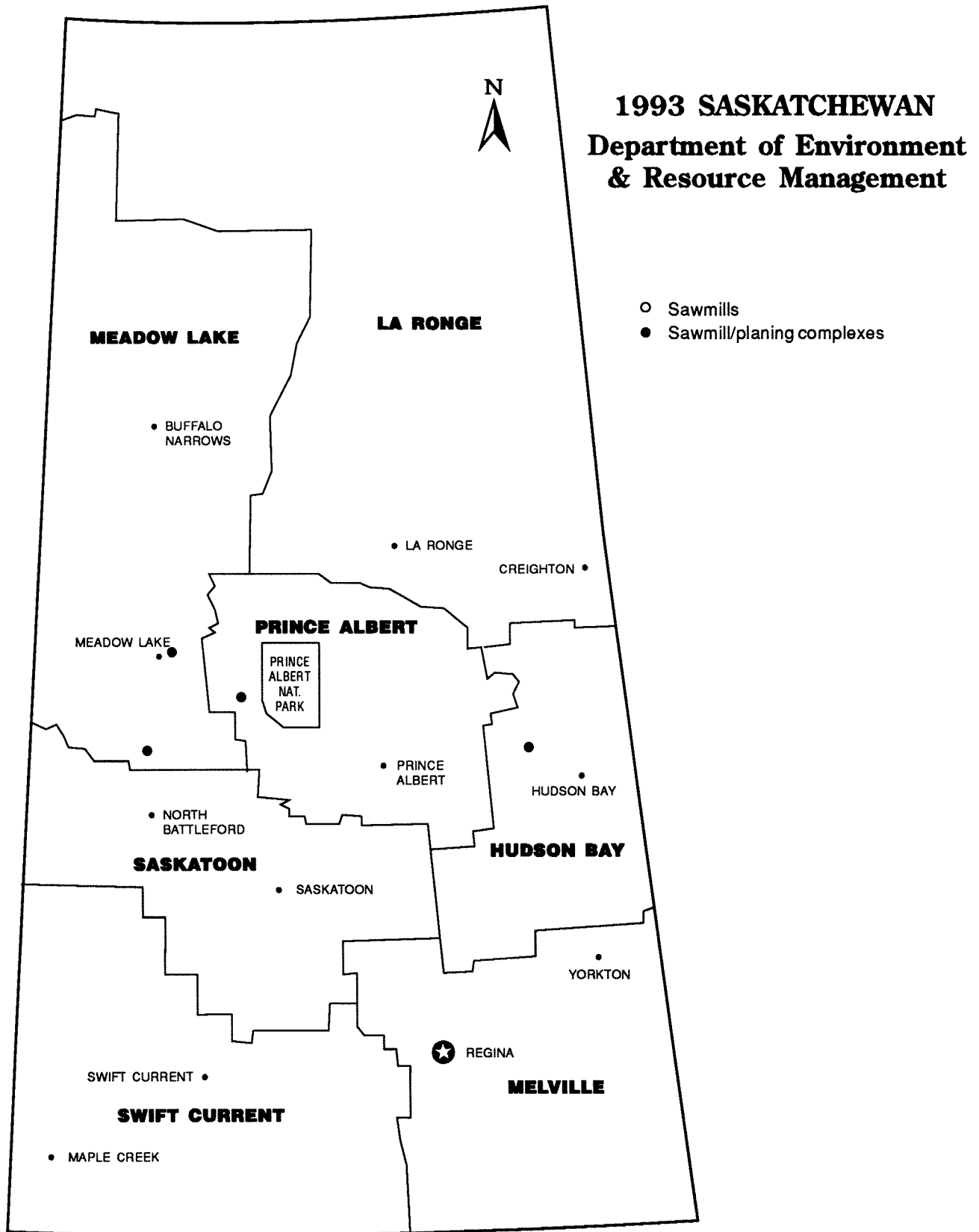


Figure 1: Location of sawmills producing more than 5 MM fbm per year

Sawmill-Planing Complexes

More than 5 MM fbm

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Saskatchewan Forest Products Corp. <i>(Carrot River Sawmill Division)</i>	21

Big River Lumber Corp.

Address: Box 189
Big River, Saskatchewan
S0J 2E0

Telephone: 469-2133

Fax: 469-2311

Mill Location: Big River, Saskatchewan

Owners: Wholly-owned subsidiary of Weyerhaeuser Canada Ltd.

Woodlands Management: Steve Smith, Vice-President & Woodland Manager, Weyerhaeuser
Ralph Court, Area Supervisor

Mill Management: Frank Ober, Mill Manager
Jim Hannam, Mill Superintendent

Mill Capacity: Sawmill - 200 M fbm/8 hr shift
Planing mill - 222 M fbm/8 hr shift

Production 1991-92: Lumber - 92 MM fbm
Wood chips - 190 M m³

Products: Dimension lumber: 2 x 4 - 35%
2 x 6 - 29%
2 x 8 - 21%
2 x 10 - 15%

Random lengths, kiln dried, dressed

Products by Grade: Standard & better - 82%
Utility - 12%
Economy - 6%

Species Utilized: wS - 80%
jP - 12%
bF - 5%
bS - 3%

Wood Supply: Forest Management Licence Agreement - 96%
Purchased - 4%

Average Log Haul Woods to Mill: 150 kilometres

Year Mill was Constructed or Rebuilt: 1986

Big River Lumber Corp. (continued)

Average Employment Months of Operation: Woodlands:

Contract	- 105	J	F	M	A	M	J	J	A	S	O	N	D
Own	- 13	J	F	M	A	M	J	J	A	S	O	N	D
Sawmill:	92	J	F	M	A	M	J	J	A	S	O	N	D
Sales/Office:	13	J	F	M	A	M	J	J	A	S	O	N	D

Transportation: Inputs: Truck
Products: Truck

Markets:

Manitoba	- 26%
Midwestern USA	- 20%
Saskatchewan	- 12%
Ontario	- 9%
Maritimes	- 8%
Quebec	- 6%
Alberta	- 6%
Southwestern USA	- 5%
Other USA	- 5%
Japan	- 3%

Special Services: Cuts to customers' specifications, edge printed, graded, unit-strapped, waxed and wrapped

Memberships: Central Forest Products Association
Saskatchewan Forestry Association
Forintek Canada Corp.

Mill Stamp: CFPA #52

Energy Supply for Mill: Electricity - Saskatchewan Power Corp.
Natural Gas - Saskatchewan Power Corp.

Usage of Wood Residues: Slabs, edgings - wood chips
Sawdust, shavings - no use, burned

Mill Facilities/Equipment:

- Stationary sawmill/planing mill complex
- 1 - Log deck system
- 2 - Cut-off saws
- 2 - 30" Forano debarkers
- 1 - Mark II Chip-N-Saw
- 1 - Mark II Chip-N-Saw and Canter
- 1 - Letson Burpee 5' twin bandsaw
- 1 - Brunette auto chipper
- 1 - Kockums 3-saw edger
- 1 - Newnes trim saw assembly
- 2 - Salton dry kilns (120 M fbm/charge)
- 1 - Yates A-62 planer
- 1 - Burner

Big River Lumber Corp. (continued)

Mill Facilities/Equipment: <i>(continued)</i>	Stationary sawmill/planing mill complex <i>(continued)</i> 1 - Koehring hydraulic crane 1 - 235 Caterpillar crane 1 - Michigan 165B grapple loader 1 - Caterpillar 966 grapple loader 1 - Wagner 70-ton loader 5 - Forklifts
Limiting Factors for Operation and Expansion:	Timber supply
Estimated Replacement Cost of Buildings, Fixed and Mobile Equipment:	\$12,000,000
Forest Section:	Prince Albert

L & M Wood Products (1985) Ltd.*

Address: Box 149
Glaslyn, Saskatchewan
S0M 0Y0

Telephone: 342-2080

Fax: 342-4707

Mill Location: Glaslyn, Saskatchewan

Woodlands Management: Pat Delainey, President and Woodlands Manager

Mill Management: Ken Davies, Vice-President and Treasurer
Gary Delainey, Mill Manager
Rosemary Pilot, Office Manager

Mill Capacity: Sawmill - 35 M fbm/8 hr shift
Planing mill - 50 M fbm/8 hr shift

Production 1991-92: Lumber - 6.7 MM fbm
Pulpwood - 5.0 M m³
Wood chips - 15.0 M m³

Products: Dimension lumber: 2 x 4 - 6%
2 x 6 - 11%
2 x 8 - 3%
(10% is treated)
Board lumber: 1 x 4 - 5%
1 x 6 - 5%
Random lengths, 50% dressed
Timbers: 4 x 4 - 40%
6 x 6 - 25%
(5% is treated)
Random lengths, 20% dressed
Railway ties: - 5%

Species Utilized: jP - 70%
wS - 30%

Wood Supply: Forest Management License Agreement

Average Log Haul Woods to Mill: 45 kilometres

* For details of wood treating plant, see L & M Wood Products (1985) Ltd., page 144.

Norsask Forest Products Inc.

Address: Box 10
Meadow Lake, Saskatchewan
S0M 1V0

Telephone: 236-5601

Fax: 236-6477

Mill Location: Meadow Lake, Saskatchewan

Woodlands Management: Mistik Management Ltd.
Barry Peel, Woodlands Manager

Mill Management: Allan Brander, Mill Manager

Mill Capacity: Sawmill - 200 M fbm/8 hr shift
Planing mill - 200 M fbm/8 hr shift

Production 1991-92: Lumber - 63 MM fbm
Wood chips - 116 M m³

Products: Dimension lumber: 2 x 4 - 50%
2 x 6 - 50%
5 - 8 foot lengths, kiln dried, dressed

Products by Grade: Stud grade - 94%
Economy - 6%

Species Utilized: wS - 50%
jP - 45%
bS - 5%

Wood Supply: Forest Management Licence Agreement - 91%
Forest product field permit - 9%
(Wood procured through Mistik Management Ltd.)

Average Log Haul Woods to Mill: 120 kilometres

Year Mill was Constructed or Rebuilt: 1972

Average Employment Months of Operation: Woodlands: (Employment prorated with Millar Western Pulp Ltd.)
Contract - 132 J F M - - J J A S O N D
Own - 9 J F M A M J J A S O N D
Sawmill/
Planing Mill: 90 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

Norsask Forest Products Inc. (continued)

Transportation:	Inputs: Truck Products: Truck
Markets:	Midwestern USA - 75% Ontario - 10% Manitoba - 10% Saskatchewan - 5%
Special Services:	Kiln dried, precision end trimmed, end coated, graded, unit strapped
Memberships:	Central Forest Products Association
Mill Stamp:	CFPA #46
Energy Supply for Mill:	Electricity - Saskatchewan Power Corp. Natural Gas - Saskatchewan Power Corp.
Usage of Wood Residues:	Slabs, edgings - wood chips Bark, sawdust and shavings - no use, burned
Woodlands Equipment:	None - Wood procurement contracted through Mistik Management Ltd.
Mill Facilities/Equipment:	Stationary sawmill/planing mill complex 1 - Huot slasher unit (twin saw swing type - 60") 2 - 18" Cambio debarkers 1 - 24" Cambio debarker 1 - Optimil log scanner 2 - Optimil chip canterers 2 - Vertical arbor edgers 1 - Optimil board optimiser 1 - Moore stacker 2 - Moore double load kilns (150 M fbm per charge) 1 - Moore unstacker 1 - Coastal 16-knife planer 1 - Huot trim saw assembly 1 - Moore stacker 1 - Acme strapping machine 2 - Drott Cruzaire loaders 2 - 980 Caterpillar loaders 1 - 231 Caterpillar loader 1 - Poclain R-200 hydraulic crane 1 - Hyster forklift 1 - Caterpillar forklift 2 - Service trucks 1 - Nissan forklift

Norsask Forest Products Inc. (continued)

Limiting Factors for Operation and Expansion:	Timber supply, market fluctuations
Estimated Replacement Cost of Buildings, Fixed and Mobile Equipment:	\$36,000,000
Forest Section:	Meadow Lake

Saskatchewan Forest Products Corp.
(Carrot River Sawmill Division)

Address: Box 669
Carrot River, Saskatchewan
S0E 0L0

Telephone: 768-2775

Fax: 768-2696

Mill Location: Carrot River, Saskatchewan

Owners: A Crown Corporation of the Government of Saskatchewan

Woodlands Management: Dale Vizina, General Manager
Eugene Rudy, Wood Superintendent

Mill Management: Roland St. Louis, Mill Manager
Andy Borsa, Production Superintendent

Mill Capacity: Sawmill - 125 M fbm/8 hr shift
Planing mill - 80 M fbm/8 hr shift

Production 1991-92: Lumber - 50 MM fbm
Pulpwood - 60 M m³
Wood chips - 110 M m³

Products: Dimension lumber: 2 x 4 - 70%
2 x 6 - 16%
2 x 8 - 2%
2 x 10 - 3%
Board lumber: 1 x 4 - 4%
1 x 6 - 5%
Random lengths 50%, studs 50%, dressed 100%

Products by Grade: Lumber: Stud grade - 40%
Standard and better - 30%
Economy - 15%
Utility and #3 - 8%
Other grades - 7%

Species Utilized: wS - 95%
bS - 3%
jP - 2%

Wood Supply: Timber permit

Average Log Haul Woods to Mill: 90 kilometres

Saskatchewan Forest Products Corp. (Carrot River Sawmill Division)
(continued)

Year Mill was Constructed or Rebuilt: 1975

Average Employment Months of Operation: Woodlands:
 Contract - 145 J F M - - - - - O N D
 Own - 1 J F M A M J J A S O N D
 Sawmill/
 Planing Mill: 123 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: Inputs: Truck
 Products: Truck

Markets: Manitoba (distribution) - 55%
 Eastern Canada - 29%
 Midwestern USA - 11%
 Saskatchewan - 5%

Special Services: Kiln dried, planed, edge printed, graded, unit strapped and wrapped

Memberships: Central Forest Products Association

Mill Stamp: CFPA #54

Trade Name: SASKFOR

Energy Supply for Mill: Electricity - Saskatchewan Power Corp.
 Natural Gas - Saskatchewan Power Corp.

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

Woodlands Equipment: 1 - D7G Caterpillar tractor
 2 - Bombardiers
 1 - Champion grader
 1 - Flat deck semi-trailer
 5 - Half-ton trucks

Mill Facilities/Equipment: Stationary sawmill/planing complex
 1 - Cut-off saw
 1 - 30" ring Brunette debarker
 1 - 18" Cambio debarker
 1 - Mark III CanCar Chip-N-Canter
 1 - Letson Burpee 5' twin band saw
 1 - V6 Chip-N-Saw
 1 - Brunette Auto chipper
 1 - Multiple trim saw assembly
 1 - Sorting deck
 1 - Edge sorter

Saskatchewan Forest Products Corp. (Carrot River Sawmill Division)
(continued)

Mill Facilities/Equipment:
(continued)

Stationary sawmill/planing complex *(continued)*

- 1 - Green chain
- 1 - Fryer-Cruickshank dry kiln (190 M fbm/charge)
- 1 - Yates A-21 planer
- 1 - 54" McCullough resaw
- 1 - Burner
- 1 - Caterpillar 235 crane
- 1 - 980 Caterpillar loader
- 1 - 966D Caterpillar loader
- 1 - 920 Caterpillar forklift
- 2 - Blue Chip forklifts
- 1 - Patrick 18-tonne forklift
- 1 - Caterpillar 16-tonne forklift
- 1 - Tanguay loader

Limiting Factors for
Operation and Expansion:

Timber supply

Estimated Replacement Cost of Buildings,
Fixed and Mobile Equipment:

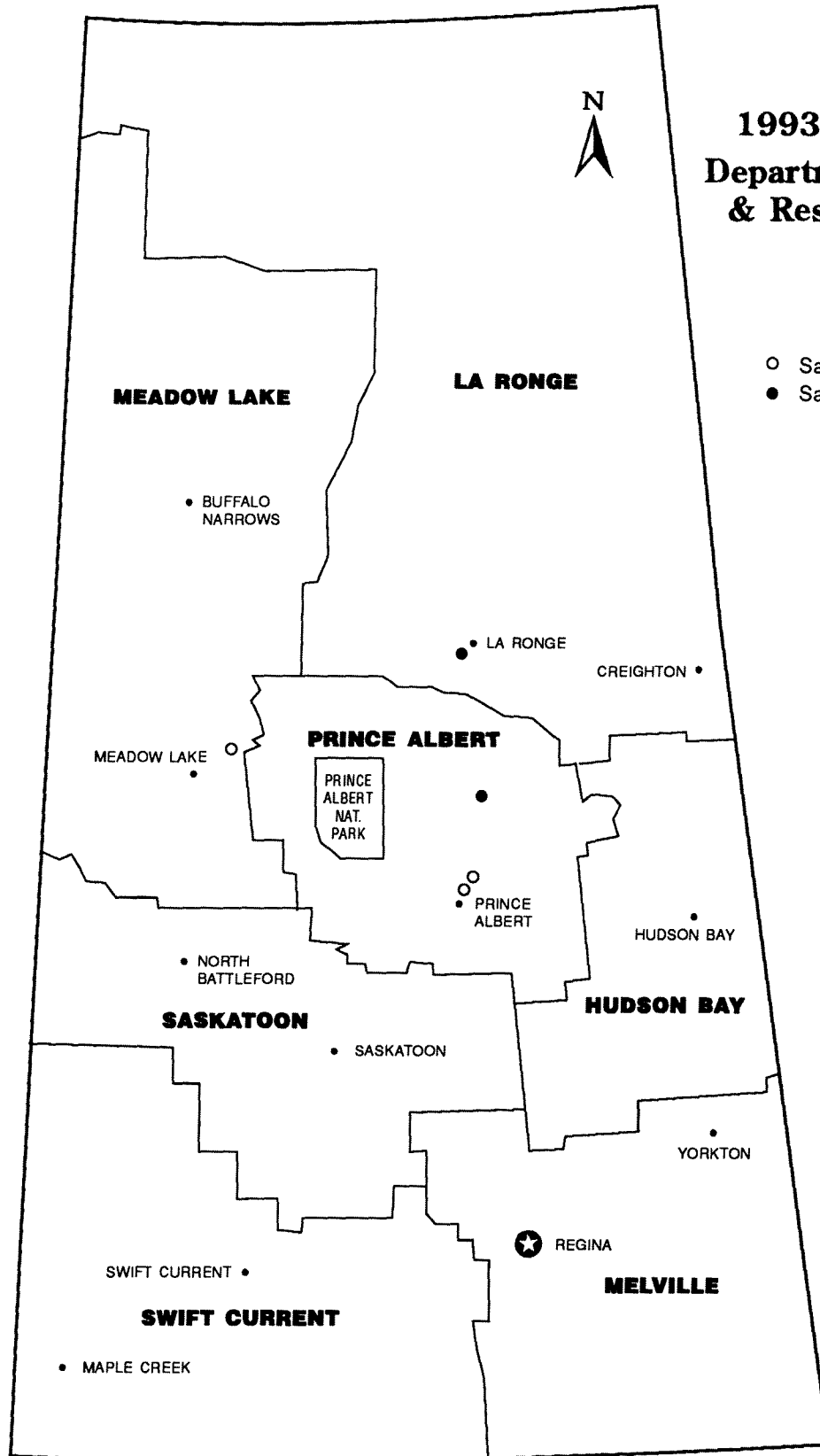
\$2,000,000

Forest Section:

Hudson Bay

Sawmill-Planing Complexes

1 MM to 4.999 MM fbm



**1993 SASKATCHEWAN
Department of Environment
& Resource Management**

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

Sawmill-Planing Complexes

1 MM to 4.999 MM fbm

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Green Lake Metis Wood Products Ltd.

Address: Box 158
Green Lake, Saskatchewan
S0M 1B0

Telephone: 832-2135

Fax: 832-2031

Mill Location: Green Lake, Saskatchewan

Woodlands Management: Ernest La Liberte, Forestry Supervisor

Mill Management: Darlene Morin, Sawmill Manager
Edward Kennedy, Mill Superintendent

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

Production 1991-92: Lumber - 3.2 MM fbm
Wood chips - 5.2 M m³

Products: Dimension lumber: 2 x 4 - 5%
2 x 6 - 60%
2 x 8 - 10%
2 x 10 - 10%

Board lumber: 1 x 4 - 5%
1 x 6 - 5%

Random lengths, rough

Ties: 6 x 8 - 5%

Products by Grade: Mill run

Species Utilized: wS

Wood Supply: Timber permit

Average Log Haul Woods to Mill: 10 kilometres

Year Mill was Constructed or Rebuilt: 1972

Average Employment Months of Operation: Woodlands:
Contract - 8 J F M A M J J A S O N D
Sawmill: 21 - - M A M J J A S O - -
Sales/Office: 1 J F M A M J J A S O N D

Transportation: Inputs: Truck
Products: Truck

Green Lake Metis Wood Products Ltd. (continued)

Markets:	Saskatchewan - 50%
	Manitoba - 30%
	Alberta - 20%
Special Services:	Cuts to customers' specifications
Energy Supply for Mill:	Electricity - Saskatchewan Power Corp.
Usage of Wood Residues:	Slabs, edgings - 90% chips, 10% burned
	Sawdust, bark - no use, burned
Mill Facilities/Equipment:	Stationary sawmill complex
	1 - Cambio 30" debarker
	1 - QM 48" circular headsaw with carriage
	1 - Brunette band resaw
	1 - QM 10" edger
	1 - 2-saw trim assembly
	1 - Morbark chipper
	2 - Allis Chalmers loaders
	1 - Ford tractor lumber carrier
Limiting Factors for Operation and Expansion:	Timber supply
Estimated Replacement Cost of Buildings, Fixed and Mobile Equipment:	\$833,000
Forest Section:	Meadow Lake

Newton Logging Ltd.

Address: Box 59
Meath Park, Saskatchewan
S0J 1T0

Telephone: 426-2332

Fax: 426-2440

Mill Location: Caribou Creek, Saskatchewan

Owners: Garry and Darlene Newton

Woodlands Management: Garry Newton

Mill Management: Garry Newton

Mill Capacity: Sawmill - 10 M fbm/8 hr shift
Planing mill - 25 M fbm/8 hr shift

Production 1991-92: Lumber - 2.2 MM fbm
Chips - 4.8 M m³

Products: Dimension lumber: 2 x 4 - 10%
2 x 6 - 20%
2 x 8 - 15%
2 x 10 - 15%
Board lumber: 1 x 4 - 5%
1 x 6 - 5%
1 x 8 - 5%
Random lengths, 50% dressed
Timbers: 3 x 6 - 6%
3 x 8 - 6%
5 x 6 - 5%
8 x 8 - 5%
10 x 10 - 3%

Products by Grade: Standard & better - 85%
Economy - 15%

Species Utilized: jP - 55%
wS - 45%

Wood Supply: Timber permit - 90%
Forest product field permit - 10%

Average Log Haul Woods to Mill: 75 kilometres

Newton Logging Ltd. (continued)

Year Mill was Constructed or Rebuilt: 1977

Average Employment Months of Operation: Woodlands:

Contract	-	4	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
Sales/Office:		1	J	F	M	A	M	J	J	A	S	O	N	D

Transportation: Inputs: Truck
Products: Truck

Markets:

Local	-	50%
Midwestern USA	-	25%
Manitoba	-	15%
Alberta	-	10%

Special Services: Cuts to customers' specifications, planed and graded

Memberships: Central Forest Products Association
Saskatchewan Council of Independent Forest Industries

Mill Stamp: CFPA #58

Energy Supply for Mill: Diesel power unit
Electricity - Saskatchewan Power Corp.

Usage of Wood Residues: Slabs, edgings - no use, burned
Sawdust, shavings - no use, landfill

Woodlands Equipment:

- 1 - 350 Timberjack skidder
- 1 - D6C Caterpillar tractor
- 1 - 544A John Deere loader
- 1 - 950 Caterpillar loader
- 1 - 4300 International truck
- 1 - Kenworth logging truck
- 4 - 45', 3-axle log trailers
- 1 - 24' low bed
- 1 - 600 Champion grader

Mill Facilities/Equipment:

- Stationary sawmill/planing complex
- 1 - PA #2 48" circular headsaw with carriage
- 1 - 6" Shurman bull edger
- 1 - 38" circular resaw
- 1 - Coutts planer
- 1 - 930 Caterpillar loader
- 1 - 33 Massey loader
- 1 - Caterpillar diesel power unit
- 1 - 671 GMC Jimmy power unit

Newton Logging Ltd. (continued)

Limiting Factors for Operation and Expansion:	Timber supply
Estimated Replacement Cost of Buildings, Fixed and Mobile Equipment:	\$500,000
Forest Section:	Prince Albert

Provincial Forest Products Ltd.

Address: Box 2438
Prince Albert, Saskatchewan
S6V 7G3

Telephone: 764-4668

Fax: 764-6622

Mill Location: 5 kilometres north of Prince Albert, Saskatchewan

Owners: Barry Devocht and partner

Woodlands Management: Barry Devocht, President and General Manager

Mill Management: Barry Devocht

Mill Capacity: Sawmill - 20 M fbm/8 hr shift

Production 1991-92: Lumber - 3.7 MM fbm
Pulpwood - 42.2 M m³

Products:

Dimension lumber:	2 x 6	-	5%
	2 x 8	-	5%
	2 x 10	-	10%
Board lumber:	1 x 4	-	2%
	1 x 6	-	7%
	1 x 8	-	6%
Timbers:	4 x 6	-	5%
	5 x 6	-	5%
	6 x 6	-	5%
	3 x 8	-	12%
	6 x 8	-	11%
	8 x 8	-	10%
	10 x 10	-	15%
	12 x 12	-	2%

Random lengths, rough

Products by Grade: Mill run

Species Utilized: wS - 90%
tA - 10%

Wood Supply: Timber permit - 55%
Private - 40%
Purchased (Crown) - 5%

Average Log Haul Woods to Mill: 75 kilometres

Provincial Forest Products Ltd. (continued)

Year Mill was Constructed or Rebuilt: 1986

Average Employment Months of Operation: Woodlands:
 Contract - 11 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
 Sales/Office: 1 J F M A M J J A S O N D

Transportation: Inputs: Truck
 Products: Truck

Markets: Ontario - 25%
 Manitoba - 25%
 Saskatchewan - 20%
 Quebec - 15%
 Local - 15%

Special Services: Cuts to customers' specifications, timber speciality

Memberships: Saskatchewan Council of Independent Forest Industries

Energy Supply for Mill: Electricity - Saskatchewan Power Corp.

Usage of Wood Residues: Slabs, edgings - 2nd cut slabs, sold
 Sawdust - piled - 90% non-use
 - 10% bedding

Woodlands Equipment: 1 - 645 Allis Chamber loader
 1 - 60A Ford loader
 1 - 2500 Trojan loader
 1 - D-9 Pacific logging truck with trailer
 1 - 230 Timberjack skidder

Mill Facilities/Equipment: Stationary sawmill
 1 - 48" and 52" circular headsaw with carriage
 1 - 7-saw single arbor edger
 1 - 520 Marathon sash gang saw
 1 - Chain saw lumber trimmer
 1 - 2000 Trojan loader
 1 - Blue Chip forklift

Limiting Factors for Operation and Expansion: Timber supply

Estimated Replacement Cost of Buildings, Fixed and Mobile Equipment: \$360,000

Forest Section: Prince Albert

R & T Trucking Ltd.

Address: Box 1597
Prince Albert, Saskatchewan
S6V 5T2

Telephone: 763-4226

Fax: 763-4203

Mill Location: 25 kilometres northeast of Prince Albert, Saskatchewan

Owners: Harry Romanchuk

Woodlands Management: Harry Romanchuk

Mill Management: Harry Romanchuk, General Manager
Evon Helgason, Office Manager

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

Production 1991-92: Lumber - 1.2 MM fbm
Pulpwood - 7.0 M m³

Products:

Dimension lumber:	2 x 6	-	40%
	2 x 8	-	32%
	2 x 10	-	8%
Board lumber:	1 x 4	-	4%
	1 x 6	-	8%
	1 x 8	-	6%
	1 x 10	-	2%

Random lengths, rough

Products by Grade: Mill run

Species Utilized: wS

Wood Supply: Timber permit - 84%
Purchased private - 16%

Average Log Haul Woods to Mill: 105 kilometres

Year Mill was Constructed or Rebuilt: 1978

Average Employment Months of Operation:

Woodlands:															
Contract	-	4	J	F	-	-	-	J	J	A	S	O	N	D	
Own	-	2	J	F	-	-	-	J	J	A	S	O	N	D	
Sawmill:		6	J	F	-	-	-	J	J	A	S	O	N	D	
Sales/Office:		1	J	F	M	A	M	J	J	A	S	O	N	D	

R & T Trucking Ltd. (continued)

Transportation:	Inputs: Truck Products: Truck
Markets:	Saskatchewan - 75% Midwestern USA - 25%
Special Services:	Cuts to customers' specifications
Memberships:	Saskatchewan Council of Independent Forest Industries
Energy Supply for Mill:	Diesel power unit
Usage of Wood Residues:	Slabs, edgings - fuelwood - 25% - no use, burned - 75% Sawdust - no use, piled
Woodlands Equipment:	1 - D65E Komatsu crawler 1 - 1240 Volvo loader 1 - Champion grader 2 - Kenworth logging trucks with trailers
Mill Facilities/Equipment:	Stationary sawmill 1 - PA #2 48" circular headsaw with carriage 1 - 6-saw gang edger 1 - Edger 1 - Resaw
Limiting Factors for Operation and Expansion:	Timber supply
Estimated Replacement Cost of Buildings, Fixed and Mobile Equipment:	\$300,000
Forest Section:	Prince Albert

Zelensky Bros. Ltd.

Address: Box 1033
La Ronge, Saskatchewan
S0J 1L0

Telephone: 425-2239

Fax: 425-4018

Mill Location: La Ronge, Saskatchewan

Owners: Brian and Perry Zelensky

Woodlands Management: Brian Zelensky

Mill Management: Perry Zelensky

Mill Capacity: Sawmill - 25 M fbm/8 hr shift
Planer mill - 75 M fbm/8 hr shift

Production 1991-92: Lumber - 2.7 MM fbm
Pulpwood - 6000 m³

Products: Dimension lumber: 2 x 4 - 10%
2 x 6 - 20%
2 x 8 - 10%
2 x 10 - 40%
Board lumber: 1 x 4 - 2%
1 x 6 - 3%
1 x 8 - 3%
1 x 10 - 2%
Timbers: 3 x 8 - 10%
Random lengths, 90% dressed

Products by Grade: #2 and better - 90%
#3 and utility - 7%
Economy - 3%

Species Utilized: wS - 85%
jP - 10%
bF - 5%

Wood Supply: Timber permit - 92%
Forest product field permit - 8%

Average Log Haul Woods to Mill: 110 kilometres

Year Mill was Constructed or Rebuilt: 1975

Zelensky Bros. Ltd. (continued)

Average Employment Months of Operation: Woodlands:

Contract	- 6	J	F	M	-	-	-	-	-	-	-	N	D
Own	- 6	J	F	M	-	-	-	-	-	-	-	N	D

Sawmill/

Planing Mill:	10	J	F	M	A	M	J	J	A	S	-	-	D
Sales/Office:	1	J	F	M	A	M	J	J	A	S	O	N	D

Transportation: Inputs: Truck
Products: Truck

Markets: Manitoba - 60%
Saskatchewan - 40%

Special Services: Cuts to customers' specifications, precision end trimmed, dressed, graded, unit strapped and poly wrapped

Memberships: Central Forest Products Association

Mill Stamp: CFPA #56

Energy Supply for Mill: Electricity - Saskatchewan Power Corp.

Usage of Wood Residues: Slabs, edging - fuelwood 10%, burned 90%
Sawdust, shavings - agriculture 25%, burned 75%

Woodlands Equipment:

- 1 - 640D John Deere skidder
- 1 - 950 Caterpillar loader
- 1 - 4400 Volvo loader
- 4 - Logging trucks with trailers

Mill Facilities/Equipment:

- Stationary sawmill/planing complex
- 1 - Morbark 50" circular headsaw with hydraulic carriage
- 1 - Coutts 6-saw edger
- 1 - Trim saw assembly
- 1 - Newman 512 planer
- 1 - Recovery saw unit
- 1 - Lathe mill
- 1 - 936 Caterpillar loader
- 1 - 4500 Volvo loader

Limiting Factors for Operation and Expansion: Timber supply

Estimated Replacement Cost of Buildings, Fixed and Mobile Equipment: \$425,000

Forest Section: La Ronge

Sawmill Planing Complexes

100 M to 999 M fbm

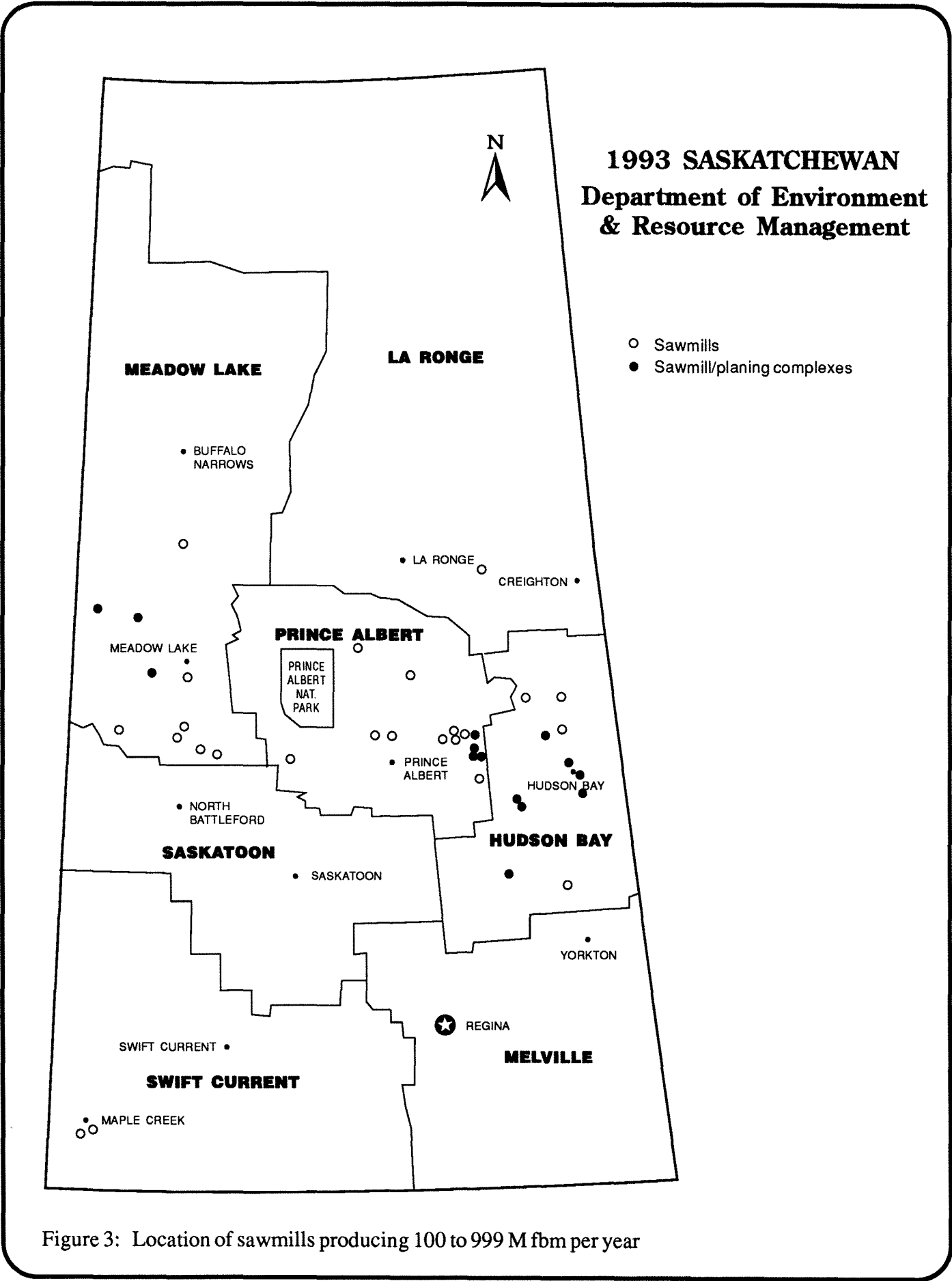


Figure 3: Location of sawmills producing 100 to 999 M fbm per year

Sawmill Planing Complexes

100 M to 999 M fbm

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Sawmill Planing Complexes

100 M to 999 M fbm (continued)

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Sawmill Planing Complexes

100 M to 999 M fbm (*continued*)

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Agro & Forest Products

Address: Box 102
 Kelvington, Saskatchewan
 S0A 1W0

Telephone: 327-4875

Mill Location: Kelvington, Saskatchewan

Management: James Hendren

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

Production 1991-92: Lumber - 400 M fbm

Products:

Dimension lumber:	2 x 4	-	15%
	2 x 6	-	30%
	2 x 8	-	12%
	2 x 10	-	5%
Board lumber:	1 x 4	-	1%
	1 x 6	-	7%
	1 x 8	-	6%
	1 x 10	-	2%

Random lengths, rough

Timbers:	4 x 6	-	20%
	6 x 6	-	2%

Products by Grade: Mill run

Species Utilized:

wS	-	92%
wB	-	5%
jP	-	3%

Wood Supply:

Timber permit	-	70%
Purchased	-	30%

Average Log Haul Woods to Mill: 28 kilometres

Year Mill was Constructed or Rebuilt: 1972

Average Employment Months of Operation:

Woodlands:																				
Own	-	3	J	F	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	D
Sawmill:		5	-	-	-	-	-	-	J	J	-	-	-	-	-	-	-	-	-	-

Transportation:

Inputs:	Truck
Products:	Truck

Agro & Forest Products (continued)

Markets:	Local - 75%
	Saskatchewan - 25%
Special Services:	Cuts to customers' specifications
Memberships:	Saskatchewan Council of Independent Forest Industries
Energy Supply for Mill:	Diesel power unit
Usage of Wood Residues:	Slabs, edgings - no use burned
	Sawdust - no use, piled
Woodlands Equipment:	1 - John Deere skidder
	1 - Case loader
	1 - International logging truck with trailer
Mill Facilities/Equipment:	Stationary sawmill/planing complex
	2 - 48" and 52" circular sawmills with carriage
	1 - Yates planer
Limiting Factors for Operation and Expansion:	Timber supply
Estimated Replacement Cost of Buildings, Fixed and Mobile Equipment:	\$100,000
Forest Section:	Hudson Bay

Chisum Log Homes Ltd. *

Address: Box 5758
Weyakwin, Saskatchewan
S0J 1W0

Telephone: 663-5936

Mill Location: Weyakwin, Saskatchewan

Management: Gary Varga, Partner Mill Manager
Guy Bilideau, Partner Mill Manager
Paul Bilideau, Partner Mill Manager

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

Production 1991-92: Lumber - 250 M fbm
Pulpwood - 3 M m³

Products: Dimension lumber: 2 x 4 - 5%
2 x 6 - 30%
Board lumber: 1 x 6 - 65%
Random lengths, rough

Species Utilized: wS

Wood Supply: Timber permit

Average Log Haul Woods to Mill: 50 kilometres

Year Mill was Constructed or Rebuilt: 1990

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

Transportation: Inputs: Truck
Products: Truck

Markets: Saskatchewan

Special Services: Designs and manufactures log homes to customers' specifications

Trade Name: Chisum Log Homes

Energy Supply for Mill: Electricity - Saskatchewan Power Corp.

* For details on log home operations, see Chisum Log Homes Ltd., page 190.

Chisum Log Homes Ltd. (continued)

Usage of Wood Residues:	Slabs, edgings, sawdust, shavings - no use, stockpiled
Woodlands Equipment:	1 - 665D Clarke skidder 1 - 240D Timberjack skidder 1 - Kenworth truck with trailer 1 - Lowbed
Mill Facilities/Equipment:	Stationary sawmill 1 - 48" circular headsaw with carriage 1 - Coutts 6" edger 1 - 2-saw trimmer
Limiting Factors for Operation and Expansion:	Timber supply
Estimated Replacement Cost of Buildings, Fixed and Mobile Equipment:	\$200,000
Forest Section:	Prince Albert

Cole Bay Economic Development Corp.

Address: General Delivery
 Cole Bay, Saskatchewan
 S4M 0M0

Telephone: 829-4232

Mill Location: Cole Bay, Saskatchewan

Management: Anselm Okereke

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

Production 1991-92: Lumber - 300 M fbm

Products: Dimension lumber: 2 x 4 - 15%
 2 x 6 - 70%
 2 x 8 - 5%
 Board lumber: 1 x 4 - 10%
Random lengths, rough

Products by Grade: Mill run

Species Utilized: wS

Wood Supply: Timber permit

Average Log Haul Woods to Mill: 8 kilometres

Year Mill was Constructed or Rebuilt: 1989

Average Employment Months of Operation: Woodlands:
 Contract - 1 J F - A M J - - S O - -
 Own - 3 J F - A M J - - S O - -
 Mill: 3 - - - A M J - - S O - -

Transportation: Inputs: Truck
 Products: Truck

Markets: Alberta - 80%
 Local - 10%
 Saskatchewan - 10%

Special Services: Cuts to customers' specifications

Energy Supply for Mill: Gas power unit

Cole Bay Economic Development Corp. (continued)

Usage of Wood Residues:	Slabs, edgings - 60% fencing, 40% no use, burned Sawdust - no use, piled
Woodlands Equipment:	None
Mill Facilities/Equipment:	Stationary sawmill 1 - Double blade (48" & 36") circular saw headrig with carriage 1 - 4-saw edger
Limiting Factors for Operation and Expansion:	Timber supply
Estimated Replacement Cost of Buildings, Fixed and Mobile Equipment:	\$30,000
Forest Section:	Meadow Lake

Federuik Wood Products

Address: Box 7
Sturgis, Saskatchewan
S0A 4A0

Telephone: 548-4711

Mill Location: Sturgis, Saskatchewan

Management: George Federuik

Mill Capacity: Sawmill - 6 M fbm/8 hr shift

Production 1991-92: Lumber - 100 M fbm
Rails - 55 m³ (2000 rails)

Products: Dimension lumber: 2 x 4 - 10%
2 x 6 - 20%
2 x 8 - 20%
2 x 10 - 10%
Board lumber: 1 x 6 - 5%
1 x 8 - 5%
1 x 10 - 10%
1 x 12 - 10%
Random lengths, rough
Fence rails: 10%

Species Utilized: wS - 90%
bS - 10%

Wood Supply: Timber permit - 70%
Purchased - 30%

Average Log Haul Woods to Mill: 100 kilometres

Year Mill was Constructed or Rebuilt: 1987

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

Transportation: Inputs: Truck
Products: Truck

Markets: Local

Federuik Wood Products (continued)

Special Services:	Custom sawing, cuts oversize logs
Memberships:	None
Energy Supply for Mill:	Diesel tractor
Usage of Wood Residues:	Slabs, edgings - fuel wood, own use Sawdust - no use, piled
Woodlands Equipment:	1 - John Deere 450 B loader 1 - Logging truck with trailer
Mill Facilities/Equipment:	Portable sawmill 1 - 46" circular saw with carriage
Limiting Factors for Operation and Expansion:	Timber supply
Estimated Replacement Cost of Buildings, Fixed and Mobile Equipment:	\$60,000
Forest Section:	Hudson Bay

Gap Creek Wood Products Ltd.

Address: Box 1692
Maple Creek, Saskatchewan
S0N 1N0

Telephone: 662 3794

Mill Location: Maple Creek, Saskatchewan

Management: Monty Leslie

Mill Capacity: Sawmill - 3 M fbm/8 hr shift

Production 1991-92: Lumber - 500 M fbm
Posts - 280 m³ (7,000 posts)

Products:

Dimension lumber:	2 x 4	- 18%
	2 x 6	- 30%
	2 x 8	- 12%
Board lumber:	1 x 4	- 10%
	1 x 6	- 5%
	1 x 8	- 5%

Random lengths, rough

Timbers:	3 x 4	- 4%
	4 x 4	- 4%
	4 x 6	- 2%

8 foot lengths, rough

Products by Grade: Fence posts (rough) - 10%

Species Utilized: IP - 85%
wS - 15%

Wood Supply: Timber permit

Average Log Haul Woods to Mill: 35 kilometres

Year Mill was Constructed or Rebuilt: 1983

Average Employment Months of Operation: Woodlands:
Own - 2 J F M A M J J A S O N D
Sawmill: 4 J F M A M J J A S O N D

Transportation: Inputs: Truck
Products: Truck

Gap Creek Wood Products Ltd. (continued)

Markets:	Alberta - 50%
	British Columbia - 30%
	Local - 20%
Special Services:	Cuts to customers' specifications
Energy Supply for Mill:	Diesel power unit
	Electricity - Saskatchewan Power Corp.
Usage of Wood Residues:	Slabs, edgings - fuelwood
	Sawdust - no use, piled
Woodlands Equipment:	1 - 440 John Deere skidder
	1 - 85A Clarke loader
	1 - Western Star logging truck
Mill Facilities/Equipment:	Portable sawmill
	1 - 48" circular headrig with carriage
	1 - 30" mobile gang saw with 4" edger attached
Limiting Factors for Operation and Expansion:	Restricted timber supply
Estimated Replacement Cost of Buildings, Fixed and Mobile Equipment:	\$35,000
Forest Section:	Swift Current

Glass Brothers

Address: Box 419
Glaslyn, Saskatchewan
S0M 0Y0

Telephone: 342-4487

Mill Location: Glaslyn, Saskatchewan

Management: Bernie and Florian Glass

Mill Capacity: Sawmill - 5 M fbm/8 hr shift

Production 1991-92: Lumber - 350 M fbm

Products: Dimension lumber: 2 x 6 - 10%
Board lumber: 1 x 4 - 5%
1 x 6 - 15%
Timbers: 4 x 4 - 35%
6 x 6 - 35%

Random lengths, rough

Products by Grade: Mill run

Species Utilized: jP - 50%
tA - 35%
wS - 15%

Wood Supply: Timber permit - 60%
Custom cutting - 40%

Average Log Haul Woods to Mill: 40 kilometres

Year Mill was Constructed or Rebuilt: 1985

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

Transportation: Inputs: Truck
Products: Truck

Markets: Saskatchewan - 90%
Local - 10%

Special Services: Cuts to customers' specifications, custom sawing

Memberships: None

Glass Brothers (continued)

Energy Supply for Mill:	Sawmill - Diesel power unit
Usage of Wood Residues:	Slabs, edgings - fuelwood Sawdust - no use, piled
Woodlands Equipment:	1 - Barko loader 2 - International logging trucks with trailers
Mill Facilities/Equipment:	Portable sawmill 1 - Morbark Porta Pak sawmill unit 1 - Tractor loader
Limiting Factors for Operation and Expansion:	Timber supply
Estimated Replacement Cost of Buildings, Fixed and Mobile Equipment:	\$100,000
Forest Section:	Meadow Lake

Goodsoil Lumber Supplies

Address: Box 206
 Goodsoil, Saskatchewan
 S0M 1A0

Telephone: 238-2167

Mill Location: Goodsoil, Saskatchewan

Management: Albert Eckel

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

Production 1991-92: Lumber - 200 M fbm
 Pulpwood - 6300 m³

Products: Dimension lumber: 2 x 4 - 10%
 2 x 6 - 30%
 2 x 8 - 35%
 2 x 10 - 8%
 2 x 12 - 2%
 Board lumber: 1 x 6 - 10%
 1 x 8 - 3%
 1 x 10 - 2%
Random lengths, rough

Products by Grade: Mill run

Species Utilized: wS

Wood Supply: Timber permit

Average Log Haul Woods to Mill: 0.5 kilometres

Year Mill was Constructed or Rebuilt: 1988

Average Employment Months of Operation: Woodlands:
 Own - 5 J F M A M J J A S O N D
 Sawmill: 9 J F - - - - - - - - D

Transportation: Inputs: Truck
 Products: Truck

Markets: Saskatchewan

Special Services: Cuts to customers' specifications, precision end trimmed, unit strapped and poly wrapped

Goodsoil Lumber Supplies (continued)

Memberships:	Saskatchewan Council of Independent Forest Industries
Energy Supply for Mill:	Diesel power unit
Usage of Wood Residues:	Slabs, edgings - no use, burned Sawdust - no use, piled
Woodlands Equipment:	1 - 664 Clark skidder 1 - 667 Clark skidder 1 - Massey Ferguson II loader
Mill Facilities/Equipment:	Portable sawmill/planing complex 1 - 48" circular headsaw with carriage 1 - 5-saw edger 1 - Morris Fairbanks planer 1 - White tractor diesel unit
Limiting Factors for Operation and Expansion:	Timber supply
Estimated Replacement Cost of Buildings, Fixed and Mobile Equipment:	\$105,000
Forest Section:	Meadow Lake

Grant, C. Sawing & Planing

Address: Box 1003
Hudson Bay, Saskatchewan
S0E 0Y0

Telephone: 865-2807

Mill Location: Hudson Bay, Saskatchewan

Management: Clarence Grant

Mill Capacity: Sawmill - 10 M fbm/8 hr shift
Planing mill - 100 M fbm/8 hr shift

Production 1991-92: Lumber - 408 M fbm

Products: Dimension lumber: 2 x 4 - 7%
2 x 6 - 40%
2 x 8 - 14%
Board lumber: 1 x 4 - 5%
1 x 5 - 7%
1 x 6 - 5%
1 x 7 - 3%

Random lengths, planed

Timbers: 3 x 3 - 2%
3 x 4 - 5%
4 x 6 - 12%

Random lengths, rough

Products by Grade: Mill run

Species Utilized: wS - 67%
tA - 12%
wB - 10%
jP - 7%
tL - 4%

Wood Supply: Timber permit - 82%
Private - 10%
Purchased - 6%
Custom sawing - 2%

Average Log Haul Woods to Mill: 30 kilometres

Year Mill was Constructed or Rebuilt: 1960

Grant, C. Sawing & Planing (continued)

Average Employment Months of Operation:	Woodlands: Own - 2 J F - - - - - Sawmill/ Planing Mill: 4 - - - A M - - - - -
Transportation:	Inputs: Truck Products: Truck
Markets:	Saskatchewan
Special Services:	Custom sawing and planing, cuts to customers' specifications
Memberships:	Saskatchewan Council of Independent Forest Industries
Energy Supply for Mill:	Diesel power unit
Usage of Wood Residues:	Slabs, edgings - no use, burned Sawdust, shavings - animal bedding
Mill Facilities/Equipment:	Stationary sawmill/planing complex 1 - 50" circular sawmill with carriage 1 - Coutts bull edger 1 - Walter 4-saw edger 1 - Stetson Ross 8-knife planer 1 - loader
Limiting Factors for Operation and Expansion:	Timber supply
Estimated Replacement Cost of Buildings, Fixed and Mobile Equipment:	\$150,000
Forest Section:	Hudson Bay

Green's Lumbering Ltd.

Address: Box 9
Love, Saskatchewan
SOJ 1P0

Telephone: 276-5745 or 276-2417

Mill Location: Love, Saskatchewan

Management: Richard and Stephen Green

Mill Capacity: Sawmill - 15 M fbm/8 hr shift
Planer mill - 25 M fbm/8 hr shift

Production 1991-92: Lumber - 143 M fbm
Pulpwood - 1800 m³

Products: Dimension lumber: 2 x 4 - 10%
2 x 6 - 18%
2 x 8 - 30%
2 x 10 - 15%
Board lumber: 1 x 4 - 7%
1 x 6 - 10%
1 x 8 - 7%
Random lengths, 92% dressed
Timbers: 3 x 12 - 3%

Products by Grade: Planed lumber, not graded

Species Utilized: wS - 94%
tA - 6%

Wood Supply: Timber permit

Average Log Haul Woods to Mill: 13 kilometres

Year Mill was Constructed or Rebuilt: 1987

Average Employment Months of Operation: Woodlands:
Own - 4 J - - - - - - - - - - D
Sawmill &
Planing Mill: 9 - - M - - - - - - - - - -

Transportation: Inputs: Truck
Products: Truck

Green's Lumbering Ltd. (continued)

Markets:	Local - 75%
	Saskatchewan - 15%
	Midwest USA - 10%
Special Services:	Cuts to customers' specifications, custom planing, V-joint and profile planing
Memberships:	Saskatchewan Council of Independent Forest Industries
Energy Supply for Mill:	Two diesel tractor units
Usage of Wood Residues:	Slabs, edgings - no use, burned
	Sawdust - no use, piled
	Shavings - agricultural use
Woodlands Equipment:	1 - C7 Tree Farmer skidder
	1 - D6C Caterpillar crawler
	1 - 846 Volvo loader
	1 - Kenworth logging truck and trailer
Mill Facilities/Equipment:	Stationary sawmill/planing complex
	1 - PA #2 sawmill with 48" circular saw and carriage
	1 - PA 5-saw edger
	1 - Resaw
	1 - Elco planer
Limiting Factors for Operation and Expansion:	Timber supply
Estimated Replacement Cost of Buildings, Fixed and Mobile Equipment:	\$180,000
Forest Section:	Prince Albert

Halland, David and Alison

Address: Box 66
 Love, Saskatchewan
 S0J 1P0

Telephone: 276-2308

Fax: 276-2308

Mill Location: Love, Saskatchewan

Management: David Halland

Mill Capacity: Sawmill - 14 M fbm/8 hr shift
 Planer mill - 14 M fbm/8 hr shift

Production 1991-92: Lumber - 250 M fbm

Products: Dimension lumber: 2 x 4 - 20%
 2 x 6 - 40%
 2 x 8 - 40%
Random lengths, kiln dried, dressed

Products by Grade: Grades 1 & 2 - 90%
 Economy - 10%

Species Utilized: jP - 45%
 wS - 30%
 tA - 10%
 wB - 10%
 tL - 5%

Wood Supply: Timber permit

Average Log Haul Woods to Mill: 15 kilometres

Year Mill was Constructed or Rebuilt: 1940

Average Employment Months of Operation: Woodlands:
 Own - 3 J F M - - - - - D
 Sawmill: 9 - - M A M - - - - -

Transportation: Inputs: Truck
 Products: Truck

Markets: Local - 60%
 Saskatchewan - 30%
 Midwestern USA - 10%

Halland, David and Alison (continued)

Special Services:	Cuts to customers' specifications, solar dry kiln
Memberships:	Saskatchewan Council of Independent Forest Industries
Energy Supply for Mill:	Diesel tractor unit
Usage of Wood Residues:	Slabs, edgings - fuelwood Sawdust - agricultural use, fertilizer Wood shavings - bedding
Woodlands Equipment:	1 - 664B Clarke skidder 1 - 9030 Ford loader
Mill Facilities/Equipment:	Stationary sawmill/planing complex 1 - PA2 circular headsaw with carriage 1 - 5-saw edger 1 - 2-saw trimmer 1 - Newman 500 planer 1 - Clement 48" resaw 1 - Solar kiln
Limiting Factors for Operation and Expansion:	Timber supply
Estimated Replacement Cost of Buildings, Fixed and Mobile Equipment:	\$140,000
Forest Section:	Prince Albert

Hamm, Wilfred

Address: Box 150
Livelong, Saskatchewan
S0M 1J0

Telephone: 845-2561

Mill Location: Livelong, Saskatchewan

Management: Wilfred Hamm

Mill Capacity: 5 M fbm/8 hr shift

Production 1991-92: Lumber - 150 M fbm

Products:

Dimension lumber:	2 x 4	-	20%
	2 x 6	-	60%
	2 x 8	-	10%
Board lumber:	1 x 4	-	2%
	1 x 6	-	3%
	1 x 8	-	3%
	1 x 10	-	2%

Random lengths, rough

Products by Grade: Mill run

Species Utilized:

wS	-	90%
tA	-	10%

Wood Supply: Timber permit

Average Log Haul Woods to Mill: 1 kilometre

Year Mill was Constructed or Rebuilt: 1982

Average Employment Months of Operation:

Woodlands:	Own	-	4	J	F	M	-	-	-	-	-	-	-	-	-	-
Sawmill:			5	-	F	M	-	-	-	-	-	-	-	-	-	-

Transportation:

Inputs:	Truck
Products:	Truck

Markets: Local - Lumber sold to L&M Wood Products

Special Services: Cuts to customers' specifications

Memberships: Saskatchewan Council of Independent Forest Industries

Hamm, Wilfred (continued)

Energy Supply for Mill:	Sawmill - Diesel tractor unit
Usage of Wood Residues:	Slabs, edgings - fuelwood Sawdust - land fill
Woodlands Equipment:	1 - D4 Caterpillar crawler 1 - Tractor loader 1 - International logging truck
Mill Facilities/Equipment:	Portable sawmill 1 - 44" circular headsaw with carriage 1 - 2-saw trim assembly
Limiting Factors for Operation and Expansion:	Timber supply
Estimated Replacement Cost of Buildings, Fixed and Mobile Equipment:	\$50,000
Forest Section:	Meadow Lake

Houde Logging Ltd.

Address: Box 162
 Choiceland, Saskatchewan
 S0J 0M0

Telephone: 428-2069

Mill Location: Choiceland, Saskatchewan

Management: Jules Houde

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

Production 1991-92: Lumber - 200 M fbm
 Pulpwood - 12,000 m³

Products:

Dimension lumber:	2 x 4	- 15%
	2 x 6	- 20%
	2 x 8	- 20%
	2 x 10	- 15%
Board lumber:	1 x 4	- 2%
	1 x 6	- 8%
	1 x 8	- 5%
Timbers:	4 x 4	- 5%
	4 x 6	- 5%
	6 x 6	- 5%

Random lengths, rough

Products by Grade: Mill run

Species Utilized: jP - 75%
 wS - 25%

Wood Supply: Timber permit - 75%
 Forest product field permit - 25%

Average Log Haul Woods to Mill: 30 kilometres

Year Mill was Constructed or Rebuilt: 1987

Average Employment Months of Operation:

Woodlands:															
Contract	-	4	J	F	M	-	M	J	J	A	S	O	N	D	
Own	-	2	J	F	M	-	M	J	J	A	S	O	N	D	
Sawmill:		4	J	F	M	A	M	J	J	A	S	O	N	D	

Transportation: Inputs: Truck
 Products: Truck

Houde Logging Ltd. (continued)

Markets:	Saskatchewan - 60%
	Local - 40%
Special Services:	Cuts to customers' specifications
Energy Supply for Mill:	Diesel power unit
Usage of Wood Residues:	Slabs, edgings - no use, burned
	Sawdust - no use, piled
Woodlands Equipment:	1 - Volvo 846 loader
	1 - Champion 600 grader
	1 - International logging truck
	1 - Peterbuilt logging truck
Mill Facilities/Equipment:	Stationary sawmill
	1 - 48" circular headsaw with carriage
	1 - 2-saw 16" edger
	1 - Resaw
	3 - 930 Case tractor loaders
Limiting Factors for Operation and Expansion:	Timber supply
Estimated Replacement Cost of Buildings, Fixed and Mobile Equipment:	\$115,000
Forest Section:	Prince Albert

Kryzanowski, Mike

Address: Box 92
Porcupine Plain, Saskatchewan
S0E 1H0

Telephone: 278-2639

Mill Location: Porcupine Plain, Saskatchewan

Management: Mike Kryzanowski

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

Production 1991-92: Lumber - 200 M fbm

Products: Dimension lumber: 2 x 4 - 10%
2 x 6 - 30%
2 x 8 - 20%
2 x 10 - 20%
Board lumber: 1 x 4 - 10%
1 x 6 - 10%
Random lengths, 20% dressed

Products by Grade: Mill run

Species Utilized: wS

Wood Supply: Timber permit

Average Log Haul Woods to Mill: 10 kilometres

Year Mill was Constructed or Rebuilt: 1982

Average Employment Months of Operation: Woodlands:
Own - 2 J F - - - - -
Mill: 2 J F - - - - -

Transportation: Inputs: Truck
Products: Truck

Markets: Local

Special Services: Cuts to customers' specifications

Memberships: Saskatchewan Council of Independent Forest Industries

Energy Supply for Mill: Diesel power unit

Kryzanowski, Mike (continued)

Usage of Wood Residues:	Slabs - agricultural use Sawdust, shavings - no use, piled
Woodlands Equipment:	1 - Timberjack 230 skidder 1 - Tree Farmer C5 skidder 1 - Case loader 2 - International loaders 2 - GM logging trucks
Mill Facilities/Equipment:	Portable sawmill/planing complex 1 - PA #3 Special with 52" circular headsaw and carriage 1 - 4-saw edger 1 - Little Giant planer
Limiting Factors for Operation and Expansion:	Timber supply
Estimated Replacement Cost of Buildings, Fixed and Mobile Equipment:	\$100,000
Forest Section:	Hudson Bay

L & D Enterprises Inc.

Address: Box 188
Love, Saskatchewan
S0J 1P0

Telephone: 276-5730

Mill Location: Love, Saskatchewan

Management: Larry Nowlin

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

Production 1991-92: Lumber - 190 M fbm
Sawlogs - 4800 m³
Pulpwood - 200 m³

Products: Board lumber: 1 x 4 - 15%
1 x 5 - 25%
1 x 6 - 28%
1 x 7 - 18%
1 x 8 - 7%
1 x 10 - 7%

Random lengths, rough

Products by Grade: Mill run

Species Utilized: wS - 70%
tA - 30%

Wood Supply: Timber permit - 75%
Purchased - 13%
Custom sawing - 12%

Average Log Haul Woods to Mill: 8 kilometres

Year Mill was Constructed or Rebuilt: 1986

Average Employment Months of Operation: Woodlands:
Own - 3 J F M - - - - - N D
Sawmill: 6 - - - A M - - - - -

Transportation: Inputs: Truck
Products: Truck

Markets: Saskatchewan

Special Services: Cuts to customers' specifications, custom sawing, speciality fence boards

L & D Enterprises Inc. (continued)

Memberships:	Saskatchewan Council of Independent Forest Industries
Energy Supply for Mill:	Diesel power unit
Usage of Wood Residues:	Slabs, edgings - no use, burned Sawdust - no use, piled
Woodlands Equipment:	1 - 664B Clarke skidder 1 - 440B John Deere skidder 1 - OMC loader
Mill Facilities/Equipment:	Stationary sawmill 1 - PA 44" circular headsaw with carriage 1 - PA 3-saw edger
Limiting Factors for Operation and Expansion:	Timber supply
Estimated Replacement Cost of Buildings, Fixed and Mobile Equipment:	\$150,000
Forest Section:	Prince Albert

LDL Sawmill

Address: R.R. #1
 North Battleford, Saskatchewan
 S9A 2X3

Telephone: 445-9937

Mill Location: Meadow Lake, Saskatchewan

Management: Larry and Lawrence Heidel, Dale Wakelin

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

Production 1991-92: Lumber - 130 M fbm

Products:

Dimension lumber:	2 x 6	-	67%
	2 x 8	-	7%
	2 x 10	-	5%
Board lumber:	1 x 10	-	8%
	1 x 12	-	6%
	1½ x 6	-	2%
	1½ x 8	-	2%
Timbers:	2 x 12	-	3%

Random lengths, rough

Species Utilized:

tA	-	83%
wS	-	10%
wB	-	4%
jP	-	3%

Wood Supply: Timber permit

Average Log Haul Woods to Mill: 8 kilometres

Year Mill was Constructed or Rebuilt: 1981

Average Employment Months of Operation:

Woodlands:																		
Own	-	3	J	F	-	-	-	-	-	-	-	-	-	-	-	-	-	D
Sawmill:		5	J	F	M	-	-	-	-	-	-	-	-	-	-	-	-	-

Transportation:

Inputs:	Truck
Products:	Truck

Markets:

Saskatchewan	-	70%
Local	-	30%

Special Services: Cuts to customers' specifications

LDL Sawmill *(continued)*

Memberships:	None
Energy Supply for Mill:	Diesel power unit
Usage of Wood Residues:	Slabs, edgings - 60% no use, burned, 40% fuelwood Sawdust - no use, piled
Woodlands Equipment:	1 - Clarke 664 Skidder
Mill Facilities/Equipment:	Stationary sawmill 1 - 52" circular saw with carriage 1 - John Deere 4020 loader
Limiting Factors for Operation and Expansion:	Timber supply
Estimated Replacement Cost of Buildings, Fixed and Mobile Equipment:	\$20,000
Forest Section:	Meadow Lake

Latimer, Archie

Address: Box 70
 Medstead, Saskatchewan
 S0M 1W0

Telephone: 342-4788

Mill Location: Medstead, Saskatchewan

Management: Archie Latimer

Mill Capacity: 7 M fbm/8 hr shift

Production 1991-92: Lumber - 300 M fbm
 Pulpwood - 850 m³

Products: Dimension lumber: 2 x 4 - 10%
 Board lumber: 1 x 4 - 2%
 1 x 6 - 3%
 Timbers: 3 x 10 - 15%
 3 x 12 - 15%
 4 x 4 - 20%
 6 x 6 - 20%
 8 x 8 - 15%
Random lengths, rough

Products by Grade: Mill run

Species Utilized: wS - 70%
 jP - 30%

Wood Supply: Timber permit

Average Log Haul Woods to Mill: 20 kilometres

Year Mill was Constructed or Rebuilt: 1980

Average Employment Months of Operation: Woodlands:
 Contract - 2 J F M - - - - - D
 Sawmill: 4 - - M A M J - - - - -

Transportation: Inputs: Truck
 Products: Truck

Markets: Saskatchewan - Lumber sold to L&M Wood Products

Special Services: Cuts to customers' specifications, timber speciality

Latimer, Archie (continued)

Memberships:	Saskatchewan Council of Independent Forest Industries
Energy Supply for Mill:	Sawmill - Diesel power unit
Usage of Wood Residues:	Slabs, edgings - no use, burned Sawdust - no use, piled
Woodlands Equipment:	1 - D8 Caterpillar crawler 1 - Western Star logging truck with trailer 1 - International logging truck with trailer
Mill Facilities/Equipment:	Stationary sawmill 1 - 52" circular headsaw with carriage 1 - P.A. edger
Limiting Factors for Operation and Expansion:	Timber supply
Estimated Replacement Cost of Buildings, Fixed and Mobile Equipment:	\$10,000
Forest Section:	Meadow Lake

Lennox, Stan

Address: Site 9, Box 42
Christopher Lake, Saskatchewan
S0J 0N0

Telephone: 982-4906

Mill Location: Christopher Lake, Saskatchewan

Management: Stan Lennox

Mill Capacity: 2 M fbm/8 hr shift

Production 1991-92: Lumber - 170 M fbm

Products:

Dimension lumber:	2 x 4	-	10%
	2 x 6	-	30%
	2 x 8	-	20%
	2 x 10	-	10%
Board lumber:	1 x 4	-	5%
	1 x 6	-	10%
	1 x 8	-	5%
	1 x 10	-	5%
Timbers:	6 x 6	-	5%

Random lengths, rough

Products by Grade: Mill run

Species Utilized:

wS	-	94%
tA	-	3%
bPo	-	3%

Wood Supply: Purchased

Average Log Haul Woods to Mill: 15 kilometres

Year Mill was Constructed or Rebuilt: 1973

Average Employment Months of Operation: Woodlands: None
Sawmill: 2 J F M A M J J A S O N D

Transportation: Inputs: Truck
Products: Truck

Markets:

Local	-	70%
Saskatchewan	-	30%

Lennox, Stan (continued)

Special Services:	Cuts to customers' specifications
Energy Supply for Mill:	Diesel tractor
Usage of Wood Residues:	Slabs, edgings - burned, 20% given away Sawdust - no use, piled
Mill Facilities/Equipment:	Stationary sawmill 1 - 42" circular headsaw and carriage 1 - tractor loader
Limiting Factors for Operation and Expansion:	Timber supply
Estimated Replacement Cost of Buildings, Fixed and Mobile Equipment:	\$20,000
Forest Section:	Prince Albert

Matton, Lorry

Address: Box 816
Hudson Bay, Saskatchewan
S0E 0Y0

Telephone: 865-2905
YP6-8349 (mobile phone)

Mill Location: Hudson Bay, Saskatchewan

Management: Lorry Matton

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

Production 1991-92: Lumber - 300 M fbm

Products: Dimension lumber: 2 x 4 - 20%
2 x 6 - 60%
Board lumber: 1 x 6 - 20%
Random lengths, 20% dressed

Species Utilized: wS

Wood Supply: Timber permit

Average Log Haul Woods to Mill: 20 kilometres

Year Mill was Constructed or Rebuilt: 1971

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

Transportation: Inputs: Truck
Products: Truck

Markets: Saskatchewan

Special Services: Cuts to customers' specifications

Memberships: None

Energy Supply for Mill: Diesel power unit

Usage of Wood Residues: Slabs, edgings - fuelwood
Sawdust, shavings - no use, piled

Matton, Lorry (continued)

Woodlands Equipment:	1 - Tree Farmer C4 Skidder 1 - International S7 Skidder 1 - Logging truck
Mill Facilities/Equipment:	Portable sawmill/planing complex 1 - 48" circular headsaw with carriage 1 - 4 saw edger 1 - 2 saw trimmer 1 - Berlin 44 planer 1 - Heap planer
Limiting Factors for Operation and Expansion:	Timber supply
Estimated Replacement Cost of Buildings, Fixed and Mobile Equipment:	\$80,000
Forest Section:	Hudson Bay

Mirond Lake Forest Products Ltd.

Address: General Delivery
 Deschambault Lake, Saskatchewan
 S0P 0C0

Telephone: 632-4608

Fax: 632-4488

Mill Location: Deschambault Lake, Saskatchewan

Management: Jack Custer, General Manager
 Stan Reid, Millwright

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

Production 1991-92: Lumber - 135 M fbm
 Pulpwood - 1450 m³

Products:

Dimension lumber:	2 x 4	-	20%
	2 x 6	-	20%
	2 x 8	-	15%
	2 x 10	-	10%
Board lumber:	1 x 4	-	10%
	1 x 6	-	10%
Timbers:	4 x 4	-	7%
	6 x 6	-	8%

Random lengths, rough

Products by Grade: Mill run

Species Utilized: wS

Wood Supply: Timber permit - 50%
 Private - 50%

Average Log Haul Woods to Mill: 3 kilometres

Year Mill was Constructed or Rebuilt: 1980

Average Employment Months of Operation:

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

Transportation:

Inputs:	Truck
Products:	Truck

Mirond Lake Forest Products Ltd. (continued)

Markets:	Saskatchewan - 85%
	Local - 15%
Special Services:	Cuts to customers' specifications
Memberships:	First Nation Forest Association Prince Albert Tribal Council
Mill Stamp:	None
Energy Supply for Mill:	Diesel power units
Usage of Wood Residues:	Slabs, edgings - 10% sold, 90% no use, burned Sawdust - no use, piled
Woodlands Equipment:	1 - 664 Clarke skidder 1 - 554 John Deere loader
Mill Facilities/Equipment:	Portable sawmill 1 - Campbell 48" circular headsaw with carriage 1 - 3-saw edger 1 - 2-saw trimmer
Limiting Factors for Operation and Expansion:	Timber supply
Estimated Replacement Cost of Buildings, Fixed and Mobile Equipment:	\$120,000
Forest Section:	La Ronge

Morgenstern, Calvin and Albert Lantz

Address: Box 448
 Loon Lake, Saskatchewan
 S0M 1L0

Telephone: 837-4532

Mill Location: Loon Lake, Saskatchewan

Management: Calvin Morgenstern and Albert Lantz

Mill Capacity: Sawmill - 20 M fbm/8 hr shift
 Planer mill - 30 M fbm/8 hr shift

Production 1991-92: Lumber - 700 M fbm
 Sawlogs - 1200 m³ fbm

Products: Dimension lumber: 2 x 4 - 3%
 2 x 6 - 4%
 2 x 8 - 4%
 2 x 10 - 2%
 2 x 12 - 1%
 Timbers: 4 x 6 - 40%
 5 x 6 - 18%
 6 x 6 - 18%
 8 x 8 - 10%
Random lengths, rough

Products by Grade: Mill run

Species Utilized: wS

Wood Supply: Purchased private - 75%
 Timber permit - 25%

Average Log Haul Woods to Mill: 1 kilometre

Year Mill was Constructed or Rebuilt: 1975

Average Employment Months of Operation: Woodlands:
 Contract - 2 J F M A M J J A S O N -
 Sawmill: 5 J F M A M J J A S O N -

Transportation: Inputs: Truck
 Products: Truck

Markets: Saskatchewan - 85% (sold to L & M Wood Products)
 Local - 15%

Morgenstern, Calvin and Albert Lantz (continued)

Special Services:	Cuts to customers' specifications, custom sawing
Energy Supply for Mill:	Diesel tractor unit
Usage of Wood Residues:	Slabs, edgings - 50% fencing, 50% no use, burned Sawdust - no use, piled
Woodlands Equipment:	1 - International skidder 1 - Houff loader 1 - International logging truck with trailer
Mill Facilities/Equipment:	Portable sawmill/planing complex 1 - 48" circular head saw with carriage 1 - 6-saw bull edger 1 - Board edger 2 - Beaver 49 planers 1 - Tractor loader
Limiting Factors for Operation and Expansion:	Timber supply
Estimated Replacement Cost of Buildings, Fixed and Mobile Equipment:	\$90,000
Forest Section:	Meadow Lake

Newton, Don

Address: Box 1539
Nipawin, Saskatchewan
S0E 1E0

Telephone: 428-2706

Mill Location: Nipawin, Saskatchewan

Management: Don Newton

Mill Capacity: Sawmill - 10 M fbm/8 hr shift
Planing mill - 3 M fbm/8 hr shift

Production 1991-92: Lumber - 140 M fbm

Products: Dimension lumber: 2 x 4 - 7%
2 x 6 - 18%
2 x 8 - 10%
Board lumber: 1 x 4 - 5%
1 x 6 - 5%
Random lengths, 50% dressed
Railway ties: No. 1 - 35%
No. 2 - 20%

Products by Grade: Mill run

Species Utilized: jP - 90%
wS - 9%
tA - 1%

Wood Supply: Timber permit

Average Log Haul Woods to Mill: 25 kilometres

Year Mill was Constructed or Rebuilt: 1970

Average Employment Months of Operation: Woodlands:
Own - 4 J F - - - - -
Sawmill: 7 - - - A M J - - - - -

Transportation: Inputs: Truck
Products: Truck

Markets: Saskatchewan - 60%
Local - 40%

Special Services: Cuts to customers' specifications

Newton, Don (continued)

Energy Supply for Mill:	Diesel tractor unit
Usage of Wood Residues:	Slabs, edgings - no use Sawdust - land fill Shavings - agricultural bedding
Woodlands Equipment:	1 - 230 Timberjack skidder 1 - 432D John Deere loader
Mill Facilities/Equipment:	Portable sawmill/planing complex 1 - 48" circular headsaw with carriage 1 - PA edger 1 - Preston planer
Limiting Factors for Operation and Expansion:	Timber supply
Estimated Replacement Cost of Buildings, Fixed and Mobile Equipment:	\$20,000
Forest Section:	Prince Albert

Noeth, Wayne and David

Address: Box 314
 Paradise Hill, Saskatchewan
 S0M 2G0

Telephone: 344-4499 or 344-4583

Mill Location: Paradise Hill, Saskatchewan

Management: Wayne and David Noeth

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

Production 1991-92: Lumber - 215 M fbm

Products:

Dimension lumber:	2 x 4	-	20%
	2 x 6	-	20%
Board lumber:	1 x 4	-	10%
	1 x 6	-	10%
	1 x 8	-	10%
Timbers:	3 x 12	-	15%
	14 x 14	-	15%

Random lengths, rough

Products by Grade: Mill run

Species Utilized: wS

Wood Supply:

Private	-	90%
Timber permit	-	10%

Average Log Haul Woods to Mill: 160 kilometres

Year Mill was Constructed or Rebuilt: 1988

Average Employment Months of Operation:

Woodlands:																			
Own	-	2	-	-	M	-	M	-	-	-	-	-	-	-	O	-	-	-	-
Sawmill:		4	-	-	M	-	M	-	-	-	-	-	-	-	-	-	-	-	-

Transportation:

Inputs:	Truck
Products:	Truck

Markets: Local

Special Services: Custom sawing, cuts to customers' specifications, special length timbers

Noeth, Wayne and David (continued)

Memberships:	Saskatchewan Council of Independent Forest Industries
Energy Supply for Mill:	Diesel power unit
Usage of Wood Residues:	Slabs, edgings - fuelwood, given away Sawdust - ground mulch, own use
Woodlands Equipment:	1 - Clarke 666B skidder 1 - Logging truck with trailer
Mill Facilities/Equipment:	Portable sawmill 1 - 52" circular headsaw with Watress carriage
Limiting Factors for Operation and Expansion:	Timber supply
Estimated Replacement Cost of Buildings, Fixed and Mobile Equipment:	\$50,000
Forest Section:	Meadow Lake

Northern Reel Co. Ltd.

Address: Box 1177
Moose Jaw, Saskatchewan
S6H 4P9

Telephone: 693-9822

Fax: 694-4349

Mill Location: Shoal Lake, Saskatchewan

Management: Brant Fullerton, Partner
Harvey Berg, Partner
Irvan Berg, Partner

Mill Capacity: Sawmill - 5 M fbm/8 hr shift

Production 1991-92: Lumber - 400 M fbm

Products:

Dimension lumber:	2 x 4	-	3%
	2 x 6	-	2%
	2 x 8	-	2%
Board lumber:	1 x 4	-	28%
	1 x 5	-	5%
	1 x 6	-	25%
	1 x 7	-	6%
	1 x 8	-	4%
	1 x 10	-	2%
Timbers:	3 x 4	-	23%

Random lengths, rough

Products by Grade: Mill run

Species Utilized:

tA	-	75%
wB	-	25%

Wood Supply: Timber permit

Average Log Haul Woods to Mill: 0.5 kilometres

Year Mill was Constructed or Rebuilt: 1986

Average Employment Months of Operation:

Woodlands:													
Contract	-	3	-	-	-	A	M	J	J	A	S	O	N
Planing Mill:	8	-	-	-	-	A	M	J	J	A	S	O	N
Sales/Office:	1	-	-	-	-	A	M	J	J	A	S	O	N

Northern Reel Co. Ltd. (continued)

Transportation:	Inputs: Skidder Products: Truck
Markets:	Saskatchewan - 75% own use in remanufacturing plant Manitoba - 25%
Special Services:	Cuts to customers' specifications
Energy Supply for Mill:	Diesel tractor unit
Usage of Wood Residues:	Slabs, edgings - no use, burned Sawdust - no use, piled
Woodlands Equipment:	None
Mill Facilities/Equipment:	Portable sawmill 1 - 42" circular sawmill with carriage 1 - Bull edger 1 - 545 Fiat loader
Limiting Factors for Operation and Expansion:	Timber supply
Estimated Replacement Cost of Buildings, Fixed and Mobile Equipment:	\$55,000
Forest Section:	Hudson Bay

Reimer Contracting Ltd.

Address: Box 187
White Fox, Saskatchewan
S0J 3B0

Telephone: 276-2018

Mill Location: White Fox, Saskatchewan

Management: Olie Reimer

Mill Capacity: Sawmill - 25 M fbm/8 hr shift
Planer mill - 100 M fbm/8 hr shift

Production 1991-92: Lumber - 400 M fbm
Pulpwood - 780 m³

Products: Dimension lumber: 2 x 4 - 10%
2 x 6 - 18%
2 x 8 - 12%
2 x 10 - 40%
Board lumber: 1 x 4 - 3%
1 x 6 - 5%
1 x 8 - 2%

Random lengths, dressed

Timbers: 4 x 6 - 3%
6 x 6 - 3%
8 x 8 - 2%
6 x 10 - 2%

Products by Grade: Standard & better - 95%
Economy - 5%
(only 2 x 10s graded)

Species Utilized: wS - 90%
jP - 10%

Wood Supply: Timber permit

Average Log Haul Woods to Mill: 160 kilometres

Year Mill was Constructed or Rebuilt: 1972

Average Employment Months of Operation: Woodlands:
Contract - 4 J F - - - - - - - - N D
Sawmill: 11 J F - - - - - - - - -
Sales/Office: 1 J F - - - - - - - - -

Reimer Contracting Ltd. (continued)

Transportation:	Inputs: Truck Products: Truck
Markets:	Local - 55% Saskatchewan - 45%
Special Services:	Cuts to customers' specifications, custom sawing
Energy Supply for Mill:	Diesel power unit
Usage of Wood Residues:	Slabs, edgings - 30% fuelwood, 70% burned Sawdust - no use, piled Shavings - agricultural bedding
Woodlands Equipment:	1 - D6 Caterpillar skidder 1 - 980 Caterpillar loader
Mill Facilities/Equipment:	Stationary sawmill/planing complex 1 - 48" circular headsaw with carriage 1 - PA edger 1 - 2-saw trim assembly 1 - A20 Yates planer 1 - 930 Caterpillar loader 1 - Lath mill
Limiting Factors for Operation and Expansion:	Timber supply
Estimated Replacement Cost of Buildings, Fixed and Mobile Equipment:	\$300,000
Forest Section:	Prince Albert

Rock Bottom Farm

Address:	Box 133 Livelong, Saskatchewan S0M 1J0		
Telephone:	845-2564		
Mill Location:	Livelong, Saskatchewan		
Management:	Vern Millard		
Mill Capacity:	Sawmill	- 6 M fbm/8 hr shift	
Production 1991-92:	Lumber	- 260 M fbm	
Products:	Dimension lumber:	2 x 4 - 10%	
		2 x 6 - 50%	
		2 x 8 - 5%	
		2 x 10 - 3%	
	Board lumber:	1 x 4 - 12%	
		1 x 6 - 8%	
		<i>Random lengths, dressed</i>	
	Timbers:	3 x 4 - 12%	
	Products by Grade:	Mill run	
	Species Utilized:	jP	- 45%
tA		- 40%	
wS		- 15%	
Wood Supply:	Timber permit	- 80%	
	Forest product field permit	- 20%	
Average Log Haul Woods to Mill:	30 kilometres		
Year Mill was Constructed or Rebuilt:	1962		
Average Employment Months of Operation:	Woodlands:		
	Own	- 3 J - - - - - - - - - - D	
	Sawmill:	4 - F M A - - J - - - - -	
Transportation:	Inputs:	Truck	
	Products:	Truck	
Markets:	Saskatchewan	- 55%	
	Local	- 35%	
	Alberta	- 10%	

Rock Bottom Farm (continued)

Special Services:	Cuts to customers' specifications, planing product profile
Memberships:	Saskatchewan Council of Independent Forest Industries
Energy Supply for Mill:	Diesel power unit
Usage of Wood Residues:	Slabs and tops - fuelwood Sawdust and shavings - agricultural use
Woodlands Equipment:	1 - 664 Clarke skidder 1 - 276 Ford loader
Mill Facilities/Equipment:	Portable sawmill 1 - 44" circular headsaw with carriage 1 - Coutts 4-saw edger
Limiting Factors for Operation and Expansion:	Timber supply
Estimated Replacement Cost of Buildings, Fixed and Mobile Equipment:	\$100,000
Forest Section:	Meadow Lake

Roy, George

Address: Box 169
Paddockwood, Saskatchewan
S0J 1Z0

Telephone: 989-4523

Mill Location: Paddockwood, Saskatchewan

Management: George Roy

Mill Capacity: Sawmill - 4 M fbm/8 hr shift

Production 1991-92: Lumber - 125 M fbm
Pulpwood - 240 m³

Products: Dimension lumber: 2 x 6 - 40%
2 x 8 - 25%
2 x 10 - 15%
Board lumber: 1 x 4 - 8%
1 x 6 - 8%
1 x 8 - 4%

Random lengths, rough

Products by Grade: Mill run

Species Utilized: wS

Wood Supply: Timber permit - 60%
Custom sawing (private) - 40%

Average Log Haul Woods to Mill: 12 kilometres

Year Mill was Constructed or Rebuilt: 1973

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

Transportation: Inputs: Truck
Products: Truck

Markets: Saskatchewan - 80%
Local - 20%

Special Services: Cuts to customers' specifications, custom sawing

Energy Supply for Mill: Diesel tractor unit

Roy, George (continued)

Usage of Wood Residues:	Slabs, edgings - fuelwood Sawdust - no use, piled
Woodlands Equipment:	1 - 540 John Deere skidder 1 - Pettibone loader 1 - 30 Houff loader 1 - Chevrolet truck with trailer
Mill Facilities/Equipment:	Portable sawmill 1 - 48" circular headsaw with carriage
Limiting Factors for Operation and Expansion:	Timber supply
Estimated Replacement Cost of Buildings, Fixed and Mobile Equipment:	\$20,000
Forest Section:	Prince Albert

Royer Trucking Ltd. *

Address: Box 1948
Maple Creek, Saskatchewan
S0N 1N0

Telephone: 662-2246

Mill Location: Maple Creek, Saskatchewan

Management: Felix Royer

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

Production 1991-92: Lumber - 600 M fbm

Products:

Dimension lumber:	2 x 4	-	8%
	2 x 6	-	15%
	2 x 8	-	15%
	2 x 10	-	7%
	2 x 12	-	3%
Board lumber:	1 x 6	-	6%
	1 x 8	-	6%

Random lengths, rough

Timbers:	4 x 4	-	7%
	4 x 6	-	10%
	5 x 6	-	8%
	6 x 6	-	10%
	8 x 8	-	5%

All timbers treated

Products by Grade: Mill run

Species Utilized:

IP	-	90%
wS	-	10%

Wood Supply: Timber permit

Average Log Haul Woods to Mill: 65 kilometres

Year Mill was Constructed or Rebuilt: 1985

Average Employment Months of Operation:

Woodlands:														
Contract	-	4	J	F	-	-	M	J	J	A	S	O	N	D
Own	-	2	J	F	-	-	M	J	J	A	S	O	N	D
Sawmill:		7	-	F	-	-	M	J	J	A	S	O	N	-
Sales/Office:		1	J	F	M	A	M	J	J	A	S	O	N	D

* For details of wood treating plant, see Royer Trucking Ltd., page 149.

Royer Trucking Ltd. (continued)

Transportation:	Inputs: Truck Products: Truck
Markets:	Local - 50% Manitoba - 40% Midwestern USA - 10%
Special Services:	Cuts to customers' specifications, custom treating
Energy Supply for Mill:	Electricity - Saskatchewan Power Corp.
Usage of Wood Residues:	Slabs, edgings - no use, burned Sawdust - agriculture
Woodlands Equipment:	1 - 1240 Volvo loader
Mill Facilities/Equipment:	Stationary sawmill 1 - Morbark sawmill with 52" circular headrig 1 - Mainland 6" edger 1 - Case grapple loader 1 - Hough lumber loader
Limiting Factors for Operation and Expansion:	Restricted timber supply
Estimated Replacement Cost of Buildings, Fixed and Mobile Equipment:	\$463,000
Forest Section:	Swift Current

Scott, Dennis

Address: Box 44
Garrick, Saskatchewan
S0J 0Z0

Telephone: 276-2368

Mill Location: Garrick, Saskatchewan

Management: Dennis Scott

Mill Capacity: Sawmill - 14 M fbm/8 hr shift

Production 1991-92: Lumber - 300 M fbm
Pulpwood - 640 m³

Products:

Dimension lumber:	2 x 4	-	15%
	2 x 6	-	20%
	2 x 8	-	25%
	2 x 10	-	25%
Board lumber:	1 x 4	-	5%
	1 x 6	-	3%
Timbers:	3 x 12	-	3%
	8 x 8	-	4%

Random lengths, dressed

Products by Grade:

Standard & better	-	90%
Economy	-	10%

Species Utilized:

wS	-	95%
jP	-	5%

Wood Supply:

Timber permit	-	57%
Private	-	33%
Custom sawing	-	10%

Average Log Haul Woods to Mill: 30 kilometres

Year Mill was Constructed or Rebuilt: 1980

Average Employment Months of Operation:

Woodlands:																			
Contract	-	3	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	D
Sawmill:		10	J	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	D

Transportation:

Inputs:	Truck
Products:	Truck

Scott, Dennis (continued)

Markets:	Manitoba - 85%
	Local - 8%
	Alberta - 7%
Special Services:	Cuts to customers' specifications, custom sawing
Energy Supply for Mill:	Diesel power unit
Usage of Wood Residues:	Slabs, edgings - fuelwood, second cut slabs
	Sawdust - no use, burned
	Shavings - agricultural use
Woodlands Equipment:	None
Mill Facilities/Equipment:	Portable sawmill
	1 - 48" circular headsaw with carriage
	1 - 3-saw edger
	1 - 2-saw trimmer
	1 - 920 Caterpillar loader
Limiting Factors for Operation and Expansion:	Timber supply
Estimated Replacement Cost of Buildings, Fixed and Mobile Equipment:	\$32,000
Forest Section:	Prince Albert

Shymanski & Sons Logging Ltd.

Address: Box 132
Smeaton, Saskatchewan
S0J 2J0

Telephone: 426-2375

Mill Location: Smeaton, Saskatchewan

Management: Ed Shymanski

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

Production 1991-92: Lumber - 150 M fbm
Pulpwood - 360 m³

Products: Board lumber: 1 x 5 - 33%
1 x 6 - 33%
1 x 7 - 14%
1 x 8 - 10%

Random lengths, rough

Railway ties: 7 x 9 - 10%

Products by Grade: Mill run

Species Utilized: jP

Wood Supply: Timber permit

Average Log Haul Woods to Mill: 15 kilometres

Year Mill was Constructed or Rebuilt: 1973

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

Transportation: Inputs: Truck
Products: Truck - 90%
Rail - 10%

Markets: Saskatchewan

Special Services: Cuts to customers' specifications, specialty fence boards

Energy Supply for Mill: Diesel tractor unit

Shymanski & Sons Logging Ltd. (continued)

Usage of Wood Residues:	Slabs, edgings - no use, burned Sawdust - no use, piled
Woodlands Equipment:	1 - 222 Clarke skidder 1 - 224 Clarke skidder 1 - International truck and self-loading trailer
Mill Facilities/Equipment:	Stationary sawmill 1 - 52" circular headsaw with carriage 1 - 8-saw bull edger 1 - 3-saw board edger 1 - Pettibone loader
Limiting Factors for Operation and Expansion:	Timber supply, pulpwood market
Estimated Replacement Cost of Buildings, Fixed and Mobile Equipment:	\$100,000
Forest Section:	Prince Albert

Shynkaruk, John

Address: Box 206
Shell Lake, Saskatchewan
S0J 2G0

Telephone: 427-4506

Mill Location: Shell Lake, Saskatchewan

Management: John Shynkaruk

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

Production 1991-92: Lumber - 168 M fbm

Products: Dimension lumber: 2 x 4 - 15%
2 x 6 - 40%
2 x 8 - 30%
2 x 10 - 15%

Random lengths, rough

Products by Grade: Mill run

Species Utilized: wS

Wood Supply: Custom sawing (timber permit)

Year Mill was Constructed or Rebuilt: 1984

Average Employment Months of Operation: Sawmill: 1 J - M - - J - A - - - -

Transportation: Inputs: Truck
Products: Truck

Markets: Local

Special Services: Custom sawing only. Cuts to customers' specifications

Energy Supply for Mill: Diesel tractor unit

Usage of Wood Residues: Slabs, edgings - 50% fuelwood, 50% no use, burned
Sawdust - no use, piled

Woodlands Equipment: None

Mill Facilities/Equipment: Portable sawmill
1 - 44" circular headsaw with carriage and 48' deck

Shynkaruk, John (continued)

Limiting Factors for Operation and Expansion:	Timber supply
Estimated Replacement Cost of Buildings, Fixed and Mobile Equipment:	\$20,000
Forest Section:	Prince Albert

Star City Colony Inc.

Address: Box 190
 Star City, Saskatchewan
 S0E 1P0

Telephone: 863-2343

Mill Location: Star City, Saskatchewan

Management: Josh Tschetter

Mill Capacity: 5 M fbm/8 hr shift

Production 1991-92: Lumber - 115 M fbm

Products:

Dimension lumber:	2 x 4	- 13%
	2 x 6	- 45%
	2 x 8	- 8%
	2 x 10	- 4%
Board lumber:	1 x 4	- 5%
	1 x 6	- 8%
	1 x 8	- 4%
Timbers:	3 x 12	- 13%

Random lengths, rough

Products by Grade: Mill run

Species Utilized: wS

Wood Supply: Purchased

Average Log Haul Woods to Mill: 100 kilometres

Year Mill was Constructed or Rebuilt: 1989

Average Employment Months of Operation: Sawmill: 10 - - M A - - - - -

Transportation:

Inputs:	Truck
Products:	Truck

Markets:

Own use	- 50%
Manitoba	- 50%

Special Services: Cuts to customers' specifications

Energy Supply for Mill: Diesel tractor unit

Star City Colony (continued)

Usage of Wood Residues:	Slabs, edgings - 50 % fuelwood, 50% piled Sawdust - agricultural
Woodlands Equipment:	None
Mill Facilities/Equipment:	Stationary sawmill 1 - 48" circular headsaw with carriage 1 - 2-saw edger 1 - Tractor loader
Limiting Factors for Operation and Expansion:	Lumber demand
Estimated Replacement Cost of Buildings, Fixed and Mobile Equipment:	\$10,000
Forest Section:	Prince Albert

Tobin Lake Farms Ltd.

Address: Box 368
Carrot River, Saskatchewan
S0E 0L0

Telephone: 768-2905

Mill Location: Carrot River, Saskatchewan

Management: Rick Morris

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

Production 1991-92: Lumber - 300 M fbm

Products:

Dimension lumber:	2 x 4	-	15%
	2 x 6	-	25%
	2 x 8	-	30%
	2 x 10	-	20%
Board lumber:	1 x 4	-	3%
	1 x 6	-	3%
	1 x 8	-	3%
<i>Random lengths, dressed</i>			
Timbers:	6 x 6	-	1%

Products by Grade:

#2 and better	-	85%
#3 economy	-	15%

Species Utilized: wS

Wood Supply: Timber permit

Average Log Haul Woods to Mill: 50 kilometres

Year Mill was Constructed or Rebuilt: 1988

Average Employment Months of Operation:

Woodlands:																			
Own	-	4	J	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mill:		12	-	-	M	A	-	-	-	-	-	-	-	-	-	-	-	-	-

Transportation:

Inputs:	Truck
Products:	Truck

Markets: Manitoba

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

Tobin Lake Farms (continued)

Memberships:	None
Energy Supply for Mill:	Diesel power unit
Usage of Wood Residues:	Slabs, edgings - no use, piled Sawdust, shavings - no use, piled
Woodlands Equipment:	1 - Case skidder 1 - Case loader 1 - International HTD 20 logging truck
Mill Facilities/Equipment:	Stationary sawmill/planing complex 1 - 48" circular headsaw with carriage 1 - Edger 2 - 2-saw trimmer 1 - planer
Limiting Factors for Operation and Expansion:	Timber supply
Estimated Replacement Cost of Buildings, Fixed and Mobile Equipment:	\$50,000
Forest Section:	Hudson Bay

Vodnoski, Ron and Wayne

Address: Box 274
 Choiceland, Saskatchewan
 S0J 0M0

Telephone: YL5-6680 (Narrow Lake Channel)

Mill Location: White Swan Lake area, Saskatchewan

Management: Wayne and Ron Vodnoski

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

Production 1991-92: Lumber - 735 M fbm
 Pulpwood - 1800 m³

Products:

Dimension lumber:	2 x 6	-	6%
	2 x 8	-	14%
	2 x 10	-	10%
Board lumber:	1 x 6	-	20%
	1 x 8	-	15%
Timbers:	3 x 5	-	15%
	3 x 8	-	10%
	3 x 10	-	10%

Random lengths, rough

Products by Grade: Mill run

Species Utilized: wS - 60%
 tA - 40%

Wood Supply: Timber permit

Average Log Haul Woods to Mill: 3 kilometres

Year Mill was Constructed or Rebuilt: 1975

Average Employment Months of Operation:

Woodlands:	Own	-	4	J	F	-	-	-	-	-	-	S	O	N	D
Mill:			6	J	F	M	A	M	-	J	J	-	-	N	D

Transportation: Inputs: Truck
 Products: Truck

Markets: Saskatchewan - 80%
 Midwestern USA - 20%

Vodnoski, Ron and Wayne (continued)

Special Services:	Cuts to customers' specifications
Memberships:	Saskatchewan Council of Independent Forest Industries
Energy Supply for Mill:	Diesel power unit
Usage of Wood Residues:	Slabs, edgings - no use, burned Sawdust - no use, piled
Woodlands Equipment:	1 - 404 Timberjack skidder 2 - 350 Timberjack skidders 1 - D7 Caterpillar tractor 1 - Michigan loader 1 - International truck 1 - Haynes tandem trailer
Mill Facilities/Equipment:	Stationary sawmill 1 - 50" circular headsaw with carriage 1 - Board edger
Limiting Factors for Operation and Expansion:	Timber supply
Estimated Replacement Cost of Buildings, Fixed and Mobile Equipment:	\$160,000
Forest Section:	Prince Albert

Wiens Logging & Sawing Co.

Address: Box 148
Carrot River, Saskatchewan
S0E 0L0

Telephone: 768-3609 - Mill
768-2911 - Home

Mill Location: Carrot River, Saskatchewan

Management: Henry Wiens

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

Production 1991-92: Lumber - 750 M fbm

Products:

Dimension lumber:	2 x 4	-	10%
	2 x 6	-	20%
	2 x 8	-	30%
	2 x 10	-	25%
Board lumber:	1 x 4	-	5%
	1 x 6	-	5%
	1 x 8	-	3%

Random lengths, 70% dressed

Timbers: 3 x 10 - 2%

Products by Grade:

Planed lumber:	#2 and better	-	85%
	Utility and economy	-	15%

Species Utilized: wS

Wood Supply: Timber permit

Average Log Haul Woods to Mill: 6 kilometres

Year Mill was Constructed or Rebuilt: 1985

Average Employment Months of Operation:

Woodlands:	Own	-	2	J	F	M	A	-	-	-	-	-	-	-	-	D
Sawmill:			9	J	F	M	A	-	J	J	-	-	-	-	-	D

Transportation:

Inputs:	Truck
Products:	Truck

Markets: Manitoba

Special Services: Cuts to customers' specifications, graded

Wiens Logging & Sawing Co. (continued)

Memberships:	Saskatchewan Council of Independent Forest Industries
Energy Supply for Mill:	Diesel power unit
Usage of Wood Residues:	Slabs, edgings - 20% fuelwood, 80% no use, burned Sawdust, shavings - hog fuel to Repap Manitoba
Woodlands Equipment:	1 - 544 John Deere loader 1 - 540 John Deere skidder 1 - D8 Caterpillar tractor
Mill Facilities/Equipment:	Stationary sawmill 1 - 52" circular headsaw with carriage 1 - Board edger 1 - 5-saw trimmer 1 - 2-saw trimmer
Limiting Factors for Operation and Expansion:	Timber supply
Estimated Replacement Cost of Buildings, Fixed and Mobile Equipment:	\$100,000
Forest Section:	Hudson Bay

Wiesner, Dennis

Address: Box 275
Muenster, Saskatchewan
S0K 2Y0

Telephone: 682-3413 Home
JR2-8084 Mobile (Cumberland)

Mill Location: Sipanok Channel, Saskatchewan

Management: Dennis Wiesner

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

Production 1991-92: Lumber - 240 M fbm

Products: Board lumber: 1-1/8 x 3 - 5%
1-1/8 x 4 - 15%
1-1/8 x 5 - 20%
1-1/8 x 6 - 25%
1-1/8 x 7 - 15%
1-1/8 x 8 - 10%
1-1/8 x 9 - 5%
1-1/8 x 10 - 5%

Random lengths, rough

Products by Grade: #1 grade - 20%
#2 grade - 30%
Framing - 50%

Species Utilized: wB

Wood Supply: Timber permit

Average Log Haul Woods to Mill: 2 kilometres

Year Mill was Constructed or Rebuilt: 1988

Average Employment Months of Operation: Woodlands:
Own - 3 J F M A - - - - - N D
Mill: 6 J F M A - - - - - N D

Transportation: Inputs: Truck
Products: Truck

Markets: Manitoba

Special Services: Cuts to customers' specifications

Wiesner, Dennis (continued)

Energy Supply for Mill:	Diesel power unit
Usage of Wood Residues:	Slabs, edgings - fuelwood Bark, sawdust - no use
Woodlands Equipment:	2 - Clarke Ranger skidders 1 - Clarke Michigan loader 1 - GM logging truck with grapple loader
Mill Facilities/Equipment:	Portable sawmill 1 - 48" circular headsaw with carriage 1 - 4-saw edger
Limiting Factors for Operation and Expansion:	Timber supply
Estimated Replacement Cost of Buildings, Fixed and Mobile Equipment:	\$120,000
Forest Section:	Hudson Bay

Wyss, Rudy and Lorne

Address: Box 101
Pierceland, Saskatchewan
S0M 2K0

Telephone: 839-4706

Mill Location: Pierceland, Saskatchewan

Management: Rudy Wyss

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

Production 1991-92: Lumber - 250 M fbm

Products: Dimension lumber: 2 x 4 - 10% (planed)
2 x 6 - 35%
2 x 8 - 35%
Board lumber: 1 x 4 - 4%
1 x 6 - 6%
Timbers: 4 x 6 - 10%
Random lengths, 90% rough

Products by Grade: Mill run

Species Utilized: wS

Wood Supply: Timber permit

Average Log Haul Woods to Mill: 60 kilometres

Year Mill was Constructed or Rebuilt: 1986

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

Transportation: Inputs: Truck
Products: Truck

Markets: Saskatchewan - 30%
Local - 70%

Special Services: Cuts to customers' specifications

Memberships: Saskatchewan Council of Independent Forest Industries

Wyss, Rudy and Lorne (continued)

Energy Supply for Mill:	Diesel power unit
Usage of Wood Residues:	Slabs, edgings - fuelwood and windbreaks Sawdust, shavings - agriculture, given away
Woodlands Equipment:	1 - 665D Clarke skidder 1 - 350 Case loader 1 - D6C Caterpillar dozer 3 - Logging trucks with tandem trailers
Mill Facilities/Equipment:	Portable sawmill/planing complex 1 - 48" circular headsaw with carriage 1 - 4-saw edger 1 - New Idea planer
Limiting Factors for Operation and Expansion:	Timber supply
Estimated Replacement Cost of Buildings, Fixed and Mobile Equipment:	\$150,000
Forest Section:	Meadow Lake

Sawmill-Planing Complexes

Less than 100 M fbm

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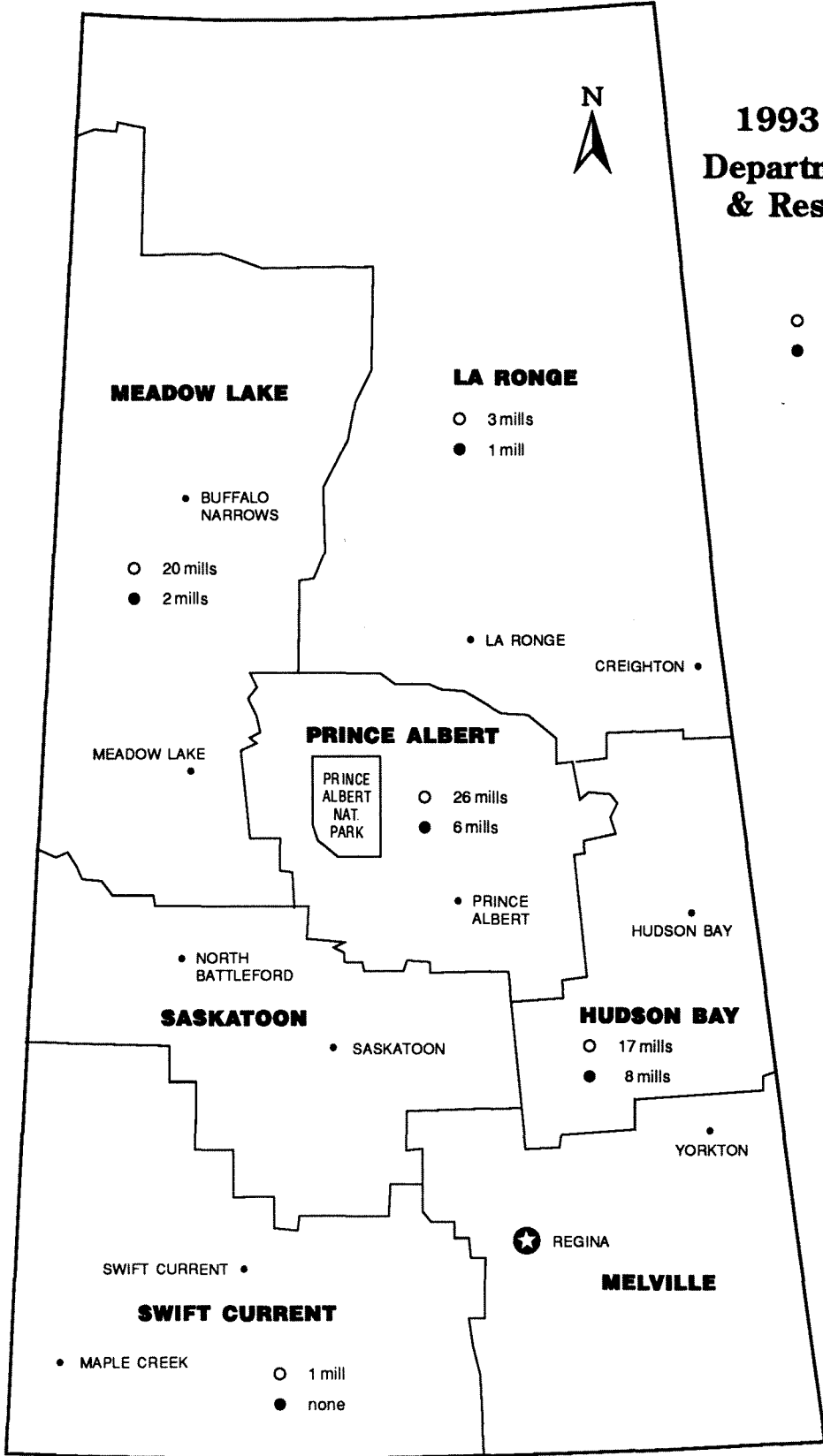


Figure 4: Sawmills producing less than 100 M fbm per year, by section

Table 1

**Sawmill-Planing Complexes
Less than 100 M fbm**

Saskatchewan Forest Regions	Number of Firms	Estimated Production (in M fbm)
Hudson Bay	25	1085
La Ronge	4	117
Meadow Lake	22	660
Melville	Nil	Nil
Prince Albert	32	1163
Saskatoon	Nil	Nil
Swift Current	1	25
Total	84	3050

Forest Region:

Hudson Bay

Name	Address	Production	
		Less than 50 M fbm	50 M fbm to 99 M fbm
Douglas, Robert*	Box 533 Hudson Bay, SK S0E 0Y0	X	
Drummond, Alvin*	Box 883 Kelvington, SK S0A 1W0	X	
Forbes, Don	Box 262 Porcupine Plain, SK S0E 1H0	X	
Galacz, Andy	Box 120 Carragana, SK S0E 0K0	X	
German, Pete	Box 68 Endeavour, SK S0A 0W0	X	
Halushka, Art*	R.R. #1 Arran, SK S0A 0B0		X
Hanson, Larry	Box 85 Okla, SK S0A 2X0		X
Holness, Rod*	Box 1 GR 40, R.R. #1 Swan River, MB R0L 1Z0		X
Homenuik, Wayne*	Box 184 Arran, SK S0A 0B0	X	
Jakubowski, William*	Box 148 Endeavour, SK S0A 0W0		X
Kinsley, Stan	Box 485 Kelvington, SK S0A 1W0	X	
Lawrence, Charlie	Box 813 Kelvington, SK S0A 1W0	X	
Lawrence, Weldon*	Box 213 Arborfield, SK S0E 0A0	X	

Forest Region: **Hudson Bay (continued)**

Name	Address	Production	
		Less than 50 M fbm	50 M fbm to 99 M fbm
Marshall, J.W.*	Box 238 Hudson Bay, SK S0E 0Y0	X	
Mazurkewich, Bohdan	Box 68 Porcupine Plain, SK S0E 1H0	X	
Pasiechnik, John	Box 159 Endeavour, SK S0A 0W0		X
Rovensky, Robert	Box 58 Prairie River, SK S0E 1J0	X	
Shevernoha, Adum*	R.R. #1 Arran, SK S0A 0B0		X
Smith, Bruce	Box 188 Arborfield, SK S0E 0A0	X	
Smith, Clifford	Box 112 Carragana, SK S0E 0K0	X	
Smook, Mike	Box 393 Sturgis, SK S0A 3B0	X	
Strijak, Nick	Box 235 Endeavour, SK S0A 0W0	X	
Walton, Richard	Box 244 Arborfield, SK S0E 0A0	X	
Zarowny, Adolf*	Box 296 Pelly, SK S0A 2Z0		X
Zsluka, John*	Box 68 Prairie River, SK S0E 1J0		X

* Membership in Saskatchewan Council of Independent Forest Industries

Forest Region:

La Ronge

Name	Address	Production	
		Less than 50 M fbm	50 M fbm to 99 M fbm
Birch Portage Forest Products Ltd.	General Delivery Pelican Narrows, SK S0P 0E0		X
Hamilton, Tom	Box 494 La Ronge, SK S0J 1L0	X	
Hillier, Robert	Box 283 Flin Flon, MB R8A 1M9	X	
Stevenson, Larry	Pelican Narrows, SK S0P 0E0	X	

Forest Region:

Meadow Lake

Name	Address	Production	
		Less than 50 M fbm	50 M fbm to 99 M fbm
Andres, David	Box 342 Livelong, SK S0J 2G0	X	
Batary, William	Box 412 Glaslyn, SK S0M 0Y0	X	
Butler, Nancy	Box 148 Loon Lake, SK S0M 1L0	X	
Egeland, Ben and Noble	Box 13 Medstead, SK S0M 1W0	X	
Epp, Jake	Box 215 Medstead, SK S0M 1W0	X	
Farslow, Doug	Box 65 Pierceland, SK S0M 2K0	X	
Fester, Robert	Box 67 Paradise Hill, SK S0M 2G0	X	
H&M Logging Ltd. (Henry King)	Box 1267 Meadow Lake, SK S0M 1V0	X	
Harriott, Dusty	Box 101 Dorintosh, SK S0M 0T0	X	
Hesterman, Robert	Box 519 Loon Lake, SK S0M 1L0	X	
McGowan, Brian	Box 429 Spiritwood, SK S0J 2M0	X	
McNaughten, Eugene	Brightsand, SK S0M 0H0	X	
McRae, Tom	Box 661 St. Walburg, SK S0M 2T0	X	

Forest Region: **Meadow Lake (continued)**

Name	Address	Production	
		Less than 50 M fbm	50 M fbm to 99 M fbm
Martin, Graham	Box 601 Lloydminster, SK S9Y 0Y7	X	
Martin, John	Box 13 Makwa, SK S0M 1N0	X	
Miller, Alwin*	Box 801 Spiritwood, SK S0J 2M0	X	
Morin, Leon	Box 223 Buffalo Narrows, SK S0M 0J0	X	
Mortan, Grant	Box 373 Loon Lake, SK S0M 1L0	X	
Muranetz, Bud	Box 153 Livelong, SK S0M 1J0	X	
Suteau, Lawrence	R.R. #1 Spiritwood, SK S0J 2M0		X
Thibault, George	Box 144 Loon Lake, SK S0M 1L0		X
Zacharias, Rodney	Box 62 Rapid View, SK S0M 2M0	X	

* Membership in Saskatchewan Council of Independent Forest Industries

Forest Region:

Prince Albert

Name	Address	Production	
		Less than 50 M fbm	50 M fbm to 99 M fbm
Aspvik, Helmer	Box 117 Paddockwood, SK S0J 1Z0		X
Bannister, Cecil	Box 209 White Fox, SK S0J 3B0	X	
Barton, Ross	Box 94 MacDowell, SK S0K 2S0	X	
Beccher, Floyd	Box 11 Kinistino, SK S0J 1H0	X	
Dowhay, Alex and Sons	General Delivery Foxford, SK S0J 0Y0	X	
Fox, Wayne	Box 381 White Fox, SK S0J 3B0		X
Francis Bros.*	Box 356 White Fox, SK S0J 3B0		X
Handberg, Torkild J.	Box 215 Paddockwood, SK S0J 1Z0	X	
Harris, Ron*	Box 182 Choiceland, SK S0J 0M0	X	
Johnson, Ted	Box 190 Big River, SK S0J 0E0	X	
Karle, John	Box 363 Codette, SK S0E 0P0	X	
Knipe, Archie	Box 455 Choiceland, SK S0J 0M0	X	

Forest Region: **Prince Albert (continued)**

Name	Address	Production	
		Less than 50 M fbm	50 M fbm to 99 M fbm
Lamontagne, Emile* and Dale Butler	Box 261 Shell Lake, SK S0J 2S0	X	
LaPointe, Grant	Box 140 MacDowell, SK S0K 2S0	X	
Lorenson, Noel	Box 59 MacDowell, SK S0K 2S0	X	
Morton, Grant	General Delivery Whelan Bay, SK S0M 3C0	X	
Neufeld, Martin	Box 46 Gronlid, SK S0E 0W0	X	
Nowlin, Lyle	Box 314 White Fox, SK S0J 3B0	X	
Nowlin, Wayne	Box 182 White Fox, SK S0J 3B0	X	
Osler, Don	Box 238 Meath Park, SK S0J 1T0	X	
Peake, Ernest	Box 417 Leask, SK S0J 1M0	X	
Pederson, Stan	Box 846 Kinistino, SK S0J 1H0	X	
Peters, Robert	Box 327 Duck Lake, SK S0K 1J0		X
Praski, Zigmund	Box 34 Fairy Glen, SK S0E 0T0	X	
Riemer, William* (Kevin Newton)	Box 261 Meath Park, SK S0J 1T0	X	

Forest Region: **Prince Albert (continued)**

Name	Address	Production	
		Less than 50 M fbm	50 M fbm to 99 M fbm
Runn, Michael	Box 326 White Fox, SK S0J 3B0	X	
Seilstad, Vince	Box 75 McKague, SK S0E 0Z0	X	
Stensrud Sawmill (Ross King)	Box 332 Chiceland, SK S0J 0M0	X	
Stieb, John R.	Box 278 Leask, SK S0J 1M0	X	
T&P Wood	Box 85 Chiceland, SK S0J 0M0		X
Toews, Doug; Murray Solsten and Darwin Bowman	Box 431 Melfort, SK S0E 1A0	X	
Vickaryous, Lorne and Wayne Craven	Box 22 White Fox, SK S0J 3B0		X

* Membership in Saskatchewan Council of Independent Forest Industries

Forest Region:

Swift Current

Name	Address	Production	
		Less than 50 M fbm	50 M fbm to 99 M fbm
Demchenko, Mark	Box 1721 Maple Creek, SK S0N 1N0	X	

Independent Planing Mills

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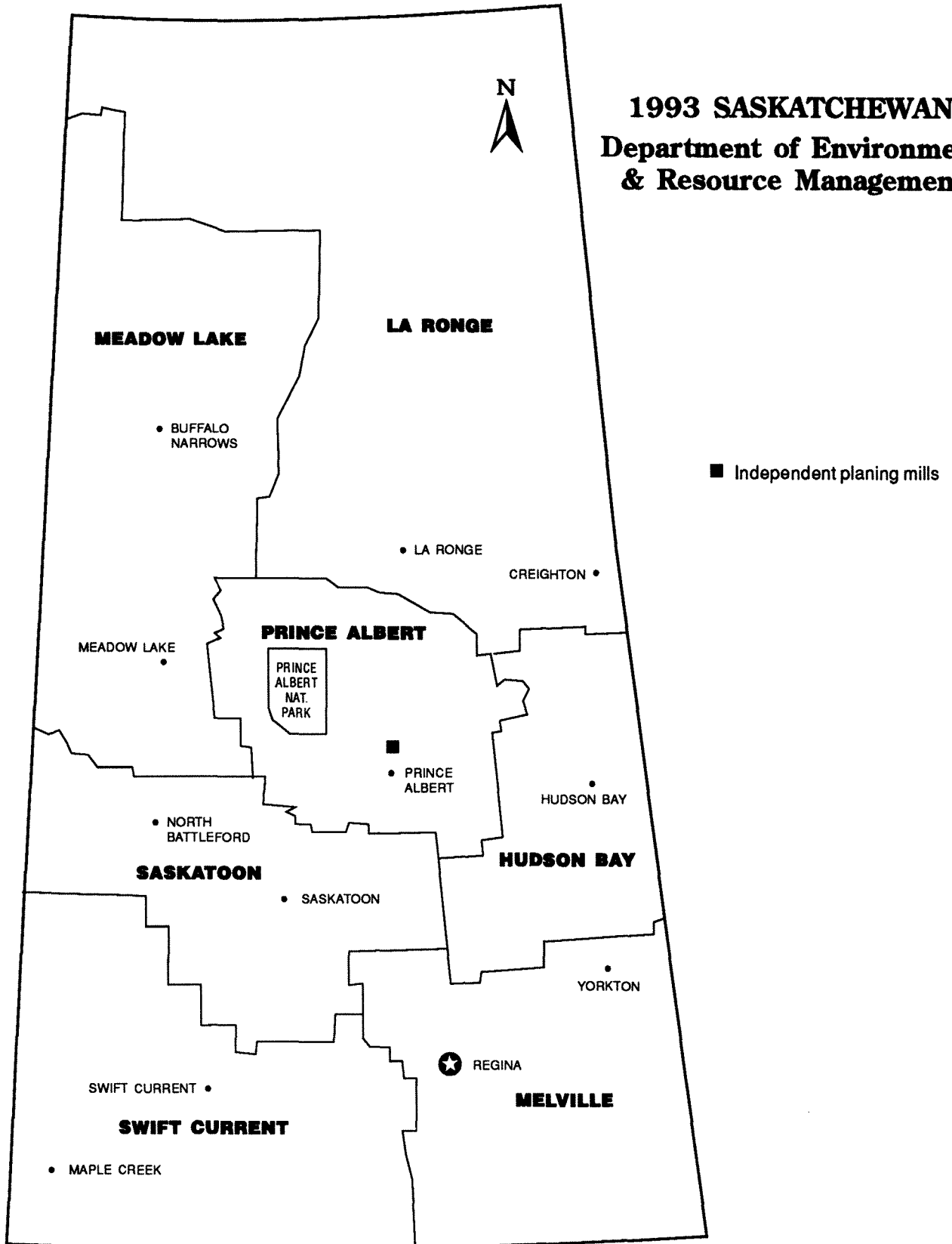


Figure 5: Location of independent planing mills

Independent Planing Mills

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Zelensky Bros. Ltd.	136

Zelensky Bros. Ltd.

Address: R.R. #4
Prince Albert, Saskatchewan
S6V 5R2

Telephone: 929-4482

Mill Location: Portable mill - operates in Prince Albert Region

Mill Management: Brian Zelensky

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

Production 1991-92: 2.5 MM fbm

Products:

Dimension lumber:	2 x 4	- 20%
	2 x 6	- 20%
	2 x 8	- 15%
	2 x 10	- 40%
Board lumber:	1 x 4	- 2%
	1 x 6	- 2%
	1 x 8	- 1%

Random lengths, dressed

Products by Grade:

#2 and better	- 80%
#3	- 10%
Economy	- 10%

Species Utilized:

wS	- 90%
jP	- 10%

Wood Supply: Custom planing only

Year Mill was Constructed or Rebuilt: 1960

Average Employment Months of Operation: Planing Mill: 5 - - - - - J J A S - - -

Transportation:

Inputs:	Truck
Products:	Truck

Markets:

Saskatchewan	- 50%
Manitoba	- 20%
Midwestern USA	- 20%
Local	- 10%

Special Services: Custom planing only, lumber dressed to customers' specifications, graded, poly under first tier

Zelensky Bros. Ltd. (continued)

Memberships:	Central Forest Products Association
Mill Stamp:	CFPA #16
Energy Supply for Mill:	Diesel power unit
Usage of Wood Residues:	Shavings - 30% agricultural use, 70% no use, burned
Mill Facilities/Equipment:	Portable planing mill 1 - Alco planer 1 - Alco 36" resaw 1 - Trim saw assembly 1 - 2100 Allis Chalmers stationary power unit 1 - 910 Caterpillar loader 1 - 35' flatdeck trailer 1 - Mobile house trailer 1 - One ton truck 1 - Portable sawmill with 48" circular headsaw 1 - 4" x 48" Coutts edger 1 - 3-saw trim saw
Limiting Factors for Operation and Expansion:	Market fluctuations, lumber shortage
Estimated Replacement Cost of Buildings, Fixed and Mobile Equipment:	\$150,000
Forest Section:	Prince Albert

Wood Treating Plants

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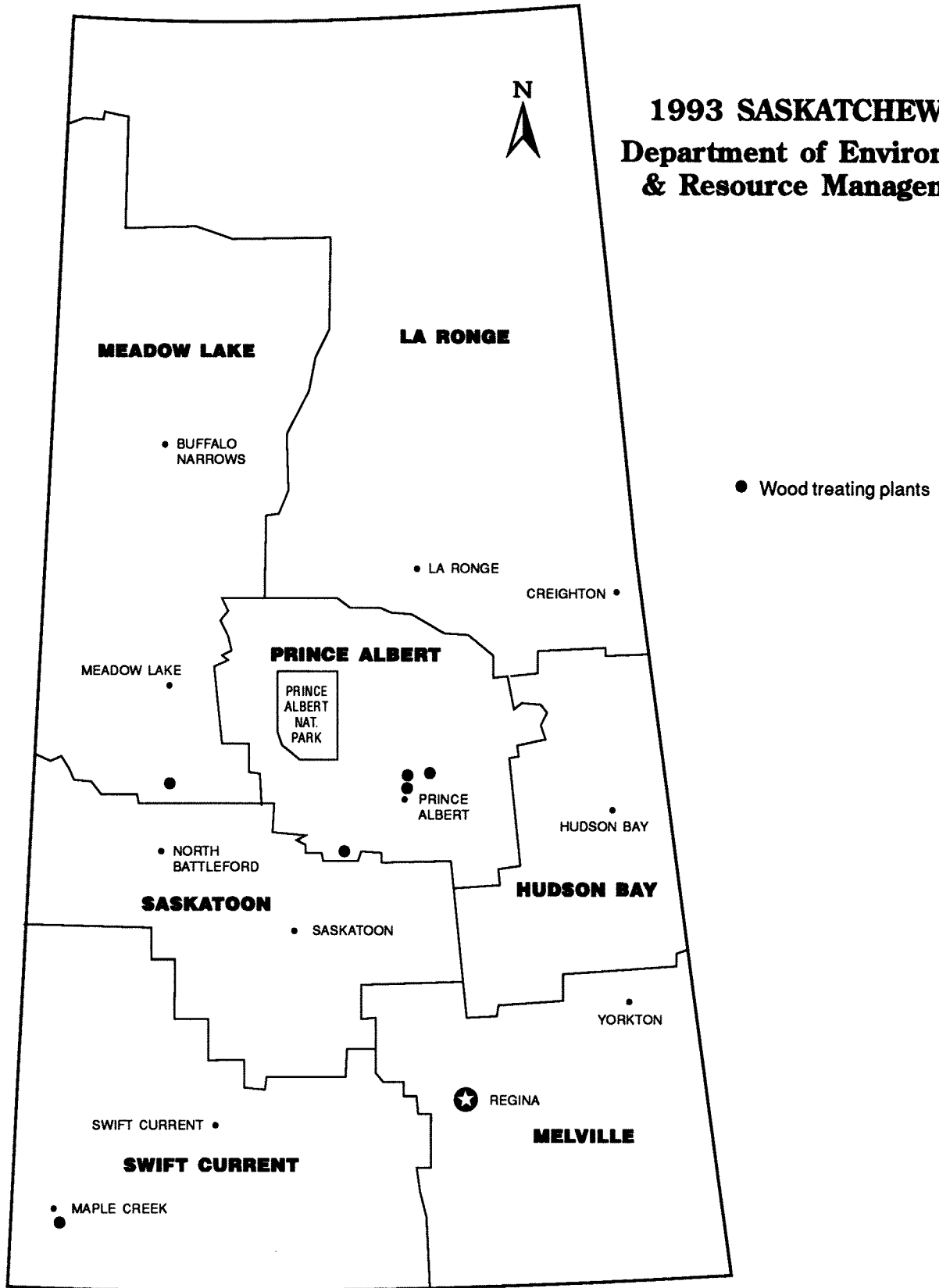


Figure 6: Location of wood treating plants

Wood Treating Plants

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Aallcann Wood Preservers	142
L & M Wood Products (1985) Ltd. (<i>Wood Treating Plant</i>)	144
Lehner Wood Preservers Co. Ltd.	145
Pineland Wood Preservers Ltd.	147
Royer Trucking Ltd. (<i>Wood Treating Plant</i>)	149
Vermette Wood Preservers Ltd.....	151

Aalcan Wood Preservers

Address: Box 1597
 Prince Albert, Saskatchewan
 S6V 5T2

Telephone: 763-4226

Fax: 763-4203

Mill Location: 26 kilometres northeast of Prince Albert, Saskatchewan

Mill Management: Bob Romanchuk

Mill Capacity: Treating plant - 250 m³/8 hr shift
 Post peeler - 5.0 M posts/8 hr shift

Production 1991-92: Treated roundwood - 13.2 M m³
 Pulpwood - 2.4 M m³

Products: Treated fence posts: 2-3" - 10%
 4-5" - 50%
 5-6" - 20%
 6-8" - 10%

6-16 foot lengths

Rails: - 10%

Up to 16 foot lengths

Species Utilized: jP - 91%
 bS - 9%

Preservatives Used: Chromated copper arsenate and water mix - 60%
 Creosote and diesel fuel mix - 40%

Wood Supply: Purchased - 95%
 Timber permit - 5%

Average Log Haul Woods to Mill: 250 kilometres

Year Mill was Constructed or Rebuilt: 1980

Average Employment Months of Operation: Woodlands:
 Contract - 25 J F M A M J J A S O N D
 Mill: 18 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

Aallcann Wood Preservers (continued)

Markets: Saskatchewan - 35%
Midwestern USA - 30%
Alberta - 18%
Manitoba - 17%

Special Services: Unit strapped, treated to customers' specifications

Memberships: Saskatchewan Council of Independent Forest Industries
Saskatchewan Forestry Association

Trade Name: Aallcann Wood

Energy Supply for Mill: Electricity - self-generated
- Saskatchewan Power Corp.

Usage of Wood Residues: Bark, peelings - no use, piled

Woodlands Equipment: 2 - 664B Clarke skidders
1 - Timberjack skidder
1 - 1240 Volvo loader
1 - Melroe loader
2 - Champion graders
4 - Logging trucks with trailers

Mill Facilities/Equipment: Treating plant
2 - Augustine post peeler
2 - Sharpeners
2 - Domers
1 - 7' x 7' x 25' open treating tank with furnace (thermal heating)
1 - 7' x 61' pressure treating plant
1 - Truck and trailer
1 - 55 Michigan loader
1 - Power diesel generator

**Limiting Factors for
Operation and Expansion:** Timber supply

**Estimated Replacement Cost of Buildings,
Fixed and Mobile Equipment:** \$1,000,000

Forest Section: Prince Albert

L & M Wood Products (1985) Ltd.*
(Wood Treating Plant)

Address: Box 149
 Glaslyn, Saskatchewan
 S0M 0Y0

Telephone: 342-2080

Fax: 342-4707

Mill Location: Glaslyn, Saskatchewan

Mill Management: Gary Delaine

Mill Capacity: Pressure treating plant - 155 m³/8 hr shift
 Post peeler - 3.0 M posts/8 hr shift

Production 1991-92: Treated lumber - 430 M fbm
 Treated roundwood - 6.1 M m³

Products: Treated dimension lumber: - 10%
 Treated timbers: - 14%
 Treated fence posts: 3-5" - 5%
 4-6" - 11%
 5-8" - 16%

6-8 foot lengths

Treated building poles: - 44%

Species Utilized: jP

Preservatives Used: Chromated copper arsenate and water mix

Average Employment Months of Operation: Treating
 Plant: 1 - - - A M J J A S O - -

Special Services: Custom wood treating

Memberships: American Wood Preservers' Association

Mill Facilities/Equipment: 1 - Morbark post peeler
 2 - Sharpeners
 1 - 7' x 42' pressure treating cylinder

Forest Section: Meadow Lake

* For further details, see L & M Wood Products (1985) Ltd., page 15.

Lehner Wood Preservers Co. Ltd.

Address: 2690 4th Avenue West
 Prince Albert, Saskatchewan
 S6V 5Y9

Telephone: 763-4232

Fax: 763-8999

Mill Location: 5 kilometres north of Prince Albert, Saskatchewan

Mill Management: Ron Lehner

Mill Capacity: Pressure treating plant - 10.0 M posts/day
 Post peeler - 12.0 M posts/day

Production 1991-92: Treated roundwood - 27.4 M m³
 Pulpwood - 84.2 M m³

Products: Treated fence posts: 3-4" - 75%
 4-5" - 5%
 5-6" - 5%
 6-7" - 5%
 8-9" - 5%

6-12 foot lengths
 Custom treating - 5%

Products by Grade: jP

Species Utilized: Pentachlorophenol and fuel oil mix

Wood Supply: Timber permit

Average Log Haul Woods to Mill: 180 km

Year Mill was Constructed or Rebuilt: 1974

Average Employment Months of Operation: Woodlands:
 Own - 20 J F M A M J J A S O N D
 Planing Mill: 35 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

Lehner Wood Preservers Co. Ltd. (continued)

Markets: Saskatchewan - 80%
Midwestern USA - 10%
Alberta - 5%
British Columbia - 5%

Special Services: Pressure treated to customers' specifications, stamped, unit strapped.
Custom treating.

Memberships: Saskatchewan Council of Independent Forest Industries
Saskatchewan Forestry Association

Trade Name: LWP

Energy Supply for Mill: Natural gas - Saskatchewan Power Corp.
Electricity - Saskatchewan Power Corp.

Usage of Wood Residues: Bark peelings - agricultural bedding at ethanol plant

Woodlands Equipment:
1 - Caterpillar with Vulcan shears
1 - Delimber
2 - 966 Caterpillar loaders
3 - Kenworth trucks with trailers

Mill Facilities/Equipment:
Treating plant
3 - Post peelers
8 - Sharpeners
5 - Domers
2 - Cut-off saws
1 - 7' x 120' pressure treating plant
1 - 6' x 37' pressure treating tank
4 - 960 Caterpillar
1 - Bumer

**Limiting Factors for
Operation and Expansion:** None

**Estimated Replacement Cost of Buildings,
Fixed and Mobile Equipment:** \$3,500,000

Forest Section: Prince Albert

Pineland Wood Preservers Ltd.

Address: 547 - 5th Street East
Prince Albert, Saskatchewan
S6V 0L9

Telephone: 764-7523

Mill Location: Duck Lake, Saskatchewan

Mill Management: Keith Ross and Carl Paul

Mill Capacity: Treating Plant - 25 m³/8 hr shift
Peeling Plant - 3.0 M posts/8 hr shift

Production 1991-92: Treated roundwood - 800 m³

Products: Treated fence posts: 2-3" - 15%
3-4" - 30%
5-7" - 55%

6-7 foot lengths

Species Utilized: jP

Preservatives Used: Creosote and diesel fuel mix

Wood Supply: Purchased

Average Log Haul Woods to Mill: 35 kilometres

Year Mill was Constructed or Rebuilt: 1991

Average Employment Months of Operation: Treating Plant: 3 - - - - - J A S O N -

Transportation: Inputs: Truck
Products: Truck

Markets: Manitoba - 70%
Saskatchewan - 20%
Local - 10%

Special Services: Unit strapped

Energy Supply for Mill: Diesel tractor unit

Usage of Wood Residues: Bark, peelings - land fill

Woodlands Equipment: None

Pineland Wood Preservers Ltd. (continued)

Mill Facilities/Equipment:

Treating plant
1 - Open treating tank
1 - Post peeler
1 - Sharpener
1 - Domer
2 - Diesel tractors

**Limiting Factors for
Operation and Expansion:**

Timber supply, market fluctuations

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

\$10,000

Forest Section:

Prince Albert

Royer Trucking Ltd. *
(Wood Treating Plant)

Address: Box 1948
Maple Creek, Saskatchewan
S0N 1N0

Telephone: 662-2246

Mill Location: Maple Creek, Saskatchewan

Mill Management: Felix Royer

Mill Capacity: Treating Plant - 75 m³/8 hr shift

Production 1991-92: Treated roundwood - 2.8 M m³
Treated lumber - 240 M fbm

Products: Treated fence posts: 2-3" - 5%
3-4" - 10%
5-6" - 25%

6-10 foot lengths

Treated timbers: 4 x 4 - 5%
4 x 6 - 8%
5 x 6 - 6%
6 x 6 - 7%
8 x 8 - 4%

Random lengths, rough

Utility poles: - 30%

Up to 50 foot lengths

Species Utilized: IP - 90%
wS - 10%

Preservatives: Chromated copper arsenate and water mix

Wood Supply: Timber permit

Year Mill was Constructed or Rebuilt: 1980

Markets: Local - 50%
Manitoba - 40%
Midwestern USA - 10%

Special Services: Pressure treated to Canadian Standards Association specifications

Memberships: Canadian Institute of Treated Wood

* For further details, see Royer Trucking Ltd., page 100.

Royer Trucking Ltd. (Wood Treating Plant) (continued)

Mill Facilities/Equipment:

Treating plant

1 - 5' x 60' Brown Boiler pressure treating tank

1 - Post peeler

**Limiting Factors for
Operation and Expansion:**

Restricted timber supply

Forest Section:

Swift Current

Vermette Wood Preservers Ltd.

Address: Box 128
Spruce Home, Saskatchewan
S0J 2N0

Telephone: 764-4054
1-800-667-0094 - Toll Free

Mill Location: Spruce Home, Saskatchewan

Owners: Gilbert and Archie Vermette

Mill Management: Gilbert Vermette, Manager

Mill Capacity: Treating plant - 4.0 M posts/day
Post peeling - 9.0 M posts /day

Production 1991-92: Treated roundwood - 17.8 M m³

Products: Treated fence posts: 2-3" - 30%
4-5" - 45%
5-6" - 20%

6 foot lengths
Rails: - 5%

Up to 16 foot lengths

Preservatives Used: Pentachlorophenol and pole treating oil

Species Utilized: jP - 95%
bS - 5%

Wood Supply: Timber permit - 90%
Purchased - 10%

Average Log Haul Woods to Mill: 200 kilometres

Year Mill was Constructed or Rebuilt: 1975

Average Employment Months of Operation: Woodlands:
Contract - 30 J F M A M J J A S O N D
Treating plant: 25 J F M A M J J A S O N -
Sales/Office: 2 J F M A M J J A S O N D

Transportation: Inputs: Truck
Products: Truck

Vermette Wood Preservers Ltd. (continued)

Markets:	Saskatchewan - 30%
	Manitoba - 30%
	Alberta - 25%
	Midwestern USA - 15%
Special Services:	Pressure treated fence posts, unit, strapped
Memberships:	Canadian Federation of Independent Businesses
Trademark:	VWP
Energy Supply for Mill:	Electricity - Saskatchewan Power Corp.
	Natural gas - Saskatchewan Power Corp.
Usage of Wood Residues:	Bark, peelings - fuel pellet stock - 80%
	- agricultural and horticultural bedding - 10%
	- landfill - 10%
Mill Facilities/Equipment:	3 - Post peelers
	3 - Sharpeners
	1 - Pole peeler
	1 - 7' x 50' pressure treating tank
	1 - 20 Case loader
	1 - 920 Caterpillar loader
	1 - Pettibone loader
Limiting Factors for Operation and Expansion:	Wood supply
Estimated Replacement Cost of Buildings, Fixed and Mobile Equipment:	\$950,000
Forest Section:	Prince Albert

**Pulp and Paper, Oriented Strandboard
and Plywood Mills**

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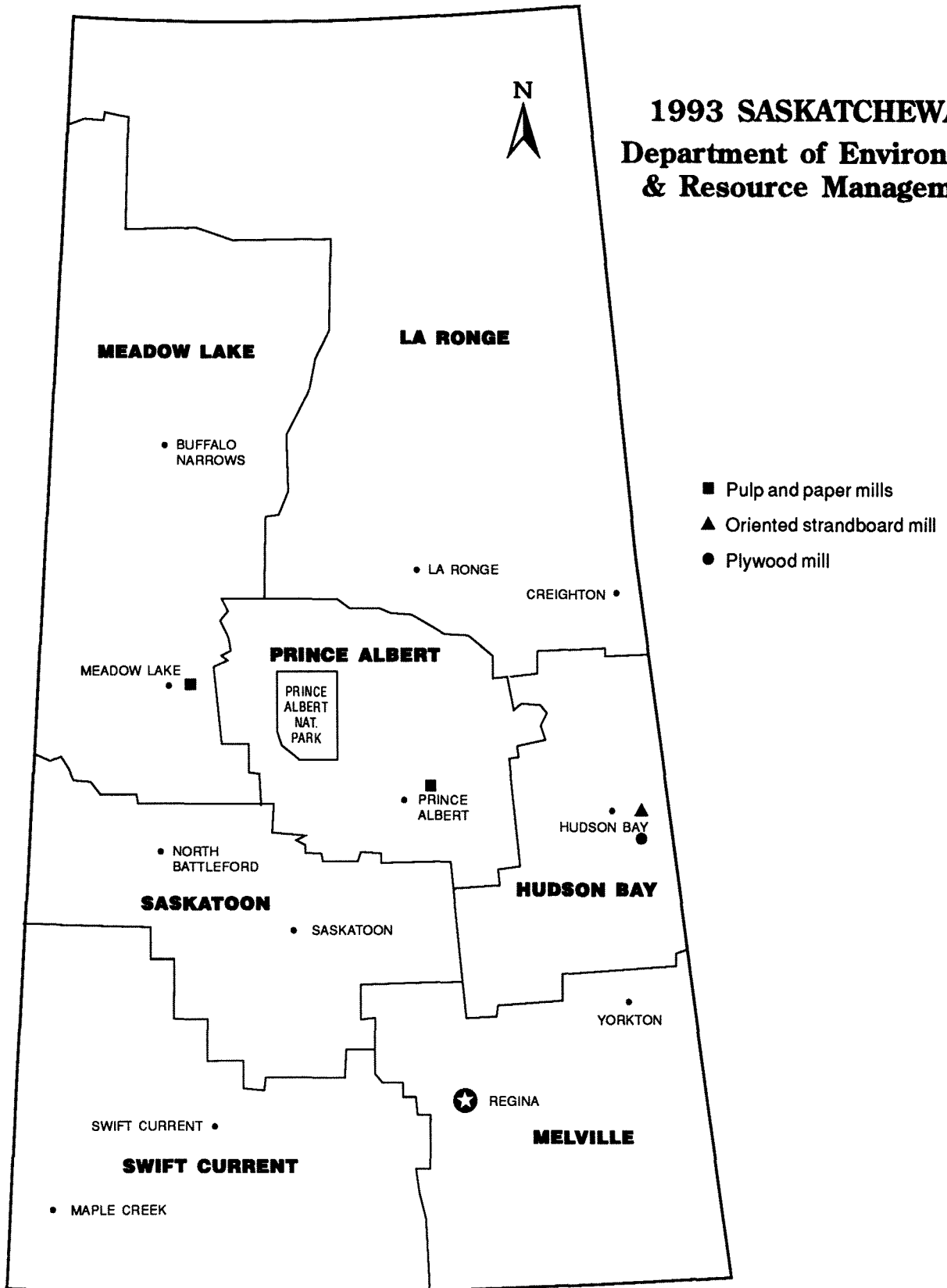


Figure 7: Location of pulp and paper, oriented strandboard and plywood mills

Pulp and Paper, Oriented Strandboard and Plywood Mills

	Page
MacMillan Bloedel Industries Ltd.	156
Millar Western Pulp (Meadow Lake) Ltd.	159
Saskatchewan Forest Products Corp. <i>(Hudson Bay Plywood Division)</i>	162
Weyerhaeuser Canada Ltd.	165

MacMillan Bloedel Industries Ltd.

Address: Box 460
Hudson Bay, Saskatchewan
S0E 0Y0

Telephone: 865-2212

Fax: 865-2610

Mill Location: Hudson Bay, Saskatchewan

Owners: MacMillan Bloedel Ltd.
925 West Georgia Street
Vancouver, B.C.
V6C 3L2

Mill Management: John Didula, Resident Manager
Ron Smith, Production Manager
Robert Brooks, Woodlands Manager

Mill Capacity: Imperial - 1.2 MM ft² (1/16" basis)/8 hr shift
Metric - 176.4 M m² (1 mm basis)/8 hr shift

Production 1991-92: Oriented strandboard - 950 MM ft² (1/16" basis)

Products: Oriented strandboard: 1/4" - 33%
5/16" - 2%
3/8" - 21%
7/16" - 38%
1/2" - 3%
5/8" - 2%
3/4" - 1%

Products by Grade: Sheathing panels: 1st grade - 95%
Shop grade - 5%

Species Utilized: tA - 86%
bPo - 14%

Wood Supply: Forest management licence agreement - 97%
Purchased - 3%

Average Log Haul Woods to Mill: 65 kilometres

Year Mill was Constructed or Rebuilt: 1959

MacMillan Bloedel Industries Ltd. (continued)

Average Employment Months of Operation: Woodlands:
 Contract - 125 J F M - - J J A S - N D
 Own - 5 J F M A M J J A S O N D
 Oriented
 strandboard: 122 J F M A M J J A S O N D
 Office/Sales: 8 J F M A M J J A S O N D
 Mill runs: Two 12-hour shifts per day, five days per week

Transportation: Inputs: Truck
 Products: Rail - 53%
 Truck - 47%

Markets: North Central USA - 26%
 Manitoba - 20%
 Saskatchewan - 15%
 Western USA - 11%
 Southern USA - 8%
 Midwest USA - 7%
 Alberta - 5%
 Maritimes - 5%
 Ontario - 3%

Special Services: Tongue and groove, end coated, cuts to customers' specifications, unit strapped; graded to Canadian Standards Association specifications

Memberships: The Structural Board Association
 Canadian Institute of Forestry

Trademark: Aspenite

Energy Supply for Mill: Steam - self-generated
 Electricity - Saskatchewan Power Corp.
 Natural gas - Saskatchewan Power Corp.

Usage of Wood Residues: Chips, sawdust, bark - hog fuel - 40% own use
 - 60% Repap

Woodlands Equipment:
 1 - Tanquay loader
 2 - 966C Caterpillar loaders with buckets
 2 - 966D Caterpillar loaders with grapples
 1 - 966C Caterpillar loaders with grapples
 2 - 14G Caterpillar graders
 1 - Case backhoe
 1 - D7F Caterpillar dozer

MacMillan Bloedel Industries Ltd. (continued)

Mill Facilities/Equipment:	Oriented strandboard plant 2 - Manitowoc debarkers 2 - Waferizers 4 - Heil dryers 1 - Dominion Bridge, 14 open hydraulic press 1 - Washington Iron Works, 18 open hydraulic press 1 - Trim saw assembly 1 - Kimwood sander 1 - Babcock and Wilcox 550 hp boiler 1 - Saskatoon 100 hp boiler
Limiting Factors for Operation and Expansion:	Distance from market, market fluctuations
Estimated Replacement Cost of Buildings, Fixed and Mobile Equipment:	\$85,000,000
Forest Section:	Hudson Bay

Millar Western Pulp (Meadow Lake) Ltd.

Address: Box 3220
Meadows Lake, Saskatchewan
S0M 1V0

Telephone: 236-2444

Fax: 236-4880

Mill Location: Meadow Lake, Saskatchewan

Owners: Millar Western Industries Ltd.
Box 279
Edmonton, AB T5J 2J1
Telephone: (403) 486-2444

Woodlands Management: Mistik Management Ltd.
Barry Peel, Woodlands Manager

Mill Management: John Eccleston, Mill Manager
Bob Leslie, Operations Manager
Lyle Battenfelder, Administration Manager
Fritz Gajetzki, Maintenance Manager

Mill Capacity: Pulp mill - 700 air dried metric tonnes/day

Production 1991-92: Pulp - 240 M air dried metric tonnes

Products: Alkaline peroxide pulp
Bleached chemi-thermomechanical pulp

Products by Grade: N/A

Species Utilized: tA

Wood Supply: Forest Management Licence Agreement
(Wood procured through Mistik Management Ltd.)

Average Log Haul Woods to Mill: 120 kilometres

Year Mill was Constructed or Rebuilt: 1991

Average Employment Months of Operation: Woodlands: (Employment prorated with Norsask Forest Products Ltd.)
Contract - 68 J F M - - J J A S O N D
Own - 5 J F M A M J J A S O N D
Pulp Mill: 184 J F M A M J J A S O N D

Millar Western Pulp (Meadow Lake) Ltd. (continued)

Transportation:	Inputs: Truck
	Products: Rail - 35%
	Rail and Ship - 65%
Markets:	Europe - 50%
	Midwestern USA - 36%
	Pacific Rim - 10%
	Mexico - 3%
	Eastern Canada - 1%
Special Services:	Custom production of pulp to customers' specifications
Memberships:	Saskatchewan Forestry Association
Trade Name:	Millar Western APP Whitecote
Energy Supply for Mill:	Steam - self-generated
	Electricity - Saskatchewan Power Corp.
	Natural gas - Saskatchewan Power Corp.
Usage of Wood Residues:	Sludge and bark used in energy conversion
Woodlands Equipment:	None - Wood procurement contracted through Mistik Management Ltd.
Mill Facilities/Equipment:	CTMP pulpmill complex
	Log Handling
	1 - Kranco portal crane
	1 - Conveyor system
	2 - Nicholson two ring debarker
	2 - Nicholson 85" chipper
	Chip Handling
	1 - Conveyor system
	2 - BM&M chip screens
	1 - Consilium Bulk ship silo
	Hog Handling
	1 - Conveyor system
	1 - Olivine incinerator
	Pulping
	6 - Hymac plug screw feeders
	6 - Hymac impregnators
	5 - Hymac 64" refiners
	11 - Thune-Hymac screw presses
	8 - Hooper screens
	2 - Celleco disc filters

Millar Western Pulp (Meadow Lake) Ltd. (continued)

Mill Facilities/Equipment: (continued)

Pulping (continued)

- 4 - Sunds twin roll presses
- 2 - Hymac re-pulpers
- 2 - Celleco cleaner systems

Pulp Drying and Finishing

- 4 - A & B Nelsen fluffers
- 2 - Flakt lines flash dryers
- 3 - Sunds slab presses
- 2 - Sunds bale presses
- 4 - Ovalstrapping tying machines
- 2 - Ovalstrapping unityres
- 2 - Toledo scales
- 2 - Sunds finishing lines

Water and Effluent Treatment and Recycle

- 2 - Krofta clarifiers
- 1 - Phoenix twin wire sludge press
- 1 - Emco clarifier
- 1 - Dorr-Oliver clarifier
- 3 - RCC evaporators
- 2 - RCC concentrators
- 1 - B&W recovery boiler
- 1 - Heatech package boiler
- 3 - Roots blowers
- 1 - Environmental Elements precipitation
- 1 - Cleaner Brooks de-aerator
- 2 - Disep R.O. units
- 3 - Disep zeolite softener system
- 3 - Marley cooling towers

Limiting Factors for Operation and Expansion:

Timber supply

Estimated Replacement Cost of Buildings, Fixed and Mobile Equipment:

N/A

Forest Section:

Meadow Lake

Saskatchewan Forest Products Corp.
(Hudson Bay Plywood Division)

Address: Box 40
Hudson Bay, Saskatchewan
SOE 0Y0

Telephone: 865-2201

Fax: 865-2336

Mill Location: Hudson Bay, Saskatchewan

Owners: A Crown Corporation of the Government of Saskatchewan

Woodlands Management: Dale Vizina, General Manager

Mill Management: Len Pelletier, Plant Manager
Allen Malfair, Maintenance Superintendent
Fred Hachey, Comptroller
Larry Luciw, Marketing Manager

Mill Capacity: 180 M ft² (3/8" basis)/8 hr shift

Production 1991-92: Plywood - 85 MM ft² (3/8 basis)
Wood chips - 50 M m³

Products: Plywood: 3/8" - 30%
1/2" - 30%
5/8" - 30%
3/4" - 10%

Products by Grade: Select sheathing - 22%
Standard sheathing - 66%
D-grade - 12%

Species Utilized: wS - 95%
bS - 3%
jP - 2%

Wood Supply: Timber permit - 94%
Purchased - 6%

Average Log Haul Woods to Mill: 90 kilometres

Year Mill was Constructed or Rebuilt: 1975

Saskatchewan Forest Products Corp. (Hudson Bay Plywood Division)
(continued)

Average Employment Months of Operation: Woodlands:
 Contract - 125 J F M - - - - - O N D
 Own - 5 J F M A M J J A S O N D
 Plywood plant: 185 J F M A M J J A S O N D
 Sales/Office: 9 J F M A M J J A S O N D

Transportation: Inputs: Truck
 Products: Rail - 90%
 Truck - 10%

Markets: Ontario - 40%
 Quebec - 34%
 Maritimes - 15%
 Saskatchewan - 8%
 Manitoba - 3%

Special Services: Graded, stamped, unit strapped and packaged

Memberships: Western Plywood Manufacturers Association

Mill Stamp: WPS #33

Trademark: SASKPLY

Energy Supply for Mill: Electricity - Saskatchewan Power Corp.
 Natural gas - Saskatchewan Power Corp.
 Wood waste - 10% of heat requirement

Usage of Wood Residues: Bark - no use, burned
 Waste veneer - hog fuel for heat exchange system
 Peeler cores - studs and wood chips (Carrot River Sawmill)

Plant Facilities/Equipment: Plywood plant
 1 - 30" Camio debarker
 1 - Premier 8' lathe with 42" swing
 1 - Durand rotary clipper
 3 - Durand sheet stackers
 2 - Prentice gas-fired dryers
 3 - Conventional spreaders
 1 - Lamb-Cargate glue mixer
 1 - Black-Clawson veneer chipper
 1 - Globe prepress
 1 - Durand press loader and unloader
 1 - Burrard 36 opening hot press
 1 - Durand saw feed assembly
 1 - Durand tongue and groove machine
 1 - Durand 5-bin grader
 1 - Bumer
 6 - Towmotor forklifts

Saskatchewan Forest Products Corp. (Hudson Bay Plywood Division)
(continued)

Limiting Factors for Operation and Expansion:	Timber supply
Estimated Replacement Cost of Buildings, Fixed and Mobile Equipment:	\$9,000,000
Forest Section:	Hudson Bay

Weyerhaeuser Canada Ltd.

Address:	Prince Albert Pulp and Paper Division Box 3001 Prince Albert, Saskatchewan S6V 5T5	Timberlands Division Box 1720 Prince Albert, Saskatchewan S6V 5T3
Telephone:	764-1521	953-1780
Fax:	953-1723 (Paper mill) 764-8886 (Pulp mill)	922-1371
Mill Location:	20 kilometres northeast of Prince Albert, Saskatchewan	
Owners:	Weyerhaeuser Canada Ltd.	
Woodlands Management:	Steve Smith - Vice-President and Manager Erlo Pederson - Manager of Wood Supply Jack Spencer - Chief Forester Wendy Obrigavitch - Financial Services Manager	
Mill Management:	Bill Gaynor - Vice-President and General Manager Marty O'Brien - Vice-President Pulp and Paper Mike Haner - Pulp Mill Manager Mark Hawrylak - Paper Mill Manager	
Mill Capacity:	Pulp mill - 960 air dried metric tonnes per day Paper mill - 640 air dried metric tonnes per day	
Production 1991-92:	Pulp - 188.4 M metric tonnes Paper - 148.9 M metric tonnes	
Products:	Blended kraft softwood pulp - 37% Blended kraft hardwood pulp - 19% Cut size paper - 13% Folio paper - 4% Roll paper - 27%	
Species Utilized:	tA - 34% wS - 23% bS - 17% jP - 16% bPo - 7% bF - 2% wB - 1%	
Wood Supply:	Forest Management Licence Agreement - 50% Purchased roundwood - 22% Purchased chips - 28%	

Weyerhaeuser Canada Ltd. (continued)

Average Log Haul Woods to Mill:	135 kilometres
Year Mill was Constructed or Rebuilt:	Pulpmill - 1968 Paper mill - 1990
Average Employment Months of Operation:	Woodlands: Contract - 210 J F M A M J J A S O N D Own - 27 J F M A M J J A S O N D Pulp and paper mill: 1012 J F M A M J J A S O N D Sales/Office: 100 J F M A M J J A S O N D
Transportation:	Inputs: Truck Products: Rail Rail/ship
Markets:	Midwestern USA - 50% Pacific Rim - 21% Eastern Canada - 12% Europe - 7% British Columbia - 3% Eastern USA - 3% Western USA - 2% Southeastern USA - 2%
Special Services:	Custom production of pulp and paper products to customers' specifications, packaged and unit strapped
Memberships:	Canadian Pulp and Paper Association Forest Engineering Research Institute of Canada Pulp and Paper Research Institute of Canada Saskatchewan Forestry Association
Energy Supply for Mill:	Electricity - self-generated - 75% - Saskatchewan Power Corp. - 25% Natural gas - Saskatchewan Power Corp.
Usage of Wood Residues:	Bark and other residues used for internal energy
Woodlands Equipment:	None
Mill Facilities/Equipment:	Pulp and paper mill complex Wood Plant 1 - 6-saw slasher deck 1 - Kone drum 1 - Kranco portal crane

Weyerhaeuser Canada Ltd. (continued)

Mill Facilities/Equipment: (continued)

Hog Shredding System
1 - Conveying system
3 - Black-Clawson, 90-inch chippers
8 - Black-Clawson rotary chip screens
1 - Carthage, 125-inch chipper
2 - B&M fine screens
1 - Rader chip thickness screening system

Kraft Pulp Plant
1 - Kamyr continuous digester
3 - Hooper rotary knotter
7 - Cowan primary screens
2 - Hymac secondary screens
1 - Hymac rotary screen
1 - Conron drum thickener
2 - Storage tanks (125 and 150 tons)

Recovery Plant
1 - Dort-Oliver recausticizer
1 - Dort-Oliver lime mud washer
1 - Allis Chalmers lime kiln
1 - Horton-Kamyr evaporator
2 - Babcock and Wilcox solids recovery units
1 - Joy precipitator
1 - Flakt precipitator

Bleach Plant
1 - 3-stage rotary brown stock washer system
1 - 2-stage Kamyr diffuser washer system

Stock Preparation Plant
3 - Black-Clawson pulpers
1 - Selectifier screen
1 - Selico cleaning system

Production and Finishing Plant
1 - Black-Clawson fourdrinier
1 - SF Flakt pulp drier
1 - Lambs-Grays Harbour cutter layboy
2 - Dominion baling presses
3 - Wire tying machines
3 - Toledo scales

Steam Plant
1 - Babcock and Wilcox boiler - capacity steam generated
4785 tons/day
2 - Babcock and Wilcox type - capacity steam generated
FMO boilers 1799 tons/day each

Weyerhaeuser Canada Ltd. (continued)

**Mill Facilities/Equipment:
(continued)**

Paper Mill

- 1 - Valmet 317 inch trim fine paper machine
- 1 - 12-pocket will sheeter
- 1 - Biel-omatic folio sheeter

**Limiting Factors for
Operation and Expansion:**

Timber supply

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

\$900,000,000

Forest Section:

Prince Albert

Miscellaneous Wood-Using Industries

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

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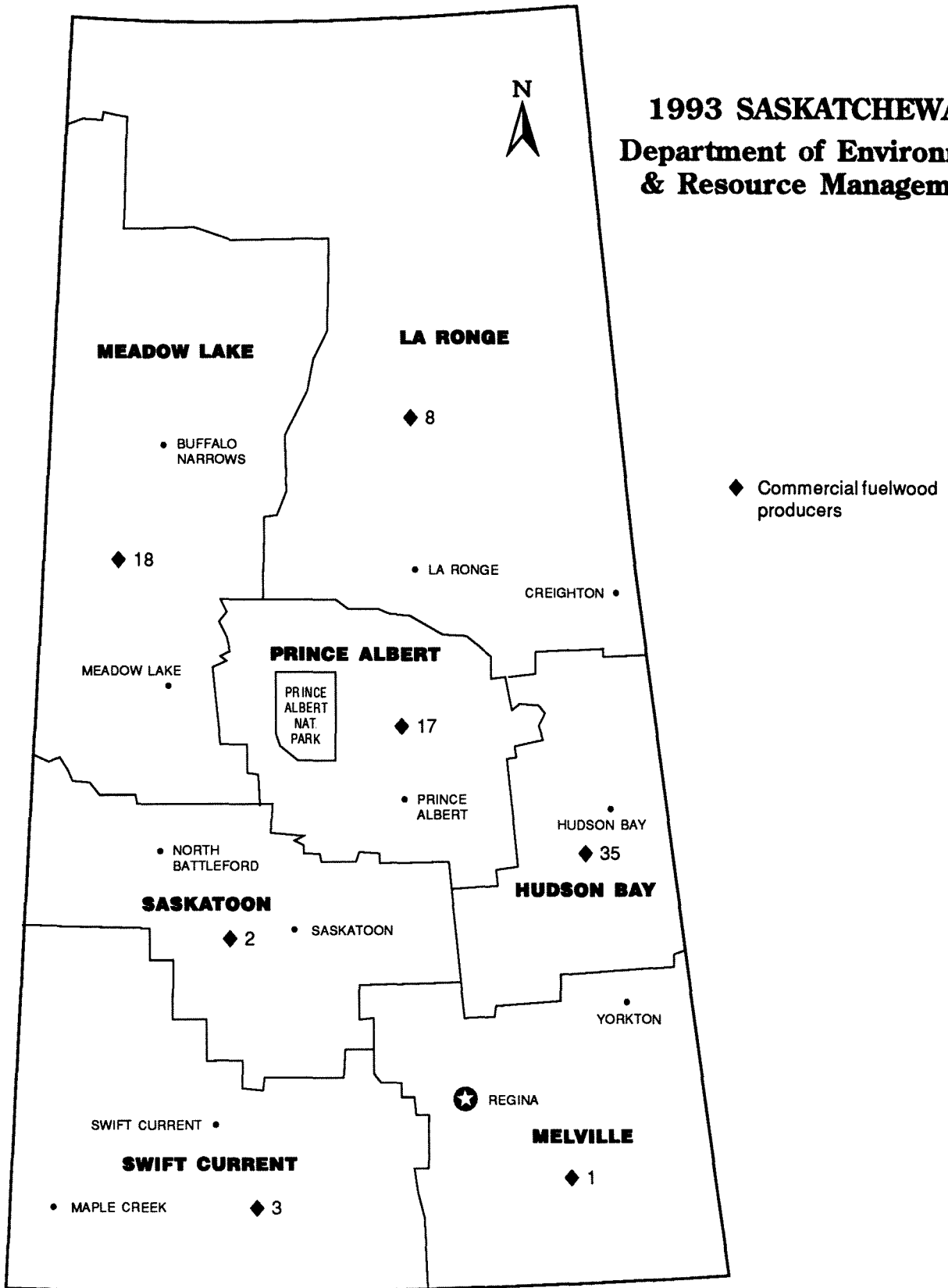


Figure 8: Number of commercial fuelwood producers greater than 60 m³ (25 cords), per year

Commercial Fuelwood Producers

Table 2

Commercial Fuelwood Producers

(Firms with production greater than 60 m³ or 25 cords)

Saskatchewan Forest Regions	Number of Firms	Estimated Production (cords)
Hudson Bay	35	1280
La Ronge	8	370
Meadow Lake	18	1280
Melville	1	25
Prince Albert	18	1750
Saskatoon	2	60
Swift Current	3	75
Total	85	4840

Forest Region:

Hudson Bay

Name	Address	Telephone
Campbell, Orville	Box 387 Kelvington, SK S0A 1W0	327-5791
Curtis, Don	Box 21 Bjorkdale, SK S0E 0E0	886-2158
Demchynski, Jim	Box 2068 The Pas, MB R9A 1L7	N/A
Drummond, Alvin	Box 883 Kelvington, SK S0A 1W0	327-5756
Gibson, Darrell	Box 23 Carragana, SK S0E 0K0	278-2701
Hudson Bay Lions	Box 1083 Hudson Bay, SK S0E 0Y0	N/A
Hughes, Bernie	Box 436 Creighton, SK S0P 0A0	688-4388
Hutton, Allan	Box 813 Flin Flon, MB R8A 1N6	687-3858
Kerlak, Ken	Box 699 Hudson Bay, SK S0E 0Y0	865-4147
Kovacs, Fred	Box 151 Endeavour, SK S0A 0W0	547-3459
Kwaitkowski, Frank	Box 601 Porcupine Plain, SK S0E 1H0	278-2880
Kwasney, Thomas	Box 237 Porcupine Plain, SK S0E 1H0	278-2855
Larocque, Gabe	Box 962 Flin Flon, MB R8A 1N7	N/A

Forest Region: **Hudson Bay (continued)**

Name	Address	Telephone
Laycock Leigh	Box 357 Saltcoats, SK S0A 0R0	547-3459
Leason, Colin	Box 35 Hudson Bay, SK S0E 0Y0	865-3127
M&M Enterprises	76 Green Street Flin Flon, MB R8A 0P4	687-7239
McIntyre, William	117 Manitoba Avenue Flin Flon, MB R8A 0N4	687-7871
MacDonald, Hugh	Handi-Works Box 3270 Nipawin, SK S0E 1E0	N/A
Matton, Lorry	Box 816 Hudson Bay, SK S0E 0Y0	865-2905 or (mobile) YP6-8349
Mazurkewich, Bohdan	Box 68 Porcupine Plain, SK S0E 1H0	278-3184
Melnyk, Russell	Box 37, R.R. #1 Norquay, SK S0A 2V0	594-2598
Northeast Industries Ltd.	Box 488 Hudson Bay, SK S0E 0Y0	865-3582
Orgurek, John	Box 51 Prairie River, SK S0E 1J0	889-4307
Patchin, Phil	Box 178 Porcupine Plain, SK S0E 1H0	278-2299
Peterson, Dale	Box 208 White Fox, SK S0J 3B0	276-2394
Pinder, John	Box 965 Kelvington, SK S0A 1W0	N/A

Forest Region: **Hudson Bay (continued)**

Name	Address	Telephone
RJ's Wood Haul	9 Mainwaring Street Flin Flon, MB R8A 1A5	687-3305
Rudachyk, Don	Box 17 Norquay, SK S0A 2V0	594-2535
Skurdal, Gordon	Box 120 Endeavour, SK S0A 0W0	547-2265
Strijak, Nick	Box 235 Endeavour, SK S0A 0W0	547-4769
Walker, Conrad	Box 114 Endeavour, SK S0A 0W0	547-2203
Washburn, Ian	Box 1540 Hudson Bay, SK S0E 0Y0	865-2000
Wiesner, Dennis	Box 275 Muenster, SK S0K 2Y0	682-3413
Wiens Logging and Sawing Co.	Box 148 Carrot River, SK S0E 0L0	768-3609 or 768-2911
Wlaswich, Harry	Box 1324 Kamsack, SK S0A 1S0	542-4401

Forest Region:

La Ronge

Name	Address	Telephone
Larriere, Victor	General Delivery Pinehouse, SK S0J 2B0	N/A
Natomagon, Joseph	General Delivery Pinehouse, SK S0J 2B0	884-2327
Prutton, Robin	Box 1486 La Ronge, SK S0J 1L0	425-2614
Ross, John	Box 137 La Ronge, SK S0J 1L0	N/A
Saskatchewan Justice	Besnard Corrections Box 5000 La Ronge, SK S0J 1L0	N/A
Skeezix Forest	Box 1753 La Ronge, SK S0J 1L0	N/A
Stenberg, Gary	Box 1615 La Ronge, SK S0J 1L0	N/A
Zelensky Bros. Ltd.	Box 1033 La Ronge, SK S0J 1L0	425-2239

Forest Region:

Meadow Lake

Name	Address	Telephone
Bell, Walter	Box 1296 Meadow Lake, SK S9M 1V0	236-4593
Cheecham, Alfred	Box 160 La Loche, SK S0M 1G0	822-2081
Fleurys Logging	Box 1347 Meadow Lake, SK S0M 1Y0	N/A
Glass Brothers	Box 419 Glaslyn, SK S0M 0Y0	342-4487
Goodsoil Lions Club	Box 99 Goodsoil, SK S0M 1A0	236-2082
Hamm, Wilfred	Box 150 Livelong, SK S0M 1J0	845-2561
Hanson, Kim	Box 490 Buffalo Narrows, SK S0M 0J0	235-4553
Harriott, Dusty	Box 101 Dorintosh, SK S0M 0T0	236-4691
Indian Northern Services	Box 122 Chitek Lake, SK S0G 1N0	984-2066
Janvier, Daniel	Box 63 La Loche, SK S0M 1G0	N/A
L & M Wood Products (1985) Ltd.	Box 149 Glaslyn, SK S0M 0Y0	342-2080
LDL Sawmill	R.R. #1 North Battleford, SK S9A 2X3	445-9937
Millard, Vern	Box 133 Livelong, SK S0M 1J0	845-2564
Noeth, Wayne and David	Box 314 Paradise Hill, SK S0M 2G0	344-4499 or 344-4583

Forest Region: **Meadow Lake (continued)**

Name	Address	Telephone
Opikokew, Curtis	General Delivery Canoe Narrows, SK S0M 0K0	829-4281
Regan, Gerald	Box 471 Buffalo Narrows, SK S0M 0J0	N/A
Rock Bottom Farm	Box 133 Livelong, SK S0M 1J0	845-2564
Wyss, Rudy and Lorne	Box 101 Pierceland, SK S0M 2K0	839-4706

Forest Region:

Melville

Name	Address	Telephone
Bryce, Bev	Box 128 Arcola, SK S0C 0G0	455-2549

Forest Region:

Prince Albert

Name	Address	Telephone
Beck, Margaret	Box 578 Leask, SK S0J 1J0	425-2614
Braidek, Dick	Box 765 Big River, SK S0J 0E0	469-4448
Campbell, Ben	Box 785 Prince Albert, SK S6V 5S4	922-8354
Chisum Log Homes	Box 5758 Weyakwin, SK S0J 1W0	663-5936
Goodman, Gordon	Box 56 Paddockwood, SK S0J 1Z0	989-2134
Halland, David and Alison	Box 66 Love, SK S0J 1P0	276-2308
Longjohn, Eugene	Box 193 Spruce Home, SK S0J 2N0	922-5295
Northside Services	Box 543 Tisdale, SK S0E 1T0	873-4373
P.A. Youth Camp	Box 3003 Prince Albert, SK S6V 6G1	953-3180
Par Industries Inc.	Box 345 1800 Riverside Drive Prince Albert, SK S6V 5R7	764-4818
Peters, Robert	Box 327 Duck Lake, SK S0K 1J0	467-2174
Pilon, Arsene	1220 - 15 Street West Prince Albert, SK S6V 3S6	763-2706
R & T Trucking Ltd.	Box 1597 Prince Albert, SK S6V 5T2	763-4226
Ranson, Robert	Box 303 Baine Lake, SK S0J 0J0	497-2899

Forest Region: **Prince Albert (continued)**

Name	Address	Telephone
Reimer Contracting Ltd.	Box 187 White Fox, SK S0J 3B0	276-2018
Roy, George	Box 169 Paddockwood, SK S0J 1Z0	989-4523
Shynkaruk, John	Box 206 Shell Lake, SK S0J 2G0	427-4506
Stewart, Earl	Box 329 Shellbrook, SK S0J 2E0	747-3630

Forest Region:

Saskatoon

Name	Address	Telephone
Blais, Alphonse	601 Avenue P North Saskatoon, SK S7L 2W1	382-1525
Friesen, Orville	Box 359 Osler, SK S0K 3A0	225-5708

Forest Region:

Swift Current

Name	Address	Telephone
Gap Creek Wood Products Ltd.	Box 1692 Maple Creek, SK S0N 1N0	662-3794
Perrin, Reed	Box 476 Maple Creek, SK S0N 1N0	662-2541
Royer Trucking Ltd.	Box 1948 Maple Creek, SK S0N 1N0	662-2246

Other Miscellaneous

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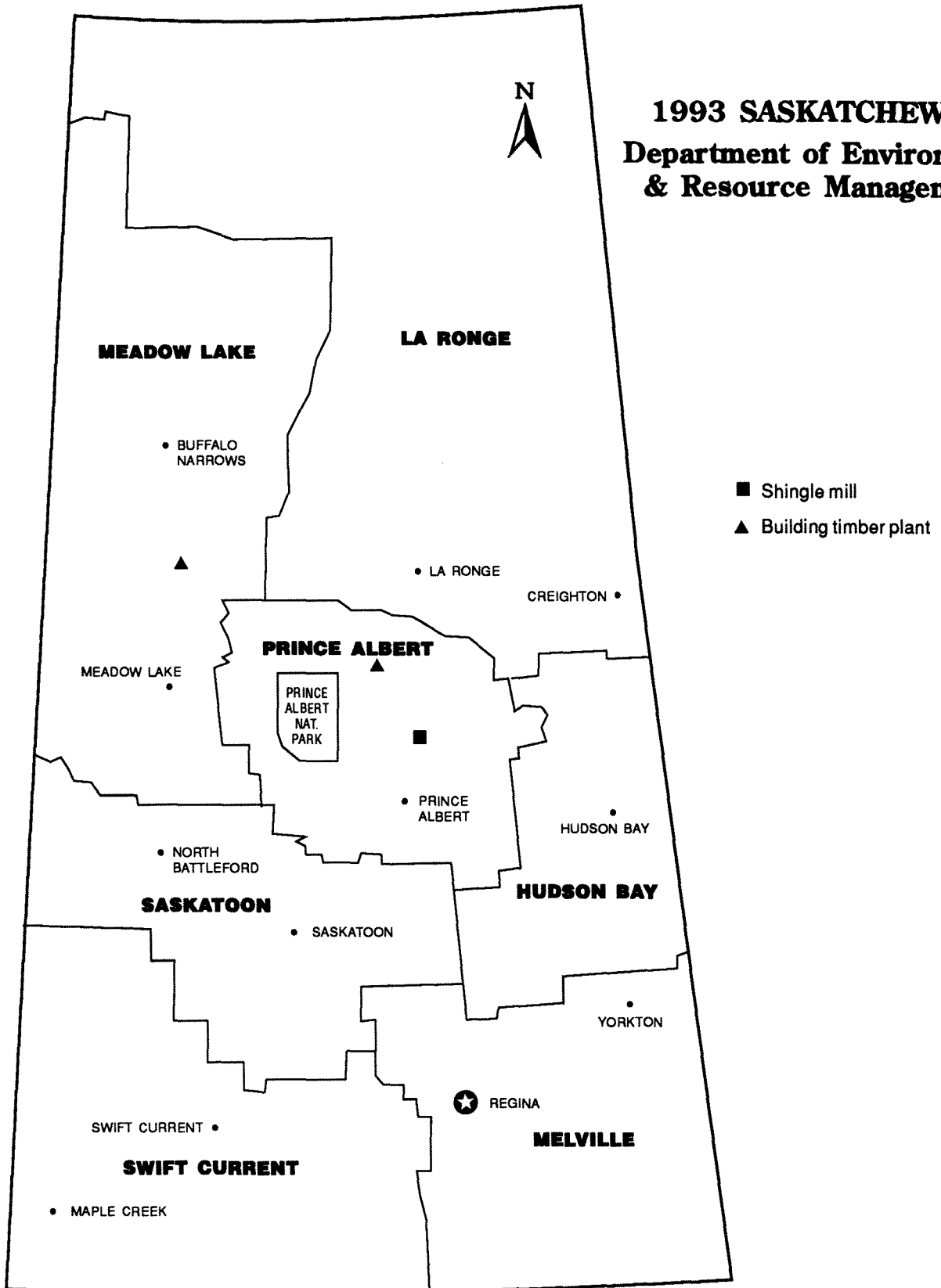


Figure 9: Location of miscellaneous wood-using industries

Other Miscellaneous

	Page
Blue Line Pine Manufacturing Ltd.....	188
Chisum Log Homes Ltd.	190
North Haven Log Homes	191

Blue Line Pine Manufacturing Ltd.

Address: Box 60
Candle Lake, Saskatchewan
S0J 3E0

Telephone: 929-2177 or 929-3174

Mill Location: Candle Lake, Saskatchewan

Management: Elmer Erickson

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

Production 1991-92: Lumber - 20 M fbm
1500 squares pine shingles

Products:

Dimension lumber:	2 x 4	-	2%
	2 x 6	-	5%
	2 x 8	-	1%
Board lumber:	1 x 4	-	1%
	1 x 6	-	1%
Shingles:	Grade #1	-	80%
	Other	-	10%

Products by Grade:

Shingles:	Grade #1	-	90%
	Other	-	10%

Species Utilized:

jP	-	90%
wS	-	10%

Wood Supply:

Permit	-	60%
Purchased	-	40%

Average Log Haul Woods to Mill: 80 kilometres

Year Mill was Constructed or Rebuilt: 1987

Average Employment Months of Operation:

Woodlands:	Own	-	3	J	F	-	-	-	-	-	-	-	-	-
Shingle Mill:			5	-	-	-	A	M	J	J	A	S	O	N

Transportation:

Inputs:	Truck
Products:	Truck

Markets:

Saskatchewan	-	70%
Local	-	30%

Special Services: Shingles unit strapped and wrapped

Blue Line Pine Manufacturing Ltd. (continued)

Special Services:	Shingles unit strapped and wrapped
Energy Supply for Mill:	Electricity - Saskatchewan Power Corp. Diesel power unit (sawmill)
Usage of Wood Residues:	Slabs, edgings - fuelwood 5%, burned 95% Sawdust - no use, piled
Woodlands Equipment:	1 - Kenworth logging truck with trailer
Mill Facilities/Equipment:	Shingle and sawmill complex 1 - 2' shingle mill 1 - 48" circular headsaw with carriage 1 - 4-saw edger 1 - Tractor loader
Limiting Factors for Operation and Expansion:	Timber supply
Estimated Replacement Cost of Buildings, Fixed and Mobile Equipment:	\$90,000
Forest Section:	Prince Albert

Chisum Log Homes Ltd. *

Address: Box 5758
Weyakwin, Saskatchewan
S0J 1W0

Telephone: 663-5936

Mill Location: Weyakwin, Saskatchewan

Management: Gary Varga, Partner Mill Manager
Guy Bilideau, Transportation Manager
Paul Bilideau, Woodlands Manager

Production 1991-92: Building logs - 770 m³

Products: Prefabricated log homes (5)

Species Utilized: tA

Wood Supply: Timber permit

Average Log Haul Woods to Mill: 35 kilometres

Year Mill was Constructed or Rebuilt: 1990

Average Employment Months of Operation: Included in sawmill section

Markets: Saskatchewan

Special Services: Designs and manufactures log homes to customers' specifications

Trade Name: Chisum Log Homes

Mill Facilities/Equipment: 1 - Chisum Log Mill #13

**Limiting Factors for
Operation and Expansion:** Market

Forest Section: Prince Albert

* For details of sawmill operations, see Chisum Log Homes Ltd., page 46.

North Haven Log Homes

Address: Box 1540
Meadow Lake, Saskatchewan
S0M 1X0

Telephone: 829-4331

Mill Location: Canoe Narrows, Saskatchewan

Management: Jim Maple

Production 1991-92: Building logs - 50 m³

Products: Prefabricated log homes (1)

Species Utilized: tA

Wood Supply: Timber permit

Average Log Haul Woods to Mill: N/A

Year Mill was Constructed or Rebuilt: Operations ceased in 1992

Average Employment Months of Operation: Mill: 3 - - - - - A S - - -

Transportation: Inputs: Truck
Products: Truck

Markets: Local

Special Services: Designs and manufacturers log homes to customers' specifications

Mill Facilities/Equipment: 1 - Log lathe

**Limiting Factors for
Operation and Expansion:** Market

Forest Section: Meadow Lake

Appendix I

Headquarters and Regional Personnel of the Forestry Branch, Saskatchewan Department of Environment and Resource Management

**Headquarters Personnel of the Forestry Branch,
Saskatchewan Department of
Environment and Resource Management
Prince Albert**

Director - M.T. Little		
Administration Section Tony Baumgartner	Forest Inventory Section Jamie Benson	Silviculture Section John Thompson
Forestry Development Larry Stanley		Forest Operations Ron Berezowsky

Forestry inquiries should be directed to:

Forestry Branch
Saskatchewan Environment and Resource Management
McIntosh Mall
Box 3003
Prince Albert, Saskatchewan
S6V 6G1

Telephone: (306) 953-2221
Fax: (306) 953-2360

**Regional Personnel of the Forestry Branch,
Saskatchewan Department of
Environment and Resource Management**

Saskatchewan Department of Environment and Resource Management

Hudson Bay Region

Ross Duncan
Regional Director
Telephone: (306) 865-2274
Fax: (306) 865-2179

Natural Resources Building
Hudson Bay
SOE 0Y0

Hugh Hedger
Regional Resource Supervisor

Tom Mord
Regional Forester

La Ronge Region

Wes Kolosky
Regional Director
Telephone: (306) 425-4254
Fax: (306) 425-2580

Box 5000
La Ronge
SOJ 1L0

Allen Duncan
Regional Resource Supervisor

Gordon Frey
Regional Forester

Karen Waters
Resource Officer

Meadow Lake Region

Tom Harrison
Regional Director
Telephone: (306) 236-7540
Fax: (306) 236-7677

Box 580
Meadow Lake
SOM 1V0

Ron Erickson
A/Regional Resource Supervisor

Floyd Wilson
Regional Forester

Melville Region

Dick Hutchinson
Regional Director
Telephone: (306) 728-7480
Fax: (306) 728-7447

117 - 3rd Avenue
Melville
SOA 2P0

Ken Kelly
Regional Resource Supervisor

**Regional Personnel of the Forestry Branch,
Saskatchewan Department of
Environment and Resource Management
(continued)**

Saskatchewan Department of Environment and Resource Management (continued)

Prince Albert Region

Ross Duncan
Regional Director
Telephone: (306) 953-2898
Fax: (306) 953-2502

Box 3003
MacIntosh Mall
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S6V 6G1

Daryl Jessop
A/Regional Resource Supervisor

Gordon Frey
Regional Forester

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Regional Director
Telephone: (306) 933-6242
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15 Innovation Boulevard
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S7K 2H6

Dave Coombs
Field Supervisor

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Telephone: (306) 778-8207
Fax: (306) 778-8212

350 Cheadle Street West
Swift Current
S9H 4G3

Bob Gamwell
Regional Resource Supervisor

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
4141 Yonge Street
Willowdale, Ontario
M2P 2A6
Telephone: (416) 222-8022
Fax: (416) 222-4337

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) 232-1815
Fax: (613) 232-4210
President: J.W. Giles
Executive Director: Glen Blouin

Canadian Forest Industries Council
c/o Council of Forest Industries
1200 - 555 Burrard Street
Vancouver, British Columbia
V7X 1S7
Telephone: (604) 684-0211
Fax: (604) 687-4930
Chairman: Tom Buell
Secretary: Jim Shaw

Canadian Hardwood Plywood Association
27 Goulburn Avenue
Ottawa, Ontario
K1N 8G7
Telephone: (613)233-6205
Fax: (613)233-1929
Executive Director: Robert Rivard

Canadian Home Builder's Association
200 - 150 Laurier Avenue West
Ottawa, Ontario
K1P 5J4
Telephone: (613) 230-3060
Fax: (613) 232-8214
Chief Operating Officer: John Kenward

Canadian Institute of Forestry (CIF)
1005 - 151 Slater Street
Ottawa, Ontario
K1P 5H3
Telephone: (613) 234-2242
Fax: (623) 234-6181

Canadian Institute of Treated Wood
200 - 2430 Don Reid Drive
Ottawa, Ontario
K1H 8P5
Telephone: (613) 234-9456
Fax: (613) 234-1228
Executive Director: Henry Walthert

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
Executive Director: Robert Rivard

Canadian Manufacturers Association (CMA)
1024 Winnipeg Street
Regina, Saskatchewan
S4R 8P8
Telephone: (306) 522-2773
Fax: (306) 757-5410
Manager: Walter Basler

Canadian National Building Material Distribution Association
(CNBMDA)
2491 Renzoni Road
Mississauga, Ontario
L5K 1W8
Telephone: (416) 823-5390
Fax: (416) 823-6763
Executive Vice-President: Charles Harbinson

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

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) 747-4000
Fax: (416) 747-4149

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

Purpose: The national federation of Canadian forest products association; accepts responsibility for technical, educational and related activities on behalf of the industry.

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

Canadian Woodwork Manufacturing Association
33 Atomic Avenue
Toronto, Ontario
M8Z 5K8
Telephone: (416) 259-5446
Fax: (416) 259-5614
President: John Mikula

Central Forest Products Association Inc. (CFPA)
Box 1169
Hudson Bay, Saskatchewan
S0E 0Y0
Telephone: (306) 865-2595
Fax: (306) 865-3302
President: Roland St. Louis
Manager: Lyle Redlick

Farm Woodlot Association of Saskatchewan
Box 1448
Prince Albert, Saskatchewan
S6V 5T1
Telephone: (306) 922-8557
Fax: (306) 764-0340
Extension Forester: Michael Splinter

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)
Saskatchewan District Office
1288 Central Avenue
Prince Albert, Saskatchewan
S6V 4V8
Telephone: (306) 953-8544
Fax: (306) 953-8649

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

Industry, Science and Technology Canada (ISTC)
401 - 119 - 4th Avenue South
Saskatoon, Saskatchewan
S7K 5X2
Telephone: (306) 975-4400
Fax: (306) 975-5334

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

Manufactured Housing Association of Alberta
and Saskatchewan
101 - 4708 - 50 Avenue
Red Deer, Alberta
T4N 4A1
Telephone: (403) 347-8925
Fax: (403) 347-2505
Executive Director: Wayne Cook

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

Poplar Council of Canada
Office of the Secretariat
Forestry Canada
5320 - 122 Street
Edmonton, Alberta
T6H 3S5
Telephone: (403) 435-7312
Fax: (403) 435-7359
Executive Secretary: Lil Sittanen
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 Wesbrook Mall
Vancouver, British Columbia
V6S 2L9
Telephone: (504) 222-3200
Fax: (604) 222-3207

Saskatchewan Christmas Tree Growers Association
Box 2138
Prince Albert, Saskatchewan
S6V 5T9
Telephone: (306) 922-9068
Secretary: Alex Gray

Saskatchewan Council of Independent Forest Industries
(SCIFI)
c/o Jim Hendren
Box 102
Kelvington, Saskatchewan
S0A 1W0
Telephone: (306) 327-4875

Saskatchewan Forestry Association
1003 - 1st Avenue West
P.O. Box 400
Prince Albert, Saskatchewan
S6V 5R7
Telephone: (306) 763-2189

Saskatchewan Home Builders' Association
Bay 11 - 3012 Louise Street
Saskatoon, Saskatchewan
S7J 3L8
Telephone: (306) 955-5188
Fax: (306) 373-3735
Executive Officer: Lynn Danbrook

Saskatchewan Millwork Association
Box 9
Swift Current, Saskatchewan
S9H 3Y5
Telephone: (306) 773-4691
Fax: (306) 773-0813
Secretary: Oliver Hollands

Saskatchewan Research Council
15 Innovation Boulevard
Saskatoon, Saskatchewan
S7N 2X8
Telephone: (306) 933-5400
Fax: (306) 933-7446
President: Jim Hutch

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

Western Wood Truss Association
3177 - 207A Street
Langley, British Columbia
V3A 4P5
Telephone: (604) 534-4138
Fax: (604) 534-4138
Executive Director: Dick Van de Berg

Wholesale Lumber Dealers Association Inc.
c/o Anderson & Quick Chartered Accountants
145 Adelaide Street West
Suite 501
Toronto, Ontario
M5H 3H4

Telephone: (416) 363-0865

Fax: (416) 360-6026

Contact: Kim Moores

Purpose: A non-profit organization operating as a bureau of information for its members.

Appendix III

Saskatchewan's Timber Allocation System

Saskatchewan's Timber Allocation System

The province of Saskatchewan has four basic methods of allocating timber to the producers:

1. Forest management license agreement — negotiated agreement with a large individual forest industry company, with term of operation longer than one year.
2. Timber permit — means of allocating timber to a wide range of different forest industry operations for a period of one year.
3. Forest product field permit — principal means of allocating small volumes of timber to individuals, essentially for their own use.
4. Term cutting agreement — guarantees a timber permit for over a specified number of years (up to ten) under negotiated conditions.

Appendix IV

**Saskatchewan Forestry Factors
for Metric Conversion**

Saskatchewan Forestry Factors for Metric Conversion

These conversion factors are being used by the Saskatchewan Forestry Branch for official standard timber conversion factors

<p>1 inch = 2.54 centimetres</p> <p>1 foot = 0.3048 metres</p> <p>1 yard = 0.9144 metres</p> <p>1 chain (66 ft) = 20.1168 metres</p> <p>1 mile = 1.609 kilometres</p> <p>1 square foot = 0.092903 square metres</p> <p>1 acre = 0.4047 hectares</p> <p>1 square mile = 2.590 square kilometres</p> <p>1 cubic foot = 0.0283 cubic metres</p> <p>1 gallon = 4.546 litres</p> <p>1 cubic foot/acre = 0.0701 cubic metres/hectare</p> <p>1 pound = 0.4536 kilograms</p> <p>1 ton = 0.907 tonnes</p> <p>1 cord (solid wood) = 2.407 cubic metres</p> <p>1 cord (stacked wood) = 3.625 cubic metres</p> <p>1 cord (stacked/acre) = 8.956 cubic metres (stacked/ha)</p> <p>1 cunit (100 cubic feet) = 2.832 cubic metres</p> <p>1 square foot of sheet product (1/16" basis) = 0.147 square metre (1 mm basis)</p>	<p>1 centimetre = 0.394 inches</p> <p>1 metre = 3.281 feet</p> <p>1 metre = 1.0936 yards</p> <p>1 metre = 0.0497 chains</p> <p>1 kilometre = 0.621 miles</p> <p>1 square metre = 10.764 square feet</p> <p>1 hectare = 2.471 acres</p> <p>1 square kilometre = 0.386 square miles</p> <p>1 cubic metre = 35.3147 cubic feet</p> <p>1 litre = 0.220 gallons</p> <p>1 cubic metre/hectare = 14.2653 cubic feet/acre</p> <p>1 kilogram = 2.2046 pounds</p> <p>1 tonne = 1.102 tons</p> <p>1 cubic metre (solid) = 0.415 cords</p> <p>1 cubic metre (stacked) = 0.276 cords</p> <p>1 cubic metre (stacked/ha) = 0.112 cords (stacked/acre)</p> <p>1 cubic metre = 0.353 cunits</p> <p>1 square metre (1 mm basis) = 6.785 square feet (1/16" basis)</p>
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Selected Conversion Factors for Timber Products

Conversion factors listed below have been used in this directory to determine roundwood volumes

Timber Product	Equivalent Value	
Fence posts: (per piece)		
6' x 3½" top diameter	0.4 ft ³	0.01 m ³
6' x 4½" top diameter	0.7 ft ³	0.02 m ³
6' x 5½" top diameter	1.0 ft ³	0.03 m ³
7' x 3½" top diameter	0.5 ft ³	0.01 m ³
7' x 4½" top diameter	0.8 ft ³	0.02 m ³
7' x 5½" top diameter	1.2 ft ³	0.03 m ³
8' x 5½" top diameter	1.3 ft ³	0.04 m ³
8' x 6½" top diameter	1.8 ft ³	0.05 m ³
8' x 7½" top diameter	2.4 ft ³	0.07 m ³
8' x 8½" top diameter	3.2 ft ³	0.09 m ³
Rail	1.0 ft ³	0.0283 m ³
Utility poles (20 - 50 feet)	21.26 ft ³	0.6017 m ³
1000 fbm lumber (1 M fbm)	4.8139 m ³ (solid wood content)	
Lath		
1 bundle (50 pieces)	9 fbm	
Railway ties		
Grade #1 (7" x 9" x 8')	42 fbm	0.2022 m ³
Grades #2, #3 (6" x 8" x 8')	32 fbm	0.1540 m ³
Chips and hog fuel		
Bone dry unit (BDU) wood chips	2400 lbs	1090 kg
Oven dry tonne (ODT) wood chips	2204 lbs	0.918 BDU (1000 kg)
Unit (hog fuel)	200 ft ³ (packed)	5.66 m ³ (packed)
	72 ft ³ (solid wood)	2.038 m ³ (solid wood)
Chip weight to volume conversion (based on species density)		
Spruce: 1 BDU = 1090 kilograms =	3.028 m ³	
Pine: 1 BDU = 1090 kilograms =	2.589 m ³	
Aspen: 1 BDU = 1090 kilograms =	2.914 m ³	
Panel products		
1000 ft ² of sheet product (3/8" basis)	0.884 m ³ *	

* Industry standards show plywood product in thousand of square feet based on 3/8" thick panels and oriented strandboard in thousands of square feet based on 1/16" panels. (One 4' x 8' sheet of panel 3/8" thick contains 1 ft³ of material.) Production of equivalents in metric units are usually given in cubic metres (m³) regardless of the sheet thickness.

Sources

Bowen, M.G. 1974. Selected metric (SI) units and conversion factors for Canadian forestry. 2p.

Nielson, R.W., J. Dobie and D.M. Wright. 1985. Conversion factors for the forest products industry in western Canada. Special Publication SP-24R. 92p.

Ondro, W.J., *et al.* 1981. A directory of primary wood-using industries in Saskatchewan, 1980. Information Report NOR-X-232. 233p.

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- 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. 1986. A directory of primary wood-using industries in Saskatchewan, 1985. Canadian Forestry Service, Prince Albert, Saskatchewan. 137p.
- 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.
- Ondro, W.J., *et al.* 1981. A directory of primary wood-using industries in Saskatchewan, 1980. Canadian Forestry Service, Northern Forestry Research Centre, Edmonton, AB. Information Report NOR-X-232. 233p.