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## PURCHASES OF CAPITAL GOODS, PROCESS SUPPLIES AND SPECIFIED SERVICES BY CANADA'S

### MINERAL INDUSTRIES, 1949

Expenditures by Canada's mineral industries on capital equipment, process supplies and certain other items, such as electric power, outgoing freight, insurance, advertising, engineering fees, patents and royalties amounted to about \$234.4 millions in the calendar year 1949. The more important items were as follows, in millions of dollars: coal and coke, 22.7; outgoing freight and express, 22.3; mine and mill machinery except electrical equipment, 21.5; lumber and timber, 12.6; pipe and plumbers' supplies, 11.6; explosives, 10.1; electric motors, batteries, etc., 9.2; workmen's compensation, 7.6; building materials 6.6; and fuel oil, 5.3.

The base metals industry, including mining, smelting and refining, reported expenditures amounting to \$105.1 millions, which was 45 per cent of the total for the entire mining industry. Gold mines spent \$42.1 millions for these specified purposes and coal mines, oil wells and gas wells spent \$41.1 millions. The structural materials producers, including cement mills, stone quarries, lime kilns, brick plants and sand and gravel pits, showed disbursements of \$26 millions and other non-metal industries, such as asbestos, gypsum, etc., reported expenditures at \$6.9 millions. Purchases by iron ore mines totalled \$13.2 millions.

Expenditures by mines in Ontario totalled \$104.8 millions in the period under review; this was 45 per cent of the total for all Canada. Corresponding disbursements by mines in other provinces were as follows, in millions of dollars: Quebec, 38.5; British Columbia, 27.6; Alberta, 24.2; Manitoba, 17.4; Nova Scotia, 14.5; Newfoundland, 2.3; Yukon and Northwest Territories, 2.0; Saskatchewan, 1.9; and New Brunswick, 1.1.

These figures represent the results of a special survey made by the Dominion Bureau of Statistics in co-operation with the mining industry. Late in 1948 all mining firms were sent a copy of the proposed questionnaire and were requested to endeavour to keep accounts of expenditures in 1949 for each of the 53 items on the schedule. The response was good for the metal mining section of the industry, but a few important concerns in the fuels and non-metals sections failed to submit reports. It is estimated that the specified expenditures as given in this report should be increased by five per cent to allow for amounts spent by non-reporting mines. Disbursements, amounting to \$6.7 millions, by contract drillers are not included in this report.

The last survey of this nature was made in 1937, when total expenditures for machinery and process supplies totalled \$130.3 millions.

*See the 'Products of Canada'*  
1949

Table 1 - Purchases of Capital Goods, Process Supplies and Specified Services by Canada's Mineral Industries, Calendar Year 1949

Item	Gold mines (including placer)	Base metal mines, smelters, and refineries	Iron ore	Fuels (coal, crude petroleum and natural gas)	Structural materials (cement, lime, stone, and clay products)	Other non-metals (asbestos, gypsum, etc.)	TOTAL
(In Canadian dollars - f.o.b. mines or plants)							
1. Belting of all kinds, including elevator, conveyor, transmission, etc., and fasteners for same ....	178,903	498,752	35,382	150,464	190,874	45,939	1,100,314
2. Bolts, nuts, rivets, studs, washers, coach, set and machine screws, etc. ....	166,761	402,950	20,778	182,867	78,307	12,111	863,774
3. Castings: unfinished iron and steel	36,099	610,228	2,437	101,628	140,142	13,785	904,319
4. Unfinished brass castings, brass and copper rods and sheets, babbitt and non-ferrous metals of all kinds .....	62,639	794,440	8,180	55,291	24,462	5,999	951,011
5. Cars and mechanical parts for same.	370,679	709,213	253,627	323,075	24,373	9,789	1,690,756
6. Locomotives and mechanical parts for same .....	337,794	324,104	379,026	260,224	18,157	47,493	1,366,808
7. Track materials; rails and fittings, switches, spikes, bolts, etc. ...	383,298	877,317	449,279	596,177	46,978	7,648	2,360,697
8. Explosives: powder, fuse, and detonators .....	4,529,657	3,317,928	660,249	1,001,553	504,702	133,208	10,147,297
9. Rock drills and parts .....	1,146,257	843,801	232,055	208,351	69,720	18,782	2,518,966
10. Oil and gas well drills and parts .	3,950	689	36,513	977,700	3,900	93	1,022,845
11. Drill and tool steels, including detachable rock drill bits .....	2,301,216	1,068,691	75,540	328,804	46,083	12,409	3,852,743
12. Pipe and fittings, plumbing supplies and valves .....	1,119,056	3,331,479	263,361	6,721,070	135,461	56,125	11,626,552
13. Iron and steel bars, sheets, plates	730,398	2,151,328	145,038	274,500	175,784	35,819	3,512,867
14. Structural steel .....	531,709	2,275,921	69,340	247,974	551,131	147,007	3,823,082
15. Wire rope and fittings .....	527,886	615,726	187,098	627,295	82,394	21,138	2,061,557
16. Diamonds and bort for drilling, including drill cast set bits ...	319,763	630,348	25,138	23,908	8,196	25,409	1,032,762
17. Safety equipment and apparel: safety hats, boots, gloves, goggles, respirators, etc.: miners' lamps and accessories and lamp rentals .....	302,402	660,330	30,939	241,814	97,499	4,704	1,337,688
18. Fuel: Coal .....	677,282	8,431,365	390,658	161,069	8,019,150	540,439	18,219,963
Coke .....	1,323	4,356,183	78,793	7,526	50,089	40	4,493,954
Charcoal and wood .....	219,145	183,137	490	41	275,485	1,504	679,802
19. Fuel oil .....	523,782	2,906,980	472,189	705,152	389,281	324,731	5,322,115
20. Kerosene and gasoline .....	202,079	260,147	146,471	454,968	505,582	88,835	1,658,082
21. Lubricants: oil, grease and waste .	367,390	643,923	269,987	337,358	264,081	45,907	1,928,646
22. Lumber and timber of all kinds ...	3,162,565	6,002,955	476,174	2,640,329	225,430	102,141	12,609,594
23. Building materials: cement, brick, tile, roofing and building paper, insulating material, building hardware, glass, putty, paints, varnishes and brushes, wood screws, nails, screw hooks and eyes, sand, lime, and miscellaneous supplies .	972,691	2,652,537	448,493	1,494,651	657,013	415,640	6,641,025
24. Electrical equipment and supplies: motors, batteries, wire and cable, etc. ....	1,290,278	5,273,158	351,760	1,514,077	678,531	126,041	9,253,845
25. Electrical recording equipment ...	9,085	70,083	587	3,374	25,931	11,213	120,263
26. Crushing, grinding and screening machinery and parts; ball and tube mill liners, roll shells, etc. ..	1,310,856	1,558,709	184,105	101,316	1,571,569	143,552	4,870,105
27. Filter cloth, rotor covers and ore dressing blankets .....	158,652	521,815	...	62	130	2,921	683,580
28. Balls and rods for grinding .....	1,758,061	1,404,422	...	4	526,173	908	3,689,568
29. Machinery, mill, n.o.p. and parts .	1,291,333	2,218,612	110,400	45,529	946,766	359,336	4,951,976
30. Machinery, mine, n.o.p. and parts: machine shop, blacksmith shop, carpenter shop and general surface equipment .....	1,783,122	5,299,288	249,190	3,944,474	174,513	102,183	11,552,770
31. Motor cars and accessories .....	80,699	615,371	47,932	343,974	101,807	26,087	1,215,870
32. Motor trucks and accessories .....	134,483	266,325	907,619	811,429	557,392	250,767	2,928,015
33. Tractors, power shovels, bulldozers and parts .....	175,608	451,281	1,025,200	951,117	624,592	341,269	3,569,067
34. Aeroplanes and accessories .....	305	29,353	...	258	...	130	30,046
35. Tools; brooms, picks, shovels, hammers, handles, saws, wrenches, machinists' tools, etc. ....	256,077	588,987	87,424	223,213	65,791	21,885	1,243,377
36. Welding and cutting equipment and accessories; oxygen, acetylene, welding rods, tips, etc. ....	181,002	452,708	131,681	98,456	80,503	20,360	964,710
37. Rubber goods, suits, boots, hose and accessories, pump valves, launder linings, etc. (not including belts) .....	359,653	584,005	169,910	72,998	33,369	9,348	1,229,283



Table 1 - Purchases of Capital Goods, Process Supplies and Specified Services by Canada's Mineral Industries, Calendar Year 1949 (Contd)

Item	Gold mines (including placer)	Base metal mines, smelters, and refineries	Iron ore	Fuels (coal, crude petroleum and natural gas)	Structural materials (cement, lime, stone, and clay products)	Other non-metals (asbestos, gypsum, etc.)	TOTAL
(In Canadian dollars - f.o.b. mines or plants)							
38. Flotation reagents .....	388,736	1,989,985	51,448	...	100	1,192	2,431,461
39. Cyanide and cyanide plant chemicals	1,834,397	424,945	50	4,147	2,242	...	2,265,781
40. Acids and chemicals, n.o.p. ....	449,265	1,141,757	16,741	131,152	55,295	60,651	1,854,859
41. Refractories: brick, cement, fireclay, etc. ....	89,842	2,273,957	463	24,053	430,891	21,342	2,840,506
42. Smelter fluxes: fluor spar, lime- stone, quartz, sand, etc. ....	61,296	1,115,766	9	58,440	34,802	...	1,270,315
43. Hospital equipment and medical supplies .....	72,006	244,500	50,798	16,943	5,140	1,086	370,475
44. Stationery, office equipment and supplies .....	189,008	561,702	56,749	430,000	62,721	17,051	1,317,231
45. Survey and drafting equipment and supplies .....	56,923	56,691	33,986	98,760	7,492	1,549	255,201
46. Miscellaneous materials, n.o.p.: Including all materials NOT OTHERWISE PROVIDED FOR in any other item .....	2,142,415	7,448,740	174,288	5,981,954	4,474,880	1,730,342	21,952,619
47. Power, electric .....	4,702,760	5,343,756	708,090	1,995,405	1,872,642	279,096	14,901,749
48. Freight: Outgoing .....	250,719	16,271,236	3,168,757	1,336,646	370,020	623,851	22,021,229
49. Express: Outgoing .....	118,367	127,315	615	1,937	13,935	2,230	264,399
50. Insurance: (a) Fire .....	518,811	313,343	54,930	217,330	152,084	124,503	1,381,001
(b) Sickness and accident .....	144,199	394,074	776	60,010	15,787	5,065	619,911
(c) Group .....	209,586	175,559	18,855	83,173	35,505	11,950	534,626
(d) Workmen's compensation ....	2,389,715	2,008,602	200,151	2,551,400	317,948	158,941	7,626,757
(e) Use and occupancy .	122,992	30,328	2,680	17,044	6,369	48,624	228,037
(f) Bullion .....	24,727	8,644	672	...	...	...	34,043
(g) Other .....	205,305	612,186	98,515	278,460	30,244	23,257	1,247,967
51. Advertising .....	6,029	44,100	2,006	73,464	47,299	66,028	238,926
52. Engineering fees .....	93,191	583,458	61,553	261,414	46,136	84,765	1,130,517
53. Patents and royalties .....	44,905	34,215	140,053	1,246,563	79,167	81,831	1,628,734
54. TOTAL .....	42,079,142	105,089,428	13,245,006	41,102,345	26,012,048	6,855,849	234,383,818
55. Estimate of amounts paid for incoming freight, express and cartage, as included in f.o.b. mine values given above .....	1,942,451	5,506,966	384,088	595,254	376,986	182,513	8,988,258

Table 2 - Purchases of Capital Goods, Process Supplies and Specified Services by Canada's Mineral Industries, by Provinces, Calendar Year 1949

Item	Newfoundland	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and Northwest Territories
(In Canadian dollars - f.o.b. mines or plants)										
1. Belting of all kinds, including elevator, conveyor, transmission, etc., and fasteners for same .....	4,115	95,769	5,556	197,975	522,985	40,553	8,052	75,767	154,758	16,786
2. Bolts, nuts, rivets, studs, washers, coach, set and machine screws, etc. ....	9,779	57,590	6,739	124,107	321,885	44,925	5,126	124,418	162,825	6,582
3. Castings: unfinished iron and steel .....	2,529	86,616	6,862	131,409	474,950	101,007	5,501	15,987	79,523	1,955
4. Unfinished brass castings, brass and copper rods and sheets, babbitt and non-ferrous metals of all kinds .....	4,766	47,476	1,124	152,150	316,586	267,815	515	10,053	145,692	4,854
5. Cars and mechanical parts for same .....	200,695	270,021	2,574	287,620	746,715	26,794	65	50,804	95,726	11,746
6. Locomotives and mechanical parts for same .....	15,589	195,977	...	168,202	281,012	61,215	7,996	93,487	95,350	...
7. Track materials; rails and fittings, switches, spikes, bolts, etc. ....	80,066	485,588	9,642	610,166	660,671	245,156	15,955	92,551	142,780	20,162
8. Explosives: powder, fuse, and detonators .....	229,751	551,735	76,790	2,195,141	4,984,661	775,596	19,347	629,912	866,773	19,591
9. Rock drills and parts .....	51,437	15,027	6,752	506,564	1,194,548	267,622	...	196,774	257,837	24,605
10. Oil and gas well drills and parts .....	...	...	3,755	4,019	44,472	...	...	969,950	689	...
11. Drill and tool steels, including detachable rock drill bits .....	52,290	58,559	2,622	980,149	1,783,128	548,443	4,560	294,162	559,922	9,106
12. Pipe and fittings, plumbing supplies and valves ..	55,521	514,401	24,406	751,901	2,978,992	524,040	70,312	6,298,467	795,719	54,995
13. Iron and steel bars, sheets, plates .....	27,527	179,023	12,065	626,752	1,766,554	164,975	15,258	109,976	592,789	16,150
14. Structural steel .....	4,121	173,015	595	858,287	1,823,133	444,464	159,565	59,168	220,227	80,707
15. Wire rope and fittings .....	115,580	476,591	39,349	269,057	799,996	93,715	14,211	112,820	152,325	7,897
16. Diamonds and bort for drilling, including drill cast set bits .....	17,780	5,647	...	292,711	398,549	205,490	...	25,890	80,345	10,550
17. Safety equipment and apparel: safety hats, boots, gloves, goggles, respirators, etc.; miners' lamps and accessories and lamp rentals .....	9,940	175,466	4,952	181,587	585,700	167,991	753	65,678	144,854	5,007
18. Fuel: Coal .....	521,409	146,551	14,700	4,445,053	8,806,467	1,851,031	149,566	636,060	1,859,421	51,925
Coke .....	2,732	7,587	...	22,849	5,386,476	17,684	...	21,040	1,055,455	151
Charcoal and wood .....	...	41	81,598	158,644	226,960	104,529	...	200	80,628	47,402
19. Fuel oil .....	21,968	57,507	26,563	826,065	2,881,458	110,054	124,807	557,547	751,572	164,596
20. Kerosene and gasoline .....	12,917	70,045	29,649	257,451	568,294	102,064	18,437	595,129	149,625	74,495
21. Lubricants; oil, grease and waste .....	28,159	169,789	21,746	252,186	931,250	102,426	25,566	150,006	205,813	41,725
22. Lumber and timber of all kinds .....	77,419	1,600,474	97,927	1,344,787	6,978,795	504,126	26,619	985,611	859,259	156,577
23. Building materials; cement, brick, tile, roofing and building paper, insulating material, building hardware, glass, putty, paints, varnishes and brushes, wood screws, nails, screw hooks and eyes, sand, lime, and miscellaneous supplies .....	29,870	256,470	19,878	1,199,955	2,790,072	518,786	537,459	961,673	444,998	101,866
24. Electrical equipment and supplies; motors, batteries, wire and cable, etc. ....	105,700	924,045	19,555	1,443,501	4,218,925	790,011	55,054	521,657	1,502,411	55,206
25. Electrical recording equipment .....	586	2,468	165	18,466	41,240	7,012	929	5,724	45,873	...
26. Crushing, grinding and screening machinery and parts; ball and tube mill liners, roll shells, etc. ....	1,980	142,459	15,764	888,564	2,928,755	223,596	11,118	117,947	491,876	48,266
27. Filter cloth, rotor covers and ore dressing blankets .....	...	55	...	87,749	382,045	49,424	...	62	157,846	6,405
28. Balls and rods for grinding .....	...	...	...	1,017,517	1,917,852	467,225	...	81,469	187,934	17,571
29. Machinery, mill, n.o.p. and parts .....	...	5,110	2,010	1,653,795	2,220,864	215,094	174,849	151,778	377,563	172,913
30. Machinery, mine, n.o.p. and parts; machine shop, blacksmith shop, carpenter shop and general surface equipment .....	42,241	1,526,475	54,287	1,557,111	5,181,322	1,776,220	43,708	2,243,675	1,000,670	127,061
31. Motor cars and accessories .....	5,429	23,758	15,677	74,884	676,755	25,050	5,851	315,986	71,905	2,617
32. Motor trucks and accessories .....	28,446	170,060	52,107	289,420	1,896,938	47,168	48,405	641,717	255,924	59,830
33. Tractors, power shovels, bulldozers and parts ....	157,258	115,259	200,658	584,254	1,294,920	58,846	144,002	623,488	560,494	29,908
34. Aeroplanes and accessories .....	...	...	150	...	505	27,701	...	258	1,652	...
35. Tools; brooms, picks, shovels, hammers, handles, saws, wrenches, machinists' tools, etc. ....	9,635	101,834	13,799	215,226	527,932	91,101	11,119	105,975	161,627	5,129



Table 2 - Purchases of Capital Goods, Process Supplies and Specified Services by Canada's Mineral Industries, by Provinces, Calendar Year 1949 (Conc.)

Item	Newfoundland	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and Northwest Territories
(In Canadian dollars - f.o.b. mines or plants)										
56. Welding and cutting equipment and accessories; oxygen, acetylene, welding rods, tips, etc. ....	12,750	40,805	8,068	157,927	506,781	63,628	15,366	44,405	104,852	10,170
57. Rubber goods, suits, boots, hose and accessories, pump valves, launder linings, etc. (not including belts) .....	9,617	35,352	5,962	252,248	621,855	99,310	1,818	31,708	159,771	11,662
58. Flotation reagents .....	...	...	...	564,259	1,043,764	484,418	...	...	329,076	9,944
59. Cyanide and cyanide plant chemicals .....	...	...	...	504,473	1,339,195	254,652	...	4,147	163,314	...
40. Acids and chemicals, n.o.p. ....	529	3,161	128	393,718	1,086,382	56,849	2,526	132,154	155,547	3,865
41. Refractories: brick, cement, fireclay, etc. ....	11	12,428	6,687	437,298	2,056,509	123,895	2,925	55,486	145,269	...
42. Smelter fluxes: fluor spar, limestone, quartz, sand, etc. ....	...	58,140	...	26,099	1,049,309	32,275	...	300	104,190	...
43. Hospital equipment and medical supplies .....	15,358	7,013	65	23,452	124,047	12,814	79	10,002	175,623	2,022
44. Stationery, office equipment and supplies .....	12,842	51,732	5,165	123,876	470,404	54,379	6,592	322,770	262,648	6,825
45. Survey and drafting equipment and supplies .....	1,211	5,068	64	57,217	55,304	16,363	116	94,113	25,059	2,686
46. Miscellaneous materials, n.o.p.: Including all materials NOT OTHERWISE PROVIDED FOR in any other item .....	65,734	805,350	24,350	4,101,489	10,283,158	1,730,245	67,356	3,419,325	1,332,395	123,237
47. Power, electric .....	318,070	1,511,023	50,489	3,009,479	6,514,872	1,027,307	78,292	589,913	1,634,163	188,141
48. Freight: Outgoing .....	1,100	1,407,946	51,622	1,766,580	9,665,025	1,480,405	33,924	69,603	7,535,024	...
49. Express: Outgoing .....	150	324	314	43,282	85,597	3,094	50	3,282	98,378	29,928
50. Insurance: (a) Fire .....	17,687	27,285	21,940	337,548	492,657	121,563	24,484	165,772	124,283	47,782
(b) Sickness and accident .....	...	4,072	...	27,648	251,582	154,261	586	56,405	125,359	...
(c) Group .....	232	8,330	13,229	82,842	245,490	41,690	443	31,300	100,932	10,140
(d) Workmen's compensation .....	85,142	1,482,146	52,113	1,186,798	2,546,542	436,801	52,595	978,672	775,303	32,645
(e) Use and occupancy .....	2,690	4,130	...	65,942	42,973	7,245	6,564	12,017	32,829	53,657
(f) Bullion .....	510	...	...	21,080	6,504	886	...	...	5,063	...
(g) Other .....	1,058	176,391	2,956	78,861	752,076	100,431	12,387	79,398	61,916	2,493
51. Advertising .....	196	12,058	1,197	16,312	102,384	22,585	6,499	57,311	20,384	...
52. Engineering fees .....	2,400	1,380	2,677	152,193	238,232	403,419	20,574	238,628	63,799	7,015
53. Patents and royalties .....	114,416	617,789	47,458	42,105	151,478	38,560	100,332	463,475	51,121	...
54. TOTAL .....	2,342,482	14,529,707	1,144,036	58,517,158	104,751,854	17,423,980	1,934,133	24,172,990	27,610,936	1,956,522
55. Estimated amount paid for incoming freight, express and cartage, as included in the f.o.b. mine values given above .....	103,320	436,485	18,616	1,419,535	4,236,780	1,236,381	66,012	240,682	955,651	274,778

Mine Purchases

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Table 5 - Purchases of Capital Goods, Process Supplies and Specified Services by the Base Metal Mining, Smelting and Refining Industries, Calendar Year 1949

(Includes copper-gold-silver; silver-lead-zinc; silver-cobalt; nickel-copper)

Item	Quebec	Ontario	Manitoba	British Columbia	CANADA
(In Canadian dollars, f.o.b. mines or plants)					
1. Belting of all kinds, including elevator, conveyor, transmission, etc., and fasteners for same .....	76,525	295,578	24,492	100,557	498,752
2. Bolts, nuts, rivets, studs, washers, coach, set and machine screws, etc. ....	59,514	176,455	31,001	136,180	402,950
3. Castings: unfinished iron and steel .....	45,202	429,783	87,099	48,144	610,228
4. Unfinished brass castings, brass and copper rods and sheets, babbitt and non-ferrous metals of all kinds.	118,409	273,490	260,041	142,500	794,440
5. Cars and mechanical parts for same .....	161,629	444,855	25,287	77,442	709,213
6. Locomotives and mechanical parts for same .....	155,227	40,652	50,225	80,000	324,104
7. Track materials; rails and fittings, switches, spikes, bolts, etc. ....	125,282	418,283	199,897	155,855	877,317
8. Explosives; powder, fuse, and detonators .....	675,702	1,535,625	512,543	596,058	3,317,928
9. Rock drills and parts .....	201,660	258,285	197,521	186,335	843,801
10. Oil and gas well drills and parts .....	...	...	...	689	689
11. Drill and tool steels, including detachable rock drill bits .....	266,151	360,026	195,191	247,343	1,068,691
12. Pipe and fittings, plumbing supplies and valves ....	451,218	1,858,203	241,165	780,893	3,331,479
13. Iron and steel bars, sheets, plates .....	398,023	1,153,192	127,755	472,358	2,151,328
14. Structural steel .....	814,593	804,598	429,290	227,640	2,275,921
15. Wire rope and fittings .....	112,037	537,268	77,784	88,637	615,726
16. Diamonds and bort for drilling, including drill cast set bits .....	242,463	225,702	116,123	48,060	650,548
17. Safety equipment and apparel: safety hats, boots, gloves, goggles, respirators, etc.; miners' lamps and accessories and lamp rentals.....	91,545	284,033	152,567	152,385	660,530
18. Fuel: Coal .....	1,555,536	5,225,999	759,499	1,094,551	8,451,565
Coke .....	15,825	3,306,974	...	1,055,394	4,558,185
Charcoal and wood .....	52,684	24,103	63,115	63,237	183,137
19. Fuel oil .....	424,179	1,899,802	44,564	558,655	2,906,980
20. Kerosene and gasoline .....	24,327	39,446	64,413	131,961	260,147
21. Lubricants; oil, grease and waste .....	80,364	356,532	67,960	139,067	643,923
22. Lumber and timber of all kinds .....	700,065	4,088,819	416,624	797,447	6,002,955
23. Building materials: cement, brick, tile, roofing and building paper, insulating material, building hardware, glass, putty, paints, varnishes and brushes, wood screws, nails, screw hooks and eyes, sand, lime and miscellaneous supplies .....	932,050	1,046,223	284,310	589,954	2,652,537
24. Electrical equipment and supplies: motors, batteries, wire and cable, etc. ....	1,019,790	2,378,289	670,948	1,204,133	5,273,158
25. Electrical recording equipment .....	12,910	8,208	5,077	43,888	70,083
26. Crushing, grinding and screening machinery and parts; ball and tube mill liners, roll shells, etc. ....	240,771	950,422	126,620	240,896	1,558,709
27. Filter cloth, rotor covers and ore dressing blankets.	54,108	288,610	44,476	154,621	521,815
28. Balls and rods for grinding .....	410,516	676,948	250,201	86,757	1,404,422
29. Machinery, mill, n.o.p. and parts .....	1,269,766	562,744	59,897	328,405	2,218,612
30. Machinery, mine, n.o.p. and parts; machine shop, blacksmith shop, carpenter shop and general surface equipment .....	836,291	1,816,963	1,680,892	965,142	5,299,288
31. Motor cars and accessories .....	3,744	581,918	8,041	41,870	615,571
32. Motor trucks and accessories .....	20,748	26,653	20,309	198,615	266,325
33. Tractors, power shovels, bulldozers and parts .....	82,412	27,805	41,701	299,363	451,281
34. Aeroplanes and accessories .....	...	...	27,701	1,652	29,553
35. Tools: brooms, picks, shovels, hammers, handles, saws, wrenches, machinists' tools, etc. ....	125,772	252,209	77,656	150,750	588,987
36. Welding and cutting equipment and accessories; oxygen, acetylene, welding rods, tips, etc. ....	81,953	231,557	49,089	90,309	452,708
37. Rubber goods, suits, boots, hose and accessories, pump valves, launder linings, etc. (not including belts) .....	144,558	202,280	88,824	148,543	584,005
38. Flotation reagents .....	525,724	767,496	395,905	300,860	1,989,985
39. Cyanide and cyanide plant chemicals .....	189,409	...	149,326	86,210	424,945
40. Acids and chemicals, n.o.p. ....	298,259	873,304	34,162	136,032	1,141,757
41. Refractories: brick, cement, fireclay, etc. ....	231,659	1,838,830	91,977	111,471	2,273,937
42. Smelter fluxes: fluorspar, limestone, quartz, sand, etc. ....	5,714	1,006,132	63	103,857	1,115,766
43. Hospital equipment and medical supplies .....	7,122	76,919	5,296	155,183	244,500
44. Stationery, office equipment and supplies .....	53,756	217,289	43,174	247,483	561,702
45. Survey and drafting equipment and supplies .....	17,027	4,313	12,735	22,616	56,691
46. Miscellaneous materials, n.o.p.: Including all materials NOT OTHERWISE PROVIDED FOR in any other item	1,224,288	4,694,296	582,045	948,111	7,448,740
47. Power, electric .....	1,115,524	2,558,322	584,780	1,285,330	5,543,756
48. Freight: Outgoing .....	1,339,134	6,273,911	1,481,820	7,196,371	16,271,238
49. Express: Outgoing .....	15,138	16,170	2,427	93,580	127,315
50. Insurance: (a) Fire .....	89,387	94,476	44,643	84,837	313,343
(b) Sickness and accident .....	4,599	117,687	143,808	122,990	394,074
(c) Group .....	21,505	36,342	28,030	89,482	175,359
(d) Workmen's compensation .....	497,449	647,633	315,045	348,455	2,008,602



Mine Purchases

Table 3 - Purchases of Capital Goods, Process Supplies and Specified Services by the Base Metal Mining, Smelting and Refining Industries, Calendar Year 1949 (Conc.)

(Includes copper-gold-silver; silver-lead-zinc; silver-cobalt; nickel-copper)

Item	Quebec	Ontario	Manitoba	British Columbia	CANADA
(In Canadian dollars, f.o.b. mines or plants)					
50. Insurance (Conc.):					
(e) Use and occupancy .....	12,159	8,195	...	9,974	30,328
(f) Bullion .....	4,766	345	...	3,533	8,644
(g) Other .....	31,352	480,808	71,846	28,180	612,186
51. Advertising .....	1,944	18,821	8,789	16,546	44,100
52. Engineering fees .....	85,452	46,540	402,051	49,435	583,458
53. Patents and royalties .....	...	8	9,110	25,097	34,215
54. TOTAL .....	17,609,896	52,257,987	11,951,506	23,290,059	105,089,428
55. Estimate of amounts paid for incoming freight, express, and cartage, as included in f.o.b. mine values given above .....	975,403	2,650,554	876,211	1,024,798	5,506,966

Table 4 - Purchases of Capital Goods, Process Supplies and Specified Services by the Gold Mining Industry, Calendar Year 1949

Item	Gold ores					Placer gold
	Quebec	Ontario	Manitoba	British Columbia	CANADA	TOTAL
(In Canadian dollars - f.o.b. mines or plants)						
1. Belting of all kinds, including elevator, conveyor, transmission, etc., and fasteners for same .....	43,559	123,748	5,597	5,279	178,185	720
2. Bolts, nuts, rivets, studs, washers, coach, set and machine screws, etc. ....	36,849	98,546	9,961	17,766	162,922	3,839
3. Castings; unfinished iron and steel .....	16,894	8,702	9,931	457	35,984	115
4. Unfinished brass castings, brass and copper rods and sheets, babbitt and non-ferrous metals of all kinds .....	23,339	31,986	4,860	1,337	61,521	1,118
5. Cars and mechanical parts for same .....	91,902	252,065	1,323	16,218	361,508	9,171
6. Locomotives and mechanical parts for same .....	103,724	214,739	5,937	15,394	337,794	...
7. Track materials; rails and fittings, switches, spikes, bolts, etc. ....	106,426	213,636	36,602	26,634	383,298	...
8. Explosives; powder, fuse, and detonators .....	1,321,756	2,719,742	242,072	246,087	4,529,657	...
9. Rock drills and parts .....	279,993	718,571	65,233	82,460	1,146,257	...
10. Oil and gas well drills and parts .....	3,950	...	...	...	3,950	...
11. Drill and tool steels, including detachable rock drill bits .....	696,711	1,361,318	151,479	91,628	2,301,136	80
12. Pipe and fittings, plumbing supplies and valves .....	243,707	747,927	75,198	47,507	1,114,339	4,717
13. Iron and steel bars, sheets, plates .....	156,551	433,820	25,398	108,180	723,949	8,449
14. Structural steel .....	7,871	455,393	...	185	463,249	68,460
15. Wire rope and fittings .....	135,447	351,480	11,512	24,732	523,171	4,715
16. Diamonds and bort for drilling, including drill cast set bits .....	17,686	169,875	89,367	42,855	319,763	...
17. Safety equipment and apparel; safety hats, boots, gloves, goggles, respirators, etc.; miners' lamps and accessories and lamp rentals .....	64,284	208,290	14,360	15,468	302,402	...
18. Fuel: Coal .....	196,897	423,414	26,235	29,811	676,357	925
Coke .....	56	1,085	...	71	1,192	131
Charcoal and wood .....	31,425	108,372	37,893	25,078	202,568	600
19. Fuel oil .....	71,829	166,768	23,535	204,923	466,855	16,577
20. Kerosene and gasoline .....	42,298	111,333	7,094	8,162	168,887	58,927
21. Lubricants; oil, grease and waste .....	91,071	210,659	17,985	25,721	345,436	33,192
22. Lumber and timber of all kinds .....	574,608	2,355,119	76,730	151,691	3,158,148	4,417
23. Building materials; cement, brick, tile, roofing and building paper, insulating material, building hardware, glass, putty, paints, varnishes and brushes, wood screws, nails, screw hooks and eyes, sand, lime, and miscellaneous supplies .....	166,622	580,959	111,067	130,015	988,663	4,028
24. Electrical equipment and supplies; motors, batteries, wire and cable, etc. ....	286,644	847,858	89,524	63,054	1,267,080	23,198
25. Electrical recording equipment .....	2,372	8,301	422	...	9,095	...
26. Crushing, grinding and screening machinery and parts; ball and tube mill liners, roll shells, etc. ....	285,587	921,221	51,646	52,402	1,310,856	...

Table 4 - Purchases of Capital Goods, Process Supplies and Specified Services by the Gold Mining Industry, Calendar Year 1949 (Conc.)

Item	Gold ores					Placer gold
	Quebec	Ontario	Manitoba	British Columbia	CANADA	TOTAL
	(In Canadian dollars - f.o.b. mines or plants)					
27. Filter cloth, rotor covers and ore dressing blankets .....	51,096	92,987	4,948	9,821	158,652	...
28. Balls and rods for grinding .....	457,510	1,065,517	174,079	61,155	1,758,061	...
29. Machinery, mill, n.o.p. and parts .....	112,646	1,011,504	20,437	140,296	1,284,883	6,450
30. Machinery, mine, n.o.p. and parts: machine shop, blacksmith shop, carpenter shop and general surface equipment .....	494,762	1,085,334	67,911	113,908	1,761,915	21,207
31. Motor cars and accessories .....	47,454	21,980	...	8,648	78,082	2,617
32. Motor trucks and accessories .....	33,729	85,807	3,895	11,052	134,483	...
33. Tractors, power shovels, bulldozers and parts ..	45,661	79,878	7,809	41,835	174,981	627
34. Aeroplanes and accessories .....	...	305	...	...	305	...
35. Tools: brooms, picks, shovels, hammers, handles, saws, wrenches, machinists' tools, etc. ....	67,003	159,760	8,875	18,155	253,793	2,284
36. Welding and cutting equipment and accessories; oxygen, acetylene, welding rods, tips, etc. ..	44,633	114,837	10,201	6,965	176,636	4,366
37. Rubber goods, suits, boots, hose and accessories, pump valves, launder linings, etc. (not including belts) .....	84,697	245,305	10,042	15,740	355,784	3,869
38. Flotation reagents .....	38,435	223,628	88,513	38,160	388,736	...
39. Cyanide and cyanide plant chemicals .....	513,176	1,338,791	105,326	77,104	1,854,397	...
40. Acids and chemicals, n.o.p. ....	82,635	335,592	8,526	22,712	448,265	...
41. Refractories: brick, cement, fireclay, etc. ...	18,260	58,016	2,472	11,094	89,842	...
42. Smelter fluxes: fluorspar, limestone, quartz, sand, etc. ....	18,551	42,523	48	174	61,296	...
43. Hospital equipment and medical supplies .....	12,601	30,281	7,352	21,014	71,248	758
44. Stationery, office equipment and supplies ....	34,737	150,829	6,194	15,925	187,685	1,325
45. Survey and drafting equipment and supplies ...	15,138	55,422	3,458	2,841	56,859	84
46. Miscellaneous materials, n.o.p.: Including all materials NOT OTHERWISE PROVIDED FOR in any other item .....	406,461	1,316,827	222,315	98,881	2,044,484	97,931
47. Power, electric .....	1,100,820	3,029,937	239,746	220,485	4,590,988	111,772
48. Freight: Outgoing .....	13,629	17,363	2,393	217,354	250,719	...
49. Express: Outgoing .....	16,741	66,326	667	4,705	88,439	29,928
50. Insurance: (a) Fire .....	136,289	270,275	52,086	46,591	505,041	13,770
(b) Sickness and accident .....	21,002	116,511	5,173	1,513	144,199	...
(c) Group .....	58,761	145,636	11,623	3,426	199,446	10,140
(d) Workmen's compensation .....	501,585	1,612,730	66,340	205,931	2,586,586	3,129
(e) Use and occupancy .....	9,885	33,511	6,792	19,800	69,988	53,004
(f) Bullion .....	16,314	6,159	886	1,368	24,727	...
(g) Other .....	27,686	125,329	28,930	24,024	205,969	1,336
51. Advertising .....	3,982	1,935	...	112	6,029	...
52. Engineering fees .....	31,325	48,170	...	13,696	93,191	...
53. Patents and royalties .....	11,780	9,991	23,154	...	44,905	...
54. TOTAL .....	9,408,601	28,781,523	2,358,732	2,904,958	41,453,814	625,528
55. Estimate of amounts paid for incoming freight, express and cartage, as included in f.o.b. mine values given above .....	258,578	1,248,524	245,397	163,757	1,916,256	26,175