

Appendix 1

Mining Industry Activity in Nova Scotia, 2000

Mining Industry Exploration, Development, Capital and Repair Expenditures

Investment by the mining industry in Nova Scotia is monitored by means of annual surveys of all mining companies having operations or activity in the province. Aggregate producers are not included in this survey. The surveys are carried out by the Nova Scotia Department of Natural Resources (DNR) jointly with Natural Resources Canada (Minerals and Metals Sector - Minerals and Mining Statistics Division), and Statistics Canada (Investment and Capital Stock Division). The Mineral Management Division of DNR actively participates in the Annual Survey of Canadian Mineral Exploration Expenditures and the Annual Survey on Exploration, Development, Capital and Repair Expenditures.

Preliminary figures indicate exploration expenditures in 2000 were \$2.96 million, down somewhat from 1999 (Table 1.1), as was diamond-drilling. Capital expenditures at existing mines dropped significantly in 2000 from 1999, while repair and maintenance expenditures decreased only slightly.

Mining Leases

There was one new Mining Lease issued in the province during the year. In August, Dunlop Mining Corporation Limited was issued a new Mining Lease for its barite property at Walton, Hants County.

A Mining Lease renewal was issued to Scotia Limestone Limited for its limestone property at Kelly Cove, Victoria County.

Table 1.1. Mining industry expenditures in 1999 and 2000.

	1999	2000 ¹
Mineral Exploration Expenditures (field plus overhead) ²	\$3,632,000	\$2,964,575
Exploration diamond-drilling ²	14 000 m	8 500 m
Exploration drilling - other ¹	3 000 m	N/A
Mine Complex Development Expenditures (field plus overhead)	\$4,881,000	\$4,250,345
Capital and Repair Expenditures at Mining Establishments		
Capital Expenditures	\$51,455,000	\$43,823,619
Repair and Maintenance Expenditures	\$23,271,000	\$21,024,157

¹preliminary

²includes deposit appraisal

Mining Permits

The department issued two Mining Permits during the year. Georgia-Pacific Canada Inc. was issued a Mining Permit for its gypsum property at Melford, Inverness County, and Cape Crushing Company Limited was issued a Mining Permit for the extraction of coal at its expanded surface mining property at Alder Point, Cape Breton County.

Production Information from Mines, Quarries and Other Operations

In 2000, the estimated total value of Nova Scotia's mineral production, including secondary mineral processing, totaled \$315 million (Fig. 1.1), a drop of 22% from the previous year. This decrease was a result of the depletion of crude petroleum production at Cohasset-Panuke in 1999 and a \$27 million drop in the value of coal production following the 1999 closure of the Phalen Mine. It should be noted that the value of offshore natural gas production is not included in these figures. Excluding petroleum, the total value of Nova Scotia's mineral production was down 8% from 1999's figure of \$342 million. The decrease was mostly due to lower production of coal. Employment in Nova Scotia's mineral industry totalled 2,147 persons (Fig. 1.2), a 26% decrease from the previous year (Fig. 1.3). The drop in

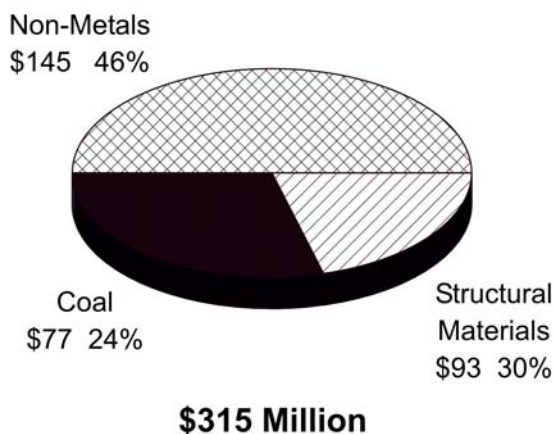
employment is primarily a result of the loss of crude petroleum production and workforce reductions by the Cape Breton Development Corporation.

Nova Scotia's gypsum production in 2000 was 7.3 million tonnes shipped. This represents an 8% decrease from 1999's record gypsum production. Gypsum is supplied mainly to wallboard plants along the U.S. Eastern Seaboard. Nova Scotia is Canada's largest gypsum producer, accounting for more than 80% of the country's total production.

Nova Scotia salt production in 2000 increased approximately 8% from 1999, to 912,000 tonnes in 2000.

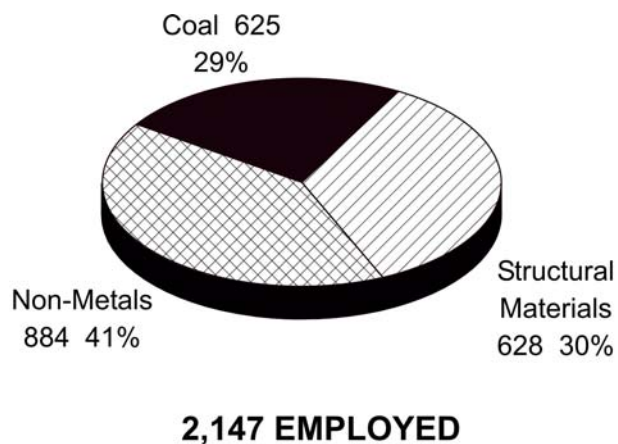
Coal sales dropped approximately 26% in 2000 to 1.2 million tonnes from 1.6 million tonnes in 1999. This was primarily a result of the loss of the production from the Cape Breton Development Corporation's Phalen Colliery, which closed in 1999. As well, surface coal production decreased by 60 000 tonnes.

Cement sales were consistent with 1999 levels, though production tonnage decreased. Overall, sales of aggregate products (crushed stone, sand and gravel) were unchanged in 2000 from the year before. The value of crushed stone production increased by 6%, while sand and gravel production dropped by 22%. Peat moss production rose 26%



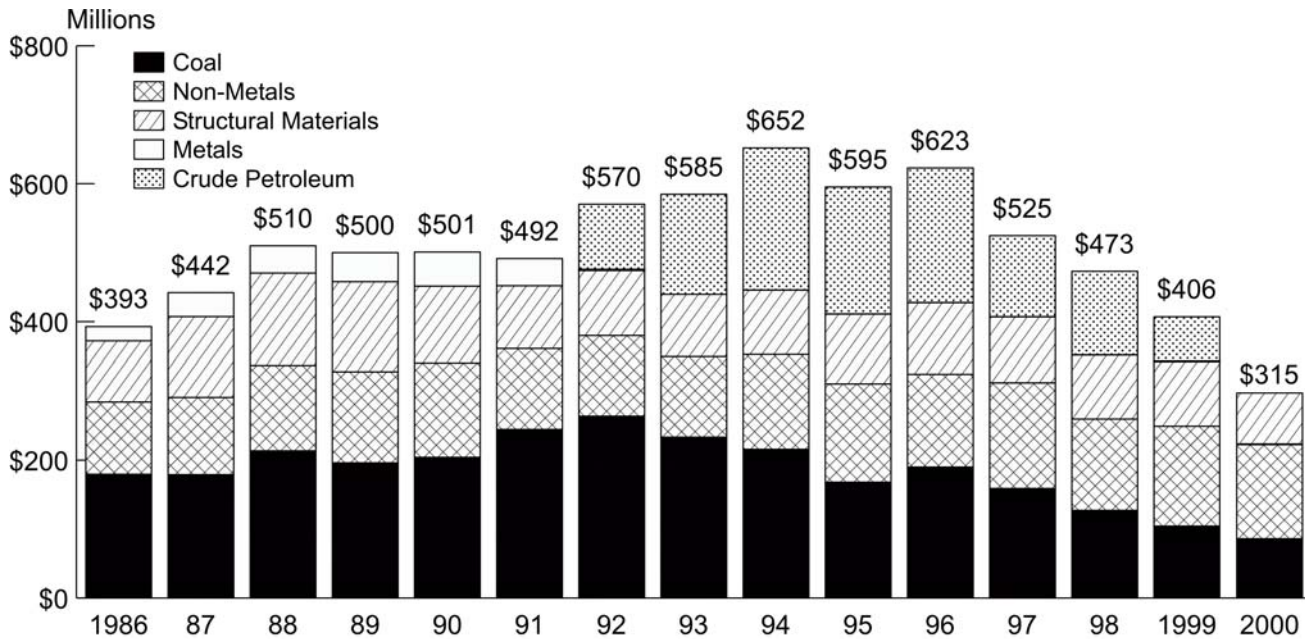
Includes secondary mineral processing where applicable

Figure 1.1. Value of mineral production, in millions of dollars and per cent, by commodity group.



*Includes secondary mineral processing employment where applicable
Employment in metal production too small to be expressed at this scale*

Figure 1.2. Employment, in numbers of persons and per cent, by mineral commodity group.



Includes secondary mineral processing where applicable

Figure 1.3. Historical trend of the value of mineral production in Nova Scotia, 1986-2000.

in 2000 over 1999. Clay products production was similar to 1999 levels.

In prior years, the value of petroleum production has been included in the overall value of Nova Scotia's mineral production, and is reported in the 1999 figures for completeness. However, there was no production of crude oil in 2000 and the production of offshore natural gas is not included in this appendix. The appendix covers the non-petroleum sectors of the mineral industry (Table 1.2), providing a description of each mine site. Tables 1.3 to 1.6 provide more detailed information on the production of different commodities. Site locations are shown on the accompanying maps, Figures 1.4 and 1.5. Production data are for the calendar year 1 January 2000 to 31 December 2000.

Metal Mines and Gold Mines

Metal Mines

There were no producing metal mines in the province in 2000.

Gold Mines

DUFFERIN RESOURCES INCORPORATED

Manager: W. Coles (Envirogold Technologies Inc.)

Address: Dufferin Resources Incorporated
P. O. Box 2020
Windsor, N. S. B0N 2T0

Production: n/a (approximately 4 000 tonnes of ore stockpiled for milling in 2001)

Employees: 10

The Dufferin Mine at Port Dufferin was dewatered and mine development resumed in the latter half of 2000. Approximately 4 000 tonnes of ore were mined and stockpiled for the re-opening of the mill in 2001. Envirogold Technologies Inc. operated the mine under arrangement with the Mining Lease holder, Dufferin Resources Incorporated.

Coal Mining Operations

During 2000, there was one underground coal

Table 1.2. Summary of Nova Scotia mineral production, 1999 and 2000.

DESCRIPTION	1999		2000	
	VALUE (\$ thousands ¹)	EMPLOYMENT*	VALUE (\$ thousands ¹)	EMPLOYMENT*
<u>METALS</u>				
Gold	24		0	
Total metals	24	N/A ²	0	10
<u>INDUSTRIAL MINERALS</u>				
(Non-Metals)				
Anhydrite	2,018		2,202	
Barite	**1,410		140	
Gypsum	83,204		76,340	
Limestone ³ and Dolomite	3,619		5,444	
Peat	**2,035		2,559	
Salt	**49,891		54,048	
Silica	2,400		4,143	
Total Non-Metals	144,577	893	144,876	884
(Structural Materials)				
Dimension Stone	302		300	
Cement	**37,306		36,750	
Clay Products	**6,000		6,000	
Crushed Stone	39,544		41,795	
Sand & Gravel	10,615		8,236	
Total Structural Materials	93,767	697	93,081	628
Total Industrial Minerals	238,747		237,957	1,522
FUELS				
Coal	103,430	1,010	76,880	625
Petroleum - Crude	64,000	300	N/A	N/A
Total Fuels	167,430	1,310	76,880	625
TOTAL MINERAL PRODUCTION	406,202	2,900	314,837	2,147
CHANGE FROM PREVIOUS YEAR	-14%	-21%	-22%	-26%
TOTAL EXCLUDING PETROLEUM	342,202	2,600	314,837	2,147
CHANGE FROM PREVIOUS YEAR	-3%	-22%	-8%	-17%

¹ Estimated from Department of Natural Resources sources² Operator ceased production in January 1999³ Does not include the value of limestone quarried for cement production

* Average number of persons during production period

** Processed or manufactured value

Note: Production represents shipments; numbers may not add to totals due to rounding

Table 1.3. Coal production for the calendar year 2000.

COMPANY	MINE NAME	LOCATION	PRODUCTION		TOTAL NUMBER EMPLOYED ¹	APPROX. VALUE(\$) ²
			TONS	TONNES		
UNDERGROUND MINING						
Cape Breton Development Corp. (CBDC)	Prince Mine	Point Aconi, Cape Breton County	934,678	847 925	500	
Total (underground)			934,678	847 925	500	
SURFACE MINING						
Brogan Mining Company Limited	Little Pond Mines	Alder Point, Cape Breton County	60,627	55 000	15	
Cape Crushing Company Limited	Merritt Point Mine	Alder Point, Cape Breton County	12,770	11 585	6	
Evans Coal Mines Limited	St. Rose Mine	St. Rose, Inverness County	44,159	40 060	29	
Hill Reclamation Limited		Springhill, Cumberland County	11,105	10 074	17	
Pioneer Coal Limited	Stellarton Mine	Stellarton, Pictou County	204,622	185 630	35	
Thorburn Mining Limited	Thorburn and Coalburn Mines	Thorburn and Coalburn, Pictou County	41,811	37 930	23	
Total (surface)			375,094	340 279	125	
TOTAL FOR ALL COAL PRODUCERS			1,309,772	1 188 204	625	76,880,000
¹ personnel employed in clerical, supervisory, etc. positions as well as mining personnel. ² estimated from Nova Scotia Department of Natural Resources sources NOTE: Production represents shipments; numbers may not add to totals due to rounding						

Table 1.4. Industrial minerals production for the calendar year 2000.

COMPANY	LOCATION	PRODUCTION		TOTAL NUMBER EMPLOYED ¹	APPROXIMATE VALUE (\$) ²
		TONS	TONNES		
GYPSUM					
Fundy Gypsum Company	Miller Creek and Wentworth Road, Hants County	1,912,522	1 735 009	201	
Georgia-Pacific Canada, Inc.	Sugar Camp, Inverness County	1,730,196	1 569 606	117	
Little Narrows Gypsum Company	Little Narrows, Victoria County	1,169,101	1 060 590	102	
National Gypsum (Canada) Limited	East Milford, Halifax County	3,202,456	2 905 217	100	
Total (gypsum)		8,014,275	7 270 422	520	76,340,000
ANHYDRITE					
Fundy Gypsum Company	Wentworth Road, Hants County	98,369	89 238	included in gypsum	
Little Narrows Gypsum Company	Little Narrows, Victoria County	98,004	88 907	included in gypsum	
Total (anhydrite)		196,373	178 145		2,202,000
SALT					
The Canadian Salt Company Limited	Pugwash, Cumberland County	923,196	837 509	197	
Sifto Canada Inc.	Nappan, Cumberland County	82,112	74 491	43	
Total (salt)		1,005,308	912 000	240	54,048,000 ³
LIMESTONE AND DOLOMITE					
Lafarge Canada Inc.	Brookfield, Colchester County	817,356	741 492	16	
Mosher Limestone Company Limited	Upper Musquodoboit, Halifax County	28,877	26 197	30	
Nova Scotia Power Incorporated	Glen Morrison, Cape Breton County	110,970	100 670	10	
Ridge Brokers Limited	Southside Harbour, Antigonish County	20,451	18 553	1	
Scotia Limestone Limited	Kellys Cove, Victoria County	3,307	3 000	2	
Total (limestone and dolomite)		980,961	889,912	59	5,444,000 ⁴
BARITE					
E-Z-EM Canada Inc.	Brookfield, Colchester County	543	493	8	
Total (barite)		543	493	8	140,000 ³

Table 1.4. Continued.

COMPANY	LOCATION	PRODUCTION		TOTAL NUMBER EMPLOYED ¹	APPROXIMATE VALUE ² (\$)
		TONS	TONNES		
CLAY AND SHALE					
Shaw Brick (a member of the Shaw Group Limited)	Milford, Hants County New Glasgow, Pictou County	30,000	27 216	see clay products Table 1.5	n/a ⁵
Total (clay and shale)		30,000	27 216	see clay products Table 1.5	n/a ⁵
SILICA SAND					
Lafarge Canada Inc.	Belmont, Colchester County	110	100	included with limestone	
Shaw Resources (a member of the Shaw Group Limited)	Nine Mile River, Hants County	92,975	84 345	7	
Total (silica sand)		93,085	84 445	7	4,142,510 ³
DIMENSION STONE					
Heritage Memorials Ltd. ²	Quarry: Nictaux, Annapolis County (granite) Plant: Windsor, Hants County	1,654	1 500	20	
Wallace Quarries Ltd.	Quarry: Wallace, (Sandstone) Cumberland County	278	252	included in aggregate	
Total (dimension stone)		1,932	1 752	20	299,500 ²
PEAT MOSS					
Annapolis Valley Peat Moss Company ²	Berwick, Kings County	4,900	4 445	25	
Clare Organic Products Ltd. ²	Meteghan Station, Digby County	5,000	4 536	20	
McDonald Peat Moss Limited ²	Kennetcook, Hants County	7,293	6 616	5	
Total (peat moss)		17,193	15 597	50	2,559,000 ^{2,3}
AGGREGATES					
Crushed Stone	Various	8,376,473	7 599 002	409	41,795,000
Sand and Gravel	Various	2,136,260	1 937 981	85	8,236,000
Total (aggregates)		10,512,733	9 536 983	494	50,031,000
TOTAL FOR INDUSTRIAL MINERALS⁶		20,852,403	18 916 965	1398	195,206,010
¹ total employees: mining, production, clerical, supervisory, etc. ² estimate from Nova Scotia Department of Natural Resources sources ³ processed or manufactured value ⁴ does not include the value of Lafarge Canada Inc. production, which value is included in the higher manufactured value (cement) ⁵ value included in the higher manufactured valuation (bricks) ⁶ excluding secondary mineral manufacturing (Table 1.5) Note: production represents shipments; numbers may not add to totals due to rounding					

Table 1.5. Secondary mineral manufacturing for the calendar year 2000.

COMPANY	LOCATION	PRODUCTION		TOTAL NUMBER EMPLOYED ¹	APPROX. SVALUE ²
		TONS	TONNES		
CLAY PRODUCTS					
Shaw Brick (a member of the Shaw Group Limited)	Lantz, Hants County	30,000	27 216	46	6,000,000
PORTLAND CEMENT					
Lafarge Canada Inc.	Brookfield, Colchester County	275,914	250 304	68	36,750,000
TOTAL FOR SECONDARY MINERAL MANUFACTURING				114	42,750,000
¹ total number of employees including office, clerical, supervisory, mining and production ² estimated from Nova Scotia Department of Natural Resources sources NOTE: Production represents shipments; numbers may not add to totals due to rounding					

mine, six surface coal mines, and a coal recovery project operating in the province. Production information for the mines is summarized in Table 1.3. The summaries below give brief details of the underground and surface coal mines operating in Nova Scotia.

Underground Coal Mine

CAPE BRETON DEVELOPMENT CORPORATION

Manager: T. MacNeil, Mine Manager, Prince Colliery

Address: P. O. Box 2500
Sydney, N. S. B1P 6K9

Raw Coal

Production: 934,678 tons (847 925 tonnes)
Employees: 500

The Cape Breton Development Corporation is a federal Crown Corporation that operates the underground Prince Mine at Point Aconi, Cape Breton County. The mine began underground production from the Hub Seam in 1975, initially using room and pillar methods. Mechanized retreat longwall operations began in 1980. The corporation's coal production is supplied to Nova Scotia Power Inc. (NSPI).

During 2000, coal was mined from the No. 1 North longwall panel and development work was carried out for the 2 North and 10 East longwall panels.

Surface Coal Mines

EVANS COAL MINES LIMITED

Manager: B. MacDonnell

Address: P. O. Box 1328

Antigonish, N. S. B2G 2L7

Production: 44,159 tons (40 060 tonnes) of coal
Employees: 29

Evans Coal Mines Limited began surface coal mining operations at St. Rose, Inverness County, in 1993, following the closure of the underground mine in 1992. Coal is extracted from the No. 5 Seam crown pillar and from the pillars left by the underground operation. During the year, mining continued in a block of coal north of the previously backfilled pit. Overburden and waste rock are removed by blasting and ripping by bulldozers. Material is loaded and hauled using hydraulic excavators and off road haul trucks.

Production from the Evans Mine is trucked to Pioneer Coal's facility in Stellarton for blending with other coals, and subsequently supplied to NSPI.

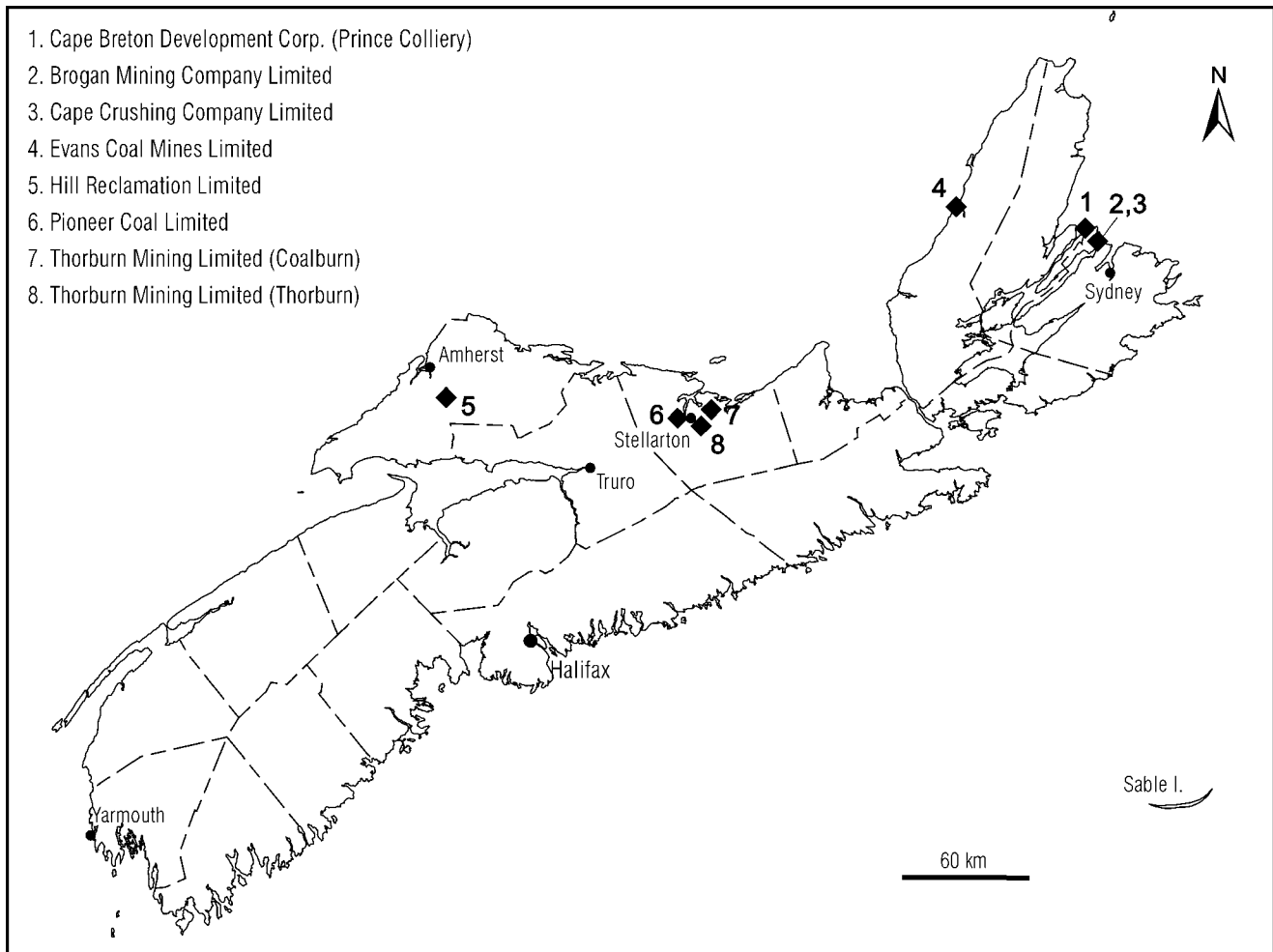


Figure 1.4. Location of coal mines in Nova Scotia, 2000.

PIONEER COAL LIMITED

Manager: C. Chisholm
 Address: P. O. Box 1328
 Antigonish, N. S. B2G 2L7
 Production: 204,622 tons (185 630 tonnes) of coal
 Employees: 35

Pioneer Coal began mining coal from the Foord Seam at the Stellarton mine site, Pictou County, in 1996. The Foord Seam is approximately 40 feet thick. Mechanical equipment is used to break the coal and overlying rock and the material is excavated using hydraulic excavators, conveyors and off-road haul trucks. Mining proceeded to the east during 2000. The company conducted mining operations at the site from January through June and November through December. Operations were affected by a labour

dispute between June and early November.

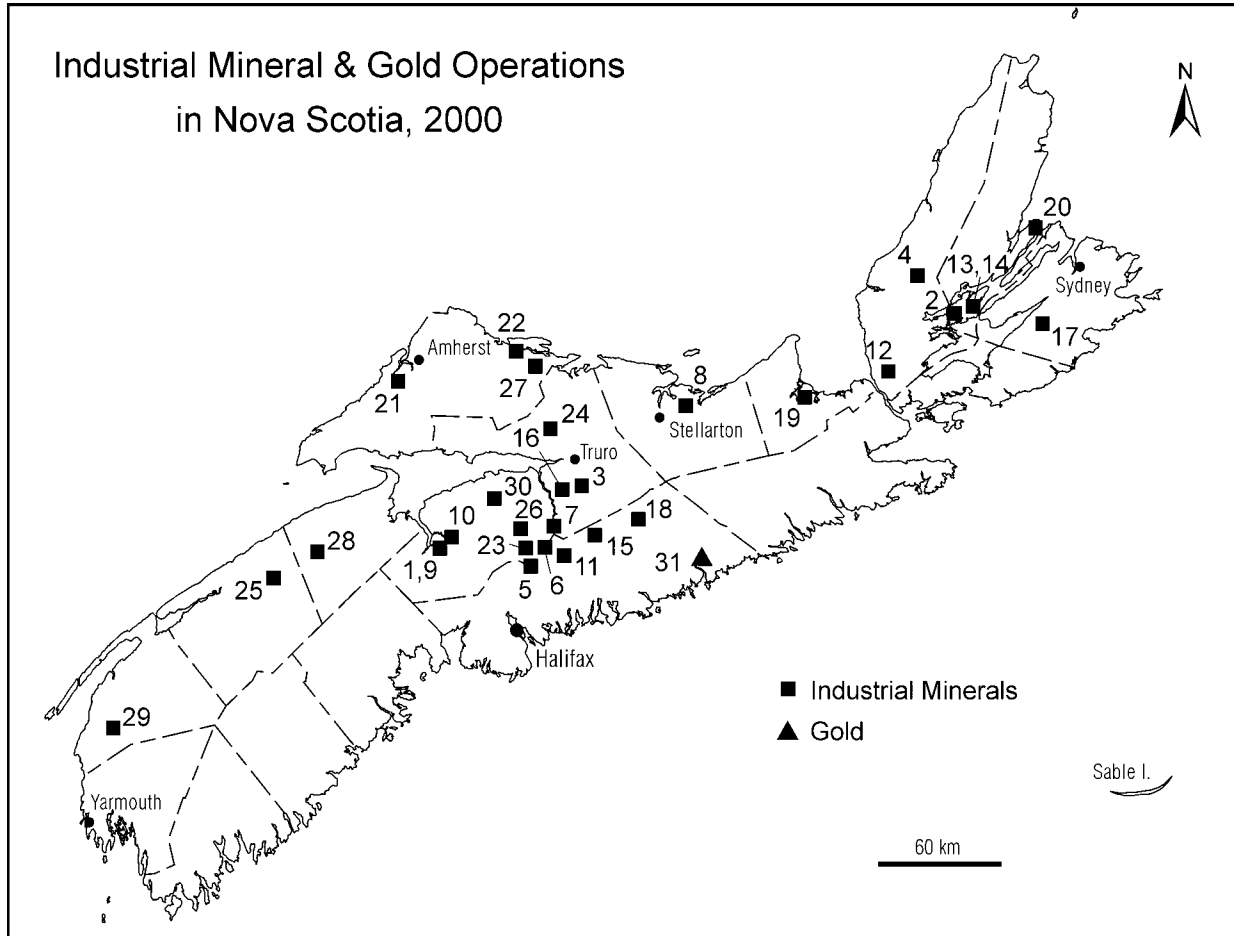
The coal mined from the Stellarton operation is blended on-site with coal trucked from the Evans Coal Mine, the Thorburn Mine and the Coalburn Mine, before being shipped to Nova Scotia Power generating stations.

THORBURN MINING LIMITED

Manager: C. Chisholm
 Address: P. O. Box 1328
 Antigonish, N. S. B2G 2L7

Thorburn Mine

Production: 6,614 tons (6 000 tonnes) of coal
 Employees: Included with the Coalburn Mine workforce



Anhydrite

- 1. Fundy Gypsum Co.
- 2. Little Narrows Gypsum Co.

Barite

- 3. E-Z-EM Canada Inc.
- 4. Lynx Minerals Inc.

Clay and Shale

- 5-8. Shaw Brick, a member of the Shaw Group Limited

Gypsum

- 9-10. Fundy Gypsum Co.
- 11. National Gypsum (Canada) Ltd.
- 12. Georgia-Pacific Corp.
- 13-14. Little Narrows Gypsum Co.
- 15. Tusket Mining Incorporated

Limestone & Dolomite

- 16. Lafarge Canada Inc.
- 17. Nova Scotia Power Incorporated
- 18. Mosher Limestone Co. Ltd.
- 19. Ridge Brokers Ltd.
- 20. Scotia Limestone Ltd.

Salt

- 21. Sifto Canada Inc.
- 22. The Canadian Salt Company Limited

Silica Sand

- 23. Shaw Resources, a member of the Shaw Group Limited
- 24. Lafarge Canada Inc.

Dimension Stone

- 25. Heritage Memorials Ltd.
- 26. Scotia Slate Products Ltd.
- 27. Wallace Quarries Ltd.

Peat Moss

- 28. Annapolis Valley Peat Moss Co.
- 29. Clare Organic Products Limited
- 30. MacDonald Peat Moss Limited

Gold

- 31. Dufferin Resources Inc.

Figure 1.5. Location of industrial mineral and gold operations in Nova Scotia, 2000.

Table 1.6. Metallic mineral production for the calendar year 2000.

COMPANY	LOCATION	PRODUCTION		TOTAL NUMBER EMPLOYED ¹	APPROX. VALUE(S) ²
		TROY OZ.	g		
GOLD					
Dufferin Resources Inc. ¹	Port Dufferin, Halifax County	0	0	10	0
TOTAL FOR METALLIC MINERAL PRODUCTION					
¹ operated for part of year only ² value based on average annual metal price NOTE: Production represents shipment					

Mining at the Thorburn site, Pictou County, began in June 1995. In 2000, the mine operated during October and November to recover a small block of the remaining coal.

Coal was extracted from the McBean Seam crown pillar and from pillars remaining from the former underground mining operations. The pit was expanded slightly to the north during 2000. Overburden and waste rock were removed by ripping with bulldozers. Material was loaded and hauled using hydraulic excavators and dump trucks. The seam varies in thickness from 4 to 7 feet. The mining carried out in 2000 completes the coal recovery planned by the company for this mine.

Production from the Thorburn Mine is trucked to Pioneer Coal's facility in Stellarton for blending with other coals, and subsequently supplied to NSPI.

Coalburn Mine

Production: 35,197 tons (31 930 tonnes) of coal
Employees: 23

The Coalburn Surface Coal Mine is located in Coalburn, Pictou County. The mine began operations in June 1999, extracting coal from both the Upper and Lower MacKay seams. The seams are approximately 3 feet in thickness. In 2000, the operator obtained revised permits to employ blasting and to use a highwall miner at the property. The highwall miner is a remotely

controlled system that extracts coal in a series of headings driven from the coal seam face in a surface cut.

Using surface mining methods, coal was extracted from both the Upper MacKay and the Lower Mackay seams in 2000. Where required, the overlying rock is broken by blasting and the material loaded and hauled using hydraulic excavators and off road haul trucks. The highwall miner was also successfully tested on the Upper MacKay seam during the year.

Production from the Coalburn Mine is trucked to Pioneer Coal's facility in Stellarton for blending with other coals, and subsequently supplied to NSPI.

CAPE CRUSHING COMPANY LIMITED

Manager: E. Brogan
Address: P. O. Box 265
North Sydney, N. S. B2A 3M3
Production: 12,770 tons (11 585 tonnes) of coal
Employees: 6

The company operates a small surface coal mine at Alder Point, Cape Breton County, to supply the local domestic market. The company's mining operation relocated to a new extraction area during the year. The new pit extracts coal from the Lloyd Cove (Bonar) Seam, in an area just south of previously mining, which was also on that seam. Mining is carried out using mechanical equipment to break the coal and overlying rock.

BROGAN MINING COMPANY LIMITED

Manager: R. Brogan
Address: 638 Bras d'Or Road
Florence, N. S. B1Y 1E4
Production: 60,627 tons (55 000 tonnes) of coal
Employees: 15

During the year, Brogan Mining Limited operated a surface coal mine at Little Pond, Cape Breton County. Coal is recovered from the Lloyd Cove (Bonar) coal seam. The overlying waste rock and coal are broken mechanically and mining is carried out using bulldozers, hydraulic excavators and dump trucks. The coal production is marketed to Nova Scotia Power Inc.

The company also carried out reclamation work at its mine sites at Toronto Road and Sullivan Creek, Cape Breton County, during 2000.

HILL RECLAMATION LTD.

Manager: M. McCormick
Address: R. R. #1
Springhill, N. S. B0M 1X0
Production: 11,105 tons (10 074 tonnes) of coal
Employees: 17

Hill Reclamation operates a rail bed coal recovery project near Springhill, Cumberland County. The company recovers coal from an abandoned railway bed and markets the coal to Nova Scotia Power Inc.

Industrial Minerals Mining

Gypsum and Anhydrite

FUNDY GYPSUM COMPANY

Manager: K. Hillman
Address: P. O. Box 400
Windsor, N. S. B0N 2T0
Production: 98,369 tons (89 238 tonnes) of
anhydrite
1,912,522 tons (1 735 009 tonnes) of
gypsum
Employees: 201

The Fundy Gypsum Company operates quarries and crushing plants in the Wentworth Road and Miller Creek areas near Windsor, Hants County. In 2000, the company produced gypsum from its Miller Creek quarry and both gypsum and anhydrite from the Wentworth quarry. The Wentworth ore is processed in the company's heavy media plant to separate the anhydrite and the gypsum.

The gypsum and anhydrite are transported by unit train to ship-loading facilities at Hantsport, a distance of 19 km. These products are shipped to wallboard and cement plants in the United States and Canada.

GEORGIA-PACIFIC CANADA, INC.

Manager: J. T. Kennedy
Address: P. O. Box 400
Port Hawkesbury, N. S. B0E 2V0
Production: 1,730,196 tons (1 569 606 tonnes) of
gypsum
Employees: 117

Georgia-Pacific Corporation operates a gypsum quarry at Sugar Camp, Inverness County, and began development of a gypsum quarry at Melford, Inverness County, during 2000.

Overburden at Sugar Camp is removed using trucks and shovels. The gypsum is drilled, blasted and transported to the crusher by trucks. Most of the quarry's production is transported by highway trucks to ship-loading facilities at Point Tupper, Richmond County, a distance of 19 km. Georgia-Pacific also supplies gypsum to the wallboard plant at Point Tupper.

LITTLE NARROWS GYPSUM COMPANY

Manager: B. H. Allan
Address: R. R. #1
Little Narrows, N. S. B0E 1T0
Production: 98,004 tons (88 907 tonnes) of
anhydrite
1,169,101 tons (1 060 590 tonnes) of
gypsum
Employees: 102

Little Narrows Gypsum Company Limited operates a gypsum quarry and an anhydrite quarry near Little Narrows, Victoria County. All the gypsum and anhydrite produced is shipped from the company's dock on the Bras d'Or Lakes to destinations in Canada and the United States.

NATIONAL GYPSUM (CANADA) LTD.

Manager: P. C. Mills
 Address: P. O. Box 57
 Milford Station, N. S. B0N 1Y0
 Production: 3,202,456 tons (2 905 217 tonnes)
 Employees: 100

National Gypsum (Canada) Ltd. operates the largest gypsum quarry in the province at East Milford, Halifax County. The gypsum is drilled, blasted and loaded onto trucks with loaders and hydraulic excavators. The gypsum is crushed, screened, and transported by unit train from Milford to Wright's Cove, Dartmouth, a distance of 45 km, where it is loaded onto ships for points in Canada and the United States.

TUSKET MINING INC.

Manager: C. E. Bain
 Address: P. O. Box 48100
 Bedford, N. S. B4A 3Z2
 Production: 0 tons (0 tonnes)

There was no activity at the Murchyville Mine, Halifax County, during the year. The site remains on a care and maintenance basis while markets for the gypsum are found.

Salt

THE CANADIAN SALT COMPANY LIMITED

Manager: A. W. Davidson
 Address: P. O. Box 160
 Pugwash, N. S. B0K 1L0
 Production: 923,196 tons (837 509 tonnes) of salt
 Employees: 197

The Canadian Salt Company Limited operates an underground salt mine at Pugwash, Cumberland County. The salt is mined by a room and pillar

system of extraction, using diesel/electric drills, undercutters, loaders and trucks. The primary production during the year was from the 1000 level with secondary production from the 830 level.

The processing plant at the site produces a wide range of salt products, including industrial grades of salt, salt blocks for farm use, and refined salt for domestic consumption. Transportation is by road, rail or from the company owned ship-loading facility at Pugwash.

SIFTO CANADA INCORPORATED

Manager: D. E. Dickie
 Address: P. O. Box 550
 Amherst, N. S. B4H 4A1
 Production: 82,112 tons (74 491 tonnes) of salt
 Employees: 43

Salt has been produced from the solution salt mine at Nappan, Cumberland County, since 1947. Salt is mined by pumping water into underground wells where salt is dissolved and the resulting brine solution is then returned to the surface. The salt is recovered from the brine in a processing plant, using a 'mechanical vapour recompression evaporating process' system. The plant produces a wide range of refined salt products.

During the year, salt was produced from the Nos. 6, 7 and 8 brine wells.

Barite

E-Z-EM CANADA, INC., NYSTONE DIVISION

Manager: V. J. Prostack
 Address: P. O. Box 69
 Debert, N. S. B0M 1G0
 Production: 543 tons (493 tonnes) of
 pharmaceutical grade barite
 Employees: 8

E-Z-EM Canada's barite deposit is located 1.6 km northeast of Brookfield, Colchester County. During 2000, approximately 3,313 tons of ore were produced from the surface mine. The ore was trucked to the company's plant at Debert where it was upgraded to a pharmaceutical quality product.

The refined product is shipped to the parent company, E-Z-EM Corporation, New York, USA, for further processing and packaging.

LYNX MINERALS INC.

Manager: G. W. Felderhof
Address: Box 6, Site 9, R. R. #1
Trenton, N. S. B0K 1Y0
Production: 0 tons of barite
Employees: 0

Lynx Minerals' barite deposit is located near Scotville, Inverness County. The company began initial production from the open pit mine in 1999; however, there was no production from the property in 2000. A diamond-drilling program was completed on the property during the year.

Limestone and Dolomite

LAFARGE CANADA INC.

Manager: D. Khan
Address: P. O. Box 5
Brookfield, N. S. B0N 1C0
Production: 817,356 tons (741 492 tonnes) of limestone
Employees: 16 (quarry) 52 (cement plant)

Lafarge Canada Inc. operates a limestone quarry near its Brookfield cement plant, 5 km west of Brookfield, Colchester County. The total production from the quarry is used at the cement plant.

MOSHER LIMESTONE COMPANY LIMITED

Manager: D. M. Mosher
Address: P. O. Box 28
Upper Musquodoboit, N. S. B0N 2M0
Production: 28,877 tons (26 197 tonnes) of dolomite/limestone
Employees: 30

Mosher Limestone operates a number of quarries near Upper Musquodoboit, Halifax County. The company produces agricultural grade dolomite/limestone in its grinding plant at Upper Musquodoboit. The product is bagged or supplied in bulk for distribution throughout the Atlantic

Provinces. The company also produces a pelletized limestone product for the domestic garden market.

NOVA SCOTIA POWER INCORPORATED (OPERATED BY KELLY ROCK LIMITED)

Manager: D. W. MacKenna (Kelly Rock Limited)
Address: P. O. Box 1206
Sydney, N. S. B1P 6J9
Production: 110,970 tons (100 670 tonnes) of limestone
Employees: 10

The limestone quarry at Glen Morrison, Cape Breton County, began production in 1993. The company produces several products at the on-site milling facility. During 2000, most of the production from this site was shipped to Point Aconi for use in the fluidized bed power generating station. Kelly Rock Limited operates the quarry on behalf of Nova Scotia Power.

RIDGE BROKERS LIMITED

Manager: E. Alward
Address: P. O. Box 2001
Havelock, N. B. E4Z 6H3
Production: 20,451 tons (18 553 tonnes) of limestone
Employees: 1

The company operates a small quarry at Southside Antigonish Harbour, Antigonish County, producing limestone for the agricultural market.

SCOTIA LIMESTONE LIMITED

Manager: D. M. Mosher
Address: P. O. Box 28
Upper Musquodoboit, N. S. B0N 2M0
Production: 3,307 tons (3 000 tonnes) of dolomite
Employees: 2

The Kelly's Cove dolomite quarry and plant operation is located near New Campbellton, Victoria County. The plant produces an agricultural grade dolomite for domestic sale, a ground dolomite product for coal mine stone dust, and dolomite products for the offshore steel

industry. All 2000 production came from the existing ore inventory and no mining took place at the site during 2000.

Clay

SHAW BRICK, A MEMBER OF THE SHAW GROUP LIMITED

Manager: B. Frizzell
Address: P. O. Box 2130
Lantz, N. S. B0N 1R0

Production: 30,000 tons (27 216 tonnes) of clay & shale

Employees: 11

Shaw Brick extracts clay from pits at Lantz, Milford and Shubenacadie, all in Hants County, and shale from quarries located in Hardwood Lands, Hants County, and New Glasgow, Pictou County. These materials are used in the company's plant in Lantz for the manufacture of bricks and other structural clay products.

Silica Sand

LAFARGE CANADA INC.

Manager: D. Khan
Address: P. O. Box 5
Brookfield, N. S. B0N 1C0
Production: 110 tons (100 tonnes) of silica sand
Employees: Included with the Brookfield Quarry workforce

Lafarge Canada Inc. extracted 100 tonnes of silica sand from stockpiles at its Belmont sand pit.

SHAW RESOURCES, A MEMBER OF THE SHAW GROUP LIMITED

Manager: G. Dickie
Address: P. O. Box 60
Shubenacadie, N. S. B0N 2H0
Production: 92,975 tons (84 345 tonnes) of silica sand
Employees: 7

Shaw Resources produces silica sand from a

deposit at West Indian Road, Hants County. This sand is processed into several silica sand products including glass-grade sand.

Dimension Stone

HERITAGE MEMORIALS LIMITED

Manager: G. Nelson
Address: P. O. Box 308
Windsor, N. S. B0N 2T0
Production: 1,654 tons (1 500 tonnes) of granite
Employees: 20

The company periodically operates a small quarry at Nictaux West, Annapolis County. The grey granite is used as dimension stone at the company's memorial manufacturing plant at Windsor, Hants County.

WALLACE QUARRIES LIMITED

Manager: S. Flynn
Address: P. O. Box 203
Wallace, N. S. B0K 1Y0
Production: 278 tons (252 tonnes) of building stone
Employees: 5

The Wallace Quarries, located near Wallace, Cumberland County, continued to supply building stone for major building rehabilitation work in Halifax and central Canada. Blocks of stone are sent for cutting to processing facilities in Nova Scotia, New Brunswick and Quebec to supply local markets.

Peat Moss

ANNAPOLIS VALLEY PEAT MOSS COMPANY LIMITED

President: H. Endres
Address: Berwick, N. S. B0P 1E0
Production: 4,900 tons (4 445 tonnes) of peat moss
Employees: 25

The company uses vacuum harvesters to recover agricultural peat from a 500 acre (200 ha) bog located near Berwick, Kings County. Baled peat products are shipped to markets in Canada, the

United States and Japan.

CLARE ORGANIC PRODUCTS LIMITED

Owner: Gerald Thimot
Address: Box 174-A, Saulnierville
Digby County, N. S. B0W 2Z0
Production: 5,000 tons (4 536 tonnes) of peat
moss (estimated)
Employees: 20

The company uses vacuum harvesters to recover agricultural peat from a 200 acre (81 ha) bog located near Meteghan Station, Digby County. The company has a contract to supply a major Maritime peat producer with baled peat destined for international markets.

MACDONALD PEAT MOSS LIMITED

Owner: Lameque Quality Group Ltd.
Address: 86 Tourbe Street
Lameque, N. B. E8T 1A3
Production: 7,293 tons (6 616 tonnes) of peat moss
(estimated)
Employees: 5

MacDonald Peat Moss Limited, a wholly-owned subsidiary of New Brunswick's Lameque

Quality Group Ltd., has lease rights to a 1700 acre (688 ha) peat bog located on Crown land, approximately 12 km west of Kennetcook, Hants County. The company began operations in 1999, exporting baled peat to international markets.

Aggregate Resources

Approximately 9.5 million tonnes of construction aggregates were produced in Nova Scotia in 2000. Twenty-five companies reported crushed stone production totaling 7.6 million tonnes while 30 producers reported sand and gravel production totaling 1.9 million tonnes. The majority of the aggregates were consumed within the province, with approximately 2 million tonnes exported.

Three companies eclipsed the 1 million tonne mark for crushed stone production in 2000. Rocky Lake Quarry Limited of Bedford, Nova Scotia, reported shipments of over 1.5 million tonnes, Conrad Brothers of Dartmouth produced 1.0 million tonnes and Martin Marietta Materials Canada Ltd. reported just over 2.2 million tonnes shipped.