



INDEX TO VOLUME X.

1891.

	PAGE		PAGE		PAGE
Acadia Coal Co. Sales, 1890.....	3	Belleville Natural Gas and Oil Co.....	100	Canadian Rand Drill Co.....	265
Accidents by Falls of Roofs.....	199	Belmont Bessemer Ore Co..... 79, 99, 210,	234	Canadian Smelting and Refining Co.....	45
Accumulators and Mining.....	162	Belmont District.....	210	Canadian Superphosphate Manufacturing Co.....	196
Ahn, Robert H.....	258	Bell's Asbestos Co..... 17, 43, 45, 57, 77, 146, 180,	258	Cant Bros. Company.....	45
Alabama Bog Ores.....	198	Bertie Natural Gas Co.....	211	Cape Breton Coal Production, 1890.....	130
Alaska, Mineral Wealth of.....	101	Bessemer Process, Profits of.....	138	Cape Breton Institute of Mine Officials.....	247
Alaska, Treadwell Gold Co. Earnings.....	258	Biggest Stationary Engine in the World.....	137	Cape Breton Notes 15, 98, 130, 194, 209,	261
Alberta and British Columbia Exploration Co.....	159	Birkinbine, John.....	57	Carbon Brushes for Dynamos and Motors.....	183
Alberta, Mineral Commission for.....	146	Bituminous Shales, New Brunswick.....	244	Carbonate Mountain Mining Co.....	211
Alberta Railway and Coal Co..... 17, 77, 132, 133,	211	Black Chief Claim (Kootenay).....	221	Cariboo District B. C. Notes 15, 77,	78
Albertite of New Brunswick.....	244	Black Diamond Coal Co., Sales, 1890.....	3	Cariboo Gold Yield, 1890.....	78
Albion Mines Savings Bank.....	133	Black Jack Quartz Co..... 15,	78	Caribou District, N.S., Notes 15, 130,	194
Algoma West, Mineral Industries of.....	64	Blast Furnace Boilers, Gas Burning Devices for.....	183	Carlyle, Prof. W. C.....	217
Alloys, New.....	241	Blast Furnace, Gas Purification.....	169	Casks from One Piece of Wood.....	217
Alloys, Notes on.....	213	Blast Furnace, Improved Bosh Plate.....	182	Cast Iron Car Wheels.....	109
Alluvial Gold Workings in Australia.....	199	Blast Furnace, Large Charcoal.....	129	Cast Iron, Toughness of.....	109
Aluminum Alloy, Wilder's Patent.....	213	Blast Furnace Progress.....	257	Cedar Lake Amber Deposits..... 115,	256
Aluminum, Cheapening of.....	21	Blast Furnace Slag for Roads.....	257	Centering Machine, A New.....	211
Aluminum Production.....	240	Blue, A., Director of Mines, Ont.....	114	Central Lake Mining Co.....	45
American Asbestos Co..... 15, 43,	209	Boilers, Foaming in.....	21	Chain, A New Wellless Steel.....	259
American Institute of Mining Engineers.....	85	Boilers, the Practical Care of.....	135	Charcoal Iron Industry in Canada.....	185
American Iron Trade.....	217	Boilers, Methods of Making High Pressure.....	51	Charcoal Iron Shipments to Europe.....	178
American Iron and Steel Trades.....	139	Boilers, Novel Device for.....	21	Charcoal Iron Workers Meeting in Canada.....	172
American Metals and Minerals, 1890.....	53	Boilers—Tests for Determining the Calorific Value of Fuels.....	32	Chemical Contributions, (Hoffman).....	27
American Pig Iron Surplus.....	54	Bonanza Nickel Mining Co. of Sudbury.....	132	Chicago Algoma Nickel Co.....	211
American Sandstone Industry.....	194	Boring Apparatus, New..... 57,	234	Chlorination Process, New Electrical.....	175
Ammonite, a New Explosive.....	240	Boston Gold Mining Co..... 14,	43	Clementsport Iron Co.....	45
Anglo-American Mining Co.....	15	Boyd, Lucius J..... 217,	258	Coal Analysis, Simple Method.....	176
Anglo-Canadian Asbestos Co..... 15, 43, 101, 132,	209	Bras d'Or Lime Co.....	100,	Coal Combustion.....	174
Anglo-Canadian Electro Storage and Supply Co.....	133	Bras d'Or Marble Co.....	131	Coal Contracts, 1891.....	58
Anglo-Canadian Phosphate Co..... 134, 159,	210	Brick Machine, A New.....	244	Coal Conveyor, A.....	96
Anglo-Continental Guano Co..... 15,	158	Bristol Iron Co.....	44	Coal Cutters, Reciprocating.....	165
Anglo-Continental Guano Co. vs. Emerald Co.....	208, 255,	British Coal Mining Progress.....	107	Coal Cutting by Electricity.....	164
Annand Gold Mine.....	259	British Columbia Coal Trade, 1890..... 15,	78	Coal Gas, Pressure of.....	249
Anthracite in New Brunswick.....	244	“ “ Gold Yield, 1890.....	15	Coal Handling Machinery.....	241
Anthracite Mine Surveying.....	12	“ “ Iron Works Co.....	17	Coal Handling Plant, An Interesting.....	187
Anthracite, Pennsylvania.....	27	“ “ Mineral Bill.....	38	Coal Hoisting, Novel System of.....	249
Anthracite, Sifting.....	123	“ “ Mining in.....	123	Coal Imports by Water..... 2, 6 255,	258
Antimony in New Brunswick.....	245	“ “ Mining Legislation.....	114	Coal Imported by Ontario.....	254
Applied Science at McGill University..... 143,	156	“ “ Notes from..... 15, 44, 77, 99, 132,	262	Coal in New Brunswick.....	244
Arkansas Mining Claims.....	221	159, 180, 195, 210, 234, 247,	262	Coal Miner, Protective Measures for.....	260
Arsenic and Sulphur as Metallurgical Agents.....	154	British Columbia Roburite Explosives Co.....	100	Coal Mining in British Columbia.....	92
Artesian Well at Deloraine.....	86	British Iron Trade Statistics.....	172	Coal Mining, Notes on.....	90
Asbestos in Australia.....	200	British Mineral Production.....	154	Coal Mining, Past and Present.....	255
Asbestos, Chemical Composition.....	119	Broken Hill Mine, Australia.....	200	Coal Mining Profits.....	46
Asbestos Club..... 129, 146, 195, 204,	209	Brookfield (North) District, N. S.....	233	Coal Operator's Rights.....	115
Asbestos, Exports of Canadian..... 4,	255	Brown's Patent Steel Wire Chain.....	7	Coal Production of British Columbia, 1890.....	78
Asbestos, History, Occurrence and Uses..... 4,	59	Buffalo Lake and Battleford Railway and Coal Co.....	17	Coal Production of United States.....	214
Asbestos Industry in 1890.....	95	Building Stones of New Brunswick.....	245	Coal, Reciprocating..... 29,	58
Asbestos Mines Close Down.....	204	Bush Fires in Quebec..... 143,	186	Coal Separating and Washing Plant.....	223
Asbestos, Uses of.....	206	Cage Props.....	138	Coal Sinkings, Cost of.....	128
Assay Furnace, A.....	160	Cages, Electrical Safety Appliance for.....	165	Coal Trade of British Columbia.....	15
Atlantic Stone Co.....	79	Caledonia Coal and Railway Co..... 3,	130	Coal Trade Deputation.....	5
Australian Gold Deposits.....	199	Canada Chemical Manufacturing Co.....	133	Coal Train, A Heavy.....	249
Australian Mine, The Richest.....	200	Canada Coal Co..... 210,	261	Coal Washer, A New.....	137
Automatic Expansion Gear for Steam Engines.....	20	Canada Industrial Co.....	180	Coal Wharfage at Montreal.....	7
Badger Silver Mining Co..... 44, 57, 65, 85, 100,	234	Canada, Mineral Production, 1890.....	130	Coal, What a Pound of, Represents.....	211
Baku Naptha Syndicate.....	240	Canada North-West Coal and Lumber Syndicate, 15,	132	Coke, Improvements in Drawing and Loading.....	261
Baku Oil Production.....	238	Canadian Copper Co..... 45, 58, 144,	180	Coke, Production and Sales of, 1890.....	7
Balbach Smelting and Refining Co.....	27	Canadian Gems.....	242	Coleraine Mining Company..... 210,	263
Bar-Channeler-Ingersoll-Sergeant Patent.....	239	Canadian Made Mining Machinery.....	50	Colchester County, N.S., Notes 98,	261
Bar Mill, A New.....	226	Canadian Minerals, Annotated List of..... 7, 13,	42	Collieries, Damping the Air of.....	234
Barnum, P. T., as a Mine-Promoter.....	86	Canadian Mining Companies formed in 1890..... 5,	16	Colliery Engineers Pocket-Book.....	144
Basic Process Applied to Copper Smelting.....	81	Canadian Mining Companies, English Stock Quota- tions of..... 17, 18, 46, 79, 101, 133, 160, 181,	265	Colliery Mechanical Engineering.....	136
Beauce Asbestos Co.....	180	196, 247.....	265	Colliery Sale, A Remarkable.....	217
Beaver Asbestos Co..... 43, 44,	210	Canadian Natural Gas Co.....	180	Company Promoting, Unscrupulous.....	115
Beaver Dam District..... 43, 98, 130, 179,	233	Canadian Phosphate Co.....	44		
Beaver Silver Mine..... 65,	85				