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(Oxon.), F.S.S., F.R.S.C.

Dominion Statistician; S. A. Cudmore, W. A. Chief - Mining, Metallurgical and Chemical Branch: Mining Statistician:

W. H. Losee, B.Sc. R. J. McDowell, B.Sc.

DIAMOND DRILLING INDUSTRY, 1941

OTTAWA - CANADA

PROPERTY OF THE

The number of firms reported as actively engaged in the contract diamond drilling of Caradian mining properties in 1941 totalled 27 compared with 32 in 1940. Operations were conducted in Nova Scotia, Quebec, Ontario, Manitoba, Saskatchewan, Alberta, British Columbia and the Northwest Territories. The income received by the industry from contract drilling operations completed during the year under review amounted to \$3,122,487 as against \$3,021,629 in the preceding year. The number of employees in 1941 was reported at 1,455 and the amount of salaries and wages distributed totalled \$1,535,609. The footage drilled during 1941 in the entire Dominion aggregated 2,795,420 feet, of which 59 per cent was completed in Ontario, 27 per cent in Quebec and 10 per cent in British Columbia.

The industry as a whole purchased, in 1941, borts, ballas, carbons, readyset and cast bits, etc., valued at \$861,253 compared with \$881,085 in 1940.

Not included in this survey are data relating to the drilling of gas and oil wells and diamond drilling conducted by Canadian mining companies with their own personnel and equipment. Statistics relating to these particular operations are combined with those pertaining to the Canadian mining industry proper. In this regard, it is interesting to note that the use of diamond drills in stoping and other rock breaking operations has increased rapidly during recent years; Noranda Mines Limited reported that in 1941 the use of diamond drills by this Company alone, instead of percussion rock drills, for breaking ore in stopes was increased about 32 per cent over that of the previous year, some 363,800 feet of diamond drilling having been done for that purpose. The use of mechanically set bits has increased greatly and it was reported that various bits consisting of very small diamonds or diamond dust bonded by sintered powdered metal were marketed in 1941. More and smaller stones (25-80 per carat) together with improved alloy bonds are now being used in drilling bits.

United States price administrator, Henderson, declared on May 6, 1942 that industrial diamonds, vital in the war effort because of their widespread use in machine tools, or cutting, sharpening, drilling, and marking, are subject to the general maximum United States price regulation, issued April 28.

CONTRACT DIAMOND DRILLING OPERATIONS IN CANADA, 1940

Province	Footage drilled	Income from drilling	Number of employees	Total wages
1 4 O A T 11 O C	(L) 2 1 1 0 1 0	\$	Omp 20 7 000	\$
Nova Scotia	7,463	15,300	16	7,282
New Brunswick				
Quebec	772,493	1,035,885	400	428,761
ntario	1,302,848	1,556,927	707	829,341
lanitoba	14,189	18,657	15	6,009
askatchewan	25,473	31,617	10	10,496
lberta	***			
British Columbia	277,793	332,434	185	283,558
ukon	***		c • •	
Northwest Territories	22,689	30,809	17	10,339
CANADA	2,422,948	3,021,629	1,350(a)	1,575,786

Value of stones, readyset and cast set bits purchased, 1940

\$881,085

⁽a) Includes part-time employees.

CONTRACT DIAMOND DRILLING OPERATIONS IN CANADA, 1941

				Total
Province	Footage	Income from	Number of	salaries an
	drilled	drilling	employees	wages paid
		\$		\$
Nova Scotia	4,640	8,351	7	4,021
New Brunswick				
Quebec	759,506	895,169	365	400,870
Outario	1,653,075	1,736,464	866	913,873
Manituba	19,400	23,606	36	9,089
Saskatchewan	25,543	24,805	14	8,970
Alberta	3,288	3,017	1	458
British Columbia	298,273	387,677	144	181,765
Yukon				
Northwest Territories	29,695	43,398	22	16,563
CANADA	2,793,420	3,122,487	1,455(a)	1,535,609
Value of stones, readyset and cast set bits ourchased, 1941				

(a) Includes part-time employees.

THE FOREGOING COMPILATION WAS MADE FROM RETURNS FOR 1941 RECEIVED FROM THE FOLLOWING FIRMS

Name of Firm

Anderchek, J. M. Anderson, Anton Arno Diamond Drilling Co. Ltd. Baderski, Frank & Son Faker and Baker / Boyles Bros. Drilling Co. Ltd. Boyles Bros. Drilling (Eastern) Ltd. Burton, Archie S. Connors, T., Diamond Drilling Co. Ltd. Continental Diamond Drilling Co. Ltd. Demorest Drilling Ltd. Dubenski Diamond Drilling Heath & Sherwood Inspiration Mining & Development Co. Ltd. Johnson, W. R. G., and Ellis, Chas. R. + Kuntz, Harry, J. Labine Bros. Lantz Diamond Drilling Co. Ltd. Larocque, T. E. Marks & Erikson / McIsase, R. M. Morissette, N., Diamond Drilling Ltd. Moulton, E. #
Mumford, Medland, Ltd. #
Ontario Diemond Drilling Co. Ltd. Prospect Drilling & Development Co. Ltd. / Robinson Contracting Co. Ltd. Ryan Diamond Drilling Co. Ltd. Smith, Oscar R., Diamond Drilling Co. Ltd. / Smith & Travers Co., Ltd. Sprague & Henwood Ltd. Sudbury Diamond Drilling Co. Ltd.

Head Office Address

210 Mountjoy St. S., Timmins, Ont. 20 Patricia Blvd., Timmins, Ont. 16½ Pine St. N., Timmins, Ont. Schumacher Road, Timmins, Ont. Val d'Or, Que. 1291 Parker St., Vencouver, B.C. 1291 Parker St., Vancouver, B.C. 352 Howey Cres., Sudbury, Ont. 744 W. Hastings St., Vancouver, B.C. Rouyn, Que. Noranda, Que. 19 Regina Ave., Kenora, Ont. 6 Duncan Ave., Kirkland Lake, Ont. Amos, Que. Hearst, Ont. McKenzie Island, Ont. McKenzie Island, Ont. Red Lake, Ont. 10 rue Frontenac, Val d'Or, Abitibi, Que. Quyon, Que. Flin Flon, Man. Box 440, Haileybury, Ont. Prescott, Ont.

576 Wall St., Winnipeg, Man.

203 Mackey Bldg., Sudbury, Ont.

152 Highbourne Rd., Toronto, Ont.

850 Hastings St. W., Vancouver, B.C.

217 Spruce St. S., Timmins, Ont. 443 Howey Crescent, Sudbury, Ont. 208 Welnut St., Sudbury, Ont. 227 Oak St. W., North Bay, Ont. 510 Montreal Trust Bldg., 67 Yonge St., Toronto, Ont. Variouver Island Drilling & Exploration Co. Ltd. 604 Bank of Toronto Bldg., Victoria, B.C.

/ No operations in 1941.

