

Appendix 1

Mining Industry Activity in Nova Scotia, 2002

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. The Nova Scotia Department of Natural Resources (DNR), along with Natural Resources Canada (Minerals and Metals Sector - Minerals and Mining Statistics Division), and Statistics Canada (Investment and Capital Stock Division), carries out the surveys. 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 mineral exploration expenditures in 2002 totalled \$3.45 million, up 8.4% from 2001 with an additional \$5.63 million spent on mine complex development (Table 1.1). Diamond-drilling was down appreciably to 3 500 metres. Capital expenditures at existing mines were much higher in 2002 totalling nearly \$17.0 million, while repair and

maintenance expenditures were also up slightly to \$18.1 million. Expenditures at aggregate producers are not included in Table 1.1.

Mining Leases

There was one new Mining Lease issued in the province during the year. MacLeod Resources Limited was issued a Mining Lease for its marble property at River Denys, Inverness County.

Mining Permits

The department also issued a new Mining Permit to MacLeod Resources Limited for its marble property at River Denys, Inverness County, during the year.

Production Information from Mines, Quarries and Other Operations

In 2002, the estimated value of Nova Scotia's mineral production, including secondary mineral processing, totalled \$269 million (Fig. 1.1), significantly lower than the total of \$316 million in

Table 1.1. Mining industry expenditures in 2001 and 2002.

	2001	2002 ¹
Mineral Exploration Expenditures² (field plus overhead)	\$3,177,805	3,446,198
Exploration diamond-drilling ²	5 100 m	3 500 m
Exploration drilling - other	N/A	N/A
Mine Complex Development Expenditures (field plus overhead)	\$7,945,857	\$5,627,259
Capital and Repair Expenditures at Mining Establishments		
Capital Expenditures	\$8,907,710	\$16,986,263
Repair and Maintenance Expenditures	\$16,767,531	\$18,118,072

¹preliminary

²includes deposit appraisal

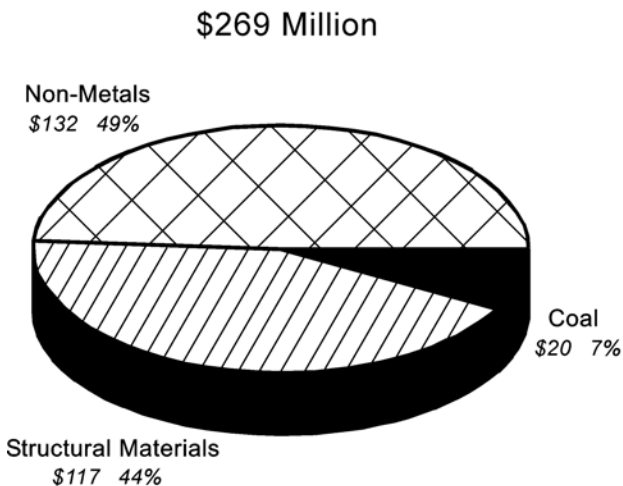


Figure 1.1. Value of mineral production, in millions of dollars and per cent, by commodity group.

2001 due mainly to reduced coal production. The production value of most other commodities increased during 2002. Employment in Nova Scotia's mineral industry totalled 1,431 persons (Fig. 1.2), a dramatic 28% decrease from the previous year, mainly due to the shutdown of underground coal mining in 2001. As well, there was reduced employment in the province's surface coal and salt mining operations in 2002.

There were no gold mines operating in the province in 2002 following the suspension of operations at the Dufferin Mine in Port Dufferin in late 2001.

Nova Scotia's 2002 gypsum production was 6.96 million tonnes shipped. This represents a 2 % increase over 2001 gypsum production. Gypsum is supplied mainly to wallboard plants along the U.S. Eastern Seaboard and central Canada. Nova Scotia is Canada's largest gypsum producer, accounting for more than 80% of the country's total production.

Nova Scotia's 2002 salt production decreased approximately 14% from 2001 to 952 000 tonnes.

Coal production was down sharply in 2002, to 374 000 tonnes. This production level reflected the closure of the Cape Breton Development Corporation's Prince Mine in Point Aconi, which

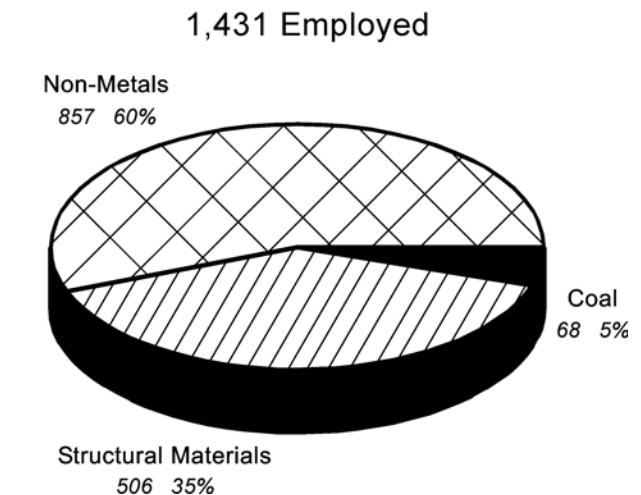


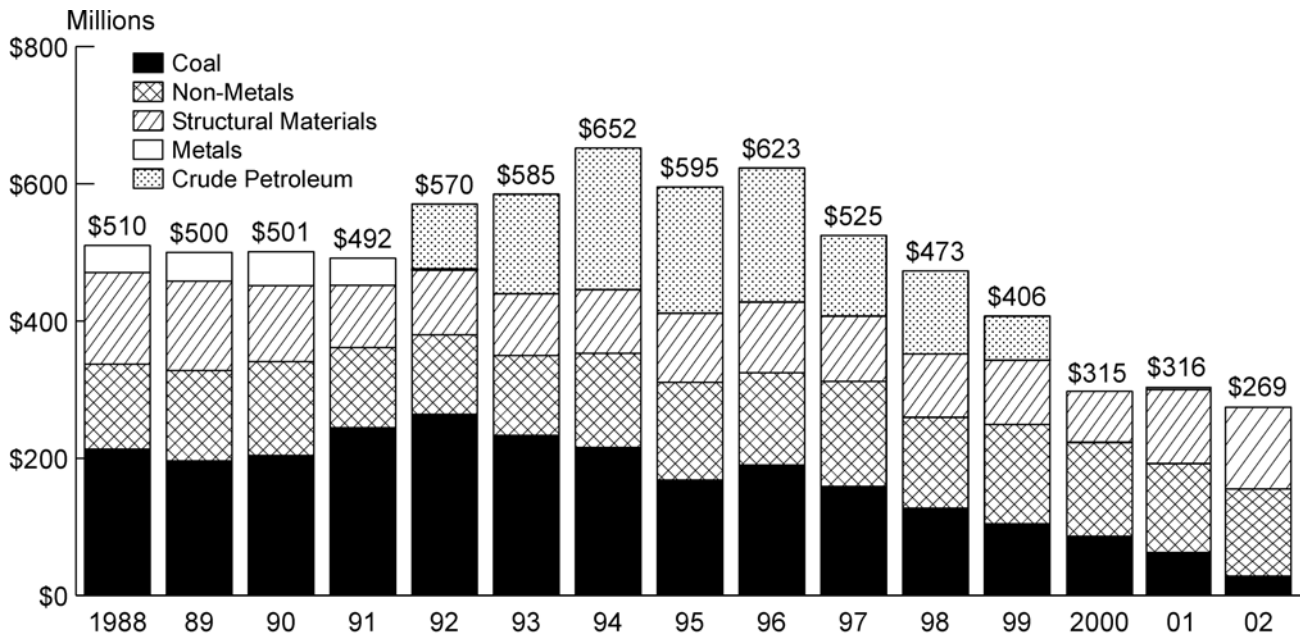
Figure 1.2. Employment, in numbers of persons and per cent, by mineral commodity group.

closed in late 2001. The mine closure marked the end of a long continuous history of underground coal mining in Nova Scotia reaching back to the early 1700s, and the end to coal mining operations by the Cape Breton Development Corporation.

Portland cement/clinker production increased 4% in 2002 to over 303 000 tonnes.

Overall, aggregate (crushed stone, sand and gravel) production increased approximately 12% from 2001 to 13.2 million tonnes. Crushed stone production was down 4% while sand and gravel production increased 60%. Peat moss production was higher in 2002 at over 5 000 tonnes.

In the years prior to 2000, the value of petroleum production was included in the overall value of Nova Scotia's mineral production. However, there has been no production of crude oil since 1999 (Fig. 1.3), and the production of offshore natural gas is not included in this appendix. The appendix covers non-petroleum sectors of the mineral industry (Table 1.2), providing a description of each mine site. Tables 1.3 to 1.5 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 2002 to 31 December 2002.



Includes secondary mineral processing where applicable

Figure 1.3. Historical trend in the value of mineral production in Nova Scotia, 1988-2002.

Metal and Gold Mines

Metal Mines

There were no producing metal mines in the province in 2002.

Gold Mines

There were no producing gold mines in the province in 2002.

Coal Mining Operations

During 2002, there were four active surface coal mines and a coal recovery project operating in the province. The use of innovative highwall mining technologies continued at specific surface mines that would normally have reached economic stripping limits. There were no producing underground coal mines in the province in 2002. Production information is summarized in Table 1.3. The summaries below provide details of the coal mines operating in Nova Scotia.

Surface Coal Mines

PIONEER COAL LIMITED

Manager: C. Chisholm
 Address: PO. Box 1328
 Antigonish, NS B2G 2L7
 Production: 246,801 tons (223 897 tonnes) of coal
 Employees: 23

Pioneer Coal mined coal from two steeply dipping seams at the Stellarton surface mine, Pictou County. The company has been mining on the Foord Seam since 1996 and began mining on the Cage Seam in 2001. The Foord Seam is approximately 12 metres thick and the Cage Seam approximately 5 metres thick.

In 2001, both conventional surface mining and highwall mining were used at Stellarton. However, in 2002 all production came from conventional surface mining, primarily from the Cage Seam. No blasting is used at the Stellarton mine. The coal and overlying rock material are excavated using hydraulic excavators, conveyors and off-road haul

Table 1.2. Summary of Nova Scotia mineral production, 2001 and 2002.

DESCRIPTION	2001		2002	
	VALUE ¹ (\$ thousands)	EMPLOYMENT*	VALUE ¹ (\$ thousands)	EMPLOYMENT*
<u>METALS</u>				
Gold	3,088	33	0	
Total metals	3,088	33	0	0
<u>INDUSTRIAL MINERALS</u>				
(Non-Metals)				
Anhydrite	***		1,073	
Barite	***		***	
Gypsum	75,466		80,037	
Limestone ² and Dolomite	5,030		3,894	
Peat	***		713	
Salt**	***		43,021	
Silica	***		***	
Total Non-Metals	135,618	894	132,145	857
(Structural Materials)				
Dimension Stone	***		***	
Cement**	***		***	
Clay Products**	***		***	
Crushed Stone	58,811		56,740	
Sand & Gravel	14,096		20,609	
Total Structural Materials	112,430	473	116,787	506
Total Industrial Minerals	248,048	1,367	248,932	1,363
FUELS				
Coal	65,000	588	20,000	68
TOTAL MINERAL PRODUCTION	316,136	1,988	268,932	1,431
CHANGE FROM PREVIOUS YEAR	+0.4%	-7%	-15%	-28%

¹Estimated from Department of Natural Resources sources

²Does not include the value of limestone quarried for cement production

* Average number of persons during production period

** Processed or manufactured value

*** Value not shown, but included in total

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

Table 1.3. Coal production for the calendar year 2002.

COMPANY	MINE NAME	LOCATION	PRODUCTION			APPROX. VALUE(\$) ²
			TONS	TONNES	TOTAL NUMBER EMPLOYED ¹	
SURFACE MINING						
Brogan Mining Company Limited	Little Pond Mine	Alder Point, Cape Breton County	40,112	36 389	20	
Cape Crushing Company Limited	Merritt Point Mine	Alder Point, Cape Breton County	21,187	19 221	10	
Hill Reclamation Limited		Springhill, Cumberland County	10,396	9 432	6	
Pioneer Coal Limited	Stellarton Mine	Stellarton, Pictou County	246,801	223 897	23	
Thorburn Mining Limited	Coalburn Mine	Coalburn, Pictou County	93,458	84 785	9	
Total for all coal producers			411,954	373 724	68	20,000,000

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

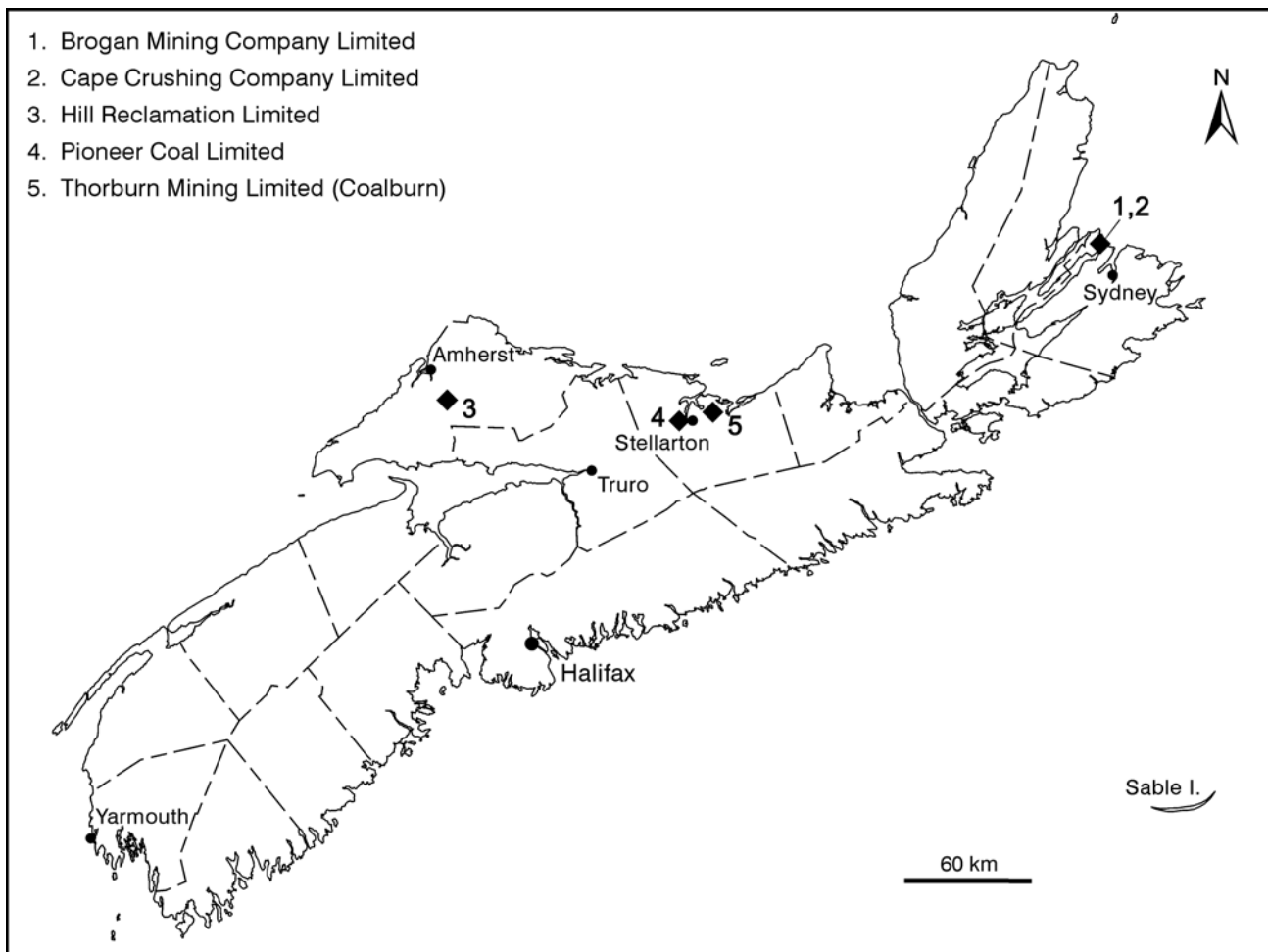


Figure 1.4 Location of coal mines in Nova Scotia, 2002.

trucks. Highwall ground control is enhanced using a large rock saw to establish pit walls.

The company conducted mining operations at the site from March through June, and September through December. Extensive reclamation work was conducted in January and February.

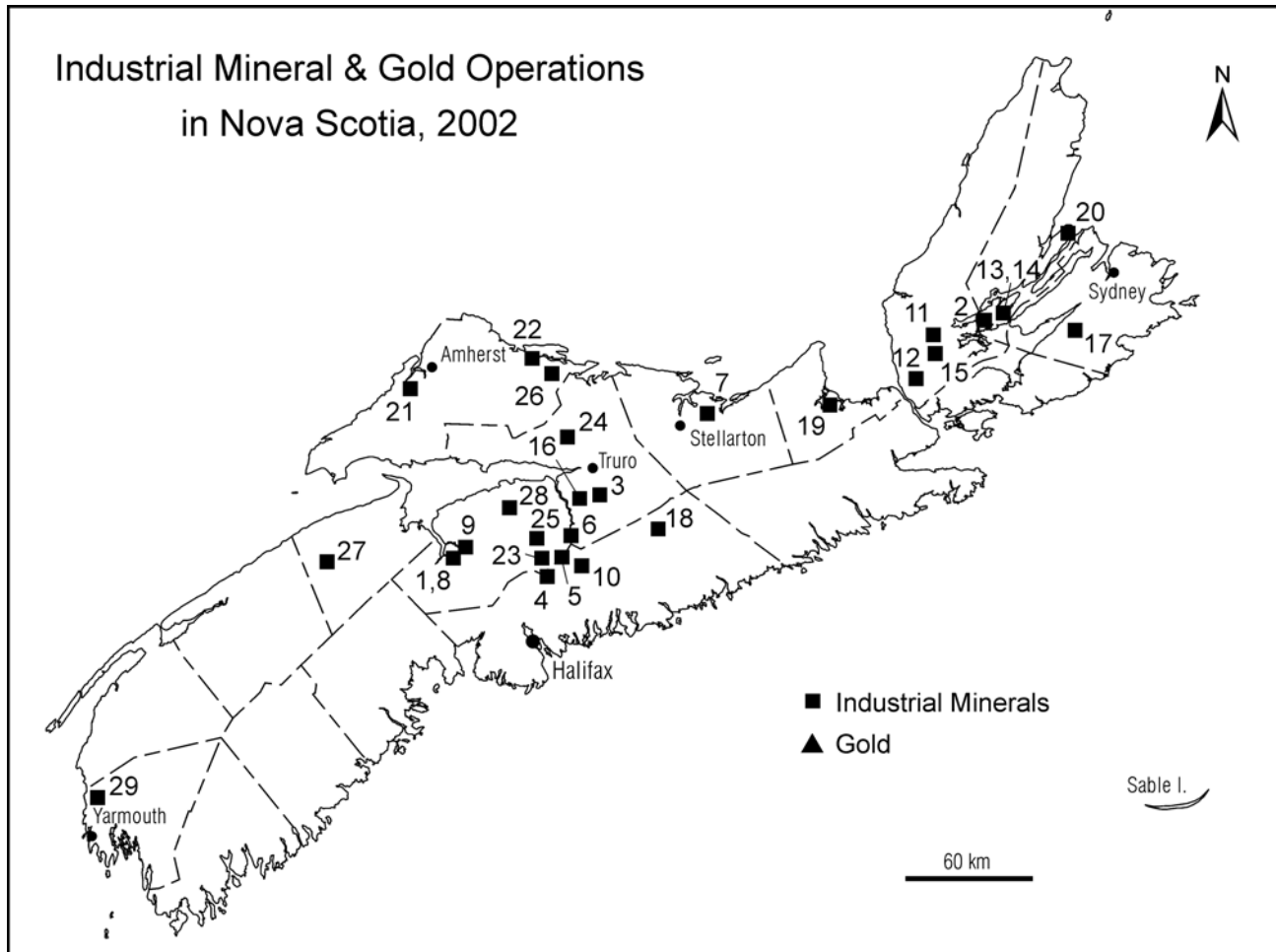
The coal mined at Stellarton is blended on-site with coal transported from the Coalburn Mine before being sold to Nova Scotia Power Inc. (NSPI) generating stations.

THORBURN MINING LIMITED

Manager: C. Chisholm
 Address: PO. Box 1328
 Antigonish, NS B2G 2L7
 Production: 93,458 tons (84 785 tonnes) of coal
 Employees: 9

The Coalburn surface mine is located in Coalburn, Pictou County. The mine began operations in June 1999, and extracts coal from both the Upper and Lower MacKay seams. The seams are approximately 1 metre in thickness. Mining is carried out using surface mining methods (including blasting) and highwall mining. Highwall mining is conducted using a remotely controlled coal-cutting machine that extracts coal in a series of headings driven from the exposed coal seam face at the toe of the highwall.

Production from the Coalburn Mine is blended at Pioneer Coal Limited’s facility in Stellarton and supplied to NSPI.



Anhydrite

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

Barite

- 3. E-Z-EM Canada Inc.

Clay and Shale

- 4-7. Shaw Brick, a member of the Shaw Group Limited

Gypsum

- 8-9. Fundy Gypsum Co.
- 10. National Gypsum (Canada) Ltd.
- 11-12. Georgia-Pacific Corp.
- 13-14. Little Narrows Gypsum Co.

Marble

- 15. MacLeod Resources Limited

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. Scotia Slate Products Ltd.
- 26. Wallace Quarries Ltd.

Peat Moss

- 27. Annapolis Valley Peat Moss Co.
- 28. MacDonald Peat Moss Limited
- 29. Clare Organics Products Limited

Figure 1.5. Location of industrial mineral and gold operations in Nova Scotia, 2002.

Table 1.4. Industrial mineral production for the calendar year 2002.

COMPANY	LOCATION	PRODUCTION		TOTAL NUMBER EMPLOYED ¹	APPROXIMATE VALUE (\$) ²
		TONS	TONNES		
GYPSUM					
Fundy Gypsum Company	Miller Creek and Wentworth Road, Hants County	1,624,470	1 473 710	185	
Georgia-Pacific Canada, Inc.	Melford and Sugar Camp, Inverness County	1,612,229	1 462 605	111	
Little Narrows Gypsum Company	Little Narrows, Victoria County	1,307,285	1 185 961	97	
National Gypsum (Canada) Limited	East Milford, Halifax County	3,123,300	2 833 439	97	
Total (gypsum)		7,667,284	6 955 715	490	80,037,000
ANHYDRITE					
Fundy Gypsum Company	Wentworth Road, Hants County	53,744	48 757	included in gypsum	
Little Narrows Gypsum Company	Little Narrows, Victoria County	49,032	44 482	included in gypsum	
Total (anhydrite)		102,776	93 239		1,073,000
SALT					
The Canadian Salt Company Limited	Pugwash, Cumberland County	953,162	864 703	196	
Sifto Canada Inc.	Nappan, Cumberland County	96,708	87 733	37	
Total (salt)		1,049,870	952 436	233	43,021,000
LIMESTONE AND DOLOMITE					
Lafarge Canada Inc.	Brookfield, Colchester County	585,187	530 878	16	
Mosher Limestone Company Limited	Upper Musquodoboit, Halifax County	25,353	23 000	23	
Nova Scotia Power Incorporated	Glen Morrison, Cape Breton County	113,267	102 755	10	
Ridge Brokers Limited	Southside Harbour, Antigonish County	4,540	4 119	1	
Scotia Limestone Limited	Kelly Cove, Victoria County			2	
Total (limestone and dolomite)		728,347	660,752	52	3,894,000 ⁴
BARITE					
E-Z-EM Canada Inc.	Brookfield, Colchester County	460	417	12	
Total (barite)		460	417	12	*

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)	Lantz and Milford, Hants County New Glasgow, Pictou County	34,171	31 000	see clay products Table 1.5	n/a ⁵
Total (clay and shale)		34,171	31 000	see clay products Table 1.5	n/a ⁵
SILICA SAND					
Shaw Resources (a member of the Shaw Group Limited)	Nine Mile River, Hants County	74,207	67 320	7	
Total (silica sand)		74,207	67 320	7	*
DIMENSION STONE					
Scotia Slate Products Ltd.	Rawdon Hills, Hants County	n/a	n/a	17	
Wallace Quarries Ltd.	Quarry: Wallace, (Sandstone) Cumberland County	9,524	8,640	6	
Total (dimension stone)		n/a	n/a	23	*
PEAT MOSS					
Annapolis Valley Peat Moss Company ²	Berwick, Kings County	3,091	2 804	23	
Clare Organic Products Limited	Clare, Yarmouth County	1,180	1 071	n/a	
McDonald Peat Moss Limited ²	Kennetcook, Hants County	1,294	1,174	30	
Total (peat moss)		5,566	5 049	n/a	713,000
AGGREGATES					
Crushed Stone	Various	9,266,547	8 406 556	243	56,740,000
Sand and Gravel	Various	5,230,625	4 745 192	127	20,609,000
Total (aggregates)		14,497,172	13 151 748	370	71,349,000
TOTAL FOR INDUSTRIAL MINERALS⁶		24,169,377²	21,926,316²	1 250²	210,358,000
* value not shown, but included in total 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 2002.

COMPANY	LOCATION	PRODUCTION		TOTAL NUMBER EMPLOYED ¹	APPROX. \$VALUE ²
		TONS	TONNES		
CLAY PRODUCTS					
Shaw Brick (a member of the Shaw Group Limited)	Lantz, Hants County	34,171	31 000	48	*
PORTLAND CEMENT					
Lafarge Canada Inc.	Brookfield, Colchester County	334,394	303 360	65	*
TOTAL FOR SECONDARY MINERAL MANUFACTURING				113	38,574,000
* value not shown, but included in total					
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					

CAPE CRUSHING COMPANY LIMITED

Manager: E. Brogan
 Address: PO. Box 265
 North Sydney, NS B2A 3M3
 Production: 21,187 tons (19 221 tonnes) of coal
 Employees: 10

The company operates a small scale surface coal mine at Alder Point, Cape Breton County. The mine extracts coal from the Lloyd Cove (Bonar) seam using excavators, bulldozers and dump trucks. Following the recovery of remnants of underground coal pillars, the site is progressively backfilled and reclaimed to a more stable condition.

Product is sold to the local domestic home heating market and NSPI.

BROGAN MINING COMPANY LIMITED

Manager: R. Brogan
 Address: 638 Bras d'Or Road
 Florence, NS B1Y 1E4
 Production: 40,112 tons (36 389 tonnes) of coal
 Employees: 20

Brogan Mining Company Limited operated a small surface coal mine at Little Pond, Cape Breton County. Coal is mined from the Lloyd Cove (Bonar) seam in an area containing extensive underground mine workings. In 2002, mining progressed to the south and encountered the workings of the Alexander Mine.

The overlying overburden, waste rock and coal are mined and reclaimed using a dragline, bulldozers, excavators and dump trucks. The coal production is marketed to NSPI.

HILL RECLAMATION LTD.

Manager: M. McCormick
 Address: R. R. #1
 Springhill, NS B0M 1X0
 Production: 10,396 tons (9 432 tonnes) of coal
 Employees: 6

Hill Reclamation operates a coal recovery plant near Springhill, Cumberland County. The company reclaims coal from material excavated from an abandoned railway bed. Coal is recovered in a heavy media wash plant. The coal is marketed to NSPI.

Industrial Minerals Mining**Gypsum and Anhydrite****FUNDY GYPSUM COMPANY**

Manager: K. Hillman
 Address: PO Box 400
 Windsor, NS B0N 2T0
 Production: 53,744 tons (48 757 tonnes) of anhydrite
 1,624,470 tons (1 473 710 tonnes) of gypsum
 Employees: 185

The Fundy Gypsum Company operates quarries and crushing plants in the Wentworth Road and Miller Creek areas near Windsor, Hants County. In 2002, the company produced gypsum from its Miller Creek quarry and both gypsum and anhydrite from the Wentworth quarry. Rock is drilled, blasted and loaded onto trucks with loaders and hydraulic excavators.

The Wentworth ore is processed in the company's heavy media plant to separate anhydrite and gypsum.

Crushed 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: PO Box 400
 Port Hawkesbury, NS B0E 2V0
 Production: 1,612,229 tons (1 462 605 tonnes) of gypsum
 Employees: 111

Georgia-Pacific Canada Inc. operates gypsum quarries at Sugar Camp and Melford, Inverness County. Gypsum is drilled, blasted and loaded onto trucks with loaders and hydraulic excavators at both mines.

Gypsum is transported by highway trucks to ship-loading facilities at Point Tupper, Richmond County. These products are shipped to wallboard and cement plants in the United States.

LITTLE NARROWS GYPSUM COMPANY

Manager: M. W. Bishop
 Address: R. R. #1
 Little Narrows, NS B0E 1T0
 Production: 49,032 tons (44 482 tonnes) of anhydrite
 1,307,285 tons (1 185 961 tonnes) of gypsum
 Employees: 97

Little Narrows Gypsum Company operates a gypsum quarry and an anhydrite quarry near Little Narrows, Victoria County. The gypsum is drilled, blasted and loaded onto trucks with loaders and hydraulic excavators. 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: PO Box 57
 Milford Station, NS B0N 1Y0
 Production: 3,123,300 tons (2 833 439 tonnes) of gypsum
 Employees: 97

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. Product is loaded onto ships for customers in Canada and the United States. The quarry also sells products within Nova Scotia for use in cement manufacturing.

Salt

THE CANADIAN SALT COMPANY LIMITED

Manager: A. W. Davidson
 Address: PO Box 160
 Pugwash, NS B0K 1L0
 Production: 953,162 tons (864 703 tonnes) of salt products
 Employees: 196

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. Production during the year was from the 1000 and 830 levels.

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: PO Box 550
Amherst, NS B4H 4A1
Production: 96,708 tons (87 733 tonnes) of salt products
Employees: 37

Salt has been produced from the solution salt mine at Nappan, Cumberland County, since 1947. Salt is extracted by solution mining where water is pumped in underground wells and the salt is dissolved. 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.

Development continued on two new brine wells that were drilled in 2001. Salt was produced from the Nos. 7, 9, and 10 brine wells.

Barite

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

Manager: V. J. Prostack
Address: PO Box 69
Debert, NS B0M 1G0
Production: 460 tons (417 tonnes) of pharmaceutical barite
Employees: 12

E-Z-EM Canada's barite deposit is located 1.6 km northeast of Brookfield, Colchester County. During 2002, there was no production from the surface mine; however, 2369 tonnes of ore previously trucked to the company's plant at Debert were processed to a pharmaceutical grade product. The refined product is shipped to the parent company, E-Z-EM Corporation, New York, USA, for further processing and packaging.

Limestone and Dolomite

LAFARGE CANADA INC.

Manager: J. Cross
Address: PO Box 5
Brookfield, NS B0N 1C0
Production: 585,187 tons (530 878 tonnes) of limestone
Employees: 16 (quarry) 65 (cement plant)

Lafarge Canada Inc. operates a limestone quarry and crushing plant adjacent to its Brookfield cement plant. The plant is located in Pleasant Valley, 5 km west of Brookfield, Colchester County. Overburden is removed and limestone and waste rock are drilled, blasted and loaded on off-road haul trucks by excavators.

During 2002 cement kiln #2 operated for eleven months and kiln #1 operated for three months. All of the limestone produced from the quarry is used to manufacture Portland cement products.

MOSHER LIMESTONE COMPANY LIMITED

Manager: D. M. Mosher
Address: PO Box 28
Upper Musquodoboit, NS B0N 2M0
Production: 25,353 tons (23 000 tonnes) of dolomite/limestone
Employees: 23

Mosher Limestone operates a number of quarries near Upper Musquodoboit, Halifax County. In 2002 production was limited to the Hutchinson Settlement quarry. 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: PO Box 1206
Sydney, NS B1P 6J9

Production: 113,267 tons (102 755 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 2002, most of the production from this site was shipped to Point Aconi for use in the NSPI fluidized bed power generating station. Kelly Rock Limited operates the quarry on behalf of Nova Scotia Power.

RIDGE BROKERS LIMITED

Manager: E. Alward
 Address: PO Box 2001
 Havelock, NB E4Z 6H3
 Production: 4,540 tons (4 119 tonnes) of limestone
 Employees: 1

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

During 2002, no mining or crushing took place. Limestone was shipped from on-site crushed rock stockpiles.

SCOTIA LIMESTONE LIMITED

Manager: D. M. Mosher
 Address: PO Box 28
 Upper Musquodoboit, NS B0N 2M0
 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. In 2002 there was limited recrushing and grinding from on-site ore inventory. No mining took place at the site during the year.

Marble

MACLEOD RESOURCES LIMITED

Manager: C. Trider

Address: PO Box 10
 River Denys, NS B0E 2Y0
 Production: 0 tons (0 tonnes) of marble
 Employees: n/a

MacLeod Resources was issued a mining permit in November 2002 to mine marble at River Denys. Site activity included the construction of buildings associated with future mining activities.

Clay

SHAW BRICK, A MEMBER OF THE SHAW GROUP LIMITED

Manager: B. Frizzell
 Address: PO Box 2130
 Lantz, NS B0N 1R0
 Production: 34,171 tons (31 000 tonnes) of clay & shale
 Employees: 48

Shaw Brick extracts clay from pits at Lantz, Milford and Shubenacadie, all in Hants County, and shale from quarries located in Hardwoodlands, 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

SHAW RESOURCES, A MEMBER OF THE SHAW GROUP LIMITED

Manager: S. Smith
 Address: PO Box 60
 Shubenacadie, NS B0N 2H0
 Production: 74,207 tons (67 320 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.

In 2002 all production came from existing on-site stockpiles.

Dimension Stone

WALLACE QUARRIES LIMITED

Manager: S. Flynn
Address: PO Box 203
Wallace, NS B0K 1Y0
Production: 9,524 tons (8 640 tonnes) of building
stone
Employees: 6

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.

Slate

SCOTIA SLATE PRODUCTS LTD.

President: D. Donovan
Address: Box 12, Comp 3
Kennetcook, NS B0N 1P0
Employees: 17

The company produces a range of slate products from its quarry at Rawdon Hills, Hants County.

Peat Moss

**ANNAPOLIS VALLEY PEAT MOSS
COMPANY LIMITED**

President: H. Endres
Address: Berwick, NS B0P 1E0
Production: 3,091 tons (2 804 tonnes) of peat
moss
Employees: 23

The company uses vacuum harvesters to recover agricultural peat from a 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

President: G. Thimot
Address: 30 Common Cross Rd. RR#1
Box 174A
Saulnierville NS B0W 2Z0
Production: 1,180 tons (1 071 tonnes) of peat
moss
Employees: n/a

**MACDONALD PEAT MOSS LIMITED/
TOURBIERE MACDONALD LIMITEE**

Owner: Lameque Quality Group Ltd.
Address: 86 Tourbe Street
Lameque, NB E8T 1A3
Production: 1,294 tons (1 174 tonnes) of peat
moss
Employees: 30

MacDonald Peat Moss Limited, a wholly-owned subsidiary of New Brunswick's Lameque Quality Group Ltd., has lease rights to a 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 13.2 million tonnes of construction aggregate were produced in Nova Scotia in 2002. Crushed stone production totalled 8.4 million tonnes and sand and gravel production totalled 4.75 million tonnes. The majority of the aggregate was sold within the province with some transported by barge for the export market.