

Gold Mining in Nova Scotia.

By courtesy of Dr. Gilpin we are able to give below details of the gold returns of Nova Scotia reported to the Mines Office for royalty during the year ended 31st December last. These show a slight advance over previous years, the bulk of the yield coming, as in previous years, from the Brookfield, Richardson, and Blue Nose mines. These mines have been steadily and economically worked, and have yielded excellent profits from the low-grade material milled.

The following statement shows the gold returns reported to the Mines Department, Halifax, during the year ended 31st December, 1902:—

COMPANY OR MINR.	DISTRICT.	CRUSHED.		GOLD YIELD.		
		Tons.	Cwt.	Oz.	Dwt.	Gr.
Robert McKay	Cow Bay	1713		33	3	14
Oldham	Oldham	772	10	614	17	12
Royal Oak	Sherbrooke	4310	7	2394	16	..
Blue Nose	Blue Nose	11211		2391	..	..
Touquoy	Caribou	1836	..	801	20	12
Moose River Gold Mining Co.	"	1809	10	310	18	2
Baltimore—N.S. Mining Co.	"	7314	..	1562	7	..
West Lake Mining Co. (Donald Archibald and others)	Mt. Uniacke	691	..	1749	11	10
National Mining Co.	"	66	..	28	18	11
Modstock Mining Co.	Stormont	280	..	109	..	..
Richardson Gold Mining Co.	"	30455	..	3408	..	..
Goldfinch Mining Co. (Howard Richardson <i>et al.</i>)	"	1005	5	645	15	3
Strathcona Mine	"	3925	..	1558	2	..
George F. McNaughton	"	20	..	10	..	..
James A. Fraser <i>et al.</i>	"	1010	..	341	4	..
Tudor Gold Mining Co.	Waverley	156	..	13	3	16
Waverley Gold Mining Co.	"	8933	..	2835	15	..
Alfred C. Blair	Stormont	60	..	15	13	..
Argonaut Mining & Milling Co. (A. Walton <i>et al.</i>)	Kemptville	685	..	460	2	..
Brookfield Mining Co.	Brookfield	6475	..	4962	9	1
Pictou Development Co.	Renfrew	594	..	1649	5	..
Warwick Gold Mining Co.	"	426	3	23	10	13
John W. Lowe and others	Whiteburn	189	..	70	15	..
New Egerton Gold Mining Co.	Fifteen Mile St'm	2653	..	513	8	..
Old Province Mining Co.	Wine Harbor	146	..	23	12	..
J. J. Snook and others	"	710	..	117	18	..
Plough Lead Mining Co.	"	2783	..	877	2	..
Royal Mining Co.	Fifteen Mile Br'k	302	..	233	9	3
Wm. Crook and others	Lawrencetown	154	..	47	5	10
Micmac Mining Co.	Leipsigate	1665	5	786	10	14
Nova Scotia Gold Mfg. & Dev. Co.	"	174	..	114	10	..
John H. Anderson <i>et al.</i>	Lake Catcha	181	11	273	14	11
F. W. Hanright <i>et al.</i>	"	610	..	279	17	12
Alex. McMillan <i>et al.</i>	Molega Barrens	119	11	224	19	..
M. McMann and others	Harrigan Cove	124	..	34	..	..
St. Anthony Gold Mining Co.	"	1133	..	493	9	..
Great Belt Mining Co.	Mt. Uniacke	2307	..	211	15	..
Miller's Lake M. Co., and others	Miller's Lake	108	..	59	..	..
A. K. Archibald <i>et al.</i>	Harrigan Cove	198	..	750	..	..
Geo. E. Francklyn <i>et al.</i>	Montagu	100	10	39	17	11
Miscellaneous	Miscellaneous	170	..	77	6	18
Mortared	"	..	..	8	19	16
Total		95827	5	31149	1	..

We give below the returns of the three principal producing companies, for a number of years:—

BROOKFIELD MINING COMPANY, QUEEN'S COUNTY.

1895.....	2,975	ozs., 11 dwt., 15 grs., from 4,242 tons rock milled		
1896.....	4,667	" 10 " 15 " " 5,315 " "		
1897.....	3,906	" 18 " " " 9,712 " "		
1898.....	2,659	" " " " 8,020 " "		
1899.....	3,125	" 6 " " " 9,563 " "		
1900.....	3,083	" 2 " 13 " " 8,989 " "		
1901.....	2,836	" 18 " " " 7,515 " "		
1902.....	4,962	" 9 " 1 " " 6,475 " "		

BLUENOSE GOLD MINING CO., SHERBROOKE.

1896.....	432	ozs. (3 months' work) from 1,536 tons rock milled.		
1897.....	1,939	" 13 dwt., " 7,983 " "		
1898.....	3,64	" " " " 10,455 " "		
1900.....	4,218	" 1 " " " 12,588 " "		
1901.....	4,201	" " " " 13,860 " "		
1902.....	2,391	" " " " 11,211 " "		

BOSTON-RICHARDSON GOLD MINING COMPANY, COUNTRY HARBOUR.

1893.....	2,237	ozs., 18 dwt., 10 grs., from 6,048 tons rock milled.		
1894.....	1,674	" 10 " 10 " " 7,016 " "		
1895.....	1,677	" 7 " " " 10,283 " "		
1896.....	2,550	" (from 1st January to 31st Dec.)		
1897.....	3,004	" " " " from 25,450 " "		
1898.....	2,478	" 5 dwt., " 24,121 " "		
1899.....	2,949	" 10 " " " 21,583 " "		
1900.....	4,779	" " " " 23,785 " "		
1901.....	3,279	" " " " 24,610 " "		
1902.....	3,408	" " " " 30,455 " "		

Mining in the North-West, 1902.

Mining in the North West Territories may be clearly divided into five districts, where mines are in operation, Canmore and Anthracite, Lethbridge, Souris, Edmonton and Blairmore.

Mining at Canmore is actively carried on all the year round, the output of coal being entirely consumed by the locomotives of the Canadian Pacific Railway. These mines have been in operation for over twelve (12) years principally by the one company the H. W. McNeill Co. with head offices at Anthracite, Alta.

No. 3 slope is sunk to a depth of 650 feet with workings mainly to the east over a mile in length. Within the past year a new underground slope has been sunk on No. 3 seam with cross-cut tunnels to No. 1 and 2 seams; the extra lift of coal thus gained will ensure a steady output from this mine for a number of years. Development work has also been pushed to the west of the slope, but troubled ground has materially hindered operations. About 2 miles to the east of No. 3 slope prospecting work is being done and the indications of a fairly large field are very hopeful.

At Anthracite, from which mine the hard coal consumers of the west depend entirely upon for their supply is at the present time crippled in its output, on account of the negotiations between the operating company and the owners of the adjoining property failing to agree on the point of royalty. The coal area owned by the present company operating is practically worked out but a favorable opportunity presents itself to bring the coal from the adjoining property out of the slope now in use. Should this slope be abandoned the cost of extracting the anthracite coal from the adjoining property, by driving a new tunnel to tap the seams, will be greatly increased to the operator or consumer. Lethbridge Mine which has supplied the wants of the North West Territories since the country first began to be settled, still holds the sway in the domestic coal market. The haulage roads extend for miles, radiating from the shaft in all directions to within 1000 feet of the working faces. This system of haulage is extended as the working faces advance and these extensions are in such a direction that the present shaft will be economically available for hoisting for many years to come. The mine although not tested to its full capacity last year, on account of a lack of cars, was producing in the height of the season over 900 tons per day.

Coal mining in south eastern Assiniboia has greatly benefitted by the coal famine in the Manitoba market, the output for the past year being more than double of any former year. There are three mines in operation, Roche Perce, Souris No. 1 and Souris No. 2 the latter producing the greatest tonnage with development work ahead capable of a production of 600 tons per day.

Edmonton coal mining like Edmonton real estate has taken an unprecedented boom, not unprecedented to the inhabitants of that city but certainly to the ears and eyes of the outside public. The whole surrounding country is underlaid by strata of coal varying from 2 feet to 12 feet in thickness. Altogether there are about thirty independent operators within a radius of twenty miles each of them producing from three to thirty tons per day. The coal is lignitic in nature, very suitable for domestic purposes and stationary boilers. The great stir in