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CANADA

CONTRACT DRILLING IN THE MINING INDUSTRY 1953



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NOTICE

The annual reports prepared by the Industry and Merchandising Division of the Bureau of Statistics are divided into 3 volumes, as follows: Volume I — The Primary Industries, including mining, forestry and fisheries; Volume II — Manufacturing; Volume III — Merchandising and Services. The volumes are made up of parts, and the parts in turn are subdivided according to the industries which they comprise.

Volume I consists of the following parts:

- Part I — Mineral Statistics
- Part II — Forestry Statistics — Operations in the Woods
- Part III — Fisheries Statistics

Part I includes the following reports which constitute the complete series on Mineral Statistics of Canada. Individual reports are issued as the information becomes available; they are arranged in a form suitable for binding.

- A — General Review of the Mining Industry, 50¢
- B — The Gold Mining Industry, 50¢
- C — The Silver-Lead-Zinc Mining Industry, 25¢
- D — The Nickel-Copper Mining, Smelting and Refining Industry, 25¢
- E — The Miscellaneous Metal Mining Industry, 25¢
- F — The Non-ferrous Smelting and Refining Industry, 25¢
- G — The Coal Mining Industry, \$1.00
- H — The Crude Petroleum and Natural Gas Industry, 25¢
- I — The Asbestos Mining Industry, 25¢
- J — The Feldspar and Quartz Mining Industry, 25¢
- K — The Gypsum Industry, 25¢
- L — The Peat Industry, 25¢
- M — The Salt Industry, 25¢
- N — The Talc and Soapstone Industry, 25¢
- O — The Miscellaneous Non-metal Mining Industry, 25¢
- P — The Cement Manufacturing Industry, 25¢
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- R — The Lime Industry, 25¢
- S — The Sand and Gravel Industry, 25¢
- T — The Stone Industry, 25¢
- U — Contract Drilling in the Mining Industry, 25¢

CONTRACT DRILLING IN THE MINING INDUSTRY

1953

(Diamond drilling of deposits other than fuels)

During 1953 the footage drilled by contract diamond drilling was 5,258,870 compared with 5,180,783 in 1952. Income received from drilling was \$15,779,420. There were 45 firms reporting their operations in this industry. Drilling was reported in all provinces except Prince Edward Island.

The average number of employees was estimated at 2,238 and the salaries and wages totalled \$7,110,188.

Equipment owned by the operators included 333 air or steam-driven drills and 501 gasoline-driven drills.

TABLE 1. Contract Diamond Drilling Operations, 1944-1953 (Drilling operations conducted by contractors who employed diamond drills only, and which were confined chiefly to the testing of metalliferous deposits)

Year	Footage drilled	Income from drilling	Average number of employees	Total salaries and wages paid
		\$		\$
1944	3,468,797	4,970,247	1,468	2,461,813
1945	5,262,438	8,650,864	2,263	3,906,545
1946	6,260,513	11,786,846	2,829	5,285,695
1947	4,072,622	6,635,476	1,838	3,179,473
1948	4,027,977	5,801,117	1,281	2,723,530
1949	4,777,015	7,570,454	1,415	3,423,124
1950	6,006,747	9,492,679	1,862	4,532,903
1951	5,091,514	12,357,329	2,431	5,996,026
 1952				
Newfoundland	69,252	297,699	53	124,882
Nova Scotia	43,034	104,266	27	39,771
New Brunswick	54,792	187,578	31	75,610
Quebec	1,774,428	4,533,190	677	2,065,927
Ontario	2,237,431	5,914,306	1,035	2,959,444
Manitoba	386,332	1,227,810	198	644,172
Saskatchewan	251,150	662,666	81	300,357
Alberta	21,175	218,528	38	148,313
British Columbia	214,594	1,051,662	138	506,443
Northwest Territories	125,289	416,462	43	169,274
Yukon	3,306	53,680	24	85,521
 Canada	5,180,783	14,667,847	2,345	7,119,714
 1953				
Newfoundland	57,213	223,506	44	88,224
Nova Scotia	19,873	78,919	14	26,293
New Brunswick	397,572	1,261,478	159	534,475
Quebec	943,672	2,642,346	396	1,219,144
Ontario	1,565,751	4,760,670	854	2,326,869
Manitoba	449,332	1,781,669	251	893,204
Saskatchewan	491,656	2,079,652	158	644,086
Alberta	33,599	248,072	53	158,922
British Columbia	951,717	1,835,830	175	738,419
Northwest Territories	327,222	654,744	98	359,519
Yukon	21,263	212,534	36	121,033
 Canada	5,258,870	15,779,420	2,238	7,110,188

TABLE 2. Value of Stones, Readyset and Castset Bits, Purchased by Contractors, 1944-1953

Year	Value	Year	Value
	\$		\$
1944	810,085	1949.....	1,379,793
1945	2,018,768	1950.....	1,640,194
1946	2,192,615	1951.....	2,390,351
1947	1,418,831	1952.....	3,322,289
1948	1,599,527	1953.....	2,939,143

TABLE 3. Drilling Completed on Auriferous Quartz Deposits (Gold Mines) 1952 and 1953

	Footage drilled	
	1952	1953
Diamond drilling for exploration and testing:		
By mining companies with their own personnel and equipment.....	879,654	747,711
By diamond drilling contractors ¹	1,299,238	1,259,152
Other diamond drilling:		
Blast hole diamond drilling:		
By mining companies with their own personnel and equipment.....	129,879	53,330
By diamond drilling contractors ¹	342,951	156,335
Drilling by percussion or other machines ²	36,425,544	30,012,597

1. Included in Table 1.

2. Not complete as records are unavailable at certain mines.

Value of diamonds purchased by gold mining companies in 1953 totalled \$450,610 compared with \$407,119 in 1952.

TABLE 4. Drilling Completed on Copper-Gold-Silver and Nickel-Copper Deposits, 1952 and 1953

	Footage drilled	
	1952	1953
Diamond drilling for exploration and testing:		
By mining companies with their own personnel and equipment.....	296,901	187,447
By diamond drilling contractors ¹	890,425	846,141
Other diamond drilling:		
Blast hole diamond drilling:		
By mining companies with their own personnel and equipment.....	2,668,461	2,145,257
By diamond drilling contractors ¹	38,650	24,940
Drilling by percussion or other machines ²	26,568,713	27,633,577

1. Included in Table 1.

2. Not complete as records are unavailable at certain mines.

Value of diamonds purchased by copper-gold-silver and nickel-copper mining companies in 1953 totalled \$783,727 compared with \$1,362,454 in 1952.

TABLE 5. Drilling Completed on Silver-Lead-Zinc and Silver-Cobalt Deposits, 1952 and 1953

	Footage drilled	
	1952	1953
Diamond drilling for exploration and testing:		
By mining companies with their own personnel and equipment.....	161,384	94,509
By diamond drilling contractors ¹	811,148	570,718
Other diamond drilling:		
Blast hole diamond drilling:		
By mining companies with their own personnel and equipment.....	503,567	500,214
By diamond drilling contractors ¹	20,443	41,461
Drilling by percussion or other machines ²	9,218,938	7,194,211

1. Included in Table 1.

2. Not complete as records are unavailable at certain mines.

Value of diamonds purchased by silver-lead-zinc and silver-cobalt companies in 1953 amounted to \$369,603.

TABLE 6. Drilling Completed on Other Metal-bearing Deposits, 1952 and 1953

	Footage drilled	
	1952	1953
Diamond drilling for exploration and testing:		
By mining companies with their own personnel and equipment.....	28,424	16,823
By diamond drilling contractors ¹	119,608	187,073
Other diamond drilling:		
Blast hole diamond drilling:		
By mining companies with their own personnel and equipment.....	—	500
By diamond drilling contractors ¹	35,801	9,775
Drilling by percussion or other machines ²	4,082,956	6,362,868

1. Included in Table 1.

2. Includes drilling on iron, chromite and titanium deposits. Does not include drilling on pitchblende deposits.

Value of diamonds purchased by other metal-mining companies in 1953 amounted to \$621.

TABLE 7. Drilling Completed on Asbestos Deposits, 1952 and 1953

	Footage drilled	
	1952	1953
Diamond drilling for exploration and testing:		
By mining companies with their own personnel and equipment.....	56,487	1,087
By diamond drilling contractors ¹	152,510	104,711
Other diamond drilling:		
Blast hole diamond drilling:		
By mining companies with their own personnel and equipment.....	60,607	17,099
By diamond drilling contractors ¹	865	—
Drilling by percussion or other machines ²	3,080,983	3,832,743

1. Included in Table 1.

2. Not complete as data are not reported by some firms.

Diamonds purchased by asbestos mining companies in 1953 cost \$778 compared with \$92,120 in 1952.

Note. The total footage of contract drilling recorded in Tables 3 to 7 does not necessarily agree with the corresponding totals shown in Table 1 as drilling data are incomplete or unobtainable from some mining firms.

Directory, 1953

The data for 1953, as shown in Table 1, were compiled from returns made by the following firms:

Name of firm	Head office address
Allard Bros.	1120 2nd Ave., Val d'Or, Quebec
Anderson Diamond Drill	306 Patricia Blvd., Timmins, Ontario
Atkin, Percy L.	Box 3, Madsen, Ontario
Baderski, Frank, & Son	464 Algonquin Blvd. E., Timmins, Ontario
Baker, L.J.	Box 218, Val d'Or, Quebec
Boyles Bros. Drilling (Alberta) Ltd.	10210-111 Street, Edmonton, Alberta
Boyles Bros. Drilling Co. Ltd.	1291 Parker St., Vancouver, British Columbia
Boyles Bros. Drilling (Eastern) Ltd.	Box 26, Port Arthur, Ontario
Bradley Bros. Ltd.	Noranda, Quebec
Bradville Drilling & Exploration Ltd.	Box 475, Kirkland Lake, Ontario
Cameron Drilling Co. Ltd.	761 Royal St., Malartic, Quebec
Canadian Longyear Ltd.	1111 Main St. W., North Bay, Ontario
Connors, T., Diamond Drilling Co. Ltd.	744 West Hastings St., Vancouver, British Columbia
Continental Diamond Drilling Co. Ltd.	82 Perreault St. W., Rouyn, Quebec
Cloutier Bros.	Box 361, Cobalt, Ontario
Demorest Drilling Ltd.	Box 157, Noranda, Quebec
Edwards, Jack H.	Box 369, Kenora, Ontario
Eco Exploration Co. Ltd.	411 Childs Building, Winnipeg, Manitoba
Fathom Drilling Ltd.	Box 3, Madsen, Ontario
Goyette Diamond Drilling Reg'd.	1156-2nd Ave., Val d'Or, Quebec
Griffith Bros. Diamond Drilling	Bissett, Manitoba
Heath & Sherwood	6 Duncan Ave., Kirkland Lake, Ontario
Interprovincial Diamond Drilling Co. Ltd.	Box 357, Val d'Or, Quebec
Inspiration Mining & Development Co. Ltd.	170 Regina St., North Bay, Ontario
Inspiration Mining & Development Co. Ltd. (Thetford Branch)	Box 156, Thetford Mines, Quebec
Labine Bros.	Cochenour, Ontario
Larson, B.E.	Box 651, Bathurst, N.B.
La Rocque, T.E.	10 Frontenac St., Val d'Or, Quebec
Logan Bros. Diamond Drilling	R.R.# 2, Truro, N.S.
Morissette Diamond Drilling Ltd.	Box 440, Haileybury, Ontario
Midwest Diamond Drilling Co. Ltd.	Flin Flon, Manitoba
McIsaac, R.M.	35 Church St., Flin Flon, Manitoba
National Diamond Drilling Co. Ltd.	Box 508, Rossland, British Columbia
Parco Drilling & Exploration Co. Ltd.	111 Mountain Hill, Quebec, Quebec
Pacific Diamond Drilling Co. Ltd.	367 East 2nd Ave., Vancouver, British Columbia
Paulson, John	26 Rowan Ave., Kirkland Lake, Ontario
Portelance Diamond Drilling	262 Murdock Ave., Noranda, Quebec
Patricia Diamond Drilling Co. Ltd.	McKenzie Island, Ontario
Patrick Harrison & Co. Ltd.	Box 370, Noranda, Quebec
Pioneer Contractors Ltd.	11 King St. West, Toronto, Ontario
Renaud Diamond Drilling Reg'd.	252 Murdock Ave., Noranda, Quebec
Rowan, Angus	99 Elm St. N., Timmins, Ontario
Smith & Travers Co. Ltd.	208 Walnut St., Sudbury, Ontario
Subterra Exploration Co. Ltd.	Box 233, Ferris, Ontario
Sprague & Henwood, Inc.	221 W. Olive St., Scranton, Pa., U.S.A.
Wilson, A.	21 "E" Ave., Noranda, Quebec

SECTION II

Contract Drilling for Fuels

Drilling for petroleum or natural gas, direct, or exploratory drilling for these minerals was reported by 140 contractors. The total reported footage was 10,765,042 feet and the income from operations amounted to \$59,663,492 compared, respectively, with 8,454,269 feet and \$61,216,235 in 1952. Rotary drilling amounted to 10,139,151 feet and 625,891 feet were done by cable drills. The firms owned 299 rotary drills and 106 cable drills.

Supplies used during the year included 19,578 tons of bentonite, Pembina clay, etc., valued at

\$705,966; 279 tons of barite valued at \$18,377; drilling bits, cables and lubricants valued at \$6,646,182; general repairs to rig \$10,203,569; and casing pipe was valued at \$266,941. Data on supplies are incomplete as many items are furnished to the contractor drillers by the well owners.

Drilling done by oil companies with their own equipment is not included in this report.

TABLE 8. Drilling Conducted During 1952 and 1953, by Contractors, for Petroleum, Natural Gas and Other Purposes Not Included in Section 1 of this Report

Province	Footage drilled						Gross income from drilling	Average number of employees	Total salaries and wages paid			
	For petroleum		For gas		For other purposes							
	Type of drill		Type of drill		Type of drill							
	Cable	Rotary	Cable	Rotary	Cable	Rotary						
1952												
Newfoundland	—	—	—	—	1,177	—	10,638	2	3,399			
Nova Scotia	—	—	—	—	24,011	—	75,079	22	37,245			
Quebec	6,456	—	—	—	—	—	119,293	20	49,486			
Ontario	51,048	—	256,847	—	7,746	—	932,022	132	316,369			
Manitoba	—	110,686	—	—	1,329	—	1,112,622	141	397,548			
Saskatchewan	—	1,012,815	—	123,520	2,833	100,360	10,274,570	801	2,891,665			
Alberta	223	5,555,852	—	114,105	—	932,722	45,443,949	3,335	13,624,031			
British Columbia	—	49,313	—	85,795	—	12,500	3,028,062	212	789,510			
Northwest Territories	—	4,931	—	—	—	—	220,000	14	22,689			
Canada	57,727	6,733,597	256,847	323,420	37,096	1,045,582	61,216,235	4,679	18,131,942			
1953												
Newfoundland	—	—	—	—	4,263	—	41,110	6	12,781			
Nova Scotia	—	—	—	—	14,883	—	78,637	18	35,300			
Quebec	700	27,886	2,980	—	—	—	188,413	38	125,008			
Ontario	45,801	—	250,789	—	40,256	—	1,076,873	153	381,846			
Manitoba	—	211,461	—	—	1,507	—	1,095,867	133	425,504			
Saskatchewan	—	2,105,302	—	3,119	3,966	353,138	10,837,836	928	3,447,537			
Alberta	—	5,729,194	—	239,081	260,746	1,276,741	43,927,008	3,385	14,537,394			
British Columbia	—	79,076	—	95,153	—	19,000	2,417,748	242	884,099			
Canada	46,501	8,152,919	253,769	337,353	325,621	1,648,879	59,663,492	4,903	19,849,469			

List of Contract Drillers, 1953

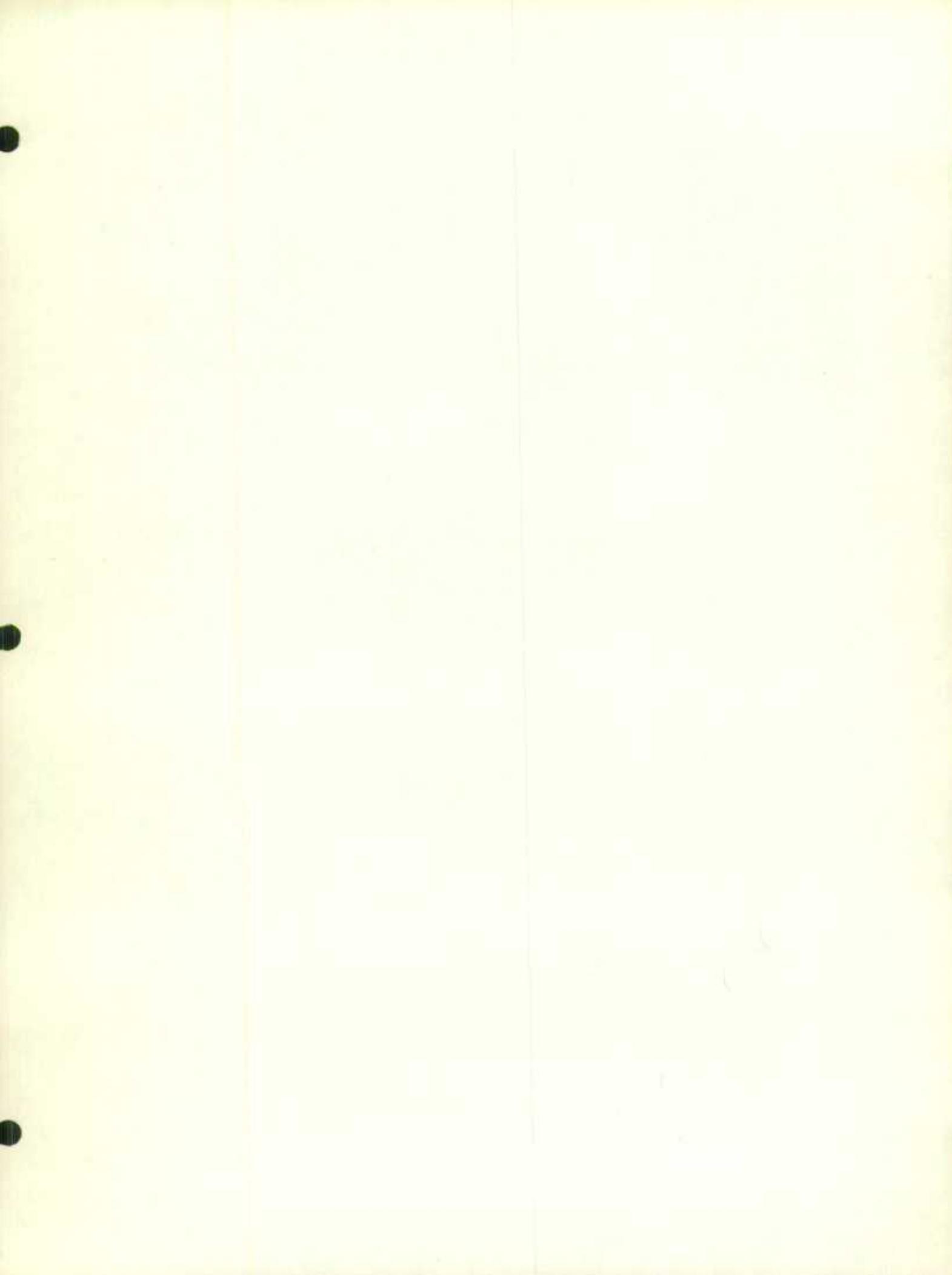
Name of firm	Head office address
Nova Scotia:	
Kennedy, O.V. Trask Well Drilling Co.	Bridgetown Stellarton
Quebec:	
Bedard, M.A. Gloss, Vern M. Larocque, T.E. New Peninsula Oil Ltd. Shields, E.M.	St-Remi de Napierville Gaspé Val D'Or 1001-507 Place d'Armes, Montreal Gaspé
Ontario:	
Ashton, J.L. Besley & Root Drilling Co. Carter, C.M. Culver, Marvin, & Son Culver, Orley Davidson, Fred L. Donald, T. Earl Sydney Emerson & Rose Emerson, H.L. Garringer, Wm. Goodberry, C. Heal, A.A. Held, Karl F., & Son Hoover, A.E., Estate Hussey, W.J. Irving, Donald Kiser, Wayne, & Son Knight & Neale Laramie, Carl Lather, R. Lymburner Bros. & Webber Lyons, S., & Son Mandley, Roy, & Son McCutcheon, T.O. McKillop, Wm. McLaughlin, Ellis, & Sons McMaster, R., & Sons McPherson, R.L. Nauman, H.V. Nauman, J.R. Palenkas Bros. Patterson & Culver Rennick, S. Roth, Harvey Schweyer, George Shank, Ernest Sider, Ralph Smelser, Ivan, & Sons Smith & Ehde Stewart, Elgin Stubble & Stubble Stubble, H.H. Warren, Gordon Werner, David	550 King St. W., Chatham Dunnville Wallaceburg R.R. 2, Selkirk Stevensville Wingham Hagersville Kentwood Wainfleet R.R. 1, Dunnville 161 First St. E., Dunnville Verona Box 264, Watford Fort Erie R.R. 2, Selkirk Petrolia 64 Culver St., Simcoe 111 Victoria Ave., Chatham Dunnville R.R. 1, Kingsville Bothwell Dunnville R.R. 5, Simcoe Dunnville 225 Broad St. E., Dunnville 389 Charlton Ave. W., Hamilton Waterloo Caledonia 88 Thompson Blvd., Windsor Fisherville Fisherville R.R. 4, West Lorne Dunnville Bright R.R. 9, Dunnville Fisherville R.R. 2, Selkirk Ridgeway Jarvis R.R. 1, Lowbanks R.R. 3, Jarvis Merlin 225 Grand Ave., Chatham Box 187, Tillsonburg Fisherville
Manitoba:	796 McDermott Ave., Winnipeg
Coyle, D.J.	
Saskatchewan:	
Border Drilling Co. Ltd. Creelman, R.E., & Sons Gold Star Drilling Company Hawke Drilling Company Limited Palmer Oil Development Co. Ltd.	Lloydminster 1113 Ave. "B" North, Saskatoon Box 544, Regina 409 McCallum Hill Bldg., Regina 1921 South Railway St., Regina

List of Contract Drillers, 1953 - Continued

Name of firm	Head office address
Alberta:	
Armena Petroleum Ltd.	101 Alexandra Bldg., Edmonton
Arrow Drilling Company Canada Limited	301 Leeson-Lineham Bldg., Calgary
B.M.G. Drilling Ltd.	9916-109th St., Edmonton
Becker Drilling Ltd.	3219-25th St. S.W., Calgary
Brandon Drilling Contractor	115A-8th Ave. E., Calgary
Brinkerhoff Drilling Company Ltd.	1001 Barron Bldg., Calgary
C.M. Drilling Co.	2423-1st Ave. N.W., Calgary
Canadian Drilling Company Limited	407 Alexandra Bldg., Edmonton
Cambridge Corporation Limited	205 Alberta Blk., Calgary
Can-Tex Drilling Co. Ltd.	309 Lancaster Bldg., Calgary
Capay Drilling Ltd.	210 Petroleum Bldg., Edmonton
Cardinal Drilling Company Ltd.	Box 750, Camrose
Carroll Drilling Company Ltd.	Lloydminster
Cascade Drilling Company Limited	510A-8th Ave. W., Calgary
Central Leduc Drilling Co. Limited	224-9th Ave. W., Calgary
Cherokee Drilling Co. Ltd.	10546-109th St., Edmonton
Christenson Drilling	Box 750, Camrose
Combination Drilling Contractors	Forestburg
Commonwealth Drilling Company Limited	122-8th Ave. W., Calgary
Consolidated Peak Oils Ltd.	204-569 Howe St., Vancouver 1, B.C.
Coralta Drilling Ltd.	Box 4104, Edmonton
Coultis Drilling Ltd.	509 Leeson-Lineham Blk., Calgary
Crowsnest Drilling Co.	Box 117, Coleman
Devon Drilling Company Limited	213-8th Ave. W., Calgary
Dominion Drilling Company Ltd.	14 Merrick Bldg., Edmonton
Double A Drilling Co. Ltd.	307 Rawleigh Bldg., Edmonton
Duke Drilling Co. Ltd.	121-8th Ave. W., Calgary
Earthworm Drilling Co. Ltd.	415-10th St. N.W., Calgary
Eason, T.T., & Company	10318-82nd Ave., Edmonton
Fast Drilling Co. Ltd.	11146-86th St., Edmonton
Five Star Drilling	11363 Jasper Ave., Edmonton
Foremost Drilling Co. Ltd.	1134-8th Ave. W., Calgary
General Petroleum of Canada Limited	224-9th Ave. W., Calgary
Glenn, Wm. D., Ltd.	901-8th Ave. W., Calgary
Glenwood Drilling Ltd.	201 Rawleigh Bldg., Edmonton
Gustavson Drilling Co. Ltd.	208 Alberta Block, Calgary
Hon Drilling Limited	1004 Barron Bldg., Calgary
Hunter Drilling Limited	602-7th Ave. W., Calgary
J.W. Drilling Co. Ltd.	11418-97th St., Edmonton
Kenaston Drilling Company	112 Thomson Bldg., Edmonton
Llanos Drilling Limited	901-8th Ave. W., Calgary
Lee, R.E., Drilling Co. Ltd.	300 Lancaster Bldg., Calgary
Lloyd Petroleum Drillers Ltd.	152-1st Ave. S., Saskatoon
Loffland Brothers Company of Canada	Box 1649, Tulsa, Oklahoma, U.S.A.
McGann Drilling Ltd.	11146-86th St., Edmonton
McIntosh & Anderson	112 Thomson Bldg., Edmonton
McIntyre & Webster Ltd.	709-8th Ave., Calgary
McIvor Drilling Company Ltd.	400 Lancaster Bldg., Calgary
Merlin Drilling Ltd.	201 Rawleigh Bldg., Edmonton
Mountain States Drilling Co. Inc.	622 Patterson Bldg., Denver, Colorado, U.S.A.
Mowat, R.D., Limited	10439-82nd Ave., Edmonton
Northwest Seismic Surveys Limited	413-10th St. N.W., Calgary
Oil Producers Ltd. (Excelsior Refineries Limited)	227 Tegler Bldg., Edmonton
Parker Drilling Co. of Canada Limited	308-8th Ave. W., Calgary
Paul Guthrie Development Ltd.	9916-109th St., Edmonton,
Pennant Drilling Ltd.	203 Mayo Bldg., Tulsa, Oklahoma, U.S.A.
Petrolia Drilling Co. Ltd.	830-8th Ave. W., Calgary
Pic Development Company Limited	340-7th Ave. W., Calgary
Pontiac Petroleum Ltd.	231-8th Ave. W., Calgary
Precision Drilling Co. Ltd.	1134-8th Ave. W., Calgary
Price Drilling Company Limited	507-49th St. S.W., Calgary
R. & J. Drilling Co. Ltd.	1917-23rd Ave. N.W., Calgary
Reading and Bates Drilling Co. Ltd.	1502 Philtower Bldg., Tulsa, Oklahoma, U.S.A.
Red Willow Drilling Company Ltd.	108 Thomson Bldg., Edmonton
Regent Drilling Co. Ltd.	Box 421, Edmonton
Rocky Mountain Drilling Co. Ltd.	1134-8th Ave. W., Calgary
Rodcliff Drilling Ltd.	Westlock
S. & T. Drilling Co. Ltd.	10824A-82nd Ave., Edmonton
Scandia Drilling Company Ltd.	331-36th Ave. W., Calgary
Singer Drilling Alberta Ltd.	205 Mercantile Bldg., Edmonton
Spire Drilling Co. Ltd.	217 Dominion Bank Bldg., Calgary
Stewart Drilling Co. Limited	10856-82nd Ave., Edmonton
Tenora Drilling Ltd.	102 Campbell Furniture Bldg., Edmonton

List of Contract Drillers, 1953 — Concluded

Name of firm	Head office address
Alberta— concluded:	
Trident Drilling Co Ltd.	803-8th St. W., Calgary
Trinity Canadian Drilling Company	237-7th Ave. W., Calgary
Tri-Province Drilling Co. Ltd.	307-6th Ave. W., Calgary
Tronsgard Drilling Ltd.	10424-82nd Ave., Edmonton
Veran Drilling Co. Ltd.	340-7th Ave. W., Calgary
Wagner Drilling Limited	101 Northgate Bldg., Edmonton
Wakefield, Carl F., Drilling Company	307 Union National Bank Bldg., Wichita, Kansas, U.S.A.
Ward, G.H., Drilling Co. Ltd.	405 MacLean Bldg., Calgary
Wedney Oil & Drilling Co. Ltd.	735-8th Ave. W., Calgary
Welcox Drilling Co. Ltd.	Camrose
Welderman Drilling Ltd.	220 Blow Bldg., Calgary
Young Drilling Company Limited	900 Lancaster Bldg., Calgary



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