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CANADA

# CONTRACT DRILLING IN THE MINING INDUSTRY

## 1954



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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¢
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- 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

## 1954

(Diamond drilling of deposits other than fuels)

During 1954 the footage drilled by contract diamond drilling was 5,639,574 compared with 5,258,870 in 1953. Income received from drilling was \$15,932,481. There were 55 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 2,352 and the salaries and wages totalled \$7,833,645.

Equipment owned by the operators included 332 air or steam-driven drills and 519 gasoline-driven drills.

**TABLE 1. Contract Diamond Drilling Operations, 1945-1954 (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
		\$		\$
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.....	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
<b>Canada.....</b>	<b>5,258,870</b>	<b>15,779,420</b>	<b>2,238</b>	<b>7,110,188</b>
1954				
Newfoundland.....	59,450	207,470	31	93,327
Nova Scotia.....	64,275	218,732	57	185,522
New Brunswick.....	209,973	726,345	154	245,436
Quebec.....	1,333,797	3,467,740	477	1,519,603
Ontario.....	2,454,373	7,309,992	1,118	3,558,279
Manitoba.....	223,406	949,618	162	595,710
Saskatchewan.....	375,548	1,291,478	142	571,044
Alberta.....	6,559	51,738	20	78,524
British Columbia.....	666,573	907,053	79	440,554
Northwest Territories.....	185,432	425,986	82	276,877
Yukon.....	60,188	376,319	30	168,769
<b>Canada.....</b>	<b>5,639,574</b>	<b>15,932,481</b>	<b>2,352</b>	<b>7,833,645</b>

**TABLE 2. Value of Stones, Readysset and Castset Bits, Purchased by Contractors, 1945 - 1954**

Year	Value	Year	Value
	\$		\$
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
1949.....	1,379,793	1954.....	2,051,999

**TABLE 3. Drilling Completed on Auriferous Quartz Deposits (Gold Mines), 1953 and 1954**

	Footage drilled	
	1953	1954
Diamond drilling for exploration and testing:		
By mining companies with their own personnel and equipment .....	747,711	652,839
By diamond drilling contractors <sup>1</sup> .....	1,259,152	1,525,621
Other diamond drilling:		
Blast hole diamond drilling:		
By mining companies with their own personnel and equipment .....	53,330	531,358
By diamond drilling contractors <sup>1</sup> .....	156,335	175,400
Drilling by percussion or other machines <sup>2</sup> .....	30,012,597	36,318,176

1. Included in Table 1.

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

Value of diamonds purchased by gold mining companies in 1954 totalled \$154,585 compared with \$450,610 in 1953.

**TABLE 4. Drilling Completed on Copper-Gold-Silver and Nickel-Copper Deposits, 1953 and 1954**

	Footage drilled	
	1953	1954
Diamond drilling for exploration and testing:		
By mining companies with their own personnel and equipment .....	187,447	277,209
By diamond drilling contractors <sup>1</sup> .....	846,141	1,022,013
Other diamond drilling:		
Blast hole diamond drilling:		
By mining companies with their own personnel and equipment .....	2,145,257	1,362,092
By diamond drilling contractors <sup>1</sup> .....	24,940	49,606
Drilling by percussion or other machines <sup>2</sup> .....	27,633,577	30,034,136

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 1954 totalled \$381,802 compared with \$783,727 in 1953.

**TABLE 5. Drilling Completed on Silver-Lead-Zinc and Silver-Cobalt Deposits, 1953 and 1954**

	Footage drilled	
	1953	1954
Diamond drilling for exploration and testing:		
By mining companies with their own personnel and equipment .....	94,509	19,572
By diamond drilling contractors <sup>1</sup> .....	570,718	489,214
Other diamond drilling:		
Blast hole diamond drilling:		
By mining companies with their own personnel and equipment .....	500,214	376,509
By diamond drilling contractors <sup>1</sup> .....	41,461	6,677
Drilling by percussion or other machines <sup>2</sup> .....	7,194,211	5,872,126

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 1954 amounted to \$168,456 compared with \$369,603 in 1953.

**TABLE 6. Drilling Completed on Other Metal-bearing Deposits, 1953 and 1954**

	Footage drilled	
	1953	1954
Diamond drilling for exploration and testing:		
By mining companies with their own personnel and equipment .....	16,823	20,238
By diamond drilling contractors <sup>1</sup> .....	187,073	604,372
Other diamond drilling:		
Blast hole diamond drilling:		
By mining companies with their own personnel and equipment .....	500	—
By diamond drilling contractors <sup>1</sup> .....	9,775	28,596
Drilling by percussion or other machines <sup>2</sup> .....	6,362,868	3,823,636

1. Included in Table 1.

2. Includes drilling on iron, chromite and titanium deposits. Does not include drilling on pitchblende deposits in 1953.

Value of diamonds purchased by other metal-mining companies in 1954 amounted to \$8236 compared with \$621 in 1953.

**TABLE 7. Drilling Completed on Asbestos Deposits, 1953 and 1954**

	Footage drilled	
	1953	1954
Diamond drilling for exploration and testing:		
By mining companies with their own personnel and equipment .....	1,087	15,745
By diamond drilling contractors <sup>1</sup> .....	104,711	179,741
Other diamond drilling:		
Blast hole diamond drilling:		
By mining companies with their own personnel and equipment .....	17,099	—
By diamond drilling contractors <sup>1</sup> .....	—	8,421
Drilling by percussion or other machines <sup>2</sup> .....	3,832,743	3,452,754

1. Included in Table 1.

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

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.

Diamonds purchased by asbestos mining companies in 1954 cost nil compared with \$778 in 1953.

## Directory, 1954

## List of Active Diamond Drilling Contractors, 1954

Name of firm	Head office address
Allard Bros. Contract Diamond Drilling Reg'd.	1120 2nd Ave., Val d'Or, Quebec
Anderson Diamond Drill	306 Patricia Blvd., Timmins, Ontario
Arno Diamond Drilling Co. Ltd.	Box 425, Timmins, Ontario
Baderski, Frank, & Son	464 Algonquin Blvd. E., Timmins, Ontario
Baker, L. J., Diamond Drilling Co. Ltd.	Box 218, Val d'Or, Quebec
Barron Diamond Drilling	Haileybury, Ontario
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
Brochie Drilling	Box 11, Gateway, Ontario
Byberg, Harry	907 - 1st St. S., Kenora, Ontario
Cameron Drilling Co. Ltd.	761 Royal St., Malartre, 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. Diamond Drilling	Box 361, Cobalt, Ontario
Demorest Drilling Ltd.	Box 157, Noranda, Quebec
Dion Diamond Drilling	Madsen, Ontario
Edwards, Jack H.	Box 369, Kenora, Ontario
Eco Exploration Co. Ltd.	411 Childs Building, Winnipeg, Manitoba
Fathom Drilling Ltd.	Box 56, Winnipeg 9, Manitoba
Gislex, Peter	Balmertown, Ontario
Goyette Diamond Drilling Reg'd.	1156 - 2nd Ave., Val d'Or, Quebec
Graham Diamond Drill	666 McLean Drive, Timmins, Ontario
Groleau Bros. Diamond Drilling Ltd.	44 Taschereau St., Rouyn, Quebec
Griffith Bros. Diamond Drilling	Bissett, Manitoba
Harvey Kendrick Development Ltd.	Uranium City, Saskatchewan
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, New Brunswick
La Rocque, T.E., Diamond Drilling Co. Ltd.	10 Frontenac St., Val d'Or, Quebec
Logan Bros. Diamond Drilling	R.R. No. 2, Truro, Nova Scotia
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
Mutch Diamond Drilling Co. Ltd.	1245 Nelson St., Vancouver, British Columbia
National Diamond Drilling Co. Ltd.	Box 508, Rossland, British Columbia
Northwest Drilling Ltd.	705 W. 2nd St., North Vancouver, British Columbia
Pacific Diamond Drilling Co. Ltd.	367 East 2nd Ave., Vancouver, British Columbia
Pilon, J.L., Limited	Box 90, Ferris, Ontario
Plant's Diamond Drilling Co.	Box 65, South Porcupine, 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
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, Pennsylvania, U.S.A.
Tremblay, Paul	59 B Avenue, Noranda, Quebec
Turcotte, R., & Cie.	3354 Mace St., Mackayville, Quebec
Wallace Drilling Company	Box 37, Uranium City, Saskatchewan
Wilson, A.	Box 277, Noranda, Quebec

SECTION II

Contract Drilling for Fuels

Drilling for petroleum or natural gas, direct, or exploratory drilling for these minerals was reported by 132 contractors. The total reported footage was 10,066,620 feet and the income from operations amounted to \$58,823,980 compared, respectively, with 10,765,042 feet and \$59,663,492 in 1953. Rotary drilling amounted to 9,609,140 feet and 457,480 feet were done by cable drills. The firms owned 296 rotary drills and 91 cable drills.

Supplies used during the year included 11,775 tons of bentonite, Pembina clay, etc., valued at

\$768,208; 639 tons of barite valued at \$33,437; drilling bits, cables and lubricants valued at \$6,815,428; general repairs to rig \$7,661,013; and casing pipe was valued at \$169,187. 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 1953 and 1954 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			
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
<b>Canada .....</b>	<b>46,501</b>	<b>8,152,919</b>	<b>253,769</b>	<b>337,353</b>	<b>325,621</b>	<b>1,648,879</b>	<b>59,663,492</b>	<b>4,903</b>	<b>19,849,469</b>
1954									
Newfoundland .....	-	-	-	-	-	-	-	-	-
Nova Scotia .....	-	-	-	-	8,400	-	33,058	7	13,786
Quebec .....	90	44,775	-	-	-	-	154,400	45	144,300
Ontario .....	74,590	2,759	366,479	1,894	2,922	13,283	1,810,831	186	604,871
Manitoba .....	-	704,586	-	-	2,112	-	4,134,029	344	1,208,841
Saskatchewan .....	-	1,854,373	-	9,270	2,887	177,234	9,798,912	757	2,793,415
Alberta .....	-	5,011,408	-	253,185	-	1,241,884	40,134,913	2,997	12,566,348
British Columbia .....	-	75,108	-	66,151	-	145,000	2,457,837	217	752,738
Northwest Territories .....	-	8,230	-	-	-	-	300,000	6	37,495
<b>Canada .....</b>	<b>74,680</b>	<b>7,701,239</b>	<b>366,479</b>	<b>330,500</b>	<b>16,321</b>	<b>1,577,401</b>	<b>58,823,980</b>	<b>4,559</b>	<b>18,121,844</b>

## List of Contract Drillers, 1954

Name of firm	Head office address
<b>Nova Scotia:</b>	
Trask Well Drilling Co. ....	Stellarton
<b>Quebec:</b>	
Allard Bros. ....	Val d'Or
Bedard, M. A. ....	St-Remi de Napierville
Groleau Bros. ....	Rouyn
New Peninsula Oil Ltd. ....	1001-507 Place d'Armes, Montréal
Percé Drilling ....	111 Côte de la Montagne, Montréal
<b>Ontario:</b>	
Ashton, J. L. ....	550 King St. W., Chatham
Carter, C. M. ....	Wallaceburg
Culver, M., & Son ....	R.R. 2, Selkirk
Culver, O. ....	Stevensville
Davidson, F. L. ....	Wingham
Demaray & Nichols ....	Kerrwood
Donald, T. ....	Hagersville
Earl Sydney ....	Kerrwood
Emerson & Rose ....	Wainfleet
Emerson, H. L. ....	Dunnville
Garringer, Wm. ....	161 First St. E., Dunnville
Haskell, Bert ....	Bright
Heal, A. A. ....	Box 264, Watford
Held, Karl F., & Son ....	Fort Erie
Hoover, A. E., Estate ....	R.R. 2, Selkirk
Irving, Donald ....	64 Culver St., Simcoe
Kiser, Wayne, & Son ....	111 Victoria Ave., Chatham
Knight & Neale ....	Dunnville
Laramie, C. ....	R.R. 1, Kingsville
Lather, R. ....	Bothwell
Lymburner Bros. & Webber ....	Dunnville
Lyons, S., & Son ....	R.R. 5, Simcoe
Mandley, Roy, & Son ....	Dunnville
McKillop, Wm. ....	389 Charlton Ave. W., Hamilton
McMaster, R., & Sons ....	Box 455, Caledonia
McPherson, R.L. ....	88 Thompson Blvd., Windsor
Meier & Shaw ....	401 St. Clair St., Chatham
Nagel, Elmer ....	Stevensville
Nauman, H. V. ....	Fisherville
Nauman, J. R. ....	Fisherville
Palenkas Bros. ....	R.R. 4, West Lorne
Patterson & Culver ....	Dunnville
Rawlings Drilling Company ....	145 William St. S., Chatham
Ricker, E. ....	Canboro
Roth, Harvey ....	R.R. 9, Dunnville
Schweyer, George ....	Fisherville
Shank, E. ....	Port Dover
Sider, Ralph ....	Box 88, Ridgeway
Smelser, Ivan, & Sons ....	Jarvis
Stewart, Elgin ....	R.R. 3, Jarvis
Stubble & Stubble ....	Merlin
Stubble, H. H., & Son ....	225 Grand Ave., Chatham
Union Rotary Drillers (Canada) Limited ....	1104 N. Mission St., Mt. Pleasant, Michigan, U.S.A.
Werner, D. ....	Fisherville
<b>Manitoba:</b>	
Coyle, D. J. ....	796 McDermott Ave., Winnipeg
<b>Saskatchewan:</b>	
Border Drilling Co. Ltd. ....	Lloydminster
Creelman, R. E., & Sons ....	1113 - Ave. "B" North, Saskatoon
Gold Star Drilling Company ....	Box 544, Regina
Owen Drilling Company ....	Box 655, Overton, Texas, U.S.A.
Palmer Oil Development Co. Limited ....	1921 South Railway St., Regina

## List of Contract Drillers, 1954 - Continued

Name of firm	Head office address
<b>Alberta:</b>	
Arrow Drilling Company Canada Limited .....	309-7th Ave. W., Calgary
B. M. G. Drilling Ltd. ....	9916-109th St., Edmonton
Bawdon, Peter, Drilling Ltd. ....	810A-First St. W., Calgary
Becker Drilling Limited .....	3219-25th St. S. W., Calgary
Brandon Drilling Contractor .....	115A-8th Ave. E., Calgary
Brinkerhoff Drilling Company Ltd. ....	1001 Barron Bldg., Calgary
Burggren Exploration & Drilling Ltd. ....	11436-112th Ave., Edmonton
C. M. Drilling Co. ....	2423-1st Ave. N. W., Calgary
Canadian Drilling Co. Ltd. ....	407 Alexandra Bldg., Edmonton
Cambridge Corporation Ltd. ....	237-7th Ave. W., Calgary
Cardinal Drilling Co. Ltd. ....	Box 653, Camrose
Carroll Drilling Co. Ltd. ....	Lloydminster
Cascade Drilling Company Ltd. ....	510A-8th Ave. W., Calgary
Central Leduc Drilling Co. Ltd. ....	224-9th Ave. W., Calgary
Cherokee Drilling Co. Ltd. ....	10546-109th St., Edmonton
Combination Drilling Contractors .....	Forestburg
Commonwealth Drilling Co. Ltd. ....	122-8th Ave. W., Calgary
Coralta Drilling Ltd. ....	Box 4104, Edmonton
Coultis Drilling Ltd. ....	202 Oil Exchange Bldg., Calgary
Crag Drilling Ltd. ....	304 Grain Exchange Bldg., Calgary
Crowsnest Drilling Company .....	Box 117, Coleman
Devon Drilling Company Ltd. ....	213-6th Ave. W., Calgary
Dominion Drilling Company Ltd. ....	14 Merrick Bldg., Edmonton
Donnell Drilling Ltd. ....	133-6th Ave. E., Calgary
Double A. Drilling Co. Ltd. ....	307 Rawleigh Bldg., Edmonton
Duke Drilling Co. Ltd. ....	121-8th Ave. W., Calgary
Fast Drilling Company Ltd. ....	11146-86th St., Edmonton
Five Star Drilling .....	536-8th Ave. W., Calgary
Foremost Drilling Co. Ltd. ....	1134-8th Ave. W., Calgary
General Petroleum of Canada Limited .....	224-Ninth Ave. W., Calgary
Gustavson Drilling Co. Ltd. ....	208 Alberta Blk., Calgary
Hario Drilling Co. Ltd. ....	340-7th Ave. W., Calgary
Hi-Tower Drilling Co. Ltd. ....	400 Lancaster Bldg., Calgary
Holemaster Drillers Ltd. ....	8745-84th Ave., Edmonton
Hunter Drilling Limited .....	602-7th Ave. W., Calgary
J. W. Drilling Co. Ltd. ....	11418-97th St., Edmonton
Kenaston Drilling Co. ....	112 Thomson Bldg., Edmonton
Kortmeyer Drilling Co. Ltd. ....	2629-4th St. N. W., Calgary
Lee, R. E., Drilling Co. Ltd. ....	300 Lancaster Bldg., Calgary
Llanos Drilling Limited .....	901-8th Ave. W., Calgary
Loffland Brothers Company of Canada .....	Box 1649, Tulsa, Oklahoma, U.S.A.
Lohmann-Johnson Drilling Co. Ltd. ....	718-8th Ave. W., Calgary
MacKenzie, J. W., Drilling Ltd. ....	152-1st Ave. S., Saskatoon, Saskatchewan
McGann Drilling Ltd. ....	11138-110th Ave., Edmonton
McIntyre & Webster Ltd. ....	709-8th Ave. W., Calgary
Merit Drilling Co. ....	415-10th St. N. W., Calgary
Mowat, R. D., Limited .....	10439-82nd Ave., Edmonton
Northwest Seismic Surveys Ltd. ....	415-10th N. W., Calgary
Oil Producers Limited .....	222 Tegler Bldg., Edmonton
Ozark Drilling Co. Ltd. ....	133-6th Ave. E., Calgary
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
Pontiac Petroleum Ltd. ....	231-8th Ave. W., Calgary
Precision Drilling Co. Ltd. ....	1134-8th Ave. W., Calgary
R. & J. Drilling Co. Ltd. ....	1917-23rd Ave. N. W., Calgary
Reading & Bates Drilling Co. Ltd. ....	1502 Philtower Bldg., Tulsa 3, Oklahoma, U.S.A.
Red Willow Drilling Co. ....	10584-107th St., Edmonton
Regent Drilling Company Limited .....	Box 421, Edmonton
Roberts, T. A. ....	8358-76th Ave., Edmonton
Rodeliff Drilling Ltd. ....	Westlock
Ryland Drilling Limited .....	10318-82nd Ave., Edmonton
S. & T. Drilling Co. Ltd. ....	10824A-82nd Ave., Edmonton
Spire Drilling Co. Ltd. ....	217 Dominion Bank Bldg., Calgary
Stewart Drilling Co. Ltd. ....	10856-82nd Ave., Edmonton
T. & B. Drilling Co. Ltd. ....	340-7th Ave. W., Calgary
Tanora Drilling Limited .....	102 Campbell Furniture Bldg., Edmonton
Thornton & Bates Drilling Co. ....	1502 Philtower Bldg., Tulsa, Oklahoma, U.S.A.
Trident Drilling Co. Ltd. ....	803-8th St. W., Calgary
Trinity Canadian Drilling Co. ....	237-7th Ave. W., Calgary
Tri-Province Drilling Co. Ltd. ....	307-6th Ave. W., Calgary

## List of Contract Drillers, 1954 - Concluded

Name of firm	Head office address
<b>Alberta - concluded:</b>	
Veran Drilling Co. Ltd. ....	340-7th Ave. W., Calgary
Wakefield, Earl F., Drilling Company .....	307 Union National Bank Bldg., Wichita, Kansas, U.S.A.
Ward, G. H., Drilling Co. Ltd. ....	809-8th Ave. W., Calgary
Wilcox Drilling Co. Ltd. ....	Camrose
Young Drilling Company Limited .....	900 Lancaster Bldg., Calgary



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