

MINES AND MINERALS.

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MINING AND MINERAL STATISTICS

OF THE

UNITED KINGDOM OF GREAT BRITAIN  
AND IRELAND,

INCLUDING LISTS OF MINES AND MINERAL WORKS,

For the Year 1884.

PREPARED BY HER MAJESTY'S INSPECTORS OF MINES

By direction of the Secretary of State for the Home Department.

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Presented to both Houses of Parliament by Command of Her Majesty.

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1885.

## Year 1884.

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LIST of the NAMES, ADDRESSES, DATES of APPOINTMENT, of Her Majesty's INSPECTORS OF MINES, under The COAL MINES REGULATION ACT, 1872, with the STRATIFIED IRONSTONE MINES (GUNPOWDER) ACT, 1881, and under the METALLIFEROUS MINES REGULATION ACTS, 1872 and 1875, with the SLATE MINES (GUNPOWDER) ACT, 1882; and also of the CLERKS of MINERAL STATISTICS; and the NAMES and ADDRESSES of the SECRETARIES of the BOARDS for EXAMINATIONS, and the Months in which the EXAMINATIONS for CERTIFICATES OF COMPETENCY are usually held. 31st March 1885.

Names, Addresses, and Dates of Appointments of Chief Inspectors, according to Seniority of Appointment.	Names, Addresses, and Dates of Appointments of Inspectors Assisting.	Districts assigned under Coal Mines Act, Names and Addresses of Secretaries to Boards for Examinations, and Months in which the Examinations are held.	Districts assigned under Metalliferous Mines Acts.
Joseph Dickinson, Esq., South Bank, Pendleton, Manchester. 1850.	J. S. Martin, Esq., Prestwich, Manchester. 1873.	MANCHESTER DISTRICT, comprising North and East Lancashire and IRELAND. Maskell W. Peace, Esq., Wigan. (December.)	Cheshire, Kent, Middlesex, Surrey, Sussex, North and East Lancashire, except the detached part of North Lancashire, also Ireland.
Thomas Wynne, Esq., Gnosall, Stafford. 1852.	A. R. Sawyer, Esq., Basford, Stoke-on-Trent. 1879.	NORTH STAFFORDSHIRE DISTRICT, comprising North Staffordshire, Cheshire, and Shropshire. Joseph Knight, Esq., Newcastle-under-Lyne, Staffordshire. (June.)	North Staffordshire.
William Alexander, Esq., Glasgow. 1855.	J. M. Ronaldson, Esq., Pollokshields, Glasgow. 1875.	SCOTLAND, WEST DISTRICT, comprising counties of Argyle, Ayr, Dumfries, Dumbarton, Renfrew, and portions of Lanark and Stirling. Stuart Foulis, Esq., 135, St. Vincent Street, Glasgow. (November.)	Argyle, Ayr, Dumfries, Dumbarton, Kircudbright, Renfrew, Wigtown, and portions of Lanark and Stirling.
Thomas Evans, Esq., Pen-y-bryn, Derby. 1855.	A. H. Stokes, Esq., Greenhill, Derby. 1874.	MIDLAND DISTRICT, comprising counties of Derby, Leicester, Nottingham, and Warwick. Wm. Saunders, Esq., The Wardwick, Derby. (October.)	Berkshire, Buckinghamshire, Cambridge, Derby, Hertfordshire, Huntingdonshire, Leicester, Northampton, Nottingham, Oxford, Rutland, and Warwickshire.
Ralph Moore, Esq., 13, Clairmont Gardens, Glasgow. 1862.	J. T. Robson, Esq., Cambuslang, Glasgow. 1873.	SCOTLAND, EAST DISTRICT, comprising counties of Clackmannan, Edinburgh, Fife, Haddington, Kinross, Linlithgow, Perth, Sutherland, upper and middle wards of Lanark, and part of Stirling. Robert Calder, Esq., 296, Renfrew Street, Glasgow. (May.)	Clackmannan, Edinburgh, Fife, Haddington, Inverness, Kinross, portions of Lanark, Linlithgow, Perth, Shetland, part of Stirling, and Sutherland.
Thos. E. Wales, Esq., Swansea. 1864.	E. W. Randall, Esq., Penarth, near Cardiff. 1883.	SOUTH WALES DISTRICT, comprising counties of Carmarthen, Pembroke, and portions of Brecon and Glamorgan. C. H. James, Esq., 8, Courtland Terrace, Merthyr Tydfil. (January.)	Carmarthenshire, Glamorgan-shire, and Pembrokeshire.
Frank N. Wardell, Esq., Wath-upon-Deerne, Rotherham. 1867.	John Gerrard, Esq., Wakefield. 1874.	YORKSHIRE AND LINCOLNSHIRE DISTRICT, comprising Yorkshire, exclusive of North Riding, and Lincolnshire. John R. Jeffery, Esq., Solicitor, 5, Piccadilly, Bradford. (June.)	Yorkshire, exclusive of North Riding.

Names, Addresses, and Dates of Appointments of Chief Inspectors, according to Seniority of Appointment.	Names, Addresses, and Dates of Appointments of Inspectors Assisting.	Districts assigned under Coal Mines Act, Names and Addresses of Secretaries to Boards for Examinations, and Months in which the Examinations are held.	Districts assigned under Metalliferous Mines Act
James Willis, Esq., Newcastle-on-Tyne. 1871.	J. B. Atkinson, Esq., Stocksfield, Newcastle-on-Tyne. 1873.	NEWCASTLE DISTRICT, comprising counties of Cumberland, Northumberland, and part of Durham. George Southern, Esq., The Mining Institute, Newcastle-on-Tyne. (January.)	Cumberland, Northumberland, and the detached part of North Lancashire.
C. Le Neve Foster, Esq., Llandudno. 1873.	-	-	NORTH WALES, &c. AND ISLE OF MAN.  Anglesey, Brecon, Cardigan, Carnarvon, Denbigh, Flint, Merioneth, Montgomery, Radnor, Shropshire, and the Isle of Man.
Thomas Bell, Esq., Durham. 1873.—In charge, 1873.	W. N. Atkinson, Esq. Shincliffe Hall, Durham. 1873.	DURHAM DISTRICT, comprising county of Westmoreland, part of Durham, and North Riding of Yorkshire. G. W. Bartlett, Esq., Cleveland Parade, Darlington. (July.)	Durham, Westmoreland, and North Riding of Yorkshire.
Henry Hall, Esq., Rainhill, Prescott. 1873.—In charge, 1875.	J. L. Hedley, Esq., Chester. 1874.	LIVERPOOL DISTRICT, comprising counties of Anglesey, Denbigh, Flint, and West Lancashire. Maskell W. Peace, Esq., Wigan. (June.)	West Lancashire.
Thomas Cadman, Esq., Lydney, Gloucestershire. 1873.—In charge, 1876.	R. Donald Bain, Esq., Newport, Monmouthshire. 1877.	SOUTH-WESTERN DISTRICT, comprising the counties of Devon, Dorset, Gloucester, Monmouth, Somerset, and portions of Brecon and Glamorgan. J. T. Thomas, Esq., Coleford, Gloucester. (July.)	Eastern part of Glamorgan-shire, Gloucester, Hereford, Monmouth, part of Somerset-shire, and Wiltshire.
R. J. Frecheville, Esq., Plymouth. 1880.	-	-	CORNWALL, DEVON, &c. Cornwall, Devonshire, Dorsetshire, and part of Somersetshire, Hampshire, and Isle of Wight.
W. B. Scott, Esq., Parkdale, Wolverhampton. 1873.—In charge, 1883.	W. H. Pickering, Esq., Compton Road, Wolverhampton. 1883.	SOUTH STAFFORDSHIRE DISTRICT, comprising South Staffordshire and Worcester-shire. W. Blakemore, Esq., Shelfield, near Walsall. (January.)	South Staffordshire, Worcester-shire, Bedfordshire, Essex, Norfolk, and Suffolk.

## CLERKS OF MINERAL STATISTICS.

Richard Meade, Esq., 1841 - - Home Office, Whitehall, London.  
James B. Jordan, Esq., 1858 - - Home Office, Whitehall, London.

## Year 1884.

### INTRODUCTION.

An Annual Report is made by each Inspector of Mines to the Right Honourable Sir William Vernon Harcourt, M.P., Her Majesty's Principal Secretary of State for the Home Department.

The Statistics are prepared from Statutory Returns and Notices supplied to the Inspectors and from voluntary information supplied to them and to the Home Office.

No. 1 Summary shows that during the year the aggregate number of Persons employed in and about the whole of the Mines in the United Kingdom of Great Britain and Ireland amounted to 564,496. Of these 520,376 were employed under the Coal Mines Regulation Act, and 44,120 under the Metalliferous Mines Regulation Act.

The total number of Fatal Accidents was 917, and the total number of Deaths occasioned thereby 998; showing a decrease, compared with the totals for the preceding year, of 72 in the number of fatal accidents, and a decrease of 142 in the number of lives lost.

No. 1 Summary shows also that, on an average, during the year there was one Fatal Accident to every 615 persons employed, and one death by accident to every 565 persons employed. The average for the 10 years, 1874 to 1883, is one fatal accident to every 594 persons employed, and one death by accident to every 458 persons employed. The proportion of fatal accidents to the number of persons employed is, therefore, lower than the average of the last ten years, and the death-rate is also lower.

#### MINES CLASSED UNDER THE COAL MINES REGULATION ACT.

No. 2 Summary of the Proportion of the Accidents and Deaths to the number of Persons employed and the Quantity of Mineral wrought, shows that on the average during the year there was one fatal accident to every 603 persons employed in and about the mines under the Coal Mines Regulation Act, and one death by accident to every 552 persons employed; and that for each fatal accident 202,633 tons of mineral were wrought, and for each death by accident 185,639 tons. During the preceding year there was the smaller number of 559 persons employed for one fatal accident, and the smaller number of 488 persons employed for every death by accident, and for each fatal accident the smaller quantity of 194,097 tons was wrought, and for each death by accident the smaller quantity of 169,605 tons.

No. 3 Summary of the Persons employed and of Mineral wrought shows that 520,376 persons were employed in and about the mines under the Coal Mines Act. Of these 422,233 were employed underground, and 98,143 (of whom 4,458 were females) above ground; thus showing, as compared with the preceding year, an increase of 5,443 persons.

No. 4 Summary of Fatal Accidents and Deaths during the year in and about the mines under the Coal Mines Act, shows that the fatal accidents amounted to 863, and the deaths occasioned thereby to 942, being a decrease, when compared with the summary of the preceding year, of 58 in the number of fatal accidents, and a decrease of 112 in the number of lives lost.

No. 5 Summary, prepared originally by Mr. Dickinson and now extended, shows the Ratio of the Fatal Accidents and the Deaths to the number of persons employed in and about the mines under the present and former Coal Mine Acts in Great Britain from 1851, with Ireland from 1874.

#### MINES CLASSED UNDER THE METALLIFEROUS MINES REGULATION ACT.

No. 6 Summary of Fatal Accidents and Deaths in and about the mines, shows that during the year, at the mines classed under this Act in Great Britain and Ireland, the Fatal Accidents amounted to 54 and the Deaths to 56. Of these, 50 deaths occurred underground and 6 above ground.

No. 7 Summary shows that during the year 44,120 persons were employed in and about the mines of Great Britain and Ireland under this Act, being a decrease of 6,115 persons compared with the preceding year. Of those employed in Great Britain 25,957 were underground, and 17,238 above ground, and in Ireland 657 underground and 268 above ground.

From these Summaries it appears that during the year there was one fatal accident to every 817 persons employed in and about the mines, and one death to every 788 persons employed. In the preceding year there was the larger proportion of one accident to 738 persons and one death to 584 persons.

COAL AND METALLIFEROUS MINES ACTS.

No. 1.--SUMMARY showing the NUMBERS of PERSONS EMPLOYED, the NUMBERS of FATAL ACCIDENTS and DEATHS, and the RATIOS of the NUMBER of PERSONS EMPLOYED to the NUMBER of FATAL ACCIDENTS and DEATHS in and about the whole of the MINES in Great Britain and Ireland, commencing 1874.

YEARS.	UNDER COAL MINES REGULATION ACT.										UNDER METALLIFEROUS MINES REGULATION ACTS.										TOTALS FOR ALL MINES.				
	Persons employed.			Lives lost by the Accidents.	Per Fatal Ac- cident.	Per Life Lost.	Death Rate from Acci- dents per 1,000 Persons employed.	Separate Fatal Acci- dents.	Persons employed.			Lives lost by the Accidents.	Per Fatal Ac- cident.	Per Life Lost.	Death Rate from Acci- dents per 1,000 Persons employed.	Persons employed.			Separate Fatal Acci- dents.	Deaths caused by the Accidents.	Persons employed.		Death Rate from Acci- dents per 1,000 Persons employed.		
	Under Ground.	Above Ground.	Total.						Under Ground.	Above Ground.	Total.					Under Ground.	Above Ground.	Total.			Under Ground.	Above Ground.		Total.	
1874	428,611	110,218	538,829	895	1,056	602	510	1.959	34,036	22,325	56,361	94	103	599	547	1.827	472,647	132,543	595,190	989	1,159	601	513	1.947	
1875	427,017	108,828	535,845	927	1,244	578	430	2.321	34,905	23,168	58,073	110	119	528	488	2.049	461,922	131,996	593,918	1,087	1,363	572	435	2.295	
1876	409,229	105,308	514,532	839	933	613	551	1.813	34,109	23,388	57,497	66	70	871	821	1.217	443,338	128,691	572,029	905	1,003	632	570	1.753	
1877	395,025	99,366	494,391	864	1,208	572	409	2.443	34,095	23,300	57,395	87	97	659	591	1.690	429,120	122,666	551,786	951	1,305	580	422	2.365	
1878	382,979	92,350	475,329	811	1,413	586	336	2.972	30,624	20,834	51,458	74	77	695	668	1.496	413,603	113,184	526,787	885	1,490	595	353	2.828	
1879	385,179	91,631	476,810	782	973	610	490	2.040	28,265	18,795	47,060	61	64	771	735	1.360	413,444	110,426	523,870	843	1,037	621	505	1.979	
1880	391,381	93,552	484,933	815	1,318	595	368	2.718	32,045	20,863	52,908	82	84	645	680	1.589	423,426	114,415	537,841	897	1,402	599	383	2.606	
1881	399,387	96,090	495,477	844	954	587	519	1.925	33,291	21,651	54,942	85	99	646	555	1.802	432,678	117,741	550,419	929	1,053	592	522	1.913	
1882	406,192	97,795	503,987	876	1,126	575	447	2.234	33,814	21,692	55,506	83	92	668	603	1.657	440,006	119,487	559,493	959	1,218	583	459	2.176	
1883	416,696	98,237	514,933	921	1,054	559	488	2.046	30,492	19,743	50,235	68	86	738	584	1.712	447,188	117,980	565,168	989	1,140	571	495	2.017	
Totals for the 10 years 1874 to 1883 inclusive -	4,041,696	993,370	5,035,066	8,574	11,279	—	—	—	325,676	215,759	541,435	810	891	—	—	—	4,367,372	1,209,129	5,576,501	9,384	12,170	—	—	—	
Averages for the 10 years 1874 to 1883 inclusive -	404,169	99,337	503,506	857	1,127	587	446	2.238	32,567	21,575	54,143	81	89	668	607	1.645	436,737	120,912	557,650	938	1,217	594	458	2.163	
1884	422,233	98,143	520,376	863	942	603	552	1.810	26,614	17,506	44,120	54	56	817	787	1.269	448,847	115,649	564,496	917	998	615	565	1.768	

COAL, MINES ACT.

No. 2.—SUMMARY showing the PROPORTION of ACCIDENTS and DEATHS to the NUMBER of PERSONS EMPLOYED in and about the MINES, and the QUANTITY of MINERAL WROUGHT in GREAT BRITAIN and IRELAND during the Year 1884.

NAMES OF DISTRICTS.	Persons Employed in and about the Mines.	TONS OF MINERAL WROUGHT.				Separate Fatal Accidents.	Lives Lost by the Accidents.	Persons Employed		Tons of Mineral Wrought		Number of Mines.	
		Coal.	Fire-clay.	Ironstone.	Shale and other Minerals.			Total.	Per Fatal Accident.	Per Life Lost.	Per Fatal Accident.		Per Life Lost.
Northumberland, Cumberland, and North Durham	52,306	16,841,841	362,281	884	3,054	17,208,060	66	804	793	264,739	260,728	206	
{ South Durham, Westmoreland, and North Riding of Yorkshire - - - }	56,575	20,989,584	250,997	-	-	21,190,581	74	775	764	290,282	286,359	187	
{ Yorkshire, Cleveland (ironstone) - - - }	7,050	-	944	6,052,608	-	6,053,552	12	641	587	550,323	504,463	36	
{ North and East Lancashire - - - }	31,919	9,889,271	110,533	-	25	9,999,829	67	515	476	161,287	149,251	278	
{ Ireland - - - }	925	122,431	575	-	-	123,006	-	-	-	-	-	30	
West Lancashire and North Wales	41,905	12,799,199	42,115	4,470	11,227	12,857,011	91	471	460	144,461	141,286	238	
{ Yorkshire - - - }	64,046	19,220,144	215,427	167,812	56,628	19,660,011	94	681	660	209,149	202,681	412	
{ Lincolnshire (ironstone) - - - }	180	-	-	88,223	-	88,223	-	-	-	-	-	10	
Derbyshire, Leicestershire, Nottinghamshire, and Warwickshire	53,278	16,080,682	77,630	36,097	3,722	16,198,131	55	969	969	294,511	294,511	355	
North Stafford, Cheshire, and Shropshire	23,277	6,231,700	90,500	1,982,500	26,220	8,330,920	46	506	485	181,107	173,565	230	
South Staffordshire and Worcestershire	23,816	9,688,047	205,320	116,951	2,967	10,013,285	44	541	458	227,574	192,563	381	
Monmouth, Somerset, and parts of Glamorgan and Breconshire	34,945	9,531,441	99,917	27,224	44,504	9,703,086	58	602	492	167,294	136,663	295	
South Wales - - -	60,779	18,226,751	134,394	52,516	3,880	18,417,541	141	431	349	130,620	105,847	313	
Scotland, East - - -	45,082	14,784,898	200,255	499,701	1,365,157	16,850,011	85	580	474	198,235	177,369	328	
Scotland, West - - -	24,343	6,401,790	263,039	1,383,457	131,226	8,179,512	40	608	608	204,488	204,488	255	
Totals and Averages in 1884	520,376	160,757,779	2,053,927	10,412,443	1,648,610	174,872,759	863	603	552	202,633	185,639	3,554	
Ditto in the preceding year	514,933	163,737,327	2,189,452	11,495,401	1,341,210	178,763,390	921	559	488	194,097	169,605	3,707	

COAL MINES ACT.

NO. 3.—SUMMARY OF PERSONS EMPLOYED in and about the MINES, and QUANTITY OF MINERAL BROUGHT, in GREAT BRITAIN and IRELAND, during the Year 1884.

NAMES OF DISTRICTS AND INSPECTORS.	Underground.				Above-ground—Ages.						Total above and below ground.	Coal.	Fire-clay.	Ironstone.	Oil Shale.	Other minerals.	Total.	
	Male Persons—Ages.				10 to 13.		13 to 16.		Above 16.									Total.
	Above 16.				Males.	Females.	Males.	Females.	Males.	Females.								
	10 to 12.	12 to 13.	13 to 16.	Total.														
NEWCASTLE: James Willis.																		
{ Cumberland	7	386	4,457	4,850	1	129	9	409	1,082	1,680	6,480	1,707,582	45,064	884	—	a 1,610	17,208,060	
{ Durham, North	48	1,481	14,514	16,043	—	550	—	—	3,794	4,360	20,403	7,618,354	138,383	—	—	—		
{ Northumberland	178	1,678	19,259	21,115	—	437	—	—	3,852	4,308	25,423	7,516,005	178,934	—	—	b 1,444		
DURHAM: Thomas Ball.																		
{ Durham, South	288	3,596	40,972	44,856	—	1,552	—	5	10,082	11,677	56,533	20,984,049	250,997	—	—	—	21,190,581	
{ Westmoreland	—	—	10	10	—	—	—	—	2	2	12	1,325	—	—	—	—		
{ Yorkshire, North Riding	—	2	24	26	—	—	—	—	4	4	30	4,210	—	—	—	—		
{ " Cleveland	2	270	5,428	5,700	—	87	—	—	1,263	1,350	7,050	—	944	6,052,608	—	—	6,053,552	
MANCHESTER: Joseph Dickinson.																		
{ Lancashire, North and East	125	2,047	23,972	26,455	—	365	7	230	4,734	5,464	31,919	9,889,271	110,533	—	—	c 25	9,999,839	
{ Ireland	—	40	650	690	—	8	—	—	227	235	925	122,451	575	—	—	—		123,006
LIVERPOOL: Henry Hall.																		
{ Anglesey	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	12,857,011
{ Denbighshire	13	544	5,403	5,960	—	96	10	64	1,118	1,289	7,249	1,905,898	19,559	2,819	—	d 111		
{ Flintshire	—	77	2,338	2,465	—	32	—	—	429	461	2,926	693,889	8,860	11,039	—	—		
{ Lancashire, West	243	1,883	23,699	25,825	—	374	111	1,172	4,242	5,905	31,780	10,199,412	13,696	1,651	—	e 77		
YORKSHIRE: F. N. Wardell.																		
{ Yorkshire, East and West	401	5,216	46,062	51,894	—	992	—	6	11,058	12,152	64,046	19,220,144	215,427	167,812	f 8,543	e 361	19,660,011	
{ Ridings	—	2	62	64	—	1	—	—	64	66	130	—	—	88,223	—	f 1,955		
{ Lincolnshire (Ironstone)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	88,223	
MIDLAND: Thomas Evans.																		
{ Derbyshire	115	2,213	20,518	22,846	—	731	—	—	5,460	6,211	29,057	8,581,001	17,866	19,296	i 60	g 1,191	16,198,131	
{ Leicestershire	1	302	3,112	3,415	—	150	—	—	1,052	1,203	4,618	1,152,930	41,895	—	—	—		
{ Nottinghamshire	56	834	11,073	11,963	—	274	—	—	3,084	3,370	15,383	5,091,603	40	—	—	j 192		
{ Warwickshire	10	215	2,961	3,186	—	108	—	—	972	1,084	4,270	1,255,148	17,329	16,801	—	—	j 2,097	
STAFFORDSHIRE, N.: Thos. Wynne.																		
{ Cheshire	17	144	1,738	1,899	—	38	—	—	494	539	2,438	706,000	15,000	—	200	—	8,330,920	
{ Shropshire	13	280	2,698	2,991	—	56	41	383	651	1,131	4,122	858,000	56,000	198,700	—	k 20		
{ Staffordshire, North	47	1,089	11,776	12,912	—	276	—	—	3,529	3,805	16,717	4,667,700	19,500	1,783,800	25,500	—	m 500	

a 1,610  
 b Limestone. f 45,769 Gannister, 8,543 Shale, 361 Pyrites, 1,955 Alum Shale.  
 c, d, e Copperas Lumps. j Pyrites 192 and 2,097.  
 i 60 Mineral Oil. k 20 Shale. m 500 Pyrites.

SUMMARY OF PERSONS EMPLOYED in and about the MINES, &c.—continued.

NAMES OF DISTRICTS AND INSPECTORS.	Underground.						Above-ground—Ages.						Total above and below ground.	Coal.	Fire-clay.	Ironstone.	Oil Shale.	Other Minerals.	Total.	
	Male Persons—Ages.			Total.			10 to 13.		13 to 16.		Above 16.									Total.
	10 to 13.	13 to 16.	Above 16.	Total.			Males.	Females.	Males.	Females.	Males.	Females.								
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Males.	Females.	Males.	Females.								
STAFFORDSHIRE, S.: W. B. SCOTT.																				
Worcestershire	100	1,966	2,066	56	49	708	2,769	1,000,459	58,370	27,006	—	—	—	—	—	—	—	—		
South Staffordshire	21	14,899	15,826	366	247	5,221	21,047	8,687,588	146,950	89,945	—	—	—	—	—	—	—	—		
SOUTH-WESTERN: Thomas Cadman.																				
Breconshire (part of)	—	225	225	3	2	31	265	61,026	16	1,823	—	—	—	—	—	—	—	—		
Devonshire	—	3	3	—	—	7	10	—	—	—	—	—	—	—	—	—	—	—		
Dorsetshire	—	12	12	—	—	10	22	—	—	—	—	—	—	—	—	—	—	—		
Glamorganshire (part of)	39	1,720	2,005	17	1	384	2,389	784,094	6,139	596	—	—	—	—	—	—	—	—		
Forest of Dean	16	3,086	3,587	36	—	676	4,213	877,090	36	—	—	—	—	—	—	—	—	—		
Gloucestershire	—	2,331	2,491	52	—	560	3,051	455,499	3,720	—	—	—	—	—	—	—	—	—		
Bristol District	—	160	2,491	—	—	560	3,051	455,499	3,720	—	—	—	—	—	—	—	—	—		
Monmouthshire	386	1,916	17,684	124	25	2,777	20,461	6,480,295	89,128	24,805	—	—	—	—	—	—	—	—		
Somersetshire	39	3,327	3,807	55	—	727	4,534	843,437	878	—	—	—	—	—	—	—	—	—		
WALLES, SOUTH: Thos. E. Wales																				
Breconshire (part of)	9	271	317	1	—	61	378	99,216	11,467	459	—	—	—	—	—	—	—	—		
Carmarthen	14	1,484	1,705	41	—	486	2,191	598,599	11,346	1,046	—	—	—	—	—	—	—	—		
Glamorganshire (part of)	821	4,415	49,017	410	28	8,598	57,615	17,434,249	111,581	50,960	—	—	—	—	—	—	—	—		
Pembroke	—	74	440	4	—	155	595	94,687	—	51	—	—	—	—	—	—	—	—		
SCOTLAND, EAST: Ralph Moore.																				
Coal	189	3,599	32,690	600	77	6,434	39,124	14,784,898	200,255	499,701	—	—	—	—	—	—	—	—		
Fire-clay	—	1	286	—	—	53	340	—	—	—	—	—	—	—	—	—	—	—		
Ironstone	—	152	1,733	37	2	447	2,180	—	—	—	—	—	—	—	—	—	—	—		
Shale	24	201	2,987	32	—	501	3,438	—	—	—	—	—	—	—	—	—	—	—		
SCOTLAND, WEST: W. Alexander.																				
Coal	95	1,402	14,065	215	5	2,667	16,732	6,401,790	—	1,383,457	—	—	—	—	—	—	—	—		
Ironstone	11	394	5,351	110	8	1,383	6,585	—	—	—	—	—	—	—	—	—	—	—		
Fire-clay, Shale, &c.	—	38	823	4	—	165	1,026	—	—	—	—	—	—	—	—	—	—	—		
Totals, Great Britain and Ireland, in 1884	340	3,364	422,233	372	3	93,143	520,376	160,757,779	2,058,927	10,412,443	1,521,160	1,341,210	127,450	—	—	—	—	—		
Doitto in the preceding year	340	3,427	416,696	410	1	98,237	514,933	163,737,327	2,189,452	11,495,401	1,341,210	1,341,210	—	—	—	—	—	—		

i Copperas Lumps. j Building Stone. k 5,764 Building Stone, 2,636 Gannister, 34,684 Limestone. l Carbonaceous Shale. m Kimmeridge Shale. n Limestone 26,418, Pyrites 311, Alum Shale 5.

COAL MINES ACT.—FATAL ACCIDENTS.  
 No. 4.—SUMMARY of Separate FATAL ACCIDENTS in and about the MINES of GREAT BRITAIN and IRELAND during the Year 1884.

NAMES OF DISTRICTS.	Explosions of Fire-damp.			Falls in Mine.			In Shafts.								Miscellaneous Underground.								On Surface.				Gross Total.
	Falls of Sides.	Falls of Roof.	Total Falls in Mine.	Overwinding.	Ropes and Chains breaking.	Whist ascending or descending by Machinery.	Falling into Shaft from Surface.	Things falling from Surface.	Falling from part way down.	Things falling from part way down.	Miscellaneous in Shafts.	Total in Shafts.	Explosions of Gun-powder, &c.	Suffocation by Gases.	Irruptions of Water.	Falling into Water.	On Inclined Planes.	By Trams and Tubs.	By Machinery Underground.	Sundries Underground.	Total { Miscellaneous Underground.	By Machinery on Surface.	Boilers bursting.	Miscellaneous on Surface.	Total on Surface.		
Northumberland, Cumberland, and North Durham -	5	30	35	-	-	-	-	3	1	2	6	-	-	-	-	1	14	1	2	18	-	1	5	6	65		
South Durham, Westmoreland, and Yorkshire, N. Riding -	8	27	35	-	-	1	-	2	-	1	4	2	2	-	-	3	13	2	4	24	1	-	9	10	78		
Do. Cleveland ironstone -	9	24	33	-	-	3	-	-	4	-	7	-	-	-	-	-	4	1	5	16	1	-	2	3	11		
North and East Lancashire -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	62		
Ireland -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
West Lancashire and North Wales -	10	50	60	1	-	3	1	1	2	10	2	2	1	-	-	6	8	3	1	18	3	-	9	9	89		
Yorkshire -	14	42	56	-	-	-	-	3	2	-	4	1	-	-	-	6	9	8	1	18	-	-	9	9	94		
Do. (ironstone) -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Lincolnshire (ironstone) -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Derbyshire, Nottinghamshire, Leicestershire, and Warwickshire -	8	23	31	1	-	-	-	2	-	1	4	1	-	-	-	-	9	-	-	11	3	-	5	8	55		
Do. (ironstone and fire-clay) -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
N. Staffordshire, Cheshire, and Shropshire -	12	14	26	-	-	-	-	-	1	-	1	2	-	-	-	3	1	-	-	8	-	-	5	5	41		
Do. (ironstone) -	1	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
South Staffordshire and Worcestershire -	2	14	16	-	-	1	1	1	-	-	3	2	-	-	-	-	4	-	2	8	-	-	8	8	5		
Do. (ironstone and fire-clay) -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Monmouthshire, Gloucestershire, Somersetshire, and Devonshire -	14	17	31	-	-	3	1	3	-	-	9	1	-	-	-	1	8	-	2	12	-	-	3	3	1		
Do. (ironstone) -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
South Wales -	15	55	70	-	7	3	2	-	-	1	14	2	2	-	-	6	28	-	6	43	-	-	8	8	141		
Do. (ironstone) -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Eastern District of Scotland -	14	26	40	-	1	2	1	-	-	1	5	3	4	-	-	3	3	-	1	14	-	-	8	8	70		
Do. (ironstone, &c.) -	3	5	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	1	1	15		
Western District of Scotland -	5	14	19	-	-	1	1	-	-	2	4	-	-	-	-	-	3	-	-	3	-	-	3	5	31		
Do. (ironstone, &c.) -	-	2	2	-	-	1	1	-	-	-	2	1	-	-	-	-	-	-	-	1	-	-	1	1	9		
Total Fatal Separate Accidents in 1884 -	120	350	470	2	8	19	8	4	15	8	72	20	7	1	1	39	100	7	23	198	12	1	80	93	863		
Ditto in the preceding year -	104	361	465	2	3	27	7	5	24	4	82	32	5	-	-	60	102	5	37	241	13	3	92	108	921		

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COAL MINES ACT.—DEATHS.

No. 4.—SUMMARY of DEATHS caused by the aforesaid ACCIDENTS in and about the MINES of GREAT BRITAIN AND IRELAND during the Year 1884.

NAMES OF DISTRICTS.	Falls in Mine.			In Shafts.										Miscellaneous Underground.										On Surface.				Gross Total.
	Falls of Sides.	Falls of Roof.	Total Falls in Mine.	Overwinding.	Ropes and Chains breaking.	Whist ascending or descending by Machinery.	Falling into Shaft from Surface.	Things falling from Surface.	Falling from part way down.	Things falling from part way down.	Miscellaneous in Shafts.	Total in Shafts.	Explosions of Gun-powder, &c.	Suffocation by Gases.	Irruptions of Water.	Falling into Water.	On Inclined Planes.	By Trams and Tubs.	By Machinery Underground.	Sundries Underground.	Total Miscellaneous Underground.	By Machinery on Surface.	Boilers bursting.	Miscellaneous on Surface.	Total on Surface.			
Northumberland, Cumberland, and North Durham	5	30	35	—	—	—	—	3	1	2	6	—	1	1	—	1	14	1	2	18	—	2	5	7	66			
South Durham, Westmoreland and Yorkshire, N. Riding	8	28	36	—	—	1	—	2	—	1	4	2	—	—	—	3	13	2	4	24	—	1	9	10	74			
Do. Cleveland ironstone	—	5	5	—	—	2	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	3	12			
North and East Lancashire	9	28	37	—	—	3	—	—	4	—	7	—	—	—	—	7	4	1	5	17	—	—	5	6	67			
Ireland	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
West Lancashire and North Wales	10	50	60	1	—	3	1	1	4	2	11	—	2	2	—	6	8	3	1	18	—	—	9	12	91			
Yorkshire	15	43	58	—	—	—	—	—	—	—	—	—	—	—	—	6	8	3	1	18	—	—	9	9	97			
Do. (ironstone)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Lincolnshire (ironstone)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Derbyshire, Nottinghamshire, Leicestershire, and Warwickshire	8	23	31	1	—	—	—	2	—	—	4	—	1	—	—	—	9	—	—	11	—	—	5	8	55			
Do. (ironstone and fire-clay)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
N. Staffordshire, Cheshire, and Shropshire	12	14	26	—	—	—	—	—	—	—	—	—	—	—	—	3	1	—	—	9	—	—	5	5	42			
Do. (ironstone)	1	2	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
South Staffordshire and Worcestershire	2	14	16	—	—	—	—	—	—	—	—	—	—	—	—	—	4	—	—	8	—	—	8	8	6			
Do. (ironstone)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Do. (ironstone and fire-clay)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Monmouthshire, Gloucestershire, Somersetshire, and Devonshire	16	17	31	—	—	3	1	3	—	—	9	—	—	—	—	—	8	—	—	12	—	—	3	3	71			
Do. (ironstone)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
South Wales	15	59	74	—	—	4	2	1	—	—	28	—	3	—	—	6	28	—	—	46	—	—	8	8	174			
Do. (ironstone)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Eastern District of Scotland	14	26	40	—	—	2	1	—	—	—	5	—	—	—	—	3	3	—	—	23	—	—	8	8	79			
Do. (ironstone, &c.)	3	6	9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	6	—	—	—	1	16			
Western District of Scotland	5	14	19	—	—	—	—	—	—	—	4	—	—	—	—	—	—	—	—	3	—	—	3	5	31			
Do. (ironstone, &c.)	—	2	2	—	—	1	1	—	—	—	2	—	—	—	—	—	—	—	—	1	—	—	—	1	9			
Total Lives lost in 1884	121	361	482	2	21	21	8	3	17	8	88	22	19	1	1	40	100	7	23	213	12	2	80	94	942			
Ditto in the preceding year	105	364	469	5	7	34	7	5	24	4	97	34	7	—	—	61	102	5	37	246	13	3	92	108	1,054			

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## COAL MINE ACTS.—FATAL ACCIDENTS.

No. 5.—RATIO of FATAL ACCIDENTS to the NUMBER of PERSONS employed in and about the MINES under the present and former COAL MINE ACTS in GREAT BRITAIN from 1851, with IRELAND from 1874.

YEAR.	Accidents causing one or more Deaths.						Persons employed. Above ground and below ground.	Ratio of Persons employed to each Fatal Accident.					
	Firedamp Explosion.	Roof and Sides Falling.	Shaft.	Miscellaneous Underground.	Miscellaneous Surface.	TOTAL.		Firedamp Explosion.	Roof and Sides Falling.	Shaft.	Miscellaneous Underground.	Miscellaneous Surface.	TOTAL.
1851	98	307	187	68	38	698	216,217	2,206	704	1,156	3,183	5,690	310
1852	91	333	175	79	43	721	222,843	2,449	669	1,273	2,820	5,182	309
1853	89	354	206	86	42	777	229,468	2,578	648	1,114	2,668	5,463	295
1854	87	370	253	94	57	861	236,094	2,714	638	933	2,511	4,142	274
1855	99	388	203	114	43	847	242,719	2,452	625	1,195	2,129	5,644	286
1856	72	388	189	94	58	801	249,345	3,463	642	1,319	2,652	4,299	311
1857	74	360	157	120	49	760	255,971	3,459	711	1,630	2,134	5,224	337
1858	70	348	145	111	36	710	262,596	3,751	754	1,811	2,366	7,294	370
1859	70	384	165	122	54	795	269,222	3,846	701	1,631	2,207	4,985	338
1860	70	379	157	115	48	769	275,847	3,940	728	1,757	2,398	5,747	359
Totals and averages for the 10 years ending 1860	820	3,611	1,837	1,003	468	7,739	2,460,322	3,000	681	1,339	2,453	5,257	318
1861	61	413	148	123	66	811	282,473	4,630	684	1,908	2,296	4,280	348
1862	55	402	109	121	51	738	291,000	5,291	724	2,669	2,405	5,706	394
1863	51	398	126	126	56	757	299,000	5,862	751	2,373	2,373	5,339	393
1864	59	380	158	117	63	777	307,542	5,213	809	1,946	2,628	4,881	396
1865	64	368	144	169	92	837	315,451	4,929	857	2,190	1,866	3,429	377
1866	71	345	153	187	101	857	320,663	4,516	929	2,096	1,715	3,175	374
1867	56	440	132	197	82	907	333,116	5,948	857	2,523	1,691	4,062	367
1868	44	432	122	188	74	860	346,820	7,882	803	2,843	1,845	4,687	403
1869	48	451	123	159	73	854	345,446	7,197	766	2,808	2,172	4,732	404
1870	56	402	118	174	80	830	350,894	6,266	873	2,974	2,017	4,386	423
Totals and averages for the 10 years ending 1870	565	4,031	1,333	1,561	738	8,228	3,192,405	5,650	792	2,394	2,045	4,326	388
1871	52	426	118	161	69	826	370,881	7,132	870	3,143	2,303	5,375	448
1872	62	445	131	179	77	894	418,088	6,743	939	3,191	2,335	5,429	468
1873	44	474	158	211	86	973	512,199	11,641	1,080	3,242	2,427	5,955	526
1874	44	403	145	200	103	895	538,829	12,246	1,337	3,716	2,694	5,231	602
1875	41	440	153	196	97	927	535,845	13,069	1,217	3,502	2,733	5,524	578
1876	42	430	120	146	101	839	514,532	12,250	1,196	4,287	3,524	5,094	613
1877	45	432	117	172	98	864	494,391	10,986	1,144	4,225	2,874	5,044	572
1878	31	456	94	146	84	811	475,329	15,333	1,042	5,056	3,255	5,658	586
1879	35	416	95	167	69	782	476,810	12,625	1,146	5,019	2,855	6,910	610
1880	28	445	77	177	88	815	484,933	17,319	1,089	6,297	2,739	5,510	595
Totals and averages for the 10 years ending 1880	424	4,367	1,208	1,755	872	8,626	4,821,837	11,372	1,104	3,991	2,747	5,529	559
1881	31	439	106	181	87	844	495,477	15,933	1,128	4,674	2,737	5,695	537
1882	35	459	101	197	84	876	503,987	14,399	1,098	4,989	2,558	5,999	575
1883	25	465	82	241	108	921	514,933	20,597	1,107	6,279	2,137	4,767	559
1884	30	470	72	198	93	863	520,376	17,345	1,107	7,227	2,628	5,595	603

## COAL MINE ACTS.—DEATHS.

No. 5.—RATIO of DEATHS by the ACCIDENTS to the NUMBER of PERSONS employed in and about the MINES under the present and former COAL MINE ACTS in GREAT BRITAIN from 1851, with IRELAND from 1874.

YEAR.	Deaths caused by the Accidents.						Persons employed. Above ground and below ground.	Ratio of Persons employed to each Death.					
	Firedamp Explosion.	Roof and Sides Falling.	Shaft.	Miscellaneous Underground.	Miscellaneous Surface.	TOTAL.		Firedamp Explosion.	Roof and Sides Falling.	Shaft.	Miscellaneous Underground.	Miscellaneous Surface.	TOTAL.
1851	321	327	219	73	44	984	216,217	673	661	987	2,961	4,914	219
1852	264	349	209	116	48	986	222,343	844	638	1,066	1,921	4,642	226
1853	214	370	236	94	43	957	229,468	1,072	620	972	2,441	5,336	219
1854	210	389	290	99	57	1,045	236,094	1,124	606	814	2,394	4,142	225
1855	146	407	229	127	46	955	242,719	1,662	596	1,059	1,911	5,276	254
1856	236	400	216	114	61	1,027	249,345	1,056	623	1,154	2,187	4,087	242
1857	377	372	175	141	54	1,119	255,971	678	688	1,462	1,815	4,740	228
1858	215	366	172	140	38	931	262,596	1,221	717	1,526	1,875	6,910	282
1859	95	399	191	160	60	905	269,222	2,833	674	1,409	1,682	4,487	297
1860	363	388	182	122	54	1,109	275,847	759	710	1,515	2,261	5,108	248
	2,441	3,767	2,119	1,186	505	10,018	2,460,322	1,008	653	1,161	2,074	4,872	245
1861	119	427	164	163	70	943	282,473	2,374	661	1,722	1,733	4,035	300
1862	190	422	137	332	52	1,133	291,000	1,532	689	2,124	876	5,596	257
1863	163	407	147	134	56	907	299,000	1,834	734	2,034	2,231	5,339	330
1864	94	395	184	125	69	867	307,542	3,271	778	1,671	2,460	4,457	355
1865	168	381	163	179	93	984	315,451	1,877	828	1,935	1,762	3,392	320
1866	651	361	162	203	107	1,484	320,663	492	888	1,980	1,580	2,997	216
1867	286	449	158	211	86	1,190	333,116	1,165	742	2,108	1,579	3,878	280
1868	154	444	132	204	77	1,011	346,320	2,252	781	2,627	1,700	4,504	343
1869	257	466	129	179	85	1,116	345,446	1,344	741	2,678	1,930	4,064	310
1870	185	411	129	186	80	991	350,894	1,897	854	2,720	1,886	4,386	354
	2,267	4,163	1,505	1,916	775	10,626	3,192,405	1,408	767	2,121	1,666	4,119	300
1871	269	435	123	176	72	1,075	370,881	1,378	852	3,015	2,107	5,151	345
1872	154	456	155	217	78	1,060	418,088	2,714	916	2,697	1,926	5,360	394
1873	100	491	171	221	86	1,069	512,199	5,122	1,043	2,995	2,317	5,955	479
1874	166	413	154	214	109	1,056	538,829	3,245	1,304	3,498	2,517	4,943	510
1875	288	459	172	227	98	1,244	535,845	1,860	1,167	3,115	2,360	5,467	430
1876	95	449	129	149	111	933	514,532	5,416	1,145	3,988	3,453	4,635	551
1877	345	448	129	187	99	1,208	494,391	1,433	1,103	3,832	2,643	5,014	409
1878	586	469	111	161	86	1,413	475,329	811	1,013	4,282	2,952	5,527	336
1879	184	426	120	172	71	973	476,810	2,591	1,119	3,973	2,772	6,715	490
1880	499	462	91	178	88	1,318	484,933	971	1,049	5,329	2,724	5,510	368
	2,686	4,508	1,355	1,902	898	11,349	4,821,837	1,795	1,069	3,557	2,535	5,369	425
1881	116	450	110	190	88	954	495,477	4,271	1,101	4,504	2,607	5,630	519
1882	250	468	116	208	84	1,126	503,987	2,015	1,076	4,344	2,423	5,909	447
1883	134	469	97	246	108	1,054	514,933	3,842	1,097	5,308	2,093	4,767	488
1884	65	482	88	213	94	942	520,376	8,005	1,079	5,913	2,443	5,535	552

No. 6.—SUMMARY OF SEPARATE FATAL ACCIDENTS in and about the MINES of GREAT BRITAIN and IRELAND during the Year 1884.

NAMES OF DISTRICTS.	Explosions of Fire-damp.		Falls of Ground.		In Shafts.										Miscellaneous Underground.										On Surface.				Gross Total.
					Overwinding.	Ropes and Chains Breaking.	Whist ascending or descending by Machinery.	Falling into Shaft from Surface.	Things falling from Surface.	Falling from part way down.	Things falling from part way down.	Miscellaneous in Shafts.	Total in Shafts.	Explosions of Gun-powder, &c.	Suffocation by Gases.	Irruptions of Water.	Falling into Water.	On Inclined Planes.	By Trams and Tubs.	By Machinery Underground.	Sundries Underground.	Total Miscellaneous Underground.	By Machinery on Surface.	Boilers bursting.	Miscellaneous on Surface.	Total on Surface.			
Northumberland, Cumberland, and detached part of North Lancashire	-	-	4	1	-	-	1	-	-	1	-	8	-	-	-	-	-	-	1	-	-	1	-	-	1	1	9		
Durham, Westmoreland, and North Riding of Yorkshire	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2			
East and West Ridings of Yorkshire, and Lincolnshire	-	-	-	-	-	1	-	-	-	-	-	2	1	-	-	-	-	-	-	-	1	-	-	-	-	4			
Cheshire, Sussex, North and East Lancashire, except the detached part of North Lancashire	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1			
Lancashire, West	-	-	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	2			
Derbyshire, Nottinghamshire, and Oxfordshire	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Anglesey, Breconshire, Cardiganshire, Carmarvonshire, Denbighshire, Flintshire, Merionethshire, Montgomeryshire, Radnorshire, Shropshire, Isle of Man	-	-	6	-	-	1	-	-	-	-	-	1	2	-	-	-	-	-	-	-	3	-	-	3	-	15			
North Staffordshire	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
South Staffordshire and Worcestershire	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Gloucestershire, Herefordshire, Monmouthshire, and parts of Glamorganshire, Somersetshire, and Wiltshire	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Glamorganshire, Pembrokehire, and Carmarthenhire	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1			
Cornwall, Devonshire, Dorsetshire, and part of Somersetshire	-	-	2	-	-	-	-	-	3	-	-	5	5	1	-	-	-	-	-	-	2	-	-	-	2	17			
Eastern District of Scotland	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2			
Western do.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Ireland	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1			
Total Separate Fatal Accidents in 1884	-	-	20	1	-	3	1	4	1	2	12	8	1	-	-	-	-	-	1	-	6	16	8	1	4	6	54		
Ditto in the preceding year	-	-	27	-	3	1	2	7	2	-	16	7	-	1	-	-	-	-	1	-	9	18	4	-	3	7	68		
																											Decrease	14	

METALLIFEROUS MINES ACT.—DEATHS.  
 No. 6.—SUMMARY of DEATHS caused by the aforesaid ACCIDENTS in and about the MINES of GREAT BRITAIN and IRELAND during the Year 1884.

NAMES OF DISTRICTS.	Explosions of Fire-damp.		In Shafts.										Miscellaneous Underground.							On Surface.				Gross Total.
	Ralls of Ground.	Overwinding.	Ropes and Chains Breaking.	Whist ascending or descending by Machinery.	Falling into Shaft from Surface.	Things falling from Surface.	Falling from part way down.	Things falling from part way down.	Miscellaneous in Shafts.	Total in Shafts.	Explosions of Gun-powder, &c.	Suffocation by Gases.	Irruptions of Water.	Falling into Water.	On Inclined Planes.	By Trams and Tubs.	By Machinery Underground.	Sundries Underground.	Total Miscellaneous Underground.	By Machinery on Surface.	Boilers bursting.	Miscellaneous on Surface.	Total on Surface.	
Northumberland, Cumberland, and detached part of North Lancashire	-	1	-	1	-	-	-	1	-	3	-	-	-	-	-	1	-	-	1	-	-	1	1	3
Durham, Westmoreland, and North Riding of Yorkshire	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
East and West Ridings of Yorkshire, and Lincolnshire	-	-	-	1	-	-	-	-	2	-	1	-	-	-	-	1	-	1	2	-	-	-	-	4
Cheshire, Sussex, North and East Lancashire, except the detached part of North Lancashire	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Lancashire, West Lancashire, Nottinghamshire, and Oxfordshire	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Derbyshire, Breconshire, Cardiganshire, Carnarvonshire, Denbighshire, Flintshire, Merionethshire, Montgomeryshire, Radnorshire, Shropshire, Isle of Man	7	-	-	1	-	-	-	-	1	1	2	-	-	-	-	-	-	3	5	-	-	3	3	16
North Staffordshire	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
South Staffordshire and Worcestershire	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gloucestershire, Herefordshire, Monmouthshire, and parts of Glamorganshire, Somersetshire, and Wiltshire	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Glamorganshire, Pembrokehire, and Carmarthenshire	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Cornwall, Devonshire, Dorsetshire, and part of Somersetshire	2	-	-	-	-	3	-	-	5	5	1	-	-	-	-	-	-	2	8	1	1	-	2	17
Eastern District of Scotland	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Western do.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ireland	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Total Lives lost in 1884	22	1	-	3	1	4	1	2	12	8	1	-	-	-	1	1	6	16	16	1	1	4	6	56
Ditto in the preceding year	31	-	14	1	2	7	2	-	27	8	-	2	-	-	1	10	21	21	4	-	-	3	7	86

Decrease - 30

METALLIFEROUS MINES ACT.  
No. 7.--SUMMARY of PERSONS EMPLOYED in and about the MINES of GREAT BRITAIN and IRELAND during the Year 1884.

Situation of Mines.	Inspector's District.	Underground.				Aboveground.								Total underground and aboveground.	
		Male persons.				Ages 10 to 13.		Ages 13 to 18.		Ages above 18.		Total.			
		Ages 12 to 13.	Ages 13 to 16.	Ages above 16.	Total.	Males.	Females.	Males.	Females.	Males.	Females.				
Northumberland, Cumberland, and the detached part of North Lancashire -	James Willis	-	112	6,958	7,070	9	-	566	-	-	2,314	-	-	2,889	9,959
Durham, Westmoreland, and North Riding of Yorkshire -	Thomas Bell	-	30	1,639	1,669	17	-	277	-	-	477	-	-	771	2,440
East and West Ridings of Yorkshire and Lincolnshire -	F. N. Wardell	-	3	456	459	7	-	41	2	-	462	-	-	512	971
Cheshire, Sussex, North and East Lancashire, except the detached part of North Lancashire -	J. Dickinson	-	37	384	421	2	-	15	-	4	233	-	-	254	675
Lancashire, West Derbyshire, Nottinghamshire, and Oxfordshire -	Henry Hall	-	-	20	20	-	-	3	-	-	19	-	-	22	42
Anglesey, Breconshire, Cardiganshire, Carnarvonshire, Denbighshire, Flintshire, Merionethshire, Montgomeryshire, Radnorshire, Shropshire, Isle of Man -	Thomas Evans	-	8	556	564	-	-	39	-	1	233	-	-	273	887
North Staffordshire	C. Le Neve Foster	-	32	5,156	5,168	27	-	854	33	122	3,496	-	-	4,532	9,700
South Staffordshire and Worcestershire -	T. Wynne	-	2	65	65	-	-	1	-	-	32	-	-	33	98
Gloucestershire, Herefordshire, Monmouthshire, and parts of Dorsetshire, Glamorganshire, Somersetshire, and Wiltshire -	W. B. Scott	-	2	227	229	-	-	4	-	-	92	-	-	96	325
Glamorganshire, Pembrokehire, and Carmarthenshire -	T. Cadman	7	132	1,131	1,270	2	-	29	-	-	194	-	-	225	1,495
Cornwall, Devonshire, Dorsetshire, and part of Somersetshire -	Thos. E. Wales	-	7	232	239	1	-	24	3	15	115	-	-	158	397
East Scotland	R. J. Frecheville	7	301	7,634	7,942	92	14	1,247	441	1,138	4,114	-	-	7,046	14,988
West Scotland	R. Moore	-	20	565	585	2	-	58	-	1	238	-	-	299	884
Ireland	W. Alexander	-	7	249	256	-	-	21	-	-	107	-	-	128	384
	J. Dickinson	-	39	618	657	10	2	41	2	10	203	-	-	268	925
Total number of persons employed in 1884 -		14	730	25,870	26,614	169	16	3,220	481	1,291	12,329	-	-	17,506	44,120
Ditto in the preceding year -		6	932	29,554	30,492	138	17	3,835	628	1,325	13,800	-	-	19,743	50,235

# GENERAL SUMMARY OF THE MINERAL PRODUCE OF THE UNITED KINGDOM.

Description.	1883.				1884.			
	Minerals raised.		Metals contained in the Ores.		Minerals raised.		Metals obtainable in Smelting.	
	Quantity.	Value at the Mine.	Quantity.	Value at the Average Market Price.	Quantity.	Value at the Mine.	Quantity.	Value at the Average Market Price.
ALUM CLAY (Bauxite)	Statute Tons. 13,478	£ 10,408	Statute Tons. —	£ —	Statute Tons. 8,560	£ 4,280	Statute Tons. —	£ —
ALUM SHALE - - -	8,288	1,086	—	—	1,960	245	—	—
ANTIMONY ORE - - -	—	—	—	—	4	40	—	—
ARSENIC - - - - -	7,622	53,513	—	—	7,905	57,841	—	—
ARSENICAL PYRITES - - -	1,300	1,092	—	—	1,762	1,148	—	—
BARYTES - - - - -	21,396	26,565	—	—	20,062	29,356	—	—
BOG IRON ORE - - - -	8,447	4,768	—	—	6,453	1,935	—	—
CLAYS (excepting ordinary Clay).	2,853,353	706,757	—	—	2,695,710	667,396	—	—
COAL - - - - -	163,737,327	46,054,148	—	—	160,757,779	43,446,183	—	—
COBALT AND NICKEL ORE - - -	49	173	—	—	66	237	—	—
COPPER ORE - - - - -	46,288	145,904	2,555	} 181,067	41,728	109,427	3,295	} 202,591
COPPER PRECIPITATE - - - -	531	3,701	65		421	3,186	55	
FLUOR SPAR - - - - -	90	253	—	—	581	780	—	—
GOLD ORE - - - - -	869	100	ozs. 66	252	—	—	—	—
GYPSUM - - - - -	99,551	43,215	—	—	109,922	45,441	—	—
IRON ORE - - - - -	17,383,046	5,122,331	6,189,815	16,093,520	16,137,887	4,463,275	5,626,644	13,644,612
IRON PYRITES - - - - -	27,672	17,467	—	—	29,104	18,139	—	—
JET (incomplete) - - - -	cwt. 1½	14	—	—	—	—	—	—
LEAD ORE - - - - -	56,487	474,911	43,419	560,103	54,485	401,555	40,075	452,847
MANGANESE ORE - - - - -	1,237	2,976	—	—	909	1,439	—	—
OHRE, UMBER, &c. - - - -	8,719	21,191	—	—	9,191	18,976	—	—
OIL SHALE - - - - -	1,167,943	299,676	—	—	1,518,871	386,780	—	—
PHOSPHATE OF LIME - - - -	49,580	101,729	—	—	51,366	103,976	—	—
SALT - - - - -	2,325,720	669,760	—	—	2,332,704	678,343	—	—
SILVER from Lead Ore - - - -	—	—	ozs. 344,053	72,484	—	—	ozs. 325,718	68,791
SLATES and SLABS - - - - -	498,062	1,246,332	—	—	485,664	1,174,020	—	—
STONE, &c. - - - - -	Unknown	8,793,542	—	—	Unknown	8,850,854	—	—
STRONTIA - - - - -	—	—	—	—	11,422	22,844	—	—
TIN ORE - - - - -	14,469	735,186	9,307	303,476	15,117	669,254	9,574	809,740
WOLFRAM - - - - -	111	1,443	—	—	64	1,104	—	—
ZINC ORE - - - - -	29,728	92,895	13,603	218,328	25,563	74,029	9,919	152,835
<b>Total values - - - - -</b>	—	64,635,834	—	18,029,230	—	61,232,028	—	15,331,416

# DETAILS OF MINERAL PRODUCE

For the Year 1884.

## Alum Clay (called Bauxite).

Name and Situation of Mine.	Owner.	Quantity.	Value at the Mine.
<b>IRELAND.</b>			
<b>ULSTER:</b>			
Ballylaggan, Coleraine - - -	Silas Evans, Victoria Chambers, Belfast	Tons. 50	£ —
Cullinane, Carnlough, Co. Antrim - -	} Eglington Chemical Co., Glasgow - -	1,200	—
Lemeneagh, Ballintoy, Co. Antrim - -			
Irish Hill and Straid, Ballynure, Co. Antrim.	Irish Hill Mining Co. - - -	7,310	—
Totals - - - - -	- - - - -	8,560	4,280

## Alum Shale.

County.	Quantity.	Value at the Mine.
<b>ENGLAND:</b>		
Lancashire, North and East - - - - -	Tons. —	£ —
Warwickshire - - - - -	1,955	244
Yorkshire - - - - -		
<b>SCOTLAND:</b>		
Renfrewshire - - - - -	5	1
<b>IRELAND</b>		
Totals for the United Kingdom - - - - -	1,960	245

## Antimony Ore.

Name and Situation of Mine.	Owner.	Quantity.	Value at the Mine.
<b>CORNWALL:</b>			
Bodannon, Trewetha Endellion - -	W. G. Forster - - - - -	Tons. 4	£ 40

**Arsenic—(Crude and refined, obtained at the Mines), and Arsenical Pyrites.**

Name and Situation of Mine.	Owner.	Quantity.		Value at the Mine.
		Tons.	cwts.	£
<b>CORNWALL:</b>				
Botallack, St. Just - ( <i>Arsenical Soot</i> )	Botallack Mining Co. - - -	78	12	312
Calstock and Danescombe, Calstock ( <i>Arsenical Pyrites</i> ).	Calstock and Danescombe Consolidated Mining Co.	903	4	151
Carn Brea, Redruth ( <i>Arsenical Soot</i> )	Carn Brea Mining Co. - - -	27	0	81
Drakowalls, Calstock - - ( <i>ditto</i> )	Drakowalls Tin and Copper Mining Co. -	25	3	143
East Pool, Illogan - - - ( <i>ditto</i> )	East Pool Mining Co. - - -	655	0	4,167
Holmbush, Stoke Climsland ( <i>Refined Arsenic</i> ).	New Holmbush Mining Co., Ltd. -	1,103	0	9,436
Killifreth, Chacewater ( <i>Arsenical Soot</i> )	Killifreth Mining Co. - - -	14	0	39
Levant, St. Just - - - ( <i>ditto</i> )	Levant Mining Co. - - -	110	0	467
West Wheal Peavor, Redruth - ( <i>ditto</i> )	West Wheal Peavor Adventurers	20	0	100
Okel Tor and Cotehele, Calstock ( <i>Refined Arsenic</i> ).	Okel Tor Co., Ltd. - - -	551	10	4,400
South Wheal Crofty, Illogan - ( <i>ditto</i> )	South Wheal Crofty Mining Co. -	156	10	1,071
Tehidy Tin Stream, Illogan ( <i>Arsenical Pyrites</i> ).	Tehidy Tin Stream Works Co. -	10	0	10
Tincroft, Illogan - ( <i>Arsenical Soot</i> )	Tincroft Mine Adventurers - - -	69	9	382
Tolgarrick, Tuckingmill - ( <i>ditto</i> )	John Williams - - -	9	10	34
West Poldice United, Gwennap ( <i>ditto</i> )	West Poldice United Mining Co.	87	7	551
West Wheal Seton, Camborne ( <i>ditto</i> )	West Wheal Seton Adventurers -	226	10	1,401
Wheal Agar, Redruth - - - ( <i>ditto</i> )	Wheal Agar Mining Co. - - -	190	1	1,177
Wheal Arthur Mine Stamps, Calstock ( <i>Arsenical Soot</i> ).	Wheal Arthur Proprietors - - -	18	0	113
Wheal Comford, Gwennap ( <i>Arsenical Pyrites</i> ).	Wheal Comford and North Tresavean Adventurers.	13	0	22
Wheal Jane, Kea - ( <i>Arsenical Soot</i> )	Cost Book - - -	5	0	5
Totals - - -	- - -	4,272	16	24,062
<b>DEVONSHIRE:</b>				
Bedford United, Tavistock ( <i>Arsenical Pyrites</i> ).	Bedford United Mining Co. - - -	814	15	936
Belstone, Okehampton - - ( <i>ditto</i> )	Mid-Devon Copper Mining Co., Ltd. -	20	19	24
Devon Great Consols, Tavistock ( <i>Refined Arsenic</i> ).	Devon Great Consols Co., Ltd. -	3,198	6	25,586
Devon Friendship, Mary Tavy ( <i>Arsenical Soot</i> ).	Devon Friendship Mining Co. - - -	515	0	3,090
Gawton, Tavistock - - - ( <i>ditto</i> )	Gawton Copper Mining Co. - - -	845	16	5,286
Totals - - -	- - -	5,394	16	34,922
Totals for the United Kingdom - - -	- - -	9,667	12	58,984

**LIST of ARSENIC MANUFACTURERS in the UNITED KINGDOM.**

Owner of Works.	Situation.
<b>CORNWALL:</b>	
Cornwall Arsenic Co., J. W. Field, manufacturing partner.	Bissoe Bridge, and Hayle, Marazion.
Drayton, J. B., & Co. - - -	Harrowbarrow, Callington.
English Arsenic Company - - -	Roseworthy, Gwinear.
Holmbush Mining Co. - - -	Redmoor and Greenhill, Callington.
Okel Tor Arsenic Works - - -	Culstock.
Paynter, S., and Trythall - - -	Bissoe Chemical Works, Devoran, Truro.
<b>DEVONSHIRE:</b>	
Devon Great Consols Mining Co., Ltd. - - -	Tavistock.
Plympton Mining and Arsenical Co., Ltd. - - -	Plympton.
<b>GLAMORGANSHIRE:</b>	
Hadland, A. C. - - -	Swansea.

## Barytes (mainly Sulphate).

Name and Situation of Mine.	Owner.	Quantity.	Value at the Mine.
<b>ENGLAND AND WALES.</b>			
<b>CUMBERLAND :</b>			
Blagill, Alston - - - -	Joseph Dickinson & Co. - - - -	Tons. 101	£ 176
<b>DENBIGHSHIRE :</b>			
Cornwallis West, Ruthin - - - -	Peter Jones & Co. - - - -	150	105
<b>DERBYSHIRE :</b>			
Cackle Mackle, Longstone Moor - - - -	William Furniss - - - -	—	—
Dirty Face, Winster - - - -	Wass and Son - - - -	—	—
Eblows - - - -	Wass and Son - - - -	—	—
Golconda, Griff - - - -	Wass and Son - - - -	—	—
Griff Bage, Hopton - - - -	Francis Doxey - - - -	—	—
Hard Rake, Sheldon, Ashford - - - -	John Goodwin - - - -	—	—
Highfield, Eyam - - - -	George Gillott and Son - - - -	—	—
Holland Twine, Castleton - - - -	R. H. Ashton and others - - - -	—	—
How Grove, Dirlow - - - -	Abraham Furniss - - - -	—	—
Kirk Grove, Dirlow - - - -	Joseph Hall & Co. - - - -	—	—
Long Rake, Middleton Moor - - - -	Joseph Hall - - - -	—	—
Maiden Rake, Little Hucklow - - - -	George Wilson - - - -	—	—
New York, Bradwell Moor - - - -	Robert Barker - - - -	—	—
Old Moor, Castleton - - - -	W. Warhurst's Exors. and others - - - -	—	—
Putty Hill - - - -	William Froggatt - - - -	—	—
Roundlow, Brassington - - - -	Roundlow Mining Co. - - - -	—	—
Spring Flat, Bradwell - - - -	George Elliott - - - -	—	—
Totals - - - -	- - - -	1,148	574
<b>DEVONSHIRE :</b>			
Teign Valley Mine, Bridford - - - -	Teign Valley Barytes and Mining Co. - - - -	593	300
<b>FLINTSHIRE :</b>			
Pennant Mine, St. Asaph - - - -	Pennant Mining Co., Ltd. - - - -	162	324
<b>NORTHUMBERLAND :</b>			
Fallowfield, Hexham - (Carbonate) - - - -	Walton and Cowper - - - -	3,074	6,609
Langley Barony, Haydon Bridge - - - -	Bewick and Partners, Ltd. - - - -	—	—
Settling Stones, Fourstones (Carbonate) - - - -	M. W. Hall - - - -	4,600	9,890
Stonecroft and Greyside, Fourstones - - - -	Stonecroft and Greyside Mining Co. - - - -	—	—
Totals - - - -	- - - -	7,674	16,499
<b>SHROPSHIRE :</b>			
Bulthy Lead and Barytes, Middle-town. - - - -	Bulthy Mining Co. - - - -	821	979
East Wotherton, Chirbury - - - -	William Boustred - - - -	563	536
North Tankerville - - - -	North Tankerville Mine Co. - - - -	66	59
Perkins Reach - - - -	T. H. Watson & Co. - - - -	270	201
Snailbeach, Minsterley - - - -	Snailbeach Mine Co., Ltd. - - - -	40	18
Weston and Churchstoke - - - -	Cliff Dale Barytes Co. - - - -	579	318
Wotherton Barytes and Lead, Chirbury - - - -	Wotherton Barytes and Lead Mining Co. - - - -	2,600	5,284
Totals - - - -	- - - -	4,939	7,395
<b>WESTMORELAND :</b>			
Dufton Fell Lead Mine, Dufton Fell - - - -	Dufton Fell Lead and Barytes Co., Ltd. - - - -	283	212
<b>YORKSHIRE—NORTH RIDING :</b>			
Lunehead, Mickleton - - - -	Lunehead Mining Co. - - - -	53	47
<b>YORKSHIRE—WEST RIDING :</b>			
Raygill, Rotherdale - - - -	P. W. Spencer - - - -	2,333	1,670
York and Lancaster, Clitheroe - - - -	York and Lancaster Mining Co. - - - -	270	169
Totals - - - -	- - - -	2,603	1,839

BARYTES—*continued.*

Name and Situation of Mine.	Owner.	Quantity.	Value at the Mine.
IRELAND.			
MUNSTER:			
Dereenlamone, Co. Cork	Durrus Barytes Co.	Tons. 1,000	£ —
Muckruss Head, Clonakilty, Co. Cork	Duneen Bay Mineral Co., Ltd.	1,356	—
Totals		2,356	1,885

## SUMMARY of the PRODUCTION of BARYTES.

Counties.	Quantities.	Value at the Mines.
ENGLAND AND WALES:		
	Tons.	£
Cumberland	101	176
Denbighshire	150	105
Derbyshire	1,148	574
Devonshire	593	300
Flintshire	162	324
Northumberland	7,674	16,499
Shropshire	4,939	7,395
Westmoreland	233	212
Yorkshire, North Riding	53	47
Yorkshire, West Riding	2,603	1,339
TOTALS FOR ENGLAND AND WALES	17,706	27,471
IRELAND:		
Munster	2,356	1,885
TOTAL PRODUCTION AND VALUE OF BARYTES IN THE UNITED KINGDOM	20,062	29,356

**Bluestone. See ZINC ORE.**

**Bog Iron Ore. (Not generally used for making Iron.)**

Counties.	Quantities.	Value at the Mines.
IRELAND:		
Dublin with Wicklow	Tons. 1,885	£ —
Londonderry	892	—
Skibbereen with Bantry	800	—
Westport with Ballina	2,876	—
TOTALS	6,453	1,985

## Clays—(Excepting ordinary Clay).

## FIRECLAY, from MINES under the COAL MINES REGULATION ACT.

Counties.	Tons.	Total Tons.	Average Price per Ton at the Mines.	Value at the Mines.
<b>ENGLAND AND WALES:</b>				
Breconshire (Eastern part of)	16	11,483	3 0	1,722
Do. (Western do.)	11,467			
Carmarthenshire	-	11,346	3 0	1,702
Cheshire	-	15,000	3 0	2,250
Cumberland	-	45,064	2 6	5,633
Denbighshire	-	19,559	4 0	3,912
Derbyshire	-	17,866	4 0	3,573
Dorsetshire	-	-	-	-
Durham, North	138,283	389,280	3 0	58,392
Do. South	250,997			
Flintshire	-	8,860	4 0	1,772
Glamorganshire (Eastern part of)	6,139	117,720	3 0	17,658
Do. (Western do.)	111,581			
Gloucestershire (Bristol District)	3,720	3,756	3 0	563
Do. (Forest of Dean)	36			
Lancashire, North and East	110,533	124,229	2 10	15,659
Do. West	13,696			
Leicestershire	-	41,895	5 0	10,474
Monmouthshire	-	89,128	3 6	15,597
Nottinghamshire	-	40	4 0	8
Northumberland	-	178,934	3 0	26,840
Shropshire	-	56,000	3 0	8,475
Somersetshire	-	878	3 6	153
Staffordshire, North	19,500	166,450	3 0	2,925
Do. South	146,950			
Warwickshire	-	17,829	6 0	5,348
Worcestershire	-	58,370	4 2	12,166
Yorkshire, East and West	215,427	216,371	3 6	37,450
Do. North Riding	944			
Totals	-	1,590,058	-	265,768
<b>SCOTLAND:</b>				
Ayrshire	-	91,830	2 6	11,479
Clackmannan and Perthshire	-	1,938	2 4	226
Dumbartonshire	-	16,162	2 6	2,020
Dumfriesshire	-	-	-	-
Edinburghshire	-	60,921	2 4	7,107
Fifehire	-	6,417	2 4	749
Haddingtonshire	-	6,720	2 4	786
Lanarkshire, East	104,367	233,745	2 4	12,176
Do. West	129,378			
Linlithgowshire	-	4,020	2 4	469
Perthshire. (See Clackmannan.)	-	-	-	-
Renfrew	-	25,669	2 6	3,208
Stirlingshire, East	15,872	15,872	2 4	1,851
Do. West	-			
Totals	-	463,294	-	56,237
<b>IRELAND:</b>				
Ulster	-	575	3 6	100
Total production and value of Fireclay from mines under the Coal Mines Regulation Act in Great Britain and Ireland		2,053,927	3 1	322,105

CHINA CLAY and CHINA STONE, FIRECLAY, POTTER'S CLAY, &c. from MINES under the  
METALLIFEROUS MINES ACTS, and OPENWORKS.

Name and Situation of Mine or Openwork.	Owner.	Quantity.	Value at the Mine or Openwork.
ENGLAND AND WALES.		Tons.	£
<b>CARNARVONSHIRE:</b>			
Nant-y-Gamer, Llandudno - (Fireclay)	Nant-y-Gamer Fireclay Co., Ltd.	191	96
<b>CORNWALL:</b>			
Shipments of China Clay and China Stone, from Returns furnished by the following Railway Companies and Harbour-masters:—			
Charlestown - Harbour-master	- - - - -	58,747	—
Falmouth - Cornwall Railway Co.	- - - - -	5,930	—
Fowey - Great Western Railway Co.	- - - - -	104,672	—
Hayle - Cornwall Railway Co.	- - - - -	430	—
Laira - Ditto	- - - - -	157	—
Newquay - Great Western Railway Co.	- - - - -	6,315	—
Padstow and Wadebridge - Harbour-master	- - - - -	1,584	—
Par - Ditto	- - - - -	77,820	—
Penryn - Ditto	- - - - -	821	—
Pentewan - Ditto	- - - - -	21,323	—
Penzance - Ditto	- - - - -	1,698	—
Plymouth - Cornwall Railway Co.	- - - - -	7,566	—
Ditto, Sutton Harbour - Ditto	- - - - -	6,482	—
Porthleven - Harbour-master	- - - - -	1,285	—
Sent to inland towns by Cornwall Railway	- - - - -	3,966	—
Totals	- - - - -	298,796	224,097
<b>DENBIGHSHIRE:</b>			
Aberderfyn, Ruabon - (Fireclay)	Aberderfyn Brick and Tile Co.	5,000	625
Penbedw, ditto - "	Henry B. Bowers	6,000	750
Trefynant, ditto - "	J. C. Edwards	8,819	1,101
Totals	- - - - -	19,819	2,476
<b>DEVONSHIRE:</b>			
Cholwich Town, Plympton - (China Clay)	Martin Brothers	—	—
Hemerdon, Headon, and Smallhanger, Plympton (China Clay).	John Olver & Sons	—	—
Lee Moor, Plympton - "	Martin Brothers	—	—
Wotter Waste, Shaugh - "	Ditto	—	—
Kingsteignton, Newton Abbot (Potter's Clay).	Goddard & Co.	—	—
Kingsteignton, Newton Abbot (Potter's Clay).	Watts, Blake, Bearne, & Co.	—	—
Teignbridge, Kingsteignton (Potter's Clay)	Whiteway & Co.	—	—
Totals	- - - - -	58,487	39,479
<b>DORSETSHIRE:</b>			
Furzy Ground, Wareham - (Potter's Clay)	Pike Brothers	—	—
Lake, Poole - "	Henry C. Burt	—	—
Matchams, Corfe Castle - "	Benjamin Fayle & Co.	—	—
Seymour's, Branksea Island - "	Branksea Island Co., Ltd.	—	—
Openworks - Estimated	- - - - -	—	—
Totals	- - - - -	120,000	60,000
<b>DURHAM:</b>			
Wadley, Witton-le-Wear - (Fireclay)	The Witton Fire Brick Co.	9	2
<b>FLINTSHIRE:</b>			
Buckley, Chester - (Fireclay)	Edward Parry & Sons	8,200	—
Belmont and Brook Hill, Buckley - "	Buckley Brick and Tile Co., Ltd.	13,364	—
Castle Firebrick, Northop - "	Castle Firebrick and Tile Co., Ltd.	264	—
Ewloe and Catherall's, Buckley - "	Catherall & Co.	8,863	—
Globe, Buckley - "	Globe Fireclay Co.	4,500	—
Hancock & Co.'s, Buckley - "	William Hancock & Co.	18,000	—
Old Ewloe and Ewloe Barn, Buckley - "	C. Davidson & Co.	23,811	—
Knowl Lane and Etna, Buckley - "	Richard Ashton & Co.	13,000	—
Sandycroft, Buckley - "	Sandycroft Brick, Tile, and Colliery Co.	500	—
Totals	- - - - -	90,502	11,313

## CLAYS—continued.

Name and Situation of Mine or Open Work.	Owner.	Quantity.	Value at the Mine or Openwork.
<b>LANCASHIRE:</b>			
Doulton's, St. Helen's - (Fireclay)	Doulton & Co.	Tons. 6,340	£ —
Rainford, St. Helen's - " "	Mill Lane Mining Co., Ltd.	5,000	—
Totals		11,340	1,420
<b>LEICESTERSHIRE:</b>			
Boothorpe, Woodville - (Potter's Clay)	Boothorpe Sanitary Pipe Co.	—	—
Mount Pleasant, Burton - (Fireclay)	John Knowles & Co.	—	—
Pool, Ashby Wolds - " "	Ensor & Co., Ltd.	—	—
Reservoir Overseal - (Pipeclay)	William Ball	—	—
Woodville - (Fireclay)	Woodville Sanitary Pipe Co., Ltd.	—	—
Totals		23,758	3,469
<b>SOMERSETSHIRE:</b>			
Combe Hay, Bath - (Fuller's Earth)	Samuel E. Butler	780	—
English Combe, Bath - " "	Henry P. Watts	58	—
Lyncombe and Widcombe - " "	Ditto	163	—
Midford - " "	Midford Fuller's Earth Co., Ltd.	864	—
South Stoke - " "	The Minerals Co., Ltd.	—	—
Totals		1,865	933
<b>WARWICKSHIRE:</b>			
Glascote, Glascote - (Fireclay)	Gibbs and Canning - computed	5,000	750
<b>YORKSHIRE:</b>			
Providence, Comondale - " "	Comondale Brick, Pipe, and Pottery Co., Ltd.	2,186	27
<b>LEINSTER: IRELAND.</b>			
1. Drungill Mine, King's Court, Co. Meath (Brick Marl).	Thompson brothers - - -	9,830	1,229

## GENERAL SUMMARY of the PRODUCTION of CLAYS, excepting ordinary CLAY.

Counties.	Quantities.	Value at the Mines or Openworks.
Mines under the Metalliferous Mines Regulation Acts and Openwork.		
<b>ENGLAND AND WALES:</b>		
	Tons.	£
Carnarvonshire - - - - -	191	96
Cornwall - - - - -	298,796	224,097
Denbighshire - - - - -	19,819	2,476
Devonshire - - - - -	58,487	39,479
Dorsetshire - - - - -	120,000	60,000
Durham - - - - -	9	2
Flintshire - - - - -	90,502	11,313
Lancashire - - - - -	11,340	1,420
Leicestershire - - - - -	23,758	3,469
Somersetshire - - - - -	1,865	933
Warwickshire - - - - -	5,000	750
Yorkshire - - - - -	2,186	27
TOTALS	631,953	344,062
<b>IRELAND</b>		
Leinster - - - - -	9,830	1,229
TOTAL PRODUCTION of China Clay, Fireclay, &c. from Mines under the Metalliferous Mines Regulation Acts, and from Openworks	641,783	345,291
TOTAL PRODUCTION of Fireclay from Mines under the Coal Mines Regulation Acts	2,053,927	322,105
TOTALS FOR THE UNITED KINGDOM - - -	2,695,710	667,396

POTTER'S CLAY exported to FOREIGN COUNTRIES from the PORT of TEIGNMOUTH in 1884 and the previous Year. (Return by Board of Customs).

Countries to which shipped.	1883.		1884.	
	Quantity.	Value.	Quantity.	Value.
	Tons.	£	Tons.	£
Belgium	1,953	1,798	2,233	2,043
France	1,183	980	514	432
Holland	2,050	1,849	2,625	2,146
Italy	200	160	720	563
Norway	311	375	455	403
Portugal	—	—	260	300
Russia	170	185	400	450
Spain	1,398	1,125	747	608
Totals to foreign ports	7,265	6,472	7,954	6,945

POTTER'S CLAY, exported from the PORT of POOLE in the Year 1884 and the previous Year. (Return by Board of Customs.)

Countries to which shipped.	1883.		1884.	
	Tons.	Declared Value.	Tons.	Declared Value.
		£		£
Belgium	672	526	280	224
British North America	180	104	—	—
Denmark	480	384	224	179
France	1,362	1,091	2,376	1,902
Germany	1,927	1,353	1,810	1,221
Holland	2,337	1,870	2,365	1,892
Italy	300	240	—	—
Russia	—	—	—	—
South Australia	—	—	—	—
Spain	390	312	180	144
Sweden	3,038	2,146	2,923	1,860
Totals	10,686	8,026	10,158	7,422

POTTER'S CLAY sent from POOLE by Sea and Rail in 1884 and the previous Year. (Furnished by Mr. Laurence W. Pike.)

	1883.	1884.
	Tons.	Tons.
Shipped for export and British ports	81,538	79,219
Sent away by railway	4,653	2,982
Totals	86,191	82,201

TOTAL EXPORTS of CLAYS for 1884 and the previous Year. (Return by Board of Customs.)

Countries to which Exported.	1883.		1884.	
	Quantity.	Value.	Quantity.	Value.
	Tons.	£	Tons.	£
Russia	8,950	10,112	8,813	8,686
Sweden and Norway	8,313	7,570	7,989	6,735
Germany	26,093	26,218	30,093	29,131
Holland	27,930	27,329	26,253	25,754
Belgium	32,443	31,856	29,025	27,953
France	35,167	37,566	28,352	28,752
Spain	5,756	6,816	7,992	8,322
Italy	5,874	7,243	5,261	5,493
United States: Atlantic	15,957	23,146	17,472	24,932
Other Countries	10,720	14,614	9,903	15,028
Totals	177,203	192,470	171,158	180,791

**Coal.**  
SUMMARY OF THE PRODUCTION OF COAL.

Counties.	Tons.	Total Tons.	Average Price per Ton at the Mines.	Value at the Mines.
<b>ENGLAND AND WALES :</b>				
			s. d.	£
Breconshire (Eastern part of) -	61,026	160,242	5 6	44,066
Do. (Western part of) -	99,216			
Carmarthenshire -	598,599	706,000	5 6	164,615
Cheshire -	706,000			
Cumberland -	1,707,582	1,905,898	5 1·86	440,129
Denbighshire -	1,905,898			
Derbyshire -	8,581,001	28,552,303	5 4	2,288,266
Durham, North -	7,618,254			
Do. South -	20,934,049	693,889	4 6·46	1,728,708
Flintshire -	20,934,049			
Glamorganshire (Eastern part of) -	784,094	18,218,343	5 4	185,037
Do. (Western part of) -	17,434,249			
Gloucestershire (Bristol District) -	485,499	1,362,589	6 6	5,920,971
Do. (Forest of Dean) -	877,090			
Lancashire, North and East -	9,889,271	20,088,683	7 0	476,906
Do. West -	10,199,412			
Leicestershire -	1,152,930	6,480,295	6 3	3,090,392
Monmouthshire -	6,480,295			
Northumberland -	7,516,005	5,091,603	5 8	1,836,088
Nottinghamshire -	5,091,603			
Pembrokeshire -	94,687	858,000	5 1	1,294,116
Shropshire -	94,687			
Somersetshire -	843,437	13,355,288	5 3	24,855
Staffordshire, North -	4,667,700			
Do. South -	8,687,588	1,255,148	6 8	286,000
Warwickshire -	8,687,588			
Westmoreland -	1,325	1,000,459	7 0	1,633,695
Worcestershire -	1,325			
Yorkshire, East and West -	19,220,144	19,224,354	5 9	287,632
Do. North Riding -	4,210			
<b>TOTALS</b>		<b>139,448,660</b>	—	<b>38,504,885</b>
<b>SCOTLAND :</b>				
Argyle and Dumfries -	110,453	3,223,167	5 0	27,613
Ayrshire -	110,453			
Clackmannan, Kinross, Perth, and Sutherland.	326,443	228,110	4 9	765,502
Dumfries. (See Argyle.)	326,443			
Dumbarton -	228,110	811,252	5 0	62,730
Edinburgh -	811,252			
Fife -	2,114,588	227,550	4 9	243,375
Haddington -	2,114,588			
Kinross. (See Clackmannan.)	227,550	12,178,456	5 6	502,214
Lanark, East -	9,744,302			
Do. West -	2,434,154	662,046	4 3	2,070,664
Linlithgow -	2,434,154			
Perth. (See Clackmannan.)	662,046	121,732	4 6	198,613
Renfrew -	121,732			
Stirling, East -	898,717	1,182,891	4 6	27,389
Do. West -	898,717			
Sutherland. (See Clackmannan.)	284,174	1,182,891	5 0	224,679
	284,174			
<b>TOTALS</b>		<b>21,186,688</b>	—	<b>4,885,693</b>
<b>IRELAND :</b>				
Connaught -	3,515	80,446	7 0	1,230
Leinster -	3,515			
Munster -	25,759	12,711	9 0	36,200
Ulster -	25,759			
<b>TOTALS</b>		<b>122,431</b>	—	<b>55,605</b>
<b>TOTAL PRODUCTION OF COAL IN GREAT BRITAIN AND IRELAND</b>		<b>160,757,779</b>	<b>5 5</b>	<b>43,446,183</b>

COAL and COKE brought by RAILWAY, CANAL, and SEA within the LONDON DISTRICT. (From the Return published by the Authority of the Corporation of London.)

By Railway, Canal, and Sea.		1884. Tons.
<i>By Railway:</i>		
Great Eastern Railway	- - - - -	793,970
Great Northern Railway	- - - - -	992,665
Great Western Railway	- - - - -	1,125,102
London, Chatham, and Dover Railway	- - - - -	10
London and North Western Railway	- - - - -	1,550,445
London and South Western Railway	- - - - -	75,822
London, Tilbury, and Southend Railway	- - - - -	—
Midland Railway	- - - - -	2,276,477
South Eastern Railway	- - - - -	22,126
London, Brighton, and South Coast Railway	- - - - -	—
<i>By Canal:</i>		
Grand Junction	- - - - -	10,108
Total	- - - - -	6,846,725
<i>By Sea:</i>		
Cumberland	- - - - -	—
Hartlepool and West Hartlepool	- - - - -	215,446
Middlesborough	- - - - -	3,294
Newcastle	- - - - -	2,238,306
Scotland	- - - - -	41,982
Seaham	- - - - -	264,403
Sunderland	- - - - -	923,402
Wales	- - - - -	411,363
Yorkshire	- - - - -	84,878
Colonial	- - - - -	472
Cinders	- - - - -	4,069
Culm	- - - - -	328
Duff	- - - - -	—
Small	- - - - -	105,908
Total	- - - - -	4,293,851
Total by rail, canal, and sea	- - - - -	11,140,576

## LONDON MARKET.

AVERAGE PRICE per Ton of SEA-BORNE COAL in the LONDON COAL MARKET. (Taken from the Coal Exchange Lists.)

Month ending	Newcastle.			Sunderland.			Hartlepool.		
	Highest.	Lowest.	Average.	Highest.	Lowest.	Average.	Highest.	Lowest.	Average.
January	s. d. 17 0	s. d. 14 3	s. d. 15 1	s. d. 16 3	s. d. 15 0	s. d. 15 7	s. d. 16 6	s. d. 15 0	s. d. 15 9
February	15 0	14 9	14 3	15 7	14 3	15 1	16 3	14 6	15 2
March	15 0	14 9	14 8	15 9	13 6	14 7	16 0	13 5	15 0
April	15 0	13 9	14 3	15 8	13 8	14 11	15 10	13 9	15 0
May	15 0	14 3	14 6	15 1	14 3	14 7	16 3	14 3	15 1
June	15 0	14 0	14 7	15 6	14 7	15 2	16 6	15 0	15 6
July	15 0	14 6	14 10	16 2	15 6	15 8	16 6	15 6	15 11
August	15 0	14 9	14 11	16 1	15 6	15 10	16 4	15 9	16 0
September	15 0	14 6	14 10	16 10	15 10	16 5	16 10	15 9	16 5
October	15 6	13 0	14 4	18 4	17 0	17 8	18 6	17 1	17 9
November	15 9	13 6	14 3	17 6	16 9	17 0	17 6	16 7	16 11
December	14 3	12 3	13 4	17 0	15 10	16 5	17 0	15 5	16 6
	—	—	14 6	—	—	15 9	—	—	15 11

NOTE.—The above are the average prices of the best sea-borne coals, put in barge, from the ship in the River Thames; the difference between these prices and those charged to the consumer represents the cost of distribution and merchant's profits.

COAL conveyed by RAILWAY, CANAL, and other INLAND NAVIGATION COMPANIES in GREAT BRITAIN.

RAILWAYS.

Name of Railway Company.	1884. Tons of Coal.
ENGLAND AND WALES.	
<i>The Furness Railways :</i>	
Conveyed from local coal-fields	44,275
"    "    Collieries situated on other railways	330,319
"    "    to Barrow Docks	8,761
"    "    from Stockton and Darlington ; coke	566,973
"    "    Midland and other districts ; coke	97,357
Total coal and coke	1,047,685
<i>The Great Northern Railway :</i>	
Conveyed from Colliery Districts, Derbyshire	1,669,400
"    "    "    Durham	136,248
"    "    "    Leicestershire	991
"    "    "    London and North Western Railway	30,887
"    "    "    Manchester, Sheffield, and Lincolnshire Railway	261,910
"    "    "    Staffordshire, North	11,462
"    "    "    Wales, South	33,355
"    "    "    Yorkshire, South	1,198,034
"    "    "    Do. West Riding-	1,242,108
Total	4,583,895
<i>The Great Western Railway :</i>	
Forwarded from Gloucestershire (Forest of Dean)	206,803
"    "    Monmouthshire	3,870,613
"    "    Somersetshire (Radstock)	279,265
"    "    Staffordshire, South	193,783
"    "    Wales, North	1,089,826
"    "    Do. South	5,444,359
Carried to Staffordshire, South	332,620
Total	11,417,269
<i>The Lancashire and Yorkshire Railway :</i>	
Conveyed from Collieries in Lancashire	4,618,139
"    "    "    Yorkshire	1,991,965
Total	6,610,104
<i>The London and North Western Railway :</i>	
Conveyed from Collieries in Cheshire	186,369
"    "    "    Cumberland, West	329,284
"    "    "    Derbyshire	27,230
"    "    "    Lancashire	7,548,310
"    "    "    Leicestershire	80,151
"    "    "    Shropshire	88,871
"    "    "    Staffordshire, North	101,901
"    "    "    Do. South	1,718,189
"    "    "    Wales, North	306,972
"    "    "    Do. South	1,374,094
"    "    "    Warwickshire	438,912
"    "    "    Yorkshire	278,939
Total	12,479,222
<i>The Manchester, Sheffield, and Lincolnshire Railway :</i>	
From Collieries in Cheshire	8,431
"    "    Yorkshire	1,371,200
"    "    Do. South	4,214,535
Received from other railways	811,665
Total coal and coke	6,405,831

## Coal conveyed by Railway—continued.

Name of Railway Company.	1884. Tons of Coal.
<i>The Maryport and Carlisle Railway :</i>	
For shipment at Maryport - - - - -	119,824
Land sale - - - - -	113,958
Total - - - - -	233,782
<i>The Midland Railway :</i>	
Coal conveyed over the Midland System, Cheshire - - - - -	308
"                    "    Cumberland - - - - -	10,123
"                    "    Derbyshire - - - - -	6,474,972
"                    "    Durham - - - - -	204,191
"                    "    Gloucestershire - - - - -	288,074
"                    "    Hereford - - - - -	246
"                    "    Lancashire - - - - -	109,111
"                    "    Leicestershire - - - - -	1,170,734
"                    "    Nottinghamshire - - - - -	1,467,463
"                    "    Scotland - - - - -	2,223
"                    "    Somersetshire - - - - -	22,315
"                    "    Staffordshire - - - - -	407,531
"                    "    Warwickshire - - - - -	359,393
"                    "    Wales - - - - -	946,941
"                    "    Yorkshire - - - - -	3,382,875
Total - - - - -	14,846,550
<i>The North Eastern Railway :</i>	
From collieries in Durham and Northumberland ; coal and coke - - - - -	11,211,115
"                    "    Lancashire and Yorkshire ; coal and coke - - - - -	1,652,025
Total - - - - -	12,863,140
<i>The North Staffordshire Railway :</i>	
Forwarded to places off North Staffordshire system - - - - -	799,545
Conveyed locally - - - - -	598,555
Total - - - - -	1,398,100
<i>The Taff Vale Railway :</i>	
Carried by - - - - -	8,864,838
SCOTLAND.	
<i>The Caledonian Railway :</i>	
Conveyed from collieries in Ayrshire - - - - -	100,776
"                    "    Edinburghshire - - - - -	92,047
"                    "    Lanarkshire - - - - -	7,294,331
"                    "    Linlithgowshire - - - - -	86,124
"                    "    Renfrewshire - - - - -	7,218
"                    "    Stirlingshire - - - - -	77,472
Received at shipping ports for conveyance inland - - - - -	27,146
Total - - - - -	7,685,114
<i>The Glasgow and South Western Railway :</i>	
Carried for home use - - - - -	1,106,710
Carried for shipment - - - - -	1,181,969
Total - - - - -	2,288,679

Coal conveyed by Railway, Canal, &c.—*continued.*

Name of Railway and Canal Company.	1884. Tons of Coal.
<i>The North British Railway :</i>	
Coal traffic arising in the district of Canobie (Dumfriesshire) - - - -	35,766
"                    "    Fifeshire (Northern Section) - - - -	1,814,672
"                    "    Monklands (Western Section) - - - -	4,191,863
"                    "    Plashetts - - - -	12,700
"                    "    The Lothians, East of Edinburgh - - - -	704,544
"                    "    From other places on Southern Section - - - -	88,150
Total (including 701,058 tons shipped at Burntisland Dock) - - - -	6,847,695
Total Scotland . . . . .	16,821,488

## CANALS AND INLAND NAVIGATION.

<i>The Birmingham Canal Navigation :</i>	
For supply of Birmingham - - - - -	707,211
Via Worcester Canal - - - - -	83,851
Warwick Canal - - - - -	11,740
Coventry Canal - - - - -	3,966
Staffordshire and Worcestershire Canal - - - - -	92,040
From Whittington to Fazeley - - - - -	2,867
For supply of works in the mining districts - - - - -	3,435,310
Total - - - - -	4,336,985
<i>The Bridgewater Navigation :</i>	
Carried from Wigan district - - - - -	} 775,897
"    Worsley and other collieries - - - - -	
Total - - - - -	775,897
<i>The Gloucester and Berkeley Canal :</i>	
Carried over - - - - -	53,973
<i>The Leeds and Liverpool Canal :</i>	
Carried by, from Yorkshire - - - - -	187,055
Carried by, from Lancashire - - - - -	1,000,610
Total - - - - -	1,187,665
<i>The Severn Navigation :</i>	
Carried by - - - - -	58,728
<i>The Staffordshire and Worcestershire Canal :</i>	
Carried by - - - - -	203,590
<i>The Trent and Mersey Navigation :</i>	
Forwarded to places off the North Staffordshire system - - - - -	38,219
Conveyed locally - - - - -	156,515
Total - - - - -	194,734

QUANTITIES of COAL, COKE, and PATENT FUEL shipped COASTWISE to other PORTS of the UNITED KINGDOM. (Return by Board of Customs.)

Ports from which shipped.	1884.			
	Coal.	Coke.	Patent Fuel.	Total of Coal, Coke, and Patent Fuel.
ENGLAND.	Tons.	Tons.	Tons.	Tons.
London	66,023	86,914	-	152,937
Rochester	27,595	90	-	27,685
Faversham	100	-	-	100
Folkestone	-	440	-	440
Shoreham	-	1,235	-	1,235
Portsmouth	4,788	120	-	4,908
Cowes	1,128	-	-	1,128
Southampton	827	-	-	827
Weymouth	50	-	-	50
Teignmouth	150	-	-	150
Dartmouth	33	-	-	33
Bristol	2,309	280	-	2,589
Gloucester	303,251	-	-	303,251
Newport	1,051,659	942	-	1,052,601
Cardiff	1,004,028	573	4,601	1,009,202
Swansea	307,573	397	3,817	311,787
Do. Briton Ferry	207,626	-	-	207,626
Do. Port Talbot	84,709	-	-	84,709
Do. Porth Cawl	107,538	160	-	107,698
Llanelly	135,670	70	-	135,740
Milford	33,043	-	-	33,043
Chester	24,788	-	-	24,788
Liverpool	678,982	150	-	679,132
Runcorn	74,643	62	-	74,705
Preston	17,288	-	-	17,288
Fleetwood	74,748	1,370	-	76,118
Lancaster	494	329	-	823
Whitehaven	165,949	-	-	165,949
Workington	54,885	-	-	54,885
Maryport	186,270	58	-	186,328
Carlisle	24,922	134	-	25,056
Berwick	29	-	-	29
Newcastle	2,944,939	7,382	-	2,952,321
Shields, North	103,892	-	-	103,892
Do. South	262,644	-	-	262,644
Sunderland	2,838,963	612	5,920	2,855,495
Hartlepool	480,669	-	-	480,669
Stockton	170	34	-	204
Middlesbrough	15,023	884	-	15,907
Hull	49,649	-	-	49,649
Goole	150,645	-	-	150,645
Grimsby	27,432	-	-	27,432
Lynn	212	-	-	212
Ipswich	180	116	-	296
Harwich	132	15	-	147
Colchester	50	40	-	90
SCOTLAND.				
Leith	2,621	-	-	2,621
Granton	19,386	-	-	19,386
Borrowstoness	46,334	-	-	46,334
Grangemouth	20,441	-	-	20,441
Alloa	4,247	-	-	4,247
Kirkcaldy	47,688	-	-	47,688
Dundee	230	-	-	230
Campbeltown	4,822	-	-	4,822
Greenock	4,104	-	-	4,104
Glasgow	310,169	343	-	310,512
Ardrossan	160,735	-	-	160,735
Troon	326,602	-	-	326,602
Ayr	367,682	-	-	367,682
IRELAND:				
Londonderry	-	6	-	6
Totals	12,830,759	102,756	24,338	12,957,853

## EXPORTS of COAL, COKE, and PATENT FUEL. (Return by Board of Customs.)

Ports from which shipped.	Quantities Exported.				Declared Value Thereof.			
	Coal.	Coke.	Patent Fuel.	Total of Coal, Coke, and Patent Fuel.	Coal.	Coke.	Patent Fuel.	Total of Coal, Coke, and Patent Fuel.
	Tons.	Tons.	Tons.	Tons.	£	£	£	£
ENGLAND.								
London	22,388	43,113	2,744	68,245	17,332	20,928	2,474	40,734
Dover	40	-	-	40	32	-	-	32
Shoreham	-	40	-	40	-	20	-	20
Portsmouth	-	349	-	349	-	237	-	237
Southampton	21	70	-	91	25	65	-	90
Weymouth	-	13	-	13	-	25	-	25
Dartmouth	30	-	-	30	15	-	-	15
Plymouth	363	251	-	614	296	149	-	445
Penzance	100	-	-	100	50	-	-	50
Barnstaple	40	-	-	40	20	-	-	20
Bristol	9,615	-	903	10,518	5,963	-	541	6,504
Gloucester	12,667	-	-	12,667	7,095	-	-	7,095
Newport	1,712,211	3,751	206	1,716,168	854,507	2,431	142	857,080
Cardiff	6,970,907	30,446	200,755	7,202,108	3,659,994	27,824	108,933	3,796,751
Swansea	824,484	4,378	293,966	1,122,828	382,670	3,313	160,707	546,690
Do. Briton Ferry	115,351	-	20	115,371	50,350	-	14	50,364
Do. Port Talbot	13,500	520	-	14,020	6,245	390	-	6,635
Do. Porth Cawl	21,026	52	-	21,078	9,725	38	-	9,763
Llanelly	71,890	-	10	71,900	30,398	-	5	30,403
Milford	175	-	-	175	88	-	-	88
Chester	3,437	-	-	3,437	1,497	-	-	1,497
Liverpool	642,819	4,048	1,898	648,765	367,970	4,689	1,367	374,026
Runcorn	3,408	-	-	3,408	1,856	-	-	1,856
Fleetwood	7,159	-	-	7,159	3,712	-	-	3,712
Lancaster	430	-	-	430	193	-	-	193
Barrow	179	-	-	179	88	-	-	88
Whitehaven	670	-	-	670	308	-	-	308
Maryport	2,042	-	-	2,042	1,144	-	-	1,144
Newcastle	4,616,336	232,605	280	4,849,221	1,812,933	149,488	56	1,962,477
Shields, North	790,321	4,181	75	794,577	320,487	2,970	37	323,494
Do. South	404,559	4,859	-	409,418	175,926	2,912	-	178,838
Sunderland	1,408,709	29,205	18,583	1,456,497	558,378	16,996	8,335	583,709
Hartlepool	569,423	51,453	-	620,876	226,593	32,761	-	259,354
Stockton	78	-	-	78	35	-	-	35
Middlesbrough	28,430	58,740	-	87,170	12,226	40,491	-	52,720
Hull	624,076	1,049	-	625,125	292,489	934	-	293,423
Goole	400,273	108	-	400,381	167,947	32	-	167,979
Grimsby	356,876	239	-	357,115	173,625	155	-	173,780
Wisbeach	13,564	-	-	13,564	6,212	-	-	6,212
Lynn	60,132	-	-	60,132	28,495	-	-	28,495
SCOTLAND.								
Leith	205,647	10	-	205,657	102,145	17	-	102,162
Granton	111,364	60	-	111,424	46,323	38	-	46,361
Borrowstoness	268,220	586	-	268,806	105,918	248	-	106,166
Alloa	139,436	-	-	139,436	49,654	-	-	49,654
Dundee	29,478	192	-	29,670	14,535	240	-	14,775
Grangemouth	397,439	190	-	397,629	173,680	177	-	173,857
Kirkcaldy	728,775	-	-	728,775	269,650	-	-	269,650
Kirkwall	2	-	-	2	2	-	-	2
Greenock	82,655	-	-	82,655	44,011	-	-	44,011
Glasgow	478,477	5,763	25	484,265	203,143	5,446	24	208,613
Ardrossan	48,093	20	-	48,113	17,098	30	-	17,128
Troon	111,999	-	-	111,999	37,715	-	-	37,715
Ayr	44,768	-	-	44,768	14,446	-	-	14,446
IRELAND.								
Cork	282	-	-	282	170	-	-	170
Coleraine	110	-	-	110	39	-	-	39
Totals	22,354,474	476,291	519,465	23,350,230	10,255,448	313,047	282,635	10,851,130

EXPORTS of COAL, COKE, and PATENT FUEL—*continued.*

Countries to which Exported.	Quantities Exported.				Declared Value Thereof.			
	Coal.	Coke.	Patent Fuel.	Total of Coal, Coke, and Patent Fuel.	Coal.	Coke.	Patent Fuel.	Total of Coal, Coke, and Patent Fuel.
	Tons.	Tons.	Tons.	Tons.	£	£	£	£
Russia :								
Northern Ports - - -	1,141,884	45,299	36,306	1,223,489	493,441	26,390	18,958	538,789
Southern Ports - - -	321,185	1,567	6,137	328,909	152,704	890	3,379	156,973
Sweden - - - - -	1,044,712	36,152	-	1,080,864	449,366	22,151	-	471,517
Norway - - - - -	554,637	16,467	10	571,114	234,261	10,514	5	244,780
Denmark - - - - -	1,112,761	16,095	30	1,128,886	443,655	6,750	31	450,436
Germany - - - - -	2,442,203	42,918	-	2,485,121	918,083	20,684	-	938,767
Holland - - - - -	424,251	2,670	-	426,921	182,271	1,121	-	183,392
Belgium - - - - -	292,130	1,419	-	293,549	124,839	534	-	125,373
Channel Islands - - -	91,085	300	-	91,385	42,118	200	-	42,318
France - - - - -	4,239,072	6,587	121,674	4,367,333	1,763,309	4,465	65,961	1,833,735
Portugal, Azores, and Madeira	406,735	5,264	1,044	413,043	195,033	3,376	602	199,011
Spain and Canaries - -	1,040,294	179,799	55,367	1,275,460	520,775	121,945	30,199	672,919
Gibraltar - - - - -	435,418	32	-	435,450	229,663	33	-	229,696
Italy - - - - -	2,197,560	31,807	124,736	2,354,103	939,789	21,175	68,346	1,029,310
Austrian Territories - -	50,980	1,390	4,341	56,661	21,435	875	2,386	24,696
Malta - - - - -	542,881	-	-	542,881	297,544	-	-	297,544
Greece - - - - -	148,104	25,313	3,983	177,400	77,109	16,579	2,224	95,912
Bulgaria - - - - -	2,929	-	-	2,929	1,762	-	-	1,762
Roumania - - - - -	112,776	-	89	112,865	59,311	-	45	59,356
Turkey - - - - -	317,781	519	1,318	319,618	167,345	424	701	168,470
Egypt - - - - -	1,116,296	1,294	7,199	1,124,789	584,752	908	3,833	589,493
Tripoli and Tunis - - -	7,443	-	1,443	8,886	4,134	-	830	4,964
Algeria - - - - -	63,668	68	60,105	123,841	28,310	45	32,012	60,367
Morocco - - - - -	242	-	-	242	106	-	-	106
Western Coast of Africa -	223,633	-	6,826	230,459	128,440	-	4,054	132,494
Ascension - - - - -	1,172	6	-	1,178	612	6	-	618
St. Helena - - - - -	722	-	-	722	381	-	-	381
British Possessions in South Africa.	144,204	315	-	144,519	81,135	353	-	81,488
Eastern Coast of Africa -	3,870	-	1,734	5,604	2,303	-	954	3,257
Madagascar - - - - -	1,974	-	-	1,974	1,162	-	-	1,162
Bourbon - - - - -	3,481	-	681	4,162	2,151	-	375	2,526
Mauritius and Dependencies -	34,516	116	396	35,028	18,606	161	327	19,094
Arabia : Muscat - - - -	1,831	-	-	1,831	933	-	-	933
Aden and Dependencies - -	164,782	-	-	164,782	94,039	-	-	94,039
Persia - - - - -	6,100	-	-	6,100	3,561	-	-	3,561
British East Indies :								
Continental Territories - -	669,536	11,721	25,698	706,955	346,381	9,368	13,456	369,205
Straits Settlements - - -	388,239	1,410	-	389,649	217,415	1,340	-	218,755
Ceylon - - - - -	183,430	131	987	184,548	102,305	158	525	102,988
French Possessions in India -	-	-	832	832	-	-	437	437
Portuguese Possessions in India	1,200	-	-	1,200	635	-	-	635
Java - - - - -	110,494	364	-	110,858	56,704	474	-	57,178
Other Dutch Possessions in India.	26,937	-	-	26,937	14,298	-	-	14,298
Philippine Islands - - -	10,291	135	-	10,426	6,080	109	-	6,189
Siam - - - - -	1,597	-	-	1,597	972	-	-	972
Cochin China - - - - -	14,354	-	-	14,409	8,297	45	-	8,342
China and Hong Kong - - -	103,831	550	-	104,681	59,063	1,034	-	60,097
Japan - - - - -	5,454	701	1,535	7,690	3,093	683	844	4,620
Australasia - - - - -	7,749	2,688	1,377	11,714	4,402	3,132	1,405	8,939
Islands in the Pacific - - -	5,220	26	-	5,246	3,078	37	-	3,115
British North America - -	109,443	1,918	50	111,411	48,486	1,177	28	49,691
United States of America :								
On the Atlantic - - - - -	65,341	151	202	65,694	68,288	114	106	68,508
On the Pacific - - - - -	176,347	18,880	-	195,227	89,262	17,227	-	106,489
Bermudas - - - - -	4,960	62	551	5,573	2,669	62	303	3,034
British West Indies - - -	218,496	60	13,900	232,456	98,601	106	7,685	106,392
Foreign West Indies - - -	255,003	23	2,254	257,280	138,416	20	1,174	139,610
Mexico - - - - -	12,106	77	-	12,183	5,995	131	-	6,126
Central America - - - - -	262	23	764	1,049	173	30	405	608
United States of Columbia -	45,170	-	3,574	48,744	22,514	-	1,879	24,393
Venezuela - - - - -	4,951	5,609	4,524	14,544	2,579	3,701	2,483	8,763
Ecuador - - - - -	1,001	-	-	1,001	384	-	-	384
Peru - - - - -	75,263	730	13,006	88,999	38,914	636	7,255	46,805
Bolivia - - - - -	17,944	3,152	-	21,096	8,016	2,172	-	10,188
Chili - - - - -	210,164	8,855	10	219,059	98,933	8,012	11	106,956
Brazil - - - - -	467,211	2,359	16,782	486,352	271,841	2,068	9,417	283,326
Uruguay - - - - -	213,249	474	-	213,723	120,841	398	-	121,239
Argentine Republic - - -	255,265	1,030	-	256,295	151,404	1,234	-	152,638
Falkland Islands - - - -	704	-	-	704	471	-	-	471
Totals - - - - -	22,354,474	476,291	519,465	23,350,230	10,255,448	313,047	282,635	10,851,130

COAL and PATENT FUEL received COASTWISE at the various PORTS of the UNITED KINGDOM.  
(Return by Board of Customs.)

Ports at which received.	Coal and Patent Fuel received Coastwise at the various Ports of the United Kingdom.		Ports at which received.	Coal and Patent Fuel received Coastwise at the various Ports of the United Kingdom.	
	Coal.	Patent Fuel.		Coal.	Patent Fuel.
ENGLAND.	Tons.	Tons.	ENGLAND—continued.	Tons.	Tons.
London - - -	4,293,851	14,230	Ipswich - - -	63,997	—
Rochester - - -	513,161	—	Harwich - - -	24,313	—
Faversham - - -	200,152	—	Colchester - - -	56,206	—
Ramsgate - - -	56,361	—			
Dover - - -	52,673	—	Totals for England -	8,447,386	16,673
Folkstone - - -	62,717	—			
Newhaven - - -	52,770	—	SCOTLAND.		
Shoreham - - -	86,726	—	Leith - - -	3,449	—
Littlehampton - - -	35,238	—	Borrowstoness - - -	560	—
Portsmouth - - -	208,678	—	Grangemouth - - -	270	—
Cowes - - -	104,387	—	Kirkcaldy - - -	2,857	—
Southampton - - -	267,851	—	Perth - - -	1,100	—
Poole - - -	56,445	—	Dundee - - -	109,063	—
Weymouth - - -	48,135	—	Arbroath - - -	28,930	—
Exeter - - -	36,810	—	Montrose - - -	54,183	—
Teignmouth - - -	74,556	—	Aberdeen - - -	322,282	—
Dartmouth - - -	85,191	—	Peterhead - - -	39,156	—
Plymouth - - -	376,457	—	Banff - - -	38,671	—
Fowey - - -	101,869	—	Inverness - - -	121,407	—
Truro - - -	64,304	—	Wick - - -	26,226	—
Fulmouth - - -	45,670	—	Kirkwall - - -	16,864	—
Penzance - - -	226,145	—	Lerwick - - -	7,434	—
Scilly - - -	2,367	—	Stornoway - - -	6,819	—
Padstow - - -	41,908	67	Campbeltown - - -	30,067	—
Barnstaple - - -	131,670	—	Glasgow - - -	1,657	—
Bridgewater - - -	306,089	—	Greenock - - -	71,548	—
Bristol - - -	284,000	691	Ardrossan - - -	1,945	—
Gloucester - - -	12,815	—	Troon - - -	210	—
Newport - - -	990	—	Stranraer - - -	11,583	—
Cardiff - - -	4,580	—	Wigtown - - -	12,102	—
Swansea - - -	957	—	Dumfries - - -	7,748	—
Llanelly - - -	3,624	—			
Milford - - -	8,940	—	Total for Scotland -	916,181	—
Cardigan - - -	17,563	—			
Aberystwith - - -	5,991	—	IRELAND.		
Carnarvon - - -	28,544	—	Dublin - - -	905,864	—
Beaumaris - - -	26,813	—	Wexford - - -	72,233	—
Chester - - -	840	—	New Ross - - -	29,039	—
Douglas, Isle of Man - - -	50,268	—	Waterford - - -	177,207	—
Castletown, Isle of Man - - -	10,894	—	Cork - - -	350,394	—
Ramsay, Isle of Man - - -	17,232	—	Skibbereen - - -	13,229	—
Liverpool - - -	12,804	1,685	Tralee - - -	20,397	—
Barrow - - -	13,289	—	Limerick - - -	107,033	—
Whitehaven - - -	15,932	—	Galway - - -	21,540	—
Workington - - -	19,614	—	Westport - - -	9,419	—
Maryport - - -	1,410	—	Sligo - - -	32,127	—
Berwick - - -	6,357	—	Londonderry - - -	135,917	—
Newcastle - - -	3,221	—	Coleraine - - -	31,507	—
Stockton - - -	240	—	Belfast - - -	946,295	—
Whitby - - -	17,349	—	Newry - - -	174,868	—
Scarborough - - -	17,510	—	Dundalk - - -	93,226	—
Middlesbrough - - -	200	—	Drogheda - - -	56,243	—
Hull - - -	7,007	—			
Grimsby - - -	2,702	—	Total for Ireland -	3,176,538	—
Boston - - -	5,176	—			
Wisbeach - - -	2,120	—	Totals for United Kingdom	12,540,105	16,673
Lynn - - -	32,665	—			
Yarmouth - - -	66,441	—			
Lowestoft - - -	72,601	—			

## SUMMARY of COAL, COKE, and PATENT FUEL shipped COASTWISE and EXPORTED in the Year 1884 and the previous Year.

Shipments.	1883.		1884.	
	Quantities.	Value.	Quantities.	Value.
<i>Coastwise :</i>	Tons.	£	Tons.	£
Coal - - - - -	12,953,817	—	12,830,759	—
Coke - - - - -	95,299	—	102,756	—
Patent Fuel - - - - -	17,278	—	24,338	—
Totals - - - - -	13,066,394	—	12,957,853	—
<i>Exported to Foreign Countries :</i>				
Coal - - - - -	21,670,926	9,970,711	22,354,474	10,255,448
Coke - - - - -	488,001	339,551	476,291	313,047
Patent Fuel - - - - -	616,707	335,657	519,465	282,635
Totals - - - - -	22,775,634	10,645,919	23,350,230	10,851,130
<i>For use of Steamers engaged in the Foreign Trade</i>	6,400,594	—	6,614,937	—

### Cobalt and Nickel Ore.

(Cobalt 1·1, Nickel 0·7 per cent.)

Name and Situation of Mine.	Owner.	Quantity.	Value at the Mine.
ENGLAND AND WALES.			
<b>FLINTSHIRE :</b>			
Foel Hiraddug, Cwm, Rhyl - - -	John Clay - - - - -	Tons. cwt. 66 8	£ 237
Totals for the United Kingdom - - -		66 8	237

### Copper Ore.

The amount of copper obtained by smelting British ores is about  $\frac{1}{25}$  or 4 per cent. more than the amount calculated from the dry assay. Thus, in the case of an ore containing 5 per cent. of metal by dry assay, the actual yield has been taken at  $5\frac{1}{5}$  per cent.

Name and Situation of Mine.	Dressed Copper Ore.	Percentage of Metal by Dry Assay.	Amount of Metal obtainable by Smelting.	Value of Ore at the Mine.
ENGLAND AND WALES.				
<b>ANGLESEY :</b>				
Mona, Amlwch - - - - -	Tons. 645	3 $\frac{1}{2}$	Tons. 26	£ 561
<b>CARDIGANSHIRE :</b>				
South Darren, Goginan, Aberystwith - - -	100	7	7	214

## Copper Ore—continued.

Name and Situation of Mine.	Dressed Copper Ore.	Per centage of Metal by Dry Assay.	Amount of Metal obtainable by Smelting.	Value of Ore at the Mine.
ENGLAND AND WALES—cont.				
CARNARVONSHIRE:				
	Tons.		Tons.	£
Carnarvon Copper, Nantlle Vale - - - -	6	11	-	36
Drws-y-coed, Nantlle Vale - - - -	196	9½	-	784
Pantgwyn, Abersoch, Pwllheli - - - -	396	15	-	2,670
Tan-y-bwlch, Abersoch, Pwllheli - - - -	159	12	-	954
Totals - - - -	757	—	101	4,444
CORNWALL:				
Botallack, St. Just - - - -	18	19	-	175
Calstock and Danescombe, Calstock - - - -	138	-	-	151
Camborne Veau, Camborne - - - -	82	-	-	205
Carn, Brea, Redruth - - - -	57	-	-	161
Cook's Kitchen, Camborne - - - -	2	4	-	2
East Caradon, Linkinhorne - - - -	183	-	-	641
East Pool, Illogan - - - - (Halvans)-	376	5½	-	952
East Wheal Uny, Redruth - - - -	70	-	-	217
Glasgow Caradon Consols, St. Ive, Liskeard - - - -	481	6½	-	1,223
Great Wheal Fortune, Breage - - - -	3	-	-	7
Gunnislake Clitters, Tavistock - - - -	1,899	8½	-	7,852
Hawk's Point, Lelant - - - -	8	5	-	16
Herodsfoot, St. Keyne - - - -	2	-	-	3
Holmbush, Callington - - - -	1,635	-	-	1,973
Killifreth, Chacewater - - - -	5	12	-	34
Levant, St. Just - - - -	1,637	12	-	8,014
Marke Valley, Linkinhorne - - - -	685	-	-	1,495
Mellanear, Hayle - - - -	6,928	5½	-	16,029
Mount's Bay Consols, Breage - - - -	2	4	-	2
New Cook's Kitchen, Camborne - - - -	367	7½	-	1,284
New Trumpet Consols, Wendron, Helston - - - -	153	-	-	1,039
New West Caradon, St. Cleer, Liskeard - - - -	46	8½	-	156
North Busy United, Blackwater, Scorrier - - - -	52	-	-	204
Phoenix and West Phoenix United, Linkinhorne - - - -	118	10	-	616
Prince of Wales, St. Mellion, Callington - - - -	331	6½	-	950
Ditto - - - - (Burnt Ore)-	145	2½	-	55
Redmoor, Callington - - - -	4	-	-	4
South Caradon, St. Cleer, Liskeard - - - -	4,096	-	-	14,278
South Tolcarne, Camborne - - - -	543	-	-	2,515
South Wheal Crofty, Illogan - - - -	4	6	-	9
Tincroft, Pool, Redruth - - - -	159	-	-	415
Trevaunance United, St. Agnes, Scorrier - - - -	10	20	-	70
Tregembo, St. Hilary - - - -	6	-	-	45
Violet Seton, Camborne - - - -	106	-	-	299
West Caradon, St. Cleer, Liskeard - - - -	277	7½	-	855
West Kitty, St. Agnes - - - -	66	12	-	396
West Gonamena, St. Cleer - - - -	20	7½	-	70
West Poldice United, Gwennap - - - -	48	7½	-	143
West Wheal Seton, Camborne - - - -	290	8	-	1,076
Wheal Arthur Mine Stamps, Calstock - - - -	27	-	-	59
Wheal Agar, Redruth - - - -	16	10	-	71
Wheal Coates, St. Agnes, Scorrier - - - -	265	9	-	1,060
Wheal Comford and North Tresavean, Redruth - - - -	121	-	-	372
Wheal Uny, Redruth - - - -	58	12	-	353
Totals - - - -	21,539	—	1,792	65,546
DENBIGHSHIRE:				
Dyffryn Aled, Llansannan - - - -	30	-	4	150

## Copper Ore—continued.

Name and Situation of Mine.	Dressed Copper Ore.	Per centage of Metal by Dry Assay.	Amount of Metal obtainable by Smelting.	Value of Ore at the Mine.
ENGLAND AND WALES—cont.				
DEVONSHIRE :				
Bedford United, Tavistock - - - -	2,311	7 $\frac{3}{8}$	- - -	6,964
Collacombe Consols - - - -	21	- - -	- - -	60
Devon Great Consols, Tavistock - - -	10,520	4 $\frac{3}{8}$	- - -	16,827
Devon Great United, Lamerton - - - -	460	7 $\frac{1}{4}$	- - -	1,436
Devon Friendship, Mary Tavy - - - -	21	- - -	- - -	83
Gawton, Gawton Quay, Tavistock - - -	541	- - -	- - -	226
Mid Devon, Belstone, Okehampton - - -	97	8	- - -	380
New Florence, North Molton - - - -	5	10	- - -	25
South Devon United, Buckfastleigh - - -	1,174	- - -	- - -	2,296
Wheal Orebor, Tavistock - - - -	2,924	- - -	- - -	8,020
Totals - - - -	18,074	—	1,315	36,317
LANCASHIRE :				
Coniston Copper Mines, Coniston - - -	Tons. 486	7 $\frac{3}{4}$	Tons. 38	£ 1,832
IRELAND.				
LEINSTER (Co. Wicklow) :				
Connorree Mine, Ovoca - - - -	—	—	—	—
MUNSTER (Co. Cork) :				
Berehaven, Allihies, Bantry - - - -	50	—	—	175
South Berehaven, Kilocrohane, Durrus, Bantry - - -	47	—	—	188
Totals for Ireland - - - -	97	—	12	363

## COPPER PRECIPITATE.

Name and Situation of Mine.	Copper Precipitate.	Per centage of Metal.	Amount of Metal obtainable by Smelting.	Value of Precipitate at the Mine.
ENGLAND AND WALES.				
ANGLESY :				
Mona Mine, Amlwch - - - -	Tons. 340	10 $\frac{1}{2}$	Tons. —	£ 2,040
Parys Mine, Amlwch - - - -	41 $\frac{1}{2}$	18	—	379
Totals for Wales - - - -	381 $\frac{1}{2}$	—	43	2,419
CORNWALL :				
Prince of Wales, Calstock - - - -	1 $\frac{1}{2}$	47	0 $\frac{1}{4}$	36
DEVONSHIRE :				
Devon Great Consols, Tavistock - - -	7 $\frac{1}{4}$	24 $\frac{1}{4}$	1 $\frac{1}{2}$	95
IRELAND.				
LEINSTER (Co. Wicklow) :				
Ballygahan, Ovoca - - - -	7	—	—	157
Connorree, Ovoca - - - -	3 $\frac{1}{2}$	—	—	29
Cronebane and Tigroney - - - -	20	—	—	450
Totals for Ireland - - - -	30 $\frac{1}{2}$	—	9 $\frac{1}{2}$	636

## GENERAL SUMMARY of the PRODUCTION of COPPER ORE and COPPER PRECIPITATE.

Counties.	Copper Ore.	Metallic Copper obtainable by Smelting.	Value of Ore at the Mine.
COPPER ORE.			
ENGLAND AND WALES.	Tons.	Tons.	£
Anglesey	645	26	561
Cardiganshire	100	7	214
Carnarvonshire	757	101	4,444
Cornwall	21,539	1,792	65,546
Denbighshire	30	4	150
Devonshire	18,074	1,315	36,317
Isle of Man	—	—	—
Lancashire	486	38	1,832
Montgomeryshire	—	—	—
IRELAND.			
Leinster and Munster	97	12	363
Totals	41,728	3,295	109,427
COPPER PRECIPITATE.			
ENGLAND AND WALES.			
Anglesey	381 $\frac{3}{4}$	43	2,419
Cornwall	1 $\frac{1}{2}$	0 $\frac{3}{4}$	36
Devonshire	7 $\frac{1}{4}$	1 $\frac{3}{4}$	95
IRELAND	30 $\frac{1}{2}$	9 $\frac{1}{2}$	636
Totals	421	55	3,186
Total production and value of Copper ore and Copper Precipitate in the United Kingdom	42,149	3,350	112,613

The Value of the above quantity of Metallic Copper, according to the Average Market Price for the Year, is 202,591*l.*

THE AVERAGE MONTHLY PRICE, PRODUCE and STANDARD of COPPER ORES produced in CORNWALL and DEVONSHIRE, and sold at the CORNISH TICKETINGS. (From the Ticketing Papers.)

Month.	Average Price per Ton.	Average Produce.	Average Standard.
	£ s. d.	Per cent.	£ s. d.
January	3 4 0	6 $\frac{1}{2}$	90 14 4
February	2 15 6	6	92 5 0
March	2 18 6	6 $\frac{3}{8}$	89 15 0
April	2 15 6	6 $\frac{1}{8}$	91 4 0
May	2 16 9	6 $\frac{1}{8}$	91 1 6
June	3 4 0	7 $\frac{1}{8}$	85 7 6
July	2 18 8	6 $\frac{1}{4}$	85 13 8
August	2 8 0	5 $\frac{3}{4}$	88 12 0
September	2 10 9	6 $\frac{1}{8}$	85 19 6
October	2 17 0	6 $\frac{7}{8}$	82 7 6
November	2 6 3	6	85 19 6
December	2 10 9	6 $\frac{3}{8}$	83 1 0
Averages	2 15 6	6 $\frac{1}{2}$	87 13 4

The AVERAGE MONTHLY PRICES of METALLIC COPPER per Ton in the LONDON MARKET.

Month.	British Copper.			Foreign Copper.	
	Best Selected.	Sheets and Sheathing.	Tough Cake and Ingot.	(Burra) Australian.	Chili Bars.
January - - - -	£ s. d. 64 5 0	£ s. d. 70 0 0	£ s. d. 61 13 9	£ s. d. - - -	£ s. d. 57 1 0
February - - - -	63 2 0	69 2 0	61 1 0	64 10 0	55 13 3
March - - - -	62 2 8	67 2 6	60 6 3	62 12 6	54 9 0
April - - - -	61 16 3	68 2 6	60 17 6	63 10 0	56 - 2 6
May - - - -	63 2 0	71 4 0	61 13 0	63 5 0	56 6 8
June - - - -	61 1 3	66 7 6	60 0 0	61 17 6	54 8 8
July - - - -	60 0 0	65 2 6	58 18 9	60 9 0	54 1 3
August - - - -	59 2 0	65 2 0	58 9 0	60 8 0	54 5 6
September - - - -	59 2 6	65 3 9	58 10 0	60 3 9	54 0 0
October - - - -	59 4 0	64 10 0	57 18 0	60 0 0	53 8 3
November - - - -	57 12 0	62 18 9	56 2 6	59 12 6	52 1 3
December - - - -	55 5 0	60 13 9	53 15 0	60 0 0	48 14 8
Highest prices for the year - -	65 0 0	73 0 0	63 10 0	65 0 0	57 15 0
Lowest prices for the year - -	53 10 0	58 0 0	52 0 0	59 10 0	47 17 6
Average prices for the year -	60 9 6	66 5 9	59 2 1	61 9 10	54 4 4

EXPORTS of COPPER and COPPER ORE from the UNITED KINGDOM. (Return by Board of Customs.)

BRITISH COPPER.	Ore.	Unwrought in Bricks, Figs, &c.	Mixed or Yellow Metal.	Wrought Copper of other Sorts.	Total of British Copper (exclusive of Ore).
PORTS FROM WHICH EXPORTED:					
	Tons.	Tons.	Tons.	Tons.	Tons.
London - - - -	-	1,068	9,052	6,684	16,754
Liverpool - - - -	-	2,453	7,941	11,847	22,241
Bristol - - - -	11	32	123	19	174
Cardiff - - - -	-	1,358	44	923	2,325
Folkestone - - - -	-	3	-	21	24
Goole - - - -	-	190	-	28	218
Grimsby - - - -	-	-	31	58	89
Harwich - - - -	-	-	114	75	189
Hull - - - -	-	834	938	618	2,390
Llanelly - - - -	-	85	-	-	85
Lynn - - - -	-	-	88	5	93
Middlesbrough - - - -	-	2	1	5	8
Newcastle - - - -	-	10,257	23	115	10,395
Newhaven - - - -	-	28	-	1	29
Newport - - - -	-	-	-	13	13
Shields, North - - - -	-	121	-	-	121
Do. South - - - -	-	84	338	22	444
Southampton - - - -	-	122	296	96	514
Swansea - - - -	-	344	281	171	796
Weymouth - - - -	-	-	30	1	31
Other ports of England - - - -	-	2	4	1	7
Glasgow - - - -	-	736	24	32	792
Grangemouth - - - -	-	72	-	-	72
Leith - - - -	-	127	-	1	128
Other ports of Scotland - - - -	-	6	3	-	9
Total export of British Copper - -	11	17,924	19,331	20,686	57,941
COUNTRIES TO WHICH EXPORTED:					
Russia:					
Northern Ports - - - -	-	449	127	195	771
Southern Ports - - - -	-	-	2	204	206
Sweden - - - -	-	197	209	469	875
Norway - - - -	-	24	1,060	122	1,206
Denmark - - - -	-	88	19	29	136
Germany - - - -	-	4,977	917	367	6,261
Holland - - - -	11	3,300	424	345	4,069
Belgium - - - -	-	2,199	215	204	2,618
Channel Islands - - - -	-	-	30	1	31
France - - - -	-	3,698	446	240	4,384
Portugal, Azores, and Madeira - - - -	-	41	68	216	325
Spain and the Canaries - - - -	-	21	33	51	105
Gibraltar - - - -	-	-	4	4	8

Exports of Copper and Copper Ore from the United Kingdom—*continued.*

BRITISH COPPER.	Ore.	Unwrought, in Bricks, Pigs, &c.	Mixed or Yellow Metal.	Wrought Copper of other Sorts.	Total of British Copper (exclusive of Ore).
COUNTRIES TO WHICH EXPORTED :— <i>cont.</i>					
	Tons.	Tons.	Tons.	Tons.	Tons.
Italy . . . . .		1,188	854	469	2,511
Austrian Territories . . . . .		449	210	55	714
Malta . . . . .			37	19	56
Greece . . . . .		1	14	390	405
Bulgaria . . . . .				157	157
Roumania . . . . .		40	1	88	129
Turkey :					
European . . . . .			9	1,104	1,113
Asiatic . . . . .		2	8	1,515	1,525
Egypt . . . . .		1	2	1,105	1,108
West Coast of Africa . . . . .			35	148	183
British Possessions in South Africa . . . . .		2	31	41	74
East Coast of Africa :					
Native States . . . . .				9	9
Mauritius . . . . .		5	50	26	81
Aden . . . . .				11	11
Persia . . . . .			18	547	565
British East Indies . . . . .		945	10,494	10,181	21,620
Java . . . . .		1	66	81	148
Philippine Islands . . . . .			129	32	161
Siam . . . . .			1	5	6
China . . . . .		117	185	195	497
Hong Kong . . . . .			1,463	94	1,557
Japan . . . . .			103	64	167
Australasia :					
West Australia . . . . .			8	5	13
South Australia . . . . .			44	37	81
Victoria . . . . .			59	195	254
New South Wales . . . . .			440	195	635
Queensland . . . . .			21	40	61
Tasmania . . . . .			2	4	6
New Zealand . . . . .		1	93	66	160
Fiji Islands . . . . .			7	2	9
Islands in the Pacific . . . . .			22	17	39
British North America . . . . .		112	488	186	786
United States of America :					
On the Atlantic . . . . .		24	472	13	509
Pacific . . . . .			22	5	27
British West India Islands, and British Guiana . . . . .			51	89	140
British Honduras . . . . .			5	11	16
Foreign West Indies . . . . .			29	115	144
Mexico . . . . .			1	17	18
Central America . . . . .			1	7	8
United States of Columbia . . . . .		1	11	37	49
Venezuela . . . . .			5	27	32
Ecuador . . . . .				44	44
Peru . . . . .			44	30	74
Chili . . . . .			62	30	92
Brazil . . . . .		14	143	620	777
Uruguay . . . . .			28	29	57
Argentine Republic . . . . .		27	4	76	107
Other parts . . . . .			5	6	11
Total export of British Copper . . . . .	11	17,924	19,331	20,686	57,941

FOREIGN COPPER.	Ore.	Regulus.	Old, fit only to be re- manufactured.	Unwrought, and Part Wrought.	Copper Manufactures.
PORTS FROM WHICH EXPORTED :					
	Tons.	Tons.	Tons.	Tons.	Value. £
London . . . . .	61	173	8	5,118	23,932
Liverpool . . . . .	18	860	1	4,507	621
Goole . . . . .	1				
Grimsby . . . . .	10				80
Harwich . . . . .			1	975	
Hull . . . . .			50	6	77
Newcastle . . . . .		251			692
Newhaven . . . . .				1	38
Southampton . . . . .			7	78	6
Swansea . . . . .	2	950			
Glasgow . . . . .					6
Total export of Foreign Copper . . . . .	92	2,234	67	10,685	25,452

Exports of Copper and Copper Ore from the United Kingdom—*continued.*

FOREIGN COPPER.	Ore.	Regulus.	Old, fit only to be re-manufactured.	Unwrought, and Partly Wrought.	Copper Manufactures.
<b>COUNTRIES TO WHICH EXPORTED :</b>					
	Tons.	Tons.	Tons.	Tons.	Value. £
Russia :					
Northern Ports	-	350	-	51	224
Southern Ports	-	-	-	16	3
Sweden	-	-	-	30	30
Denmark	-	-	-	25	16
Germany	69	347	9	2,594	8
Holland	11	760	6	2,296	88
Belgium	-	70	1	787	25
France	12	465	32	2,064	44
Portugal	-	-	-	2	235
Spain	-	-	-	3	146
Italy	-	-	12	84	2,512
Austrian Territories	-	239	7	330	-
Malta	-	-	-	4	68
Greece	-	-	-	-	692
Roumania	-	-	-	85	-
Turkey, Asiatic	-	-	-	12	-
Persia	-	-	-	13	-
British East Indies	-	-	-	2,206	9,819
China	-	-	-	12	9,711
Hong Kong	-	-	-	17	14
Japan	-	-	-	24	896
United States of America on the Atlantic	-	-	-	1	417
Spanish West India Islands	-	-	-	2	320
United States of Colombia	-	-	-	8	-
Argentine Republic	-	-	-	9	-
Other parts	-	3	-	10	185
<b>Total export of Foreign Copper</b>	<b>92</b>	<b>2,234</b>	<b>67</b>	<b>10,685</b>	<b>25,452</b>

IMPORTS of COPPER and COPPER ORE into the UNITED KINGDOM. (Return by Board of Customs.)

	Ore.	Regulus.	Old, fit only to be re-manufactured.	Unwrought, and Partly Wrought.	Copper Manufactures.
<b>PORTS INTO WHICH IMPORTED :</b>					
	Tons.	Tons.	Tons.	Tons.	Value. £
London	6,664	700	210	11,221	25,393
Liverpool	50,698	25,429	704	24,754	5,036
Bristol	161	90	5	16	-
Cardiff	1	2,282	14	-	-
Dover	-	-	-	-	990
Folkestone	-	-	-	-	18,471
Goole	5	67	9	1	171
Grimsby	-	-	11	-	-
Hartlepool	-	-	2	7	56
Harwich	-	-	64	10	4,727
Hull	12	300	797	77	314
Llanelly	4,212	-	-	-	-
Lynn	-	-	74	-	3
Newcastle	1,801	9,934	51	39	419
Newhaven	-	-	-	-	1,285
Newport	-	10	9	-	-
Plymouth	-	-	1	-	-
Rochester	-	-	-	-	37
Shields, North	-	300	-	-	-
Do. South	73	1,192	114	-	-
Southampton	102	-	120	18	566
Stockton	-	36	-	-	-
Swansea	60,301	22,084	151	3,608	-
Weymouth	-	-	35	-	177
Leith	-	-	-	17	46
Aberdeen	10	-	-	-	-
Glasgow	170	-	6	80	1,541
Grangemouth	45	-	-	1	-
Greenock	-	-	9	-	-
Dublin	-	-	-	-	20
<b>Total imports (exclusive of Cupreous Pyrites)</b>	<b>124,255</b>	<b>62,424</b>	<b>2,386</b>	<b>39,849</b>	<b>59,252</b>

Imports of Copper and Copper Ore into the United Kingdom—*continued.*

	Ore.	Regulus.	Old, fit only to be re- manufactured.	Unwrought, and Partly, Wrought.	Copper Manufactures.
COUNTRIES FROM WHICH IMPORTED :	Tons.	Tons.	Tons.	Tons.	Value. £
Russia	-	-	1	-	327
Sweden	240	-	35	-	-
Norway	5,540	-	600	-	25
Denmark	-	-	10	-	-
Germany	158	240	506	37	486
Holland	4	1	183	197	11,371
Belgium	196	14	64	226	4,509
Channel Islands	-	-	36	-	19
France	860	323	130	1,271	40,873
Portugal	1,827	7,161	16	-	85
Spain	7,059	27,621	1	516	45
Canary Islands	-	-	2	-	64
Italy	11,120	800	293	-	-
Austrian Territories	-	-	104	-	-
Malta	-	-	26	-	-
Turkey	-	-	4	-	569
Egypt	-	-	41	-	45
Algeria	6,380	47	-	-	-
British Possessions in South Africa	22,330	-	37	-	-
Mauritius	-	-	2	-	125
Hong Kong	-	-	-	1,098	-
Japan	-	-	-	10	-
Australasia :					
South Australia	3,283	-	-	2,305	-
Victoria	-	15	12	-	-
New South Wales	261	-	-	6,993	-
Queensland	433	-	-	31	-
Canada	45	80	5	-	-
Newfoundland	2,022	405	5	-	-
United States of America	31,432	5,799	30	3,410	284
British West India Islands	-	-	33	1	21
British Guiana	-	-	28	-	-
Mexico	955	-	-	11	42
Venezuela	25,900	5,799	-	-	-
Peru	1,663	-	56	739	356
Bolivia	2,067	2,990	-	-	-
Chili	250	10,719	27	22,845	-
Brazil	170	-	53	-	-
Argentine Republic	45	410	-	109	-
Other parts	15	-	46	-	6
<b>Total imports (exclusive of Cupreous Pyrites)</b>	<b>124,255</b>	<b>62,424</b>	<b>2,386</b>	<b>39,849</b>	<b>59,252</b>

## SUMMARY of BRITISH, COLONIAL and FOREIGN COPPER ORES and REGULUS SMELTED or TREATED in the UNITED KINGDOM, and of COPPER obtainable therefrom in 1883 and 1884.

Copper Ores, &c.	1883.		1884.	
	Quantities.	Amount of Metal in the Ore.	Quantities.	Amount of Metal in the Ore.
	Tons.	Tons.	Tons.	Tons.
Copper ores and Precipitate from mines in the United Kingdom. (Excluding quantities exported.)	46,615	2,608	42,138	3,349
Colonial and Foreign ores (exclusive of Cupreous Pyrites) imported.	105,956	9,000	124,255	11,180
Copper Precipitate and Regulus imported.	57,825	26,000	62,424	28,090
Burnt ore from imported Cupreous Pyrites	439,156	15,370	416,412	15,200
<b>Totals</b>	<b>649,552</b>	<b>52,978</b>	<b>645,229</b>	<b>57,819</b>

## LIST of COPPER SMELTERS in the UNITED KINGDOM.

Owners of Smelting Works.	Situation of Works and Postal Address.
<b>ANGLESEY:</b> Mona Mines Co., Ltd.	Amlwch.
<b>CARMARTHENSHIRE:</b> Mason and Elkington Nevill, Druce, & Co.	Pembrey Copper Works, Burry Port R.S.O., and Newall Street, Birmingham. Llanelly Copper Works, Llanelly. 74, King William Street, London. E.C.
<b>FLINTSHIRE:</b> Newton Keates, & Co.	Holywell, and St. Helen's, Lancashire.
<b>GLAMORGANSHIRE:</b> Bath, Henry, and Son Cape Copper Co., Ltd. Crawshay Brothers Grenfell, P., & Sons Lambert, Charles, & Co. Landore Copper Co. Llansamlet Smelting Co., Ltd. Neath Harbour Smelting and Rolling Works, Ltd. Rio Tinto Co., Ltd. Tharsis Sulphur and Copper Co., Ltd. Vivian and Sons Williams, Foster, & Co.	North Dock, Swansea. Briton Ferry Copper Works, Neath. Cyfarthfa Ironworks, Merthyr Tydfil. Middle Bank Copper Works, Swansea. Port Tennant Copper Works, Swansea. Landore, Swansea. Swansea. Neath. Crown Court, Old Broad Street, London. E.C. Cwmavon. 2, Cophall Buildings, London. E.C. East Moor, Cardiff. Taibach and Hafod Works, Swansea. Morfa Works Swansea. Leadenhall Buildings, Whittington Avenue, London. E.C.
<b>LANCASHIRE:</b> Baxter Bibby, Sons, & Co. British and Foreign Copper Co. Newton Keates & Co. Ravenhead Copper Co. Roberts, William, Jun.	Saint Helen's. Saint Helen's and Liverpool. Saint Helen's and Liverpool. Saint Helen's and Holywell, Flintshire. Liverpool. Saint Helen's.
<b>STAFFORDSHIRE:</b> Keys, James, & Sons	Cheadle.

**Coprolites.** See PHOSPHATE OF LIME.

**Fire Clay.** See CLAYS.

## Fluor Spar.

Name and Situation of Mine.	Owner.	Quantity.	Value at the Mine.
<b>ENGLAND AND WALES.</b>			
<b>CORNWALL:</b> Holmbush, Stoke Climsland	New Holmbush Mining Co., Ltd.	Tons. 5	£ 6
<b>DERBYSHIRE:</b> Blue John Caverns, Castleton Cockwell, Ashover Holmes Venture, Ashover Maiden Rake, Little Hucklow Wakebridge, near Crick	Sarah Eyre Edward Towndrow Anthony Holmes George Wilson Wakebridge Mining Co.	— — — — —	— — — — —
Totals		467	642
<b>DURHAM:</b> Red Vein	Weardale Iron and Coal Co., Ltd.	109	82
Totals for the United Kingdom		581	730

## Gold Ore.

Name and Situation of Mine.	Owner.	Quantity.	Amount of Metal in the Ore.	Value at the Mine.
ENGLAND AND WALES.				
MERIONETHSHIRE:				
Clogau, Bont Ddu, Dolgelly - -	Clogau Mining Company -	Tons. Nil.	Ounces. —	£ —
Gwynfynydd, Trawsfynydd - -	T. A. Readwin and E. E. Baly	Ditto.	—	—

The Custom House Return shows that 17 tons of Gold ore were imported into London, value 3,065*l.*; and into Liverpool 2 tons, value 235*l.*

## Gypsum.

Name and Situation of Mine or Openwork.	Owner.	Quantity.	Value at the Mine or Openwork.
ENGLAND AND WALES.			
CUMBERLAND:			
Knotherill Plaster and Cement Works, Carlisle. (Estimated.)	Joseph Robinson & Co. - - -	Tons. 10,000	£ 9,000
DERBYSHIRE:			
Aston Glebe, Aston - - -	Pegg & Co. - - -	—	—
Aston Hill Home, Aston - - -	Ditto - - -	—	—
Chellaston, Derby - - -	Thomas P. Stableford - - -	—	—
Totals - - -	- - -	13,868	6,587
NOTTINGHAMSHIRE:			
Barton, Nottingham - - -	H. Green & J. Barker - - -	—	—
Beacon Hill, Newark - - -	Caffarata & Co. - - -	—	—
Bowbridge, Newark - - -	Vale of Belvoir and Newark Plaster Co.	—	—
Clay Lane, Newark - - -	Duke and Smith - - -	—	—
Cropwell Bishop - - -	Matthew Cooper - - -	—	—
Cropwell Bishop - - -	Daw, Snaith, & Co. - - -	—	—
Gotham Glebe, Kegworth - - -	Richard Carver - - -	—	—
Gotham, Nos. 1 and 2 - - -	E. F. and J. Winsor - - -	—	—
Hawton, Newark - - -	Caffarata & Co. - - -	—	—
Kingston Leake - - -	Lord Belper - - -	—	—
Orston, Elton - - -	Vale of Belvoir and Newark Plaster Co.	—	—
Pepper, Gotham - - -	Goodacre Brothers - - -	—	—
Thrumpton, Kegworth - - -	Trent Mining Co. - - -	—	—
Weldon, Gotham - - -	G. Stocker & Co. - - -	—	—
Totals - - -	- - -	69,230	20,269
STAFFORDSHIRE:			
Chartley Mines, Chartley - - -	Thomlinson and Salkeld - - -	—	—
Fauld, Burton - - -	J. C. Staton & Co. - - -	6,846	1,198
Totals - - -	- - -	6,846	1,198
SUSSEX:			
East Sussex, Woodlands, Netherfield, Battle.	Alfred Gardener Hastings - - -	—	—
Mountfield, near Battle - - -	Sub-Wealden Gypsum Co. - - -	7,178	7,537
Totals - - -	- - -	7,178	7,537
WESTMORELAND:			
Acorn Bank, Temple Sowerby - - -	Henry Boazman - - -	2,500	700
Kirkbythore, Kirkbythore. (Standing)	Joseph Robinson & Co. - - -	—	—
Totals - - -	- - -	2,500	700
IRELAND.			
LEINSTER:			
Drumgill, Kingscourt, Co. Meath -	Thompson brothers - - -	300	150
Totals for the United Kingdom - - -	- - -	109,922	45,441

## Iron Ore and Ironstone.

NOTE.—The character of the ores of iron is indicated as follows :—

<p><b>A.C.</b> signifies Argillaceous carbonate.</p> <p><b>B.H.</b> „ „ Brown hæmatite.</p> <p><b>M.O.</b> „ „ Magnetic oxide.</p>	<p><b>R.H.</b> signifies Red hæmatite.</p> <p><b>S.</b> „ „ Spathose ore or carbonate of iron.</p> <p><b>S. &amp; S. H.</b> „ „ Spathose ore and Siliceous hæmatite.</p>
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### SUMMARY of the PRODUCTION of IRONSTONE from MINES under the COAL MINES ACT.

Counties.	Tons.	Total Tons.	Average Price per Ton.	Total Value of Ironstone at the Mine.
<b>ENGLAND AND WALES :</b>				
Breconshire (Eastern part of) - - - - -	1,823	} 2,282	s. d.	£
Ditto (Western part of) - - - - -	459		7 0	798
Carmarthenshire - - - - -	-	1,046	7 0	366
Cumberland - - - - -	-	884	6 0	265
Denbighshire - - - - -	-	2,819	7 0	986
Derbyshire - - - - -	-	19,296	6 0	5,789
Glamorganshire (Eastern part of) - - - - -	596	} 51,556	7 0	18,044
Ditto (Western part of) - - - - -	50,960		7 0	578
Lancashire (West) - - - - -	-	1,651	7 0	13,233
Lincolnshire (exclusive of open workings) - - - - -	-	88,223	3 0	8,682
Monmouthshire - - - - -	-	24,805	7 0	18
Pembroke - - - - -	-	51	7 0	109,285
Shropshire - - - - -	-	198,700	11 0	-
Somersetshire - - - - -	-	-	-	-
Staffordshire (North) - - - - -	1,783,800	} 1,873,745	5 0	445,950
Ditto (South) - - - - -	89,945		10 3	46,096
Warwickshire - - - - -	-	16,801	10 0	8,400
Worcestershire - - - - -	-	27,006	10 3	16,878
Yorkshire (East and West) - - - - -	167,812	} 6,220,420	10 0	83,906
Ditto (North Riding) - - - - -	6,052,608		3 3	983,549
Total production of Ironstone in England and Wales	-	8,529,285	—	1,742,823
<b>SCOTLAND :</b>				
Ayrshire - - - - -	-	839,370	8 6	356,732
Dumbartonshire - - - - -	-	168,027	8 6	71,411
Edinburghshire - - - - -	-	78,783	9 6	37,421
Fifehire - - - - -	-	240	9 6	114
Haddingtonshire - - - - -	-	505	9 6	239
Kinross and Perthshire - - - - -	-	16,159	9 6	7,675
Lanarkshire (East) - - - - -	249,680	} 343,112	9 6	138,598
Ditto (West) - - - - -	93,432		9 0	42,044
Linlithgowshire - - - - -	-	154,295	9 6	73,290
Perth. (See Kinross.) - - - - -	-	-	-	-
Renfrew - - - - -	-	207,316	8 6	88,109
Stirling (East) - - - - -	39	} 75,351	9 6	18
Ditto (West) - - - - -	75,312		10 0	37,656
Total production of Ironstone in Scotland	-	1,883,158	—	853,307
<b>IRELAND :</b>				
Antrim (Ulster) - - - - -	-	-	-	-
Total production of Ironstone in Great Britain and Ireland	-	10,412,443	—	2,596,130

IRON ORE produced from MINES under the METALLIFEROUS MINES ACT, and from  
OPENWORKS.

Mine or Openwork.	Where situated.	Owner.	Quantity.	Average per-centage of Iron obtainable.	Value of the Ore at the Mine or Openwork.
<b>ENGLAND AND WALES:—</b>			Tons.		£
<b>CORNWALL:</b>					
Duchy Peru - <b>B.H.</b>	Perranzabuloe -	Duchy Peru Mining Co., Ltd.	950	42	237
Totals			950	42	237
<b>CUMBERLAND:</b>			Tons.		£
Bigrigg - <b>R.H.</b>	Egremont	Lord Leconfield	34,740		18,699
Cleator	Cleator	Cleator Iron Ore Co.	31,997		16,797
Cleator Moor	Ditto	Lord Leconfield	44,756		24,056
Crossfield	Moor Row	Crossfield Iron Ore Co.	70,618		37,074
Crossgill	Frizington	Maryport Hæmatite Iron Co.	9,804		5,938
Dalzell	Moor Row	Ditto	22,325		11,715
Ehen	Ditto	Ehen Mining Co.	3,679		2,028
Eskett	Whitehaven	Eskett Iron Ore Co.	11,500		6,037
Eskett Park	Yeathouse	Charles Cammell & Co., Ltd.	17,884		8,942
Frizington	Frizington	Frizington Mining Co.	9,022		3,659
Frizington Parks	Arlecdon	James Bain & Co.	13,547		6,773
Goosegreen	Ditto	Ditto	3,051		1,526
Gillfoot Park	Egremont	Gillfoot Park Mining Co.	74,076		40,538
Highhouse	Frizington	Fletcher's Highhouse Mining Co.	27,670		15,285
Hodbarrow	Millom	Hodbarrow Mining Co.	488,208		341,744
Holebeck	Frizington	Dalmellington Iron Co.	9,543		4,055
Jacktrees	Cleator	Carron Iron Co. (Falkirk)	31,222		16,375
Kelton and Knockmurton.	Lamplugh	William Baird & Co.	60,260		36,156
Longlands, Nos. 1, 2, and 3.	Cleator	S. and J. Lindow	29,673		15,078
Lonsdale, Nos. 2 and 3.	Frizington	Ditto	7,251		4,297
Montreal	Whitehaven	John Stirling	114,952		60,349
Mowbray	Frizington	Mowbray Iron Ore Co., Ltd.	2,588		1,552
New Parkside	Ditto	New Parkside Mining Co., Ltd.	20,104		12,062
Parkside	Ditto	Parkside Mining Co.	37,766		19,670
Postlethwaites, Eskett	Eskett	John Postlethwaite	47,139		28,283
Salter Hall	Frizington	Thomas Dixon & Co.	20,130		12,078
Todholes	Cleator Moor	Glasgow Cumberland Mining Co., Ltd.	2,229		1,114
Winder	Frizington	Winder Iron Ore Co.	5,788		3,472
Winder Gill	Ditto	Ditto	2,883		1,730
Woodend	Egremont	Moss Bay Hæmatite Iron and Steel Co., Ltd.	7,472		4,483
Woodend	Ditto	James Bain & Co.	50,880		27,984
Wyndham	Ditto	Wyndham Mining Co., Ltd.	44,449		24,398
Totals			1,357,206	55	813,947
<b>DENBIGHSHIRE:</b>					
Tyn-y-caean - <b>R.H.</b>	Abergele	North Wales Iron Ore Co.	133	46	40
Totals			133	46	40

IRON ORE—continued.

Mine or Openwork.	Where situated.	Owner.	Quantity.	Average per-centage of Iron obtainable.	Value of the Ore at the Mine or Openwork.
<b>DEVONSHIRE:</b>			Tons.		£
Bampfylde - <b>B.H.</b>	North Molton	North Molton Mining Co., Ltd. (In liquidation).	—	—	—
Molland - „	Molland	Molland Mining Co. -	1,226	-	307
Kelley - „	Lustleigh	W. H. Hosking -	20	-	40
Stowford - „	North Molton	North Molton Mining Co., Ltd. (In liquidation.)	57	-	16
Totals -	-	-	1,303	51	363
<b>DURHAM:</b>					
Dirt Pit <b>S. &amp; S.H.</b>	Ettersgill	Duke of Cleveland -	500	-	163
Levelgate -	Weardale	Weardale Iron and Coal Co., Ltd.	123	-	40
Red Vein - „	Stanhope	Ditto -	—	—	—
Rowan Tree A. „	Weardale	Ditto -	23,910	-	8,966
Snaigsill - „	Middleton	Thomas Grieve -	219	-	71
Weardale Iron „	Weardale	Weardale Iron and Coal Co., Ltd.	24,339	-	9,127
Stone Workings.					
Totals -	-	-	49,091	30	18,367
<b>GLAMORGANSHIRE:</b>					
Garth - <b>B.H.</b>	Pentyrch	The receiver of T. W. Booker & Co.	3,739	-	1,309
Mwyndy - „	Llantrissant	Mwyndy Iron Ore Co., Ltd.	4,747	-	1,780
Trecastle - „	Llanharry	Ditto -	3,993	-	1,597
Totals -	-	-	12,479	38	4,686
<b>GLOUCESTERSHIRE:</b>					
<b>FOREST OF DEAN. B.H.</b>					
Bobs Quarry -	Aylburton	James Jones -	—	—	—
Bow Pit -	Perry Grove	R. Watkins -	—	—	—
Bream Grove -	Lydney	J. W. Blanch and W. Wood	—	—	—
Buckshraff -	Newnham	Henry Crawshay & Co. -	17,052	—	—
China -	Bream	Ditto and Sons -	12,148	—	—
Crows Nest -	Newland	Richard Watkins -	511	—	—
Dun Pit -	Coleford	Ditto -	1,727	—	—
Dun Pit -	Ditto	Henry Crawshay and Sons -	231	—	—
Easter -	Ditto	Trevor Powell and others -	373	—	—
Edge Hill -	Mitcheldean	Dowlais Iron Co. -	11,733	—	—
Highmeadow -	Highmeadow	Highmeadow Iron Ore Co. -	544	—	—
Kingsmoor -	Bream	J. E. Wyndham -	—	—	—
Lambsquay -	Coleford	W. H. Fryer -	385	—	—
Limekiln Pool -	Ditto	Ditto -	—	—	—
Lydbrook -	Ditto	Ditto -	—	—	—
New Dun Pit -	Ditto	Richard Watkins -	—	—	—
Noxon Park -	Noxon	George Jarrett -	1,280	—	—
Oak Pit -	Coleford	Goodrich Langham -	—	—	—
Oakwood Deep Level	Bream	Oakwood Iron Co. -	495	—	—
Oakwood Level -	Ditto	Walter Hoare -	—	—	—
Old Ham Pit -	Coleford	W. H. Fryer -	324	—	—
Old Sling Pit -	Ditto	Ditto -	3,000	—	—
Park -	Lydney	John York, Jarrett -	4,835	—	—
Park Hill -	Bream	Henry Crawshay and Sons -	11	—	—
Perseverance -	East Dean	Ditto ditto -	6,827	—	—
Saint Annalls -	Ditto	Ditto ditto -	—	—	—
South Oakwood -	Bream	Oakwood Iron Co. -	—	—	—
Wigpool -	Mitcheldean	The Lydney and Wigpool Iron Ore Co., Ltd.	613	—	—
Yew Tree -	Bream	John Shingles -	904	—	—
Totals -	-	-	*63,043	44	31,521

\* Of the above quantity the mines in the Crown property produced 56,677 tons (Gaveller's Return).

## IRON ORE—continued.

Mine or Openwork.	Where situated.	Owner.	Quantity.	Average per-centage of Iron obtainable.	Value of the Ore at the Mine or Openwork.
<b>ISLE OF MAN :</b>					
Foxdale - <b>R.H.</b>	Foxdale -	Isle of Man Mining Co., Ltd.	Tons. 100	32	£ 34
<b>LANCASHIRE :</b>					
(Detached part of North Lancashire.)					
Bereune - <b>R.H.</b>	Lindal-in-Furness	Wigan Coal and Iron Co., Ltd.	1,114	-	668
Dalton -	Dalton-in-Furness	Askam and Mouzell Iron Co., Ltd.	14,205	-	6,037
Ditto -	Ditto -	Executors of Myles Kennedy	6,570	-	3,942
Elliscales -	Ditto -	Elliscales Mining Co., Ltd.	10,423	-	4,324
High Cross Gates -	Lindal-in-Furness	Ulverston Mining Co., Ltd.	263	-	112
Lindal Cote -	Ditto -	Ditto ditto -			
Lindal Moor -	Ditto -	Harrison, Ainslie & Co.	303,870	-	182,322
Mouzell -	Dalton-in-Furness	Askam and Mouzell Iron Co., Ltd.	74,898	-	44,938
Newton and Stank -	Barrow-in-Furness	Barrow Hæmatite Steel Co., Ltd.	137,133	-	60,000
Park -	Dalton-in-Furness	Ditto ditto -	325,859	-	142,600
Pennington -	Lindal-in-Furness	Parkside Mining Co.	28,612	-	13,950
Roanhead -	Dalton-in-Furness	Kennedy brothers -	213,901	-	96,255
Sandscale -	Ditto -	Sandscale Mining Co.	8,503	-	4,251
Stainton -	Barrow-in-Furness	Barrow Hæmatite Steel Co., Ltd.	5,397	-	2,360
Ditto -	Urswick -	John Brogden and Son -	94	-	40
Whittriggs and Old Hills.	Lindal-in-Furness	Barrow Hæmatite Steel Co., Ltd.	47,534	-	20,800
Yarlside -	Dalton-in-Furness	Storey and Boulton -	57,258	-	28,628
Totals -	-	-	1,235,634	54	611,227
<b>LEICESTERSHIRE :</b>					
Eastwell - <b>B.H.</b>	Melton Mowbray	Staveley and Bestwood Coal and Iron Cos., Ltd.	-	-	-
Holwell -	Ditto -	Stanton Iron Works Co., Ltd.	-	-	-
Waltham -	Ditto -	Staveley Iron Co. and J. Oakes & Co.	-	-	-
Wartnaby -	Ditto -	Stanton Iron Works Co., Ltd.	-	-	-
Totals -	-	-	261,837	34	32,728
<b>LINCOLNSHIRE :</b>					
Appleby - <b>B.H.</b>	Brigg -	Frodingham Iron Co. -	-	-	-
Caythorpe -	Grantham -	Stanton Iron Works Co., Ltd.	-	-	-
Claxby -	Cwm Normanby	West Yorkshire Iron and Coal Co., Ltd.	-	-	-
Crosby -	Frodingham -	-	-	-	-
Frodingham -	Ditto -	Rowland Winn, Esq., M.P. -	-	-	-
Ditto -	Ditto -	Frodingham Iron Co. -	-	-	-
Glebe -	Brigg -	Staveley Coal and Iron Co., Ltd., and others.	-	-	-
Greetwell -	Lincoln -	Mid Lincolnshire Iron Co. -	-	-	-
Gunhouse -	Brigg -	Park Gate Iron Co., Ltd. -	-	-	-
Normanby -	Ditto -	William Cooke & Co., Ltd. -	-	-	-
Scunthorpe -	Scunthorpe -	Frodingham Iron Co. -	-	-	-
Trent -	Frodingham -	Trent Iron Co. -	-	-	-
Warren -	Scunthorpe -	George Dove -	-	-	-
Woolsthorpe -	Grantham -	Stanton Iron Works Co. -	-	-	-
Totals -	-	-	1,260,470	30	150,592

## IRON ORE—continued.

Mine or Openwork.	Where situated.	Owner.	Quantity.	Average per-centage of Iron.	Value of the Ore at the Openwork.
NORTHAMPTONSHIRE:			Tons.		£
Addington - <b>B.H.</b>	Great Addington, Thrapston.	Thomas Walters -	—	—	—
Blisworth -	Blisworth -	G. E. Bevan & Co. -	—	—	—
Brixworth -	Brixworth -	The Sheepbridge Coal and Iron Co., Ltd.	—	—	—
Ditto -	Ditto -	Attenborough & Co. -	—	—	—
Burton Latimer -	Kettering -	Glendon Iron Co. -	—	—	—
Cogenhoe -	Northampton -	Cogenhoe Iron Ore Co. -	—	—	—
Corby -	Kettering -	Cardigan Iron Ore Co. (Lloyds & Co.)	—	—	—
Cranford -	Ditto -	Staveley Coal and Iron Co., Ltd., and J. Oakes & Co. -	—	—	—
Cranford, East -	Ditto -	Butlin, Bevan, & Co. -	—	—	—
Ditto West -	Ditto -	Ditto ditto -	—	—	—
Cransley -	Ditto -	Cransley Iron Co. -	—	—	—
Desborough -	Desborough -	Stanton Iron Works Co., Ltd.	—	—	—
Ditto -	Ditto -	Thomas Walters -	—	—	—
Ditto -	Ditto -	Glendon Iron Co. -	—	—	—
Ditto -	Ditto -	James Pain -	—	—	—
Ditchford -	Wellingborough -	Butlin, Bevan, & Co. -	—	—	—
Duston -	Northampton -	The Executors of the late Henry Higgins.	—	—	—
Easton Neston (Standing).	Towcester -	Easton Neston Mining Co. -	—	—	—
Finedon -	Kettering -	Glendon Iron Co. -	—	—	—
Finedon Road -	Wellingborough -	Stanton Iron Works Co., Ltd.	—	—	—
Finedon Road Bridge	Ditto -	Rixons Iron and Brick Co., Ltd.	—	—	—
Glendon -	Ditto -	Glendon Iron Co. -	—	—	—
Gayton -	Blisworth -	Henry W. Wheldon -	—	—	—
Ditto -	Ditto -	Heyford Iron Ore Co. -	—	—	—
Hunsbury Hill -	Northampton -	Hunsbury Hill Iron Co. -	—	—	—
Islip -	Thrapston -	Islip Iron Co. -	—	—	—
Lampport -	Kettering -	Glendon Iron Co. -	—	—	—
Newbridge -	Twywell, Kettering.	Newbridge Iron Ore Co. -	—	—	—
Ringstead -	Thrapston -	Butlin, Bevan, & Co. -	—	—	—
Spratton -	Northampton -	Attenborough & Co. -	—	—	—
Thingdon -	Wellingborough -	Walter Neilson, Junr. -	—	—	—
Warren Hill -	Kettering -	Kettering Iron Ore Co. -	—	—	—
Wellingborough -	Wellingborough -	Butlin, Bevan, & Co. -	—	—	—
Ditto -	Ditto -	Stanton Iron Works Co., Ltd.	—	—	—
Ditto -	Ditto -	Rixons Iron and Brick Co., Ltd.	—	—	—
Wollaston -	Irchester -	Butlin, Bevan, & Co. -	—	—	—
Woodford -	Thrapston -	Twywell Iron Ore Co. (Awardsworth Iron Co.)	—	—	—
Totals			1,279,783	36	162,620
OXFORDSHIRE:					
Fawler - <b>B.H.</b>	Charlbury -	Bolton and Partners, Ltd.	—	—	—
RUTLANDSHIRE:					
Cottesmore - <b>B.H.</b>	Oakham -	Sheepbridge Coal and Iron Co., Ltd.	—	—	—
Totals of Oxfordshire and Rutlandshire			32,885	34	4,110
SOMERSETSHIRE:					
Ridgehill - <b>B.H.</b>	Winford -	Charles Pearce -	104	—	11
Winford - "	Flax Bourton, R.S.O.	Winford Iron Ore and Redding Co., Ltd.	3,478	—	2,608
Totals			3,582	34	2,619
WILTSHIRE:					
Westbury - <b>B.H.</b>	Westbury -	Westbury Iron Co., Ltd. -	62,234	40	12,446

## IRON ORE—continued.

Owner.	Mine.	Where situated.	Quantity.	Average per-centage of Iron obtainable.	Value of the Ore at the Mine or Openwork.
<b>SCOTLAND.</b>					
<b>PEEBLES-SHIRE:</b>					
Merry and Cunningham R.H.	Noblehouse	Laurancha, Peebles	Tons. 2,218	-	£ 1,109
<b>IRELAND.</b>					
Antrim Iron Ore Co., Ltd., Belfast.	Broughshane Clonetrace Dungonnell Glenarm Parkmore Rathkenny	Ballymena Ditto Ditto Glenarm Ballymena Ditto	(Pisolitic Ore.) 72,561	—	—
Chambers, Charles, 3, West- minster Chambers, Victoria Street, London.	Evishacrow	Glenravel	6,900	—	—
Duneany Mining Co.	Duneany	Killagan	3,976	—	—
Dunluce Mining Co.	Dunluce	Portrush	200	—	—
Fisher, John, & Co., Barrow- in-Furness.	Glenravel	Slieveniah, Glenravel	5,592	—	—
Glenariff Iron Ore and Har- bour Co. Ltd., 36, Wall- brook, London.	Cloghcor	Parkmore, Ballymena.	—	—	—
Mountcashel Iron Ore Co., Ltd., 1, Chancery Lane, Pall Mall, Manchester.	Evishnably Gortnageeragh	Glenravel, Ballymena Ditto ditto	1,433	—	—
Portrush Mining Co., Portrush	Ballycraig	Portrush	6,839	—	—
Ritchie, Francis, and Sons, Belfast.	Ballyboley Carnlough Island Magee	Ballynure Junction Carnlough Larne	5,995	—	—
Templeton, General Viscount	Lyle Hill	Templepatrick	—	—	—
Totals	-	-	102,496	20 to 42 (36)	20,499

## GENERAL SUMMARY of the PRODUCTION of IRON ORE and IRONSTONE from MINES and OPENWORKS.

Districts.	Quantities.	Average per-centage of Iron obtainable.	Amount of Metal obtainable.	Value of the Ore at the Mine or Openwork.
<b>UNDER COAL MINES REGULATION ACT.</b>				
ENGLAND AND WALES, STRATIFIED IRONSTONE	Tons. 8,529,285	30	Tons. 2,558,785	£ 1,742,823
SCOTLAND, STRATIFIED IRONSTONE	1,883,158	32	602,608	853,307
TOTALS	10,412,443	—	3,161,393	2,596,130
<b>UNDER METALLIFEROUS MINES REGULATION ACTS, AND FROM OPEN WORKINGS.</b>				
<b>ENGLAND AND WALES.</b>				
Cornwall	950	42	399	237
Cumberland	1,357,206	55	746,463	813,947
Denbighshire	133	46	61	40
Devonshire	1,303	51	664	363
Durham	49,091	30	14,727	18,367
Glamorganshire	12,479	38	4,742	4,686
Gloucestershire	63,043	44	27,738	31,521
Isle of Man	100	32	32	34
Lancashire	1,235,634	54	667,242	611,227
Leicestershire	261,837	34	89,024	32,728
Lincolnshire	1,260,470	30	378,141	150,592
Northamptonshire	1,279,783	36	460,721	162,620
Oxfordshire	32,885	34	11,180	4,110
Rutland				
Somersetshire	3,582	34	1,217	2,619
Wiltshire	62,234	40	24,893	12,446
<b>SCOTLAND.</b>				
Peebles	2,218	50	1,109	1,109
<b>IRELAND.</b>				
Antrim	102,496	20 to 42 (36)	36,898	20,499
TOTAL PRODUCE OF IRON ORE AND IRONSTONE IN THE UNITED KINGDOM	16,137,887	—	5,626,644	4,463,275

IMPORTS of IRON ORE into the UNITED KINGDOM in the Year 1884 and the previous Year.  
(Return by Board of Customs.)

Ports into which Imported.	1883.		1884.	
	Quantity.	Value.	Quantity.	Value.
<b>ENGLAND AND WALES :</b>	Tons.	£	Tons.	£
Barrow - - - - -	5,350	4,345	-	-
Cardiff - - - - -	655,768	491,034	481,235	338,891
Chester - - - - -	60,727	64,524	53,956	44,031
Fleetwood - - - - -	91,597	94,260	87,007	90,950
Goole - - - - -	1,390	1,286	2,373	1,819
Hartlepool - - - - -	29,548	26,628	63,728	43,434
Hull - - - - -	8,026	10,375	1,015	757
Lancaster - - - - -	1,050	1,210	1,030	650
Liverpool - - - - -	67,785	86,379	86,579	96,773
London - - - - -	3,888	17,733	1,282	3,608
Maryport - - - - -	6,270	6,270	11,888	9,139
Middlesbrough - - - - -	444,444	370,313	398,495	306,084
Newcastle - - - - -	295,644	257,165	179,242	138,941
Newport - - - - -	748,541	581,204	626,906	421,386
Runcorn - - - - -	246	203	-	-
Shields, North - - - - -	10,219	8,844	3,610	2,664
Ditto South - - - - -	28,740	23,710	38,103	28,024
Southampton - - - - -	16	70	22	45
Stockton - - - - -	56,081	42,195	63,823	39,830
Sunderland - - - - -	79,295	79,295	47,089	46,729
Swausea - - - - -	170,738	157,437	139,432	107,960
Whitehaven - - - - -	28,723	32,894	11,210	11,185
Workington - - - - -	40,577	43,578	26,797	25,249
<b>SCOTLAND :</b>				
Ardrossan - - - - -	25,255	20,406	39,640	27,316
Ayr - - - - -	6,709	6,622	9,070	7,924
Bo'ness - - - - -	18,068	15,929	12,901	11,195
Glasgow - - - - -	280,055	280,665	264,857	235,329
Grangemouth - - - - -	5,087	5,426	19,220	13,909
Greenock - - - - -	17,975	17,475	55,350	51,727
Leith - - - - -	826	1,195	1,965	1,445
Troon - - - - -	2,405	2,200	3,004	7,606
<b>Totals</b> - - - - -	<b>3,191,073</b>	<b>2,750,870</b>	<b>2,730,829</b>	<b>2,114,600</b>

Whence Imported.	Quantity.	Value.	Quantity.	Value.
	Tons.	£	Tons.	£
Australasia - - - - -	2,886	16,238	724	2,595
Greece - - - - -	21,497	22,887	6,100	5,443
Algeria - - - - -	131,264	110,423	126,206	104,547
Italy - - - - -	51,676	55,535	4,005	4,386
Spain - - - - -	2,958,760	2,496,783	2,568,088	1,930,909
Turkey - - - - -	5,454	26,795	10,283	51,553
Other Countries - - - - -	19,536	22,209	15,423	15,167
<b>Totals</b> - - - - -	<b>3,191,073</b>	<b>2,750,870</b>	<b>2,730,829</b>	<b>2,114,600</b>

EXPORTS of IRON ORE from the UNITED KINGDOM.

Whence Exported.	Quantity.	Value.	Quantity.	Value.
	Tons.	£	Tons.	£
Iron ore exported to United States - - - - -	7,688	6,442	7,197	3,821
Iron ore exported to other Countries - - - - -	1,020	1,380	1,119	1,534
<b>Totals</b> - - - - -	<b>8,708</b>	<b>7,822</b>	<b>8,316</b>	<b>5,355</b>

The TOTAL QUANTITIES of IRONSTONE and IRON ORE produced in the UNITED KINGDOM, and imported in 1884 and the previous Year.

Year.	United Kingdom.	Foreign Ores (including Purple Ore).	Total.
	Quantity produced.	Quantity Imported.	
1883	Tons. 17,383,046	Tons. 3,581,073	Tons. 20,964,119
1884	16,137,887	3,153,133	19,291,020

GENERAL SUMMARY showing the QUANTITY of IRON ORE available for the BLAST FURNACES of GREAT BRITAIN in the Year 1884.

The total quantity of Ironstone and Iron Ore from mines and open works in the United Kingdom in 1884	Tons. 16,137,887
Foreign Ores imported	2,720,829
"    "    " Purple Ore" or residue of Cupreous Pyrites, being 75 per cent. of 563,073 tons of raw Cupreous Pyrites imported	422,304
Iron Ores exported	19,291,020 8,316
Total quantity of Ironstone and Iron Ore available for the Blast Furnaces	19,282,704

### Iron—Pig Iron Production.

BLAST FURNACES in GREAT BRITAIN, MAKE of PIG IRON, and QUANTITY of IRON ORE and COAL used.

Name and Situation of Furnaces.	Owner.	Blast Furnaces.	
		Number.	In Blast
<b>ENGLAND AND WALES:</b>			
<b>CUMBERLAND:</b>			
Cleator Moor, <i>Whitehaven</i>	Whitehaven Hæmatite Iron and Steel Co., Ltd.	5	2
Derwent, <i>Workington</i>	Charles Cammell & Co., Ltd.	3	3
Distington, <i>Whitehaven</i>	Distington Hæmatite Iron Co., Ltd.	2	2
Duddon, <i>Duddon</i>	Harrison, Ainslie & Co.	1	—
Harrington, <i>Harrington</i>	James Bain & Co.	4	2
Lonsdale, <i>Whitehaven</i>	Lonsdale Hæmatite Iron and Steel Co., Ltd.	4	2½
Lowther, <i>Workington</i>	Lowther Hæmatite Iron Co., Ltd.	3	3
Maryport, <i>Maryport</i>	Maryport Hæmatite Iron and Steel Co., Ltd.	6	2½
Millom, <i>Millom</i>	Cumberland Iron Mining and Smelting Co., Ltd.	6	3½
Moss Bay, <i>Workington</i>	Moss Bay Hæmatite Iron and Steel Co., Ltd.	4	2½
New Yard, <i>Workington</i>	Kirk Brothers & Co.	1	½
Parton, <i>Whitehaven</i>	Parton Hæmatite Iron Co., Ltd.	3	—
Solway, <i>Maryport</i>	Solway Hæmatite Iron Co., Ltd.	2	2
West Cumberland Iron and Steel, <i>Workington</i>	West Cumberland Iron and Steel Co., Ltd.	6	4½
Workington Iron and Steel, <i>Workington</i>	Workington Hæmatite Iron and Steel Co., Ltd.	5	2
Totals		55	32½

Total make of pig iron, 845,792 tons. Total iron ore used, 1,484,437 tons. Total coal used (including coal converted into coke), 1,546,127 tons.

Blast Furnaces—*continued.*

Name and Situation of Furnaces.	Owner.	Blast Furnaces.	
		Number.	In Blast.
<b>DENBIGHSHIRE:</b>			
Brymbo, <i>Brymbo</i> - - -	Brymbo Steel Co., Ltd. - - -	3	—
Ffrwd, <i>Wrexham</i> - - -	James Sparrow & Son - - -	2	—
Ruabon, <i>Ruabon</i> - - -	New British Iron Co., Ltd. - - -	2	1
Totals - - -	- - -	7	1
Total make of pig iron, including that of Flintshire, 34,486 tons. Total iron ore used 81,664 tons. Total coal used (including coal converted into coke), 121,827 tons.			
<b>DERBYSHIRE:</b>			
Alfreton, <i>Alfreton</i> - - -	James Oakes & Co. - - -	3	3
Butterley, <i>Alfreton</i> - - -	The Butterley Co. - - -	5	3
Clay Cross, <i>Chesterfield</i> - - -	The Clay Cross Co. - - -	3	2
Denby, <i>Derby</i> - - -	George Dawes - - -	4	2
Erewash Valley, <i>Ilkeston</i> - - -	Erewash Valley Iron Co. - - -	4	1
Newbold, <i>Chesterfield</i> - - -	Newbold Iron and Coal Co. - - -	1	—
Oakerthorpe, South, <i>Wingfield Alfreton</i> - - -	R. C. Strelley - - -	2	—
Renishaw, <i>Eckington</i> - - -	F. R. Appleby & Co. - - -	2	2
Sheepbridge, <i>Chesterfield</i> - - -	Sheepbridge Iron and Coal Co., Ltd. - - -	8	5
Stanton, <i>Nottingham</i> - - -	Stanton Iron Works Co., Ltd. - - -	9	7
Staveley, <i>Chesterfield</i> - - -	Staveley Coal and Iron Co., Ltd. - - -	8	6
West Hallam, <i>Ilkeston</i> - - -	West Hallam Coal and Iron Co. - - -	2	—
Wingerworth, <i>Chesterfield</i> - - -	Wingerworth Iron Co. - - -	3	1½
Totals - - -	- - -	54	32½
Total make of pig iron, 359,338 tons. Total iron ore used, 979,270 tons. Total coal used (including coal converted into coke), 832,161 tons.			
<b>DURHAM:</b>			
Carlton, <i>Stockton-on-Tees</i> - - -	Carlton Iron Co., Ltd. - - -	3	2
Clarence, <i>Middlesbrough-on-Tees</i> - - -	Bell Brothers, Ltd. - - -	12	9½
Consett, <i>Blackhill, Durham</i> - - -	Consett Iron Co., Ltd. - - -	7	5½
Ferry Hill, <i>Ferry Hill</i> - - -	John Rogerson - - -	8	—
Jarrow, <i>Jarrow-on-Tyne</i> - - -	Palmer's Shipbuilding and Iron Co., Ltd. - - -	4	3½
Middleton, <i>Darlington</i> - - -	Executors of the late George Wythes - - -	4	—
Norton, <i>Stockton-on-Tees</i> - - -	Norton Iron Co., Ltd. - - -	3	—
Seaton Carew, <i>West Hartlepool</i> - - -	Seaton Carew Iron Co., Ltd. - - -	3	2
South Durham, <i>Darlington</i> - - -	South Durham Iron Co., Ltd. (in liquidation) - - -	3	—
Stockton, <i>North Shore</i> - - -	Stockton Iron Furnace Co. (ditto.) - - -	3	—
Tees Bridge, <i>Stockton-on-Tees</i> - - -	Tees Bridge Iron Co., Ltd. - - -	3	2½
Towlaw, <i>Darlington</i> - - -	Weardale Iron and Coal Co., Ltd. - - -	4	1
Tudhoe, <i>Spennymoor</i> - - -	Ditto ditto - - -	2	2
Vane and Seaham, <i>Seaham</i> - - -	Watson, Kipling, & Co., Ltd. - - -	2	—
Witton Park, <i>Bishop Auckland</i> - - -	Bolckow, Vaughan, & Co., Ltd. - - -	2	1
Totals - - -	- - -	63	28½
Total make of pig iron, including Northumberland, 779,131 tons. Total iron ore used, 2,012,767 tons. Total coal used (including coal converted in coke), 1,495,645 tons.			
<b>FLINTSHIRE:</b>			
Mostyn, <i>Mostyn</i> - - -	Mostyn Coal and Iron Co., Ltd. - - -	3	3
The make of pig iron, and the quantity of iron ore and coal used are included in the figures for Denbighshire.			

Blast Furnaces—*continued.*

Name and Situation of Furnaces.	Owner.	Blast Furnaces.	
		Number.	In Blast.
<b>GLAMORGANSHIRE—Bituminous Coal</b>			
<i>Furnaces:</i>			
Amman, <i>Brynamman</i> - - -	Amman Iron Co. - - -	3	2½
Abernant and Taff Vale, <i>Aberdare</i> - - -	The Aberdare and Plymouth Co., Ltd. - - -	2	—
Briton Ferry - - -	George Henry Davey - - -	2	1
Crane, <i>Yniscledwyn</i> - - -	Crane Iron, Steel, and Coal Co., Ltd. - - -	2	—
Cwm Avon, <i>Port Talbot</i> - - -	Cwm Avon Works Proprietors - - -	2	1
Cyfarthfa, <i>Merthyr Tydfil</i> - - -	Crawshay Brothers - - -	7	1
Dowlais, <i>Dowlais</i> - - -	Dowlais Iron Co. - - -	18	9½
Forest Iron and Steel, <i>Pontypridd</i> - - -	Forest Iron and Steel Co., Ltd. - - -	3	2
Gadly's, <i>Aberdare</i> - - -	Wayne's Merthyr Co., Ltd. - - -	4	—
Llwydcoed, <i>Aberdare</i> - - -	The Aberdare and Plymouth Co., Ltd. - - -	3	—
Llynvi, <i>Maesteg</i> - - -	Llynvi and Tondy Co., Ltd. - - -	6	1
Pentyrch, <i>Cardiff</i> - - -	Cardiff Iron and Tinplate Co., Ltd. - - -	3	1
Merthyr, <i>Hirwain</i> - - -	Stuart Iron, Steel, and Tin Plate Co., Ltd. - - -	4	—
Penydarren, <i>Cardiff</i> - - -	The Aberdare and Plymouth Co., Ltd. - - -	7	—
Plymouth, <i>Merthyr</i> - - -	Ditto ditto - - -	10	—
Pyle, <i>Cefn, Bridgend</i> - - -	Pyle Works, Ltd. - - -	2	1
Tondy, <i>Bridgend</i> - - -	Llynvi and Tondy Co., Ltd. - - -	2	2
Ystalyfera, <i>Swansea</i> - - -	Ystalyfera Iron Co. - - -	9	2
Totals - - -	- - -	89	24
Total make of pig iron, 378,275 tons. Total iron ore used, 713,675 tons. Total coal used (including coal converted into coke), 773,164 tons.			
<b>GLOUCESTERSHIRE:</b>			
Cinderford, <i>Newham</i> - - -	Henry Crawshay & Co. - - -	3	1
Great Western, <i>Soudley</i> - - -	George Benton - - -	2	—
Park End, <i>Lydney</i> - - -	Henry Crawshay & Sons - - -	3	—
Totals - - -	- - -	8	1
The make of pig iron and the quantity of iron ore and coal used are included in the figures for Wiltshire.			
<b>HAMPSHIRE:</b>			
Warsash, <i>Titchfield</i> - - -	Harrison, Ainslie, & Co. - - -	1	—
<b>LANCASHIRE:</b>			
Askam, <i>Askam-in-Furness</i> - - -	The Askam and Mouzell Iron Co., Ltd. - - -	4	3
Backbarrow, <i>Ulverston</i> - - -	Harrison, Ainslie, & Co. - - -	1	1
Barrow Iron and Steel - - -	Barrow Hæmatite Steel Co., Ltd. - - -	14	11
Carnforth, <i>Carnforth</i> - - -	Carnforth Hæmatite Iron Co., Ltd. - - -	6	2
Darwen, <i>Darwen</i> - - -	Darwen Iron Co., Ltd. - - -	2	2
Ditton Brook, <i>Widnes</i> - - -	John T. Brunner - - -	6	—
Kirkless Hall, <i>Wigan</i> - - -	Wigan Coal and Iron Co., Ltd. - - -	10	5
Newland, <i>Ulverston</i> - - -	Harrison, Ainslie, & Co. - - -	1	1
North Lonsdale, <i>Ulverston</i> - - -	North Lonsdale Iron and Steel Co., Ltd. - - -	4	3
Outwood, <i>Stoneclough, Manchester</i> - - -	Outwood Iron Co., Ltd. - - -	1	1
Totals - - -	- - -	49	29
Total make of pig iron, 715,328 tons. Total iron ore used, 1,326,775 tons. Total coal used (including coal converted into coke), 1,191,696 tons.			
<b>LEICESTERSHIRE:</b>			
Holwell, <i>Melton Mowbray</i> (one building) - - -	Holwell Iron Co., Ltd. - - -	2	2
The make of pig iron and the quantity of iron ore and coal used are included in the figures for Lincolnshire.			
<b>LINCOLNSHIRE:</b>			
Appleby, <i>Frodingham</i> - - -	Appleby Iron Co., Ltd. - - -	3	2
Frodingham, <i>Brigg</i> - - -	Frodingham Iron Co. - - -	4	3½
Lindsey, <i>Frodingham</i> - - -	Redbourn Hill Iron and Coal Co., Ltd. - - -	2	2
North Lincolnshire, <i>Frodingham</i> - - -	North Lincolnshire Iron Co., Ltd. - - -	4	2½
Redbourn Hill, <i>Frodingham</i> - - -	Redbourn Hill Iron and Coal Co., Ltd. - - -	2	2
Trent, <i>Scunthorpe</i> - - -	William Henry Daves - - -	6	4
Totals - - -	- - -	21	16
Total make of pig iron, including Leicestershire, 259,398 tons. Total iron ore used, 900,491 tons. Total coal used (including coal converted into coke), 544,702 tons.			

Blast Furnaces—*continued.*

Name and Situation of Furnaces.	Owner.	Blast Furnaces.	
		Number.	In Blast.
<b>MONMOUTHSHIRE :</b>			
Abersychan, <i>Newport</i> - - -	Ebbw Vale Steel, Iron, and Coal Co., Ltd. -	6	—
Blaenavon, <i>Newport</i> - - -	Blaenavon Co., Ltd. - - -	9	6
Blaina, <i>Newport</i> - - -	Blaina Furnaces Co., Ltd. - - -	3	2
Cwmbran, <i>Newport</i> - - -	Patent Iron and Bolt Co. - - -	2	1
Ebbw Vale, <i>Newport</i> - - -	Ebbw Vale Steel, Iron, and Coal Co., Ltd. -	4	4
Pontypool, <i>Newport</i> - - -	Ebbw Vale Steel, Iron, and Coal Co., Ltd. -	2	1
Rhymney, <i>Newport</i> - - -	Rhymney Iron Co., Ltd. - - -	9	5
Tredegar, <i>Newport</i> - - -	Tredegar Iron and Coal Co., Ltd. - - -	7	4
Victoria, <i>Newport</i> - - -	Ebbw Vale Steel, Iron, and Coal Co., Ltd. -	3	2
Totals - - - - -	- - - - -	45	25
Total make of pig iron, 473,116 tons. Total iron ore used, 842,944 tons. Total coal used (including coal converted into coke), 999,079 tons.			
<b>NORTHAMPTONSHIRE :</b>			
Cransley, <i>Kettering</i> - - -	Cransley Iron Co., Ltd. - - -	3	1
Heyford, <i>Weedon</i> - - -	Heyford Iron Co., Ltd. - - -	3	2
Finedon, <i>Wellingborough</i> - - -	Glendon Iron Company - - -	6	4
Hunsbury Hill, <i>Northampton</i> - - -	Hunsbury Hill Coal and Iron Co., Ltd. - -	2	2
Irthlingborough, <i>Wellingborough</i> - - -	Thomas Butlin & Co. - - -	4	1½
Islip, <i>Thrapston</i> - - -	Islip Iron Co. - - -	4	3
Kettering, <i>Kettering</i> - - -	Kettering Iron and Coal Co., Ltd. - - -	2	2
Stowe, <i>Weedon</i> - - -	William Lees McClure - - -	2	—
Towcester, <i>Towcester</i> - - -	Easton Estate Mining Co. - - -	2	—
Totals - - - - -	- - - - -	28	15½
Total make of pig iron, 196,212 tons. Total iron ore used, 545,867 tons. Total coal used (including coal converted into coke), 505,129 tons.			
<b>NORTHUMBERLAND :</b>			
Elswick, <i>Newcastle-upon-Tyne</i> - - -	Sir W. G. Armstrong, Mitchell, & Co., Ltd. -	3	2
Walker, <i>Walker-upon-Tyne</i> - - -	Bell Brothers, Ltd. - - -	2	—
Royal Greek, <i>Wallsend-on-Tyne</i> - - -	Credit Général Ottoman, Constantinople -	2	—
Totals - - - - -	- - - - -	7	2
The make of pig iron, and the quantity of iron ore and coal used, are included in the figures for Durham.			
<b>NOTTINGHAMSHIRE :</b>			
Awsorth, <i>Ilkeston</i> - - -	Awsorth Iron Company - - -	3	3
Bestwood, <i>Nottingham</i> - - -	Bestwood Coal and Iron Co., Ltd. - - -	2	2
Totals - - - - -	- - - - -	5	5
Total make of pig iron, 78,175 tons. Total iron ore used, 223,041 tons. Total coal used (including coal converted into coke), 184,477 tons.			
<b>SHROPSHIRE :</b>			
Dawley Castle, <i>Coalbrookdale</i> - - -	Coalbrookdale Iron Co., Ltd. - - -	2	—
Light Moor, <i>Coalbrookdale</i> - - -	Ditto ditto. - - -	2	—
Lodge Wood, <i>Shifnal</i> - - -	Lilleshall Co., Ltd. - - -	5	1
Madeley Court, <i>Ironbridge</i> - - -	William Orme Foster - - -	3	1
Old Park, <i>Dawley</i> - - -	A. C. Cure - - -	3	—
Erior's Lee, <i>Shifnal</i> - - -	Lilleshall Co., Ltd. - - -	4	3
Madeley Wood, <i>Ironbridge</i> - - -	Madeley Wood Co. - - -	3	1½
Totals - - - - -	- - - - -	22	6½
Total make of pig iron, 53,224 tons. Total iron ore used, 130,763 tons. Total coal used (including coal converted into coke), 140,627 tons.			

Blast Furnaces—*continued.*

Name and Situation of Furnaces.	Owner.	Blast Furnaces.	
		Number.	In Blast.
<b>SOMERSETSHIRE:</b>			
Ashton Vale, Bedminster, <i>Bristol</i>	Ashton Vale Iron Co., Ltd.	1	0
<b>STAFFORDSHIRE, NORTH:</b>			
Apedale, <i>Newcastle</i>	Stanier & Co.	6	3
Biddulph Valley, <i>Stoke-on-Trent</i>	Robert Heath and Sons	4	2½
Chatterley, <i>Tunstall</i>	Chatterley Iron Co., Limited	3	2
Clough Hall, <i>Kidsgrave</i>	Kinnersley & Co.	4	3
Goldendale, <i>Stoke-on-Trent</i>	Williamson Brothers	4	2
Great Fenton, <i>Stoke-on-Trent</i>	Stafford Coal and Iron Co., Ltd.	2	2
Lane End, <i>Longton</i>	Balfour & Co.	2	—
Longton Hall, <i>Longton</i>	James and Alfred Glover	3	2
Norton, <i>Stoke-on-Trent</i>	Robert Heath and Sons	4	2½
Shelton, <i>Hanley</i>	Earl Granville	6	4
Silverdale, <i>Newcastle</i>	The Butterley Co.	1	—½
Totals		39	23½
Total make of pig iron, 296,256 tons. Total iron ore used, 567,014 tons. Total coal used (including coal converted into coke), 574,591 tons.			
<b>STAFFORDSHIRE, SOUTH:</b>			
Broadwaters, <i>Wednesbury</i>	Samuel Groucutt and Sons	3	1
Barbor's Field, <i>Bilston</i>	Barbor's Field Co.	2	2
Brades Hall, <i>Tipton</i> (production estimated).	J. and S. Roberts	2	1
Bovereux, <i>Bilston</i>	Tame Iron Co.	2	—
Capponfield, <i>Bilston</i> (production estimated).	T. and I. Bradley	3	1
Castle, <i>Walsall</i>	Castle Coal and Iron Co., Ltd.	2	—
Coneygre, <i>Dudley Port, Tipton</i>	The Earl of Dudley	3	—
Corngreaves, near <i>Birmingham</i>	New British Iron Co., Ltd.	6	3
Coseley Moor, <i>Tipton</i>	Thomas Turley and Sons	2	1
Crookhay, <i>West Bromwich</i>	H. O. Firmstone	4	—
Darlaston Green, <i>Wednesbury</i>	T. and I. Bradley and Sons	2	1
Deepfields, <i>Bilston</i>	Deepfields Iron Co.	3	—
Green Lane, <i>Walsall</i>	Jones Brothers	2	—
Groveland, <i>Smethwick</i>	Unoccupied	1	—
Hange, <i>Tividale, Tipton</i>	Round Brothers	2	1
Herberts Park, <i>Bilston</i>	David Jones and Sons	1	—
Hatherton, <i>Bloxwich, Walsall</i>	George and Richard Thomas	2	1
Horseley, <i>Tipton</i>	John Colbourn, Sons, & Co.	2	—
Horseley Fields, <i>Wolverhampton</i>	Osier Bed Iron Co.	3	—
Millfields, <i>Bilston</i>	W. and J. S. Sparrow & Co.	3	1
Moxley, <i>Wednesbury</i>	David Rose and Sons	2	—
New Level, <i>Brierley Hill</i>	Earl of Dudley	5	1½
Old Hill, near <i>Dudley</i>	N. Hingley and Sons	2	1
Old Level, <i>Brierley Hill</i>	James Holcroft	2	1
Old Park, <i>Wednesbury</i>	Patent Shaft and Axletree Co., Ltd.	3	—
Parkfield, <i>Wolverhampton</i>	Unoccupied	5	—
Pelsall, <i>Walsall</i>	Pelsall Coal and Iron Co., Ltd.	2	—
Priestfields, New, <i>Willenhall</i>	William Ward and Sons	2	—
Prior's Field, <i>Bilston</i>	H. B. Whitehouse and Son	3	2
Spring Vale, <i>Bilston</i>	Alfred Hickman	5	4
Tipton Green, <i>Tipton</i>	Roberts & Co.	4	3
Union, <i>West Bromwich</i> (production estimated).	Stour Valley Coal and Iron Co., Ltd.	3	1
Wednesbury Oak, <i>Tipton</i>	Philip Williams and Sons	2	1
Willingsworth, <i>Wednesbury</i>	David Kendrick	2	1
Totals		92	28½
Total make of pig iron, 279,737 tons. Total iron ore used, 640,000 tons. Total coal used (including coal converted into coke), 617,636 tons.			

Blast Furnaces—*continued.*

Name and Situation of Furnaces.	Owner.	Blast Furnaces.	
		Number.	In Blast.
<b>WILTSHIRE:</b>			
Seend, <i>Melksham</i> - - - -	Richard Berridge - - - -	3	—
Westbury, <i>Westbury</i> - - - -	Westbury Iron Co., Ltd. - - - -	3	1
Totals - - - -	- - - -	6	1
Total make of pig iron, including Gloucestershire, 23,987 tons. Total iron ore used 69,034 tons. Total coal used (including coal converted into coke), 51,330 tons.			
<b>WORCESTERSHIRE:</b>			
Buffery, <i>Dudley</i> - - - -	J. and G. Dunn - - - -	1	—
Corbyns Hall, <i>Dudley</i> - - - -	William Matthews & Co., Ltd. - - - -	3	—
Corbyns Hall, <i>New, Pensnett, Dudley</i> -	J. S. Gibbons - - - -	4	—
Lays, <i>Dudley</i> - - - -	W. and G. Firmstone - - - -	3	1
Netherton, <i>Dudley</i> - - - -	M. and W. Grazebrook - - - -	2	1
Netherton, <i>Dudley</i> - - - -	Joseph H. Pearson - - - -	2	2
Parkhead, <i>Dudley</i> - - - -	Unoccupied - - - -	2	—
Shut End, <i>Dudley</i> - - - -	John Bradley & Co. - - - -	4	1
Windmill End, <i>Dudley</i> - - - -	Joseph H. Pearson - - - -	3	1
Woodside, <i>Dudley</i> - - - -	Cochrane & Co. - - - -	3	2
Totals - - - -	- - - -	27	8
Total make of pig iron, 77,136 tons. Total iron ore used, 180,000 tons. Total coal used (including coal converted into coke), 193,300 tons.			
<b>YORKSHIRE—NORTH RIDING, or Cleveland District:</b>			
Acklam, <i>Middlesbrough</i> - - - -	Stevenson, Jaques, & Co. - - - -	4	3
Ayresome, <i>Middlesbrough</i> - - - -	Gjers, Mills, & Co. - - - -	4	3
Cargo Fleet, <i>Middlesbrough</i> - - - -	Cargo Fleet Iron Co., Ltd. - - - -	5	4
Clay Lane, <i>Easton Junction</i> - - - -	Clay Lane Iron Co., Ltd. - - - -	6	5½
Cleveland, <i>South Bank, Middlesbrough</i>	Bolckow, Vaughan, & Co., Ltd. - - - -	8	8
Coutham, <i>Middlesbrough</i> - - - -	Downey & Co. - - - -	2	2
Easton Steel, <i>South Bank, Middlesbrough</i>	Bolekow, Vaughan, & Co., Ltd. - - - -	3	3
Ghaisdale, <i>Yarm</i> - - - -	South Cleveland Iron Works Co., Ltd. - - - -	4	—
Grosmont, <i>Whitby</i> - - - -	Charles and Thomas Bagnall, Junr. - - - -	3	2
Lackenby, <i>Middlesbrough</i> - - - -	Downey & Co. - - - -	3	2½
Linthorpe, <i>Middlesbrough</i> - - - -	Edward Williams - - - -	6	4
Middlesbrough, <i>Middlesbrough</i> - - - -	Bolekow, Vaughan, & Co., Ltd. - - - -	2	2
Newport, <i>Middlesbrough</i> - - - -	B. Samuelson & Co. - - - -	8	6
Normanby, <i>Middlesbrough</i> - - - -	Jones, Dunning, & Co. - - - -	3	3
Ormesby, <i>Middlesbrough</i> - - - -	Cochrane & Co. - - - -	5	4
Redcar, <i>Middlesbrough</i> - - - -	Walker, Maynard, & Co. - - - -	4	3½
Skinningrove, <i>Curlin How</i> - - - -	Skinningrove Iron Co., Ltd. - - - -	2	2
South Bank, <i>Middlesbrough</i> - - - -	Bolckow, Vaughan, & Co., Ltd. - - - -	8	6
Tees, <i>Middlesbrough</i> - - - -	Wilsons, Pease, & Co. - - - -	5	4½
Tees Side, <i>Middlesbrough</i> - - - -	Tees Side Iron and Engine Works Co., Ltd. - - - -	4	2½
Thornaby, <i>Stockton-on-Tees</i> - - - -	William Whitwell & Co. - - - -	3	2
Totals - - - -	- - - -	92	71½
Total make of pig iron, 1,725,823 tons. Total iron ore used, 5,189,074 tons. Total coal used (including coal converted into coke), 3,521,699 tons.			
<b>YORKSHIRE—WEST RIDING:</b>			
Atlas, <i>Sheffield</i> - - - -	John Brown & Co., Ltd. - - - -	3	2
Aireside, <i>Hunslet, Leeds</i> - - - -	Aireside Hæmatite Iron Co. - - - -	3	1½
Bowling, <i>Bradford</i> - - - -	Bowling Iron Co., Ltd. - - - -	6	2
Charlton, <i>Sheffield</i> - - - -	Company in Liquidation - - - -	2	—
Elsccar, <i>Barnsley</i> - - - -	George Dawes - - - -	4	—
Farnley, <i>Leeds</i> - - - -	Farnley Iron Co., Ltd. - - - -	2	1
Hepworth Hazlehead, <i>Sheffield</i> - - - -	Hepworth Iron Co. - - - -	2	—
Low Moor, <i>Bradford</i> - - - -	Hird, Dawson, and Hardy - - - -	8	4
Milton, <i>Barnsley</i> - - - -	George Dawes - - - -	2	—
Parkgate, <i>Rotherham</i> - - - -	Park Gate Iron Co., Ltd. - - - -	5	5
Thorncliffe, <i>Sheffield</i> - - - -	Newton, Chambers, & Co., Ltd. - - - -	2	2
Tinsley, <i>Sheffield</i> - - - -	William Cooke & Co., Ltd. - - - -	2	1
West Yorkshire, <i>Ardsley</i> - - - -	West Yorkshire Iron and Coal Co., Ltd. - - - -	5	3
York Road, <i>Leeds</i> - - - -	York Road Iron and Coal Co., Ltd. - - - -	2	1
Totals - - - -	- - - -	48	22½
Total make of pig iron, 248,313 tons. Total iron ore used, 689,790 tons. Total coal used (including coal converted into coke), 613,683 tons.			

## Blast Furnaces—continued.

Name and Situation of Furnaces.	Owner.	Blast Furnaces.	
		Number.	In Blast.
<b>SCOTLAND:</b>			
<b>AYRSHIRE:</b>			
Ardeer, <i>Stevenston</i> - - -	Merry and Cunninghame - - -	5	2½
Dalmellington, <i>Glasgow</i> - - -	Dalmellington Iron Co. - - -	8	4
Eglinton, <i>Glasgow</i> - - -	Eglinton Iron Co. - - -	7	3
Glengarnock, <i>Kilbirnie</i> - - -	Merry and Cunninghame - - -	7	3
Lugar, <i>Cumnock, Glasgow</i> - - -	Eglinton Iron Co. - - -	5	5
Muirkirk, <i>Glasgow</i> - - -	Ditto - - -	3	3
Portland, <i>Glasgow</i> - - -	Ditto - - -	4	2½
Totals - - -	- - -	39	23
Total make of pig iron, 292,287 tons. Total iron ore used, 777,471 tons. Total coal used (including coal converted into coke), 593,969 tons.			
<b>FIFESHIRE:</b>			
Lochgelly, <i>Lochgelly</i> - - -	Lochgelly Iron and Coal Co., Ltd. - - -	4	—
Lumphinnans, <i>Cowdenbeath</i> - - -	Lumphinnans Iron Co. - - -	2	½
Totals - - -	- - -	6	½
Total make of pig iron in Fife, Linlithgow, and Stirling, 41,975 tons. Total iron ore used, 95,888 tons. Total coal used (including coal converted into coke), 107,290 tons.			
<b>LANARKSHIRE:</b>			
Calder, <i>Glasgow</i> - - -	William Dixon, Ltd. - - -	5	5
Calder Bank, <i>Airdrie</i> - - -	Monkland Iron Co., Ltd. - - -	6	4
Carnbroe, <i>Coatbridge</i> - - -	Merry and Cunninghame - - -	5	3½
Castle Hill, <i>Carluke</i> - - -	Shotts Iron Co. - - -	3	2
Chapel Hill, <i>Airdrie</i> - - -	Monkland Iron Co., Ltd. - - -	3	2
Clyde, <i>Tolcross, Glasgow</i> - - -	James Dunlop & Co. - - -	4	4
Coltness, <i>Newmains</i> - - -	Coltness Iron Co., Ltd. - - -	12	10½
Gartsherrie, <i>Coatbridge</i> - - -	William Baird & Co. - - -	14	11
Govan, <i>Glasgow</i> - - -	William Dixon, Ltd. - - -	6	5½
Langloan, <i>Coatbridge</i> - - -	Robert Addie & Sons - - -	7	5
Quarter, <i>Hamilton</i> - - -	Colin Dunlop & Co. - - -	5	5
Shotts, <i>Glasgow</i> - - -	Shotts Iron Co. - - -	5	5
Summerlee, <i>Coatbridge</i> - - -	Summerlee Iron Co. - - -	8	6
Wishaw, <i>Glasgow</i> - - -	Glasgow Iron Co. - - -	3	2
Totals - - -	- - -	86	70½
Total make of pig iron, 653,738 tons. Total iron ore used, 1,437,540 tons. Total coal used (including coal converted into coke), 1,469,668 tons.			
<b>LINLITHGOWSHIRE:</b>			
Almond, <i>Causewayend</i> - - -	James, Russell, & Son - - -	3	—
Kinneil, <i>Bo'ness</i> - - -	Kinneil Iron and Coal Co., Ltd. - - -	4	2
Bridgeness, <i>Bo'ness</i> - - -	Henry Cadell - - -	2	—
Totals - - -	- - -	9	2
<b>STIRLINGSHIRE:</b>			
Carron, <i>Falkirk</i> - - -	Carron Iron Co. - - -	4	2
<b>Totals, Scotland</b> - - -			
		144	98
Total make of pig iron in Scotland, 988,000 tons. Total iron ore used, 2,310,899 tons. Total coal used (including coal converted into coke), 2,170,927 tons.			

## SUMMARY of the PRODUCTION of PIG IRON in GREAT BRITAIN, and IRON ORE and COAL used, including COAL converted into COKE.

COUNTIES.	Number of Works in Operation.	Number of Blast Furnaces.	Furnaces in Blast.	Pig Iron made.	Iron Ore used.	Coal used.
ENGLAND AND WALES :						
				Tons.	Tons.	Tons.
Cumberland - - - - -	13	55	32½	845,792	1,484,437	1,546,127
Denbighshire (including production of Flintshire).	1	7	1	34,486	81,664	121,827
Derbyshire - - - - -	10	54	32½	359,338	979,270	832,161
Durham (including production of Northumberland).	9	63	28½	779,131	2,012,767	1,495,645
Flintshire - - - - -	1	3	3	—	—	—
Glamorganshire - - - - -	11	89	24	378,275	713,075	773,164
Gloucestershire, <i>see</i> Wiltshire - - - - -	1	8	1	—	—	—
Hampshire - - - - -	—	1	—	—	—	—
Lancashire - - - - -	9	49	29	715,328	1,326,775	1,191,696
Leicestershire - - - - -	1	2	2	—	—	—
Lincolnshire - - - - -	6	21	16	259,398	900,491	544,702
Monmouthshire - - - - -	8	45	25	473,116	842,944	999,079
Northamptonshire - - - - -	7	28	15½	196,212	545,887	505,129
Northumberland, <i>see</i> Durham - - - - -	1	7	2	—	—	—
Nottinghamshire - - - - -	2	5	5	78,175	223,041	184,477
Shropshire - - - - -	4	22	6½	53,224	130,763	140,627
Somersetshire - - - - -	—	1	—	—	—	—
Staffordshire, North - - - - -	10	39	23½	296,256	567,014	574,591
Staffordshire, South - - - - -	19	92	28½	279,737	640,000	617,636
Wiltshire (including production of Gloucestershire).	1	6	1	23,987	69,034	51,330
Worcestershire - - - - -	6	27	8	77,136	180,000	193,300
Yorkshire, North Riding - - - - -	20	92	71½	1,725,823	5,189,074	3,521,699
Yorkshire, West Riding - - - - -	10	48	22½	248,313	689,790	613,633
TOTALS, ENGLAND AND WALES - - - - -	150	764	377½	6,823,727	16,576,606	13,906,873
SCOTLAND :						
Ayrshire - - - - -	7	39	23	292,287	777,471	593,969
Fife (including production of Linlithgow and Stirling).	1	6	½	41,975	95,888	107,290
Lanarkshire - - - - -	14	86	70½	653,738	1,437,540	1,469,668
Linlithgowshire - - - - -	1	9	2	—	—	—
Stirlingshire - - - - -	1	4	2	—	—	—
TOTALS, SCOTLAND - - - - -	24	144	98	988,000	2,310,899	2,170,927
TOTAL PRODUCTION IN GREAT BRITAIN - - - - -	174	908	475½	7,811,727	18,887,505	16,077,800

## SUMMARY of PIG IRON MADE in GREAT BRITAIN and of IRON ORE and COAL used (including COAL converted into COKE) in 1884 and the previous year.

Year.	Pig Iron made.	Iron Ore used.	Coal used.
1883 - - - - -	Tons. 8,529,300	Tons. 21,013,275	Tons. 17,775,000
1884 - - - - -	7,811,727	18,887,505	16,077,800

QUANTITIES and VARIETIES of PIG IRON made in GREAT BRITAIN for the THREE YEARS  
ENDING 1884.

Year.	Ordinary Pig.	Hematite Pig.	Spiegeleisen.	Total.
1882	Tons. 4,943,488	Tons. 3,425,000	Tons. 218,192	Tons. 8,586,680
1883	5,062,800	3,287,000	179,500	8,529,300
1884	5,222,745	2,362,697	226,285	7,811,727

AVERAGE PRICE of PIG IRON at the WORKS, for each MONTH of the Year 1884. (From  
"The Iron and Coal Trades Review.")

Month.	Cleveland, No. 3. f.o.b. Tees.	North Staffordshire, Mine No. 1.	South Staffordshire, Mine No. 1.	West Coast, Bessemer No. 1.	Scotch, Pig, average monthly price in Glasgow from Messrs. Watson and Co.'s Circulars.
January	£ s. d. 1 16 6	£ s. d. 2 14 3	£ s. d. 3 5 0	£ s. d. 2 7 6	£ s. d. 2 3 5
February	1 16 10	2 13 9	3 5 0	2 8 9	2 2 8
March	1 17 2	2 13 9	3 5 0	2 8 0	2 2 6
April	1 17 0	2 13 3	3 5 0	2 7 6	2 2 3
May	1 16 9	2 13 9	3 5 0	2 7 3	2 1 6
June	1 17 0	2 13 9	3 5 0	2 6 5	2 1 3
July	1 17 0	2 13 9	3 2 0	2 6 4	2 1 4
August	1 16 6	2 13 9	3 1 3	2 6 0	2 1 6
September	1 16 5	2 13 9	3 1 3	2 5 6	2 1 7
October	1 16 5	2 13 9	3 1 3	2 5 0	2 1 11
November	1 16 3	2 13 9	3 1 3	2 5 4	2 3 5
December	1 16 0	2 13 9	3 1 3	2 5 6	2 2 6
Highest prices for the year	1 17 3	3 0 0	3 7 6	2 9 6	2 3 5
Lowest: „ „ „	1 15 6	2 7 6	3 0 0	2 4 3	2 1 3
Average prices for the year	1 16 8	2 13 9	3 3 2	2 6 10	2 2 2

EXPORTS of IRON and STEEL in the Year 1884 and the previous Year. (Return by Board of Customs.)

Iron and Steel.	1883.		1884.	
	Quantity.	Value.	Quantity.	Value.
<b>IRON:</b>	Tons.	£	Tons.	£
Pig	1,564,048	4,077,456	1,269,576	2,945,223
Bar, angle, bolt, and rod	288,271	2,034,667	296,489	1,942,294
Railroad	971,165	6,014,264	728,540	4,142,063
Wire (except telegraph wire)	62,620	926,797	52,968	692,607
Tinplates and sheets	269,375	4,705,403	288,614	4,746,923
Cast and wrought	355,842	4,616,660	376,367	4,580,671
Hoops, sheets, and boiler plates	347,782	3,899,774	348,298	3,693,001
Old, for re-manufacture	97,475	337,995	68,141	223,422
<b>STEEL:</b>				
Unwrought	73,131	1,396,556	56,934	1,127,481
Steel and iron combined	13,599	580,644	11,064	402,380
<b>Totals</b>	<b>4,043,308</b>	<b>28,590,216</b>	<b>3,406,991</b>	<b>24,496,065</b>

DISTRIBUTION of the EXPORTS of the following DESCRIPTIONS of IRON. (Return by Board of Customs.)

Principal Countries.	Pig.	Bar, Angle, Bolt and Rod.	Railroad of all kinds.	Hoops, Sheets, and Boiler Plates.
	Tons.	Tons.	Tons.	Tons.
Australasia	23,170	44,965	125,420	72,448
Belgium	56,728	165	54	202
Brazil	1,095	6,089	38,699	4,475
British East Indies	6,175	63,114	161,341	52,134
British North America	38,255	25,775	60,087	14,651
British Possessions in South Africa	140	2,016	11,283	7,144
Chili	1,375	9,705	16,517	7,985
Denmark	16,932	1,872	934	4,039
Egypt	430	3,349	11,648	4,076
France	107,035	702	3,468	5,394
Germany	313,352	5,805	529	12,497
Holland	197,263	4,441	27	12,426
Italy	65,335	17,662	9,414	18,749
Mexico	210	888	4,314	1,037
Peru	437	1,270	6,632	1,186
Russia	161,610	3,030	14,188	16,593
Spain and Canaries	35,130	1,256	14,919	6,046
Sweden and Norway	33,701	9,772	26,825	9,072
Turkey	1,641	15,135	1,554	4,883
United States	157,010	4,275	17,825	21,370
Other Countries	52,552	75,203	202,862	71,891
<b>Totals</b>	<b>1,269,576</b>	<b>296,489</b>	<b>728,540</b>	<b>348,298</b>

**Iron—Mills and Forges.**  
MILLS and FORGES in OPERATION in GREAT BRITAIN.

Name and Situation of Works.	Owner.	Puddling Furnaces.	Rolling Mills.
		No.	No.
<b>ENGLAND AND WALES:</b>			
<b>BRECKNOCKSHIRE:</b>			
Coedcae, Abordare - - - -	Stuart Iron, Steel, and Tin-plate Co., Ltd.	—	—
<b>CHESHIRE:</b>			
Crewe, Crewe - - - -	London and North-Western Railway Co.	—	8
Wheelock, Sandbach - - - -	Wheelock Iron and Salt Co., Ltd.	21	3
Totals - - - -		21	11
<b>CUMBERLAND:</b>			
Derwent Rolling Mills, Workington -	Kirk Brothers & Co. - - - -	7	1
Ellen Rolling Mills, Maryport - -	Ditto - - - -	—	—
Marsh Side, Workington - - - -	Ditto - - - -	10	1
New Yard, Workington - - - -	Ditto - - - -	13	2
West Cumberland, Workington - -	West Cumberland Iron and Steel Co., Ltd.	—	3
Totals - - - -		30	7
<b>DENBIGHSHIRE:</b>			
Broughton Hall, Wrexham - - - -	Broughton Hall Iron Co. - - - -	6	2
Pontysyllte, Ruabon - - - -	Unoccupied - - - -	—	—
Ruabon, Ruabon - - - -	New British Iron Co., Ltd. - - - -	15	3
Stansty, Wrexham - - - -	George Hartshorne - - - -	—	—
Totals - - - -		21	5
<b>DERBYSHIRE:</b>			
Butterley, Alfreton - - - -	The Butterley Co. - - - -	24	6
Sheepbridge, Chesterfield - - - -	Sheepbridge Coal and Iron Co., Ltd. -	12	3
Victoria and Railway, Derby - - -	Eastwood, Swingler, & Co. - - - -	35	4
Whittington, Chesterfield - - - -	Thomas Firth and Sons, Ltd. - - - -	5	1
Totals - - - -		76	14
<b>DURHAM:</b>			
Albert Hill, Darlington - - - -	Darlington Steel and Iron Co., Ltd. -	—	4
Auckland, Bishop Auckland - - - -	Bishop Auckland Iron and Steel Co., Ltd.	—	—
Blaydon, Blaydon-on-Tyne - - - -	John Raine - - - -	—	1
Bowesfield (20 double, reckoned as 40, and 7 single), Stockton-on-Tees.	Bowesfield Iron Co., Ltd. - - - -	47	3
Carlton, ditto - - - -	Carlton Iron Co., Ltd. - - - -	—	—
Carr House, West Hartlepool - - - -	Unoccupied - - - -	—	—
Consett, Blackhill, Durham - - - -	Consett Iron Co., Ltd. - - - -	110	7
Gateshead, Gateshead - - - -	G. & E. Crawshay - - - -	47	4
Hartlepool, Hartlepool - - - -	Hartlepool Rolling Mills Co., Ltd. -	20	2
Hive, East Jarrow - - - -	John Elliot and Sons - - - -	—	—
Jarrow, Jarrow-on-Tyne - - - -	Palmer's Shipbuilding and Iron Co., Ltd.	44	7
Monkwearmouth, Sunderland - - - -	Samuel Tyzack & Co. - - - -	16	3
Moor, Stockton-on-Tees - - - -	Owners of Moor Iron Works - - - -	75	5
Park, Gateshead - - - -	John Abbott & Co., Ltd. - - - -	21	4
Richmond, Stockton-on-Tees - - - -	Richmond Ironworks Co. - - - -	—	—
Rise Carr Rolling Mills, Darlington -	Fry, Janson, & Co. - - - -	22	3
Skerne, Darlington - - - -	Skerne Iron Works Co., Ltd. - - - -	—	—
South Hylton, South Hylton - - - -	South Hylton Iron and Steel Co., Ltd. <i>In Liquidation.</i>	8	2
Spennymoor, Spennymoor - - - -	M. Coulson and Co. - - - -	12	2
Springfield, Darlington - - - -	Darlington Iron Co., Ltd. - - - -	—	—
Stockton, Stockton-on-Tees - - - -	Stockton Malleable Iron Co., Ltd. -	50	4
Stranton, West Hartlepool - - - -	Unoccupied - - - -	—	—
Tudhoe, Spennymoor - - - -	Weardale Iron and Coal Co., Ltd. -	36	5
West Stockton, Stockton-on-Tees - -	Owners of West Stockton Ironworks -	50	4
West Hartlepool, West Hartlepool - -	The Owners of West Hartlepool Iron Works.	73	5
Witton Park, Stockton-on-Tees - - -	Bolckow, Vaughan, & Co., Ltd. - -	—	—
Totals - - - -		631	65

Mills and Forges—*continued.*

Name and Situation of Works.	Owner.	Puddling Furnaces.	Rolling Mills.
<b>GLAMORGANSHIRE:</b>		No.	No.
Aberaman, Aberdare - - - -	Powell Duffryn Steam Coal Co. - - - -	—	—
Abernant Taff Vale and Llywydcoed, Aberdare	Aberdare Iron Co. - - - -	—	—
Amman, Llanelly - - - -	Amman Iron Co. - - - -	11	1
Briton Ferry, Briton Ferry - - - -	George Henry Davey - - - -	30	2
Clydach, Abergavenny - - - -	Brynmawr Coal and Iron Co., Ltd. - - - -	—	—
College, Cardiff - - - -	Ely Tinsplate Co. - - - -	14	1
Cyfarthfa Iron and Steel, Merthyr Tydfil - - - -	Crawshay Brothers - - - -	17	4
Dowlais, Merthyr Tydfil - - - -	Dowlais Iron Co. - - - -	50	13
Gadlys, Aberdare - - - -	Waynes Merthyr Co., Ltd. - - - -	—	—
Jersey, Port Talbot - - - -	Byass, Daniel, & Co. - - - -	—	—
Landore Steel, Landore - - - -	Landore Siemens Steel Co., Ltd. - - - -	—	5
Llynvi, Bridgend - - - -	Llynvi and Tondy Co., Ltd. - - - -	34	4
Pentyrch, Cardiff - - - -	Cardiff Iron and Tinsplate Co., Ltd. - - - -	13	4
Penydarran, ditto - - - -	The Aberdare and Plymouth Co., Ltd. - - - -	—	—
Plymouth, Merthyr Tydfil - - - -	Ditto ditto - - - -	—	—
Pontardawe, Swansea - - - -	William Gilbertson & Co. - - - -	4	7
Tondy (Bridgend), Tondy - - - -	Llynvi and Tondy Co., Ltd. - - - -	23	3
Ystalyfera, Swansea (no return) - - - -	Ystalyfera Iron Co. - - - -	42	16
Totals - - - -	- - - -	238	60
<b>GLOUCESTERSHIRE:</b>			
Park End, Lydney - - - -	Henry Crawshay and Sons - - - -	—	—
Soudley, Newnham - - - -	George Benton - - - -	—	—
Totals - - - -	- - - -	—	—
<b>LANCASHIRE:</b>			
Albion Aspull, Wigan - - - -	Monks, Hall, & Co., Ltd. - - - -	16	3
Atherton Quay, Warrington - - - -	Ditto ditto - - - -	26	3
Atlas Forge, Bolton - - - -	Thomas Walmsley and Sons - - - -	16	2
Barrow, Ulverstone - - - -	Barrow Haematite Steel Co., Ltd. - - - -	—	5
Bewsey, Warrington (see Dallam) - - - -	Pearson and Knowles Coal and Iron Co., Ltd. - - - -	—	—
Bolton, Bolton - - - -	Bolton Iron and Steel Co., Ltd. - - - -	—	5
Bradford, Manchester - - - -	Richard Johnson and Nephew - - - -	14	3
Carnforth, Carnforth - - - -	Carnforth Haematite Iron Co., Ltd. - - - -	—	—
Dallam with Bewsey and Moss-side, Warrington. - - - -	Pearson and Knowles Coal and Iron Co., Ltd. - - - -	130	15
Garston, Garston - - - -	Liverpool and Garston Steel and Iron Co. - - - -	—	—
Gidlow, Wigan - - - -	Thomas Gidlow - - - -	—	—
Globe, Stalybridge - - - -	John Summers and Sons - - - -	11	4
Gorton, Manchester - - - -	Manchester, Sheffield, and Lincolnshire Railway Co. - - - -	2	1
Hartford Forge, Oldham - - - -	Platt Brothers & Co., Ltd. - - - -	8	3
Ince Hall Rolling Mills, Wigan - - - -	Wigan and Ince Rolling Mills Co. - - - -	15	3
Irwell Forge, Bury - - - -	Joseph Webb & Co. - - - -	7	3
Moss-side, Wigan (see Dallam) - - - -	Pearson and Knowles Coal and Iron Co., Ltd. - - - -	—	—
Openshaw, Manchester - - - -	Ashbury Railway Carriage and Iron Co., Ltd. - - - -	11	2
Park Bridge, Ashton-under-Lyne - - - -	H. Lees and Sons - - - -	10	3
Pendleton, Manchester - - - -	William Barningham & Co., Ltd. - - - -	16	2
Perseverance, Pendleton - - - -	Maybury, Marston, and Sharpe - - - -	13	2
Preston, Preston - - - -	The North of England Railway Carriage and Iron Co. - - - -	—	—
White Cross, Warrington - - - -	White Cross Wire and Iron Co., Ltd. - - - -	13	3
Wigan Rolling Mills, Wigan - - - -	Wigan and Ince Rolling Mills Co. - - - -	15	3
Totals - - - -	- - - -	328	65

## Mills and Forges—continued.

Name and Situation of Works.	Owner.	Puddling Furnaces.	Rolling Mills.
<b>MONMOUTHSHIRE:</b>			
		No.	No.
Abersychan, Newport	Ebbw Vale Steel, Iron, & Coal Co., Ltd.	—	—
Blaenavon, Newport	Blaenavon Iron and Steel Co., Ltd.	—	3
Cwmbran, Newport	Patent Nut and Bolt Company, Ltd.	16	4
Ebbw Vale, Newport	Ebbw Vale Steel, Iron, & Coal Co., Ltd.	17	8
Oakfields (Cwmbran), Newport	James O. Hill & Co., Ltd.	—	—
Pontnewynydd, Pontypool	Pontnewynydd Sheet Iron & Steel Co.	6	2
Pontypool, Newport	Ebbw Vale Steel, Iron, & Coal Co., Ltd.	14	5
Rhymney, Newport	Rhymney Iron Co., Ltd.	—	5
Tredegar, Newport	Tredegar Iron and Coal Co., Ltd.	9	4
Totals		62	31
<b>NORTHUMBERLAND:</b>			
Walker, Newcastle-on-Tyne	Walker Iron and Steel Works Co., Ltd.	—	—
<b>NOTTINGHAMSHIRE:</b>			
Trowell, Trowell, Nottingham.	John Langham	16	2
<b>SHROPSHIRE:</b>			
Castle, Wellington	Nettlefolds, Ltd.	22	3
Eagle (Hollinswood), Wellington	Eagle Iron Works Co., Ltd.	10	3
Haybridge, Wellington	Haybridge Iron Co., Ltd.	10	1
Horsehay (no return), Wellington	Coalbrookdale Iron Co., Ltd.	31	2
Shropshire, with Trench, Wellington	Shropshire Iron Co., Ltd.	32	3
Snedshill, Oakengates, Shifnal	Snedshill Iron Co., Ltd.	22	4
Stirchley, Wellington	Haybridge Iron Co., Ltd.	14	1
Trench (Dawley)	Shropshire Iron Co., Ltd.	—	—
Wombridge, Oakengates	Carmi A. T. Rollason, & Co.	10	4
Totals		151	21
<b>SOMERSETSHIRE:</b>			
Ashton Vale, Bristol	Joseph Tinn	11	4
<b>STAFFORDSHIRE, NORTH:</b>			
		Nos.	Nos.
Berry Hill, Stoke-on-Trent	Henry Warrington	22	3
Biddulph Valley, Tunstall	Robert Heath and Sons	43	3
Chesterton, Tunstall	Chesterton Coal and Iron Co., Ltd.	—	—
Cliff Vale, Stoke-on-Trent	Joseph Bull and Son	18	3
Clough Hall (Kidsgrove), Stoke-on-Trent	Kinnersley & Co.	53	5
Knutton Forge, Stoke-on-Trent	Stanier & Co.	44	4
Norton, Stoke-on-Trent	Robert Heath and Sons	44	3
Ravensdale, Tunstall	Ditto	31	5
Shelton Bar Iron Works, Stoke-on-Trent	Shelton Bar Iron Co.	92	7
Silverdale, Newcastle	Butterley Co.	24	2
Totals		371	35
<b>STAFFORDSHIRE, SOUTH:</b>			
Albert Great Bridge, Tipton	John Gittings & Co.	—	—
Ditto, Sheet Iron, West Bromwich	James Shenton	7	2
Albion, West Bromwich	J. B. and S. Lees	12	3
Ditto, West Bromwich	Britannia Iron Co.	10	1
Ditto, West Bromwich	Albion Sheet Iron Co.	8	2
Alpha, Tipton	Joshua Wilkinson and Sons	8	2
Anchor, Smethwick	Batson and Ratcliffe	6	1
Atlas, West Bromwich	Parkes and Parkes	12	4
Bank Field, Bilston	Samuel Groucutt and Sons	21	1
Batman's Hill, Bilston	Albion Sheet Iron Co.	12	3
Beaver, Wolverhampton	Isaac Jenks & Co.	9	4
Bescot, Wednesbury	Wilson Lloyd	7	1

Mills and Forges—*continued.*

Name and Situation of Works.	Owner.	Puddling Furnaces.	Rolling Mills.
<b>STAFFORDSHIRE, SOUTH—<i>continued.</i></b>			
Bilston, Bilston	W. and J. S. Sparrow & Co.	No. 24	No. 3
Birchills, Walsall	George and Richard Thomas	13	3
Ditto Hall, Walsall	Birchills Hall Iron Co., Ltd.	12	3
Bloomfield, Tipton	William Barrows & Sons	59	8
Bradford, Walsall	John N. Lester	—	1
Bradley, Bilston	Enoch Gittings	7	1
Ditto, Bilston	Hatton, Sons, & Co.	6	4
Bradley Field, Bilston	Samuel Groucutt and Sons	15	4
Ditto Hall, Bilston	J. E. East & Co.	7	2
Bradley, New, Bilston	Harris and Jevons	—	1
Brettell Lane, Brierley Hill	Roberts and Cooper	9	1
Brick House, West Bromwich	John Williams	7	2
Brierley, Brierley Hill	John Bradley & Co.	—	—
Britannia, West Bromwich	Lewis, Greenway, and Lewis	10	1
Ditto, Bilston (no return)	Harris and Jevons	11	3
Brockmoor, Brierley Hill	John Bradley & Co.	—	—
Ditto, Brierley Hill	Budd & Co.	—	—
Bromford, West Bromwich	John Dawes and Sons	63	7
Brunswick, Wednesbury	Patent Shaft and Axletree Co., Ltd.	—	—
Bull's Bridge, Wednesbury	William Molineaux & Co.	12	3
Ditto, Wednesbury	Southan, Bradley, & Co.	—	—
Bush Farm, West Bromwich (no return)	Bright and Langham	—	—
Cape Town, Smethwick (no return)	W. R. Brookes & Co.	—	—
Capponfield, Bilston	Chillington Iron Co., Ltd.	12	4
Chillington, Wolverhampton	Chillington Iron Co., Ltd.	17	5
Church Bridge, Cannock	William Gilpin, senr., & Co.	8	2
Ditto Lane, West Bromwich	George and Willm. Lees Adams	3	2
Ditto Lane, Dudley Port, Tipton	Paddock Brothers & Co.	12	1
Cleveland, Wolverhampton	Cleveland Iron Co.	10	1
Corngreaves, Cradley Heath	New British Iron Co., Ltd.	49	9
Cradley, Brierley Hill	S. Evers and Sons	14	3
Crook Hay, West Bromwich	H. O. Firmstone	17	2
Crown, Smethwick	Thomas L. Nicklin	12	2
Ditto, Toll End, Tipton	Edward Bayley	8	2
Cyclops, Walsall	John Russell & Co., Ltd.	23	2
Darlaston Steel and Iron, Darlaston	Thomas Tolley and Son	13	2
Deepfields, Bilston	H. Pemberton and Son	—	1
Delph, Brierley Hill	Hill and Smith	9	1
District, Smethwick	District Iron and Steel Co.	22	4
Dudley Port, Tipton (no return)	Plant and Fisher	20	4
Dunkirk, West Bromwich	Thomas Jordan & Co.	10	3
Eagle, West Bromwich	Unoccupied	—	—
Ebenezer, Bilston	Thos. H. Pemberton and Son	—	—
Eddingshall, Bilston	Barbors Field Co.	—	—
Ditto Road, Wolverhampton	John Yorke	—	—
Etna, Tipton	George Wilkinson & Co.	12	2
Excelsior, West Bromwich	Thomas P. Allen & Co.	10	1
Ditto, The Cape, Smethwick	District Iron and Steel Co.	11	—
Factory, Bilston	Bilston Iron Co.	14	4
Ditto, Tipton	William Barrows and Sons	—	—
Furnace Yard, Smethwick	Joseph Stones & Co.	4	1
Globe, Walsall	Simpson and Wood	—	1
Ditto, Tipton	Tividale Iron Co.	—	—
Golds Hill, New, West Bromwich	Thomas Davis & Co.	12	2
Great Bridge, Tipton	Great Bridge Iron and Steel Co., Ltd.	24	2
Greets Green, West Bromwich	Greets Green Sheet Iron Co.	7	1
Gospel Oak, Tipton	Gospel Oak Iron and Wire Co.	24	6
Groveland, Tipton	Unoccupied	—	—
Hall End, West Bromwich	J. T. and W. E. Johnson	9	2
Harts Hill, Brierley Hill	Hingley and Smith	36	3
Herbert's Park, Bilston	David Jones and Sons	—	—
Hinksford, Kingswinford	T. and G. Hall	—	—
Hope, Tipton	Lowe and James	9	4
Horseley Fields, Wolverhampton	Osier Bed Iron Co.	—	—
Ditto, Wolverhampton	E. P. and W. Baldwin	—	1
Imperial, Wednesbury	John Bagnall and Sons, Ltd.	14	2
Lea Brook, Tipton	Ditto ditto	19	1
Ditto, Wednesbury	Chillington Iron Co., Ltd.	—	—
Lion, Smethwick	London Works Iron Co.	—	—
London, Smethwick	Patent Nut and Bolt Co., Ltd.	11	2
Ditto, Oldbury	London Works Iron Co.	12	2
Manor, Wolverhampton	Stephen Thompson & Co.	2	4
Mars, Wolverhampton	George Adams and Sons	31	6
Millfields, Wolverhampton	W. H. Sanders	—	1
Minerva (Iron and Steel), Wolverhampton	Isaac Jenks and Sons	12	2
Monmer Lane, Willenhall	Monmer Lane Iron Co.	6	5
Monmoor, Wolverhampton	E. T. Wright and Son	25	6
Monway, Wednesbury	Patent Shaft and Axletree Co., Ltd.	34	4
Ditto, Wednesbury	Executors of late John Marshall	7	2

Mills and Forges—*continued.*

Name and Situation of Works.	Owner.	puddling Furnaces.	Rolling Mills.
<b>STAFFORDSHIRE, SOUTH—<i>continued.</i></b>			
Moxley, Bilston	Thomas and Charles Wells	No. 18	No. 1
Nelson, West Bromwich	J. B. and S. Lees	13	1
New Level, Brierley Hill (no return)	Earl of Dudley	—	—
New Side, Pleck, Walsall	John Southan	5	2
Old Hill, near Dudley	N. Hingley and Sons	22	2
Old Level, Brierley Hill	Henry Hall	13	2
Pelsall, Walsall	Pelsall Coal and Iron Co., Ltd.	45	5
Portfield, Tipton	James and Charles Holcroft	22	6
Providence, Cradley Heath	Joseph Penn & Co.	7	—
Ditto West Bromwich (no return)	Bridge, Gill, and Bridge	18	2
Rabone Bridge, Smethwick	Unoccupied	—	—
Regent, Bilston	George Onions	10	4
Regent's Grove, The Cape, Smethwick	Phillips, Punnett, & Co.	8	3
Richmond, West Bromwich (no return)	Samuel Downing	10	2
Ridgacre, West Bromwich	J. T. and W. E. Johnson	15	2
Round Oak, with Level, New, Brierley Hill	Earl of Dudley	28	4
Roway, West Bromwich (no return)	Edward Page and Sons	18	3
Sandwell, Smethwick (no return)	Lones, Vernon, and Holden	15	2
Shut End, Kingswinford	John Bradley & Co.	—	—
Springbank, Willenhall	Catherine Tipper	—	1
Staffordshire, Walsall	The Birchills Estate Co., Ltd.	10	2
Ditto West Bromwich	Onions Brothers	7	1
Star, Wolverhampton	Elijah Banner	9	1
Stonefield, Bilston	Bilston Iron Co.	9	3
Stour Valley, West Bromwich	Patent Nut and Bolt Co., Ltd.	8	1
Summer Hill, Tipton	William Millington & Co.	6	4
Swan Gardens, Wolverhampton	John Lysaght & Co., Ltd.	32	11
Tipton Green, Tipton	William Barrows and Sons	—	—
Tividale, Tipton	George Wilkinson & Co.	—	—
Victoria Pleck, Walsall	Henry Mills and Sons	4	1
Ditto Wednesbury (no return)	David Rose and Sons	10	3
Vulcan, Smethwick	Ebenezer Parkes	—	—
Walsall District (Howley Mills), Walsall	Wheway and Lester	—	1
Waterloo, West Bromwich	J. T. and W. E. Johnson	12	1
Wednesbury Oak, Tipton	Philip Williams and Sons	11	4
Wellington, West Bromwich	Allen and Holden	9	2
Ditto Dudley Port, Tipton	Richard Round and others	—	1
Witton Lane, West Bromwich	Roberts and Underhill	10	2
Woodford, Soho, Birmingham	Morewood & Co.	32	8
Wood Lane, West Bromwich	Bright and Langham	9	1
Totals		1,416	277
<b>WORCESTERSHIRE:</b>			
Brades (Iron and Steel) Oldbury (no return)	William Hunt and Sons	4	3
Broadwaters, Kidderminster	Hatton, Sons, & Co.	—	2
Bromley, Pensnett, Dudley	John Raybould	11	—
Cookley, Kidderminster	John Knight & Co.	6	4
Dixon's Green Dudley (no return)	Frederick Creswell	11	1
Falling Sands, Kidderminster	Crowther Brothers & Co.	—	1
Gothersley, Stourbridge	William Finnemore	—	2
Halesowen, Oldbury	Unoccupied	—	—
Hyde, Stourbridge (no return)	Lee and Bolton	22	4
Leys, Stourbridge (no return)	Brown and Freer	41	7
Netherton, Dudley	N. Hingley and Sons	41	4
Park Lane, Oldbury	F. R. Simpson	8	1
Sheepwash, Stourbridge	Unoccupied	—	—
Stourbridge, Stourbridge	William O. Foster	17	7
Stour Vale, Kidderminster	Crowther Bros. and Co.	6	3
Swindon, Dudley (no return)	E. P. and W. Baldwin	8	3
Wilden, Stourport (no return)	E. P. and W. Baldwin	5	5
Totals		180	47

Mills and Forges—continued.

Name and Situation of Works.	Owner.	Puddling Furnaces.	Rolling Mills.
<b>YORKSHIRE—NORTH RIDING or Cleveland District:</b>		No.	No.
Ayrton Rolling Mills, Middlesbrough	Jones, Brothers, & Co., Ltd.	33	2
Britannia, Middlesbrough	Dorman, Long, & Co.	70	3
Cleaveland South Bank, Stockton-on-Tees	Bolckow, Vaughan, & Co., Ltd.	—	4
Erimus, Stockton-on-Tees	C. H. F. Bolckow	—	—
Hull, Hull	East Riding Malleable Iron Works	—	—
Imperial (South Bank), Middlesbrough	Jackson, Gill, & Co., Ltd.	—	—
Middlesborough, Middlesbrough	Bolckow, Vaughan, & Co., Ltd.	—	1
Newport Rolling Mills, Stockton-on-Tees	Fox, Head, & Co.	46	4
Newport Wire Mills, Stockton-on-Tees	Richard Hill & Co.	—	2
North Eastern Steel, Middlesbrough	North Eastern Steel Co., Ltd.	—	2
South Stockton, Stockton-on-Tees	South Stockton Iron Co., Ltd.	—	—
Tees Side, Stockton-on-Tees	Tees Side Iron & Engine Works, Ltd.	—	—
Thornaby, South Stockton-on-Tees	William Whitwell & Co.	43	6
West Marsh, Middlesbrough	Dorman, Long, & Co.	20	3
Totals		212	27
<b>YORKSHIRE—WEST RIDING:</b>			
Atlas Steel and Iron, Sheffield	John Brown & Co., Ltd.	34	15
Baltic Steel, Sheffield	J. Beardshaw, & Sons	—	3
Bowling, Bradford	Bowling Iron Co., Ltd.	18	4
Carbrook Forge, Sheffield	George E. Hodgkinson	—	2
Clarence, Leeds	Taylor Brothers & Co.	17	5
Cyclops, Sheffield	Charles Cammell & Co., Ltd.	38	9
Elsecar, Barnsley	George Dawes	27	2
Farnley, Leeds	Farnley Iron Co.	16	5
Forge, The, Bradford	Perkins, Son, and Barrett	7	2
Grimesthorpe, Sheffield	Charles Cammell & Co., Ltd.	—	1
Horbury Junction, Bradford	Horbury Junction Iron Co., Ltd.	22	4
Hunslet Forge, Leeds	Coghlan and Dury	20	5
Kelham, Sheffield	Kelham Rolling Mills Co., Ltd.	—	5
Kirkstall, Leeds	Kirkstall Forge Co.	22	4
Leeds, Leeds	S. T. Cooper & Co.	6	3
Lowmoor, Bradford	Hird, Dawson, and Hardy	24	8
Midland, Rotherham	Midland Iron Co., Ltd.	34	5
Millsands Steel, Sheffield	Sheffield Forge and Rolling Mills Co.	—	—
Monk Bridge, Leeds	James Kitson	27	6
Northfield, Rotherham	Northfield Iron and Tyre Co., Ltd., (in liquidation.)	—	—
Parkgate, Sheffield	Parkgate Iron Co., Ltd.	50	7
Persoverance, Leeds (no return)	J. Whetham and Sons	50	4
Phoenix, Sheffield	Steel, Peech, and Tozer, Ltd.	—	5
Rotherwood, Sheffield	Rotherwood Iron and Steel Co., Ltd.	24	3
Stockbridge, Sheffield	Samuel Fox & Co., Ltd.	3	4
Thornhill, Dewsbury	Thornhill Iron and Steel Co., Ltd.	8	2
Tinsley, Sheffield	William Cooke & Co., Ltd.	19	4
Wortley, Sheffield	Thomas Andrews and Co.	13	3
Yorkshire, Sheffield	Charles Cammell & Co., Ltd.	—	2
Totals		479	122
<b>SCOTLAND.</b>			
<b>LANARKSHIRE:</b>			
Blochairn, Glasgow	Steel Company of Scotland, Ltd.	—	9
Calder Bank, Glasgow	Monkland Iron Co., Ltd.	13	3
Clifton, Coatbridge	John Wylie & Co.	18	2
Clydesdale, Coatbridge	Clydesdale Iron Co.	—	—
Coats, Coatbridge	Coats Iron and Steel Co.	33	1
Crown, Coatbridge	William Tudhope and Son	11	3
Dalzell, Motherwell	David Colville	16	2
Drumpeller, Coatbridge	John Spencer	12	2
Dundyvan, Coatbridge	William Martin	10	1
Excelsior, Wishaw	John Williams & Co.	30	9
Gartcosh, Glasgow	Smith & McLean	6	3
Glasgow, Glasgow	Glasgow Iron Co.	26	4
Globe Iron and Steel, Motherwell	A. and T. Miller	10	2
Hallside, Newton	Steel Company of Scotland, Ltd.	—	6
Milnwood, Holytown	John Aiton & Co.	—	—
Mossend, Holytown	Mossend Iron Co.	10	5
Motherwell, Glasgow	Glasgow Iron Co.	45	8
Muirkirk, Glasgow	Eglington Iron Co.	9	2
North British, Coatbridge	Thomas Ellis	31	5
Parkhead Iron and Steel Forge, Parkhead	I. and W. Beardmore	11	6
Pather, Wishaw	Pather Iron and Steel Co., Ltd.	10	2
Phoenix, Coatbridge	John Spencer	20	3
Rochsolloch, Glasgow	James Pettigrew	13	2
Star, Glasgow	David Bennie and Sons	—	2
Totals		334	82

## GENERAL SUMMARY of IRON MILLS and FORGES in OPERATION in GREAT BRITAIN.

County,	Number of Works.	Number of Puddling Furnaces.	Number of Rolling Mills.
ENGLAND AND WALES			
Brecknockshire	—	—	—
Cheshire	2	21	11
Cumberland	4	30	7
Denbighshire	2	21	5
Derbyshire	4	76	14
Durham	17	631	65
Glamorganshire	11	238	60
Gloucestershire	—	—	—
Lancashire	17	328	65
Monmouthshire	7	62	31
Northumberland	—	—	—
Nottinghamshire	1	16	2
Shropshire	8	151	21
Somersetshire	1	11	4
Staffordshire, North	9	371	35
Staffordshire, South	104	1,416	277
Worcestershire	14	180	47
Yorkshire, North Riding	9	212	27
Yorkshire, West Riding	27	479	122
SCOTLAND:			
Lanarkshire	22	334	82
Totals in Great Britain	259	4,577	875

## Iron—Steel Manufacture.

## BESSEMER STEEL WORKS in GREAT BRITAIN.

Name and Situation of Works.	Owner.	Converters	
		Number.	Capacity.
CHESHIRE:			
Crewe, Crewe	London and North Western Railway Co.	4	Tons. cwts. 5 0
CUMBERLAND:			
Dronfield, Workington	Wilson, Cammell, & Co.	4	— —
Moss Bay, Workington	Moss Bay Hæmatite Iron and Steel Co.	3	8 0
West Cumberland, Workington	West Cumberland Iron and Steel Co.	4	8 0
Total		11	— —
DURHAM:			
Albert Hill, Darlington	Darlington Steel and Iron Co., Ltd.	2	7 0
Tudhoe, Spennymoor	Weardale Iron and Coal Co., Ltd.	4	2 10
Total		6	— —
LANCASHIRE:			
Barrow, Barrow-in-Furness	Barrow Hæmatite Steel Co., Ltd.	8	8 0
Bolton, Bolton	Bolton Iron and Steel Co., Ltd.	4	5 0
Carnforth, Carnforth	Carnforth Hæmatite Iron Co., Ltd.	2	6 0
Gorton, Manchester	Manchester, Sheffield, and Lincolnshire Railway Co.	2	3 10
Vulcan, Barrow-in-Furness	Vulcan Steel and Forge Co., Ltd.	—	— —
Total		16	— —

Bessemer Steel Works in Great Britain—*continued.*

Name and Situation of Works.	Owner.	Converters.	
		Number.	Capacity.
<b>STAFFORDSHIRE, SOUTH:</b>			
Monway, Wednesbury - - -	Patent Shaft and Axletree Co., Ltd. - -	4	Tons. 3 cwts. 0
<b>WALES, SOUTH:</b>			
Cyfarthfa, Merthyr Tydfil - - -	Crawshay Brothers - - -	2	8 0
Blaenavon, Pontypool - - -	Blaenavon Iron and Steel Co. - - -	2	8 0
Dowlais, Dowlais - - -	Dowlais Iron Co. - - -	4	8 0
Ebbw Vale, Ebbw Vale - - -	Ebbw Vale Steel, Iron, and Coal Co., Ltd. - - -	2	6 0
Rhymney, Rhymney - - -	Rhymney Iron Co., Ltd. - - -	4	6 0
Tredegar, Tredegar - - -	Tredegar Iron and Coal Co., Ltd. - -	2	8 0
Total - - -	- - -	23	- -
<b>YORKSHIRE, NORTH RIDING (Olevaland):</b>			
Cleveland, North Middlesbrough - -	Bolckow, Vaughan, & Co., Ltd. - -	4	8 0
Erimus, Stockton-on-Tees - - -	C. H. F. Bolckow - - -	2	7 0
North Eastern, Middlesbrough - - -	North Eastern Steel Co., Ltd. - - -	4	10 0
Total - - -	- - -	10	- -
<b>YORKSHIRE, WEST RIDING:</b>			
Atlas, Sheffield - - -	Brown, Sir J., & Co., Ltd. - - -	2	10 0
Bessemer, Sheffield - - -	Bessemer, Sir H., & Co., Ltd. - - -	2	9 0
Cyclops, Sheffield - - -	Charles Cammell & Co., Ltd. - - -	2	5 0
Penistone, Sheffield - - -		2	9 0
		2	4 0
Phoenix, The Ickles, near Sheffield - -	Steel, Peech, and Tozer, Ltd. - - -	2	20 0
Sheffield Steel and Iron, Attercliffe - -	Brown, Bayley, and Dixon, Ltd. - - -	2	8 0
Stockbridge, Sheffield - - -		2	10 0
	Samuel Fox & Co., Ltd. - - -	2	8 0
		2	4 0
		4	6 0
		2	6 0
		2	7 0
Total - - -	- - -	28	- -
Total in Great Britain - - -		102	- -

BESSEMER STEEL INGOTS made in GREAT BRITAIN in the Year 1884 and the previous year.  
(From the "Annual Reports of the British Iron Trade Association.")

Districts.	1883.	1884.
	Tons.	Tons.
Cleveland - - -	304,606	285,704
Cumberland - - -	210,605	215,134
Lancashire - - -	247,440	*205,127
Sheffield - - -	285,963	205,983
South Wales - - -	504,966	387,728
Staffordshire - - -	-	-
Totals - - -	1,553,580	1,299,676

\* Including Staffordshire.

## OPEN-HEARTH STEEL WORKS in the UNITED KINGDOM.

COUNTY	Where situated.	Number of Furnaces erected.	Number of Furnaces building.	Total.
<b>CHEESHIRE:</b>				
London and North Western Railway Co.	Crewe	4	—	4
<b>CUMBERLAND:</b>				
West Cumberland Iron and Steel Co., Ltd.	Workington	2	—	2
<b>DERBYSHIRE:</b>				
Butterley Co., Ltd.	Alfreton	4	—	4
<b>DURHAM:</b>				
Consett Iron Co., Ltd.	Blackhill	2	—	2
<b>GLAMORGANSHIRE:</b>				
Birchgrove Steel Co., Ltd.	Swansea	4	—	67
Dowlais Iron Co.	Dowlais	6	—	
Landore Siemens Steel Co., Ltd.	Landore, Swansea	24	—	
Leach, Flower, & Co.	Neath	2	—	
Morewood & Co.	Llanelly	3	—	
Panteg Steel Works	Panteg	13	—	
Swansea Tinsplate Co.	Swansea	2	—	
Wright, Butler, & Co.	Do.	10	—	
Tregoning, John S. & Son	Llanelly	1	1	
Cwmfelin Tinsplate Co.	Swansea	—	1	
<b>LANCASHIRE:</b>				
*Barrow Hamatite Steel Co., Ltd.	Barrow	1	—	11
Bolton Steel and Iron Co., Ltd.	Bolton	3	—	
Haughton, W. D.	Warrington	1	—	
Jackson, P. R., & Co.	Manchester	1	—	
*Railway Steel and Plant Co., Ltd.	Ditto	2	—	
Whitworth, Sir Joseph, & Co., Ltd.	Ditto	3	—	
<b>MONMOUTHSHIRE:</b>				
White and Challingsworth	Newport	1	—	1
<b>NORTHAMPTONSHIRE:</b>				
Stenson & Co.	Northampton	—	1	1
<b>NORTHUMBERLAND:</b>				
Armstrong, Sir W. G., Mitchell & Co., Ltd.	Newcastle-on-Tyne	2	—	6
Spencer, John, and Sons	Ditto	4	—	
<b>STAFFORDSHIRE (SOUTH):</b>				
Tangye's Steel Co.	Birmingham	1	—	2
Rollason and Sons, Abel	Erdington	1	—	
<b>SURREY:</b>				
HP. Horse Nail Co., Ltd.	Wandsworth Road	1	—	1
<b>YORKSHIRE, NORTH RIDING, Cleveland:</b>				
Butler Brothers	Middlesbrough	1	—	1
<b>YORKSHIRE, WEST RIDING:</b>				
*Albion Steel and Wire Co.	Sheffield	2	—	29
Brown, Sir John, & Co., Ltd.	Ditto	4	—	
Bowling Iron Co., Ltd. (also 100 crucible Furnaces).	Bowling	2	—	
Cammell, Charles, & Co.	Sheffield	6	—	
Firth, Thos., and Sons, Ltd.	Ditto	1	—	
Leeds Forge Co., Ltd.	Leeds	2	—	
Monk Bridge Iron Co.	Ditto	1	—	
Taylor Brothers & Co.	Ditto	1	—	
Vickers, Sons, & Co., Ltd.	Sheffield	10	—	
<b>SCOTLAND:</b>				
Beardmore, I. and W.	Glasgow	7	—	63
Colville, David	Motherwell	4	—	
Govan Forge and Steel Co., Ltd.	Glasgow	2	—	
Mossend Iron Co.	Holytown	10	—	
Steel Company of Scotland	Glasgow	36	—	
*Williams, John, & Co.	Wishaw	3	—	
Wylie, William, & Co.	Glasgow	1	—	
<b>Total</b>				<b>194</b>

\* Not working.

OPEN-HEARTH STEEL.

OPEN-HEARTH STEEL made in the UNITED KINGDOM in the Year 1884 and the previous year.  
(Furnished by Mr. Frederick Siemens, Successor to the late Sir William Siemens.)

Districts.	1883.	1884.
Scotland	Tons. 222,000	Tons. 208,650
South Wales	136,000	164,750
Sheffield	40,000	38,000
North West Coast	12,000	10,050
North East Coast	10,000	16,400
Other districts	35,500	37,400
Totals	455,500	475,250

THOMAS-GILCHRIST PROCESS.

WORKS manufacturing STEEL by the THOMAS-GILCHRIST PROCESS in GREAT BRITAIN.

Owner.	Where situated.	Number of Converters.	Capacity.
DENBIGHSHIRE: Brymbo Steel Co., Ltd., (Basic Siemens)	Brymbo	1	Tons. 10
STAFFORDSHIRE, SOUTH: Staffordshire Steel and Ingot Iron Co., Ltd.	Bilston	3	5
YORKSHIRE, NORTH RIDING, <i>Cleveland</i> : Bolelaw, Vaughan, & Co., Ltd.	Middlesbrough	6	12
North Eastern Steel Co., Ltd.	Ditto	4	10
YORKSHIRE, WEST RIDING : Farnley Iron Co. (Basic Siemens)	Farnley	1	
Total		15	—

WORKS being CONSTRUCTED OR ALTERED to manufacture STEEL by the THOMAS-GILCHRIST PROCESS in GREAT BRITAIN.

Owner.	Where situated.	Number of Converters.	Capacity.
SHROPSHIRE : Lilleshall Co.	Shifnal	2	Tons. 5
SCOTLAND : Glasgow Iron Co.	Wishaw	3	7
Merry and Cunninghame	Glengarnock	2	8
Total		7	—

THOMAS-GILCHRIST STEEL.

STEEL and INGOT IRON made by the THOMAS-GILCHRIST PROCESS in the Years  
(ending 30th September) 1883 and 1884.

	1883.	1884.
GREAT BRITAIN	Tons. 120,967	Tons. 179,000

## Iron—Tinplates.

## TINPLATE WORKS in the UNITED KINGDOM and MAKE OF PLATES.

Name and Situation of Works.	Owner.	Total No. of Mills.	No. of Mills working.	Tinplates.	Terne Plates.	Black Plates.	Total Weight.
<b>ENGLAND AND WALES.</b>							
<b>CARMARTHENSHIRE:</b>							
Amman Iron and Tinplate Works, Brynamman.	Amman Iron Co. -	4	4	Boxes. —	Boxes. —	Boxes. —	Tons. —
Burry Tinplate Works, New Docks, Llanelly ( <i>make estimated</i> ).	Burry Tinplate Co., Ltd. -	4	4	—	—	—	—
Carmarthen Tinplate Works, Carmarthen.	Thomas, Lester & Co. -	5	4½	—	—	—	—
Dafen Tinplate Works, Llanelly.	Phillips, Nunes & Co. -	5	4	—	—	—	—
Foxhole Tinplate Works, Llanelly.	Western Tinplate Works, Ltd.	2	2	—	—	—	—
Garnant Iron and Tinplate Works, Cwmamman, R.S.O.	Garnant Iron and Tinplate Co.	2	2	—	—	—	—
Glanamman Tinplate Works, Cwmamman, R.S.O. ( <i>make estimated</i> ).	Glanamman Tinplate Co., Ltd.	2	2	—	—	—	—
Gwendraeth Tinplate Works, Kidwelly ( <i>make estimated</i> ).	Chivers and Son -	10	10	—	—	—	—
Hendy Tinplate Works, Pontardulais, R.S.O.	Edmund Boughton & Co., Ltd.	4	4	—	—	—	—
Llanelly Tinplate Works, Llanelly.	John S. Tregoning and Son.	4	4	—	—	—	—
Llangennech Tinplate Works, Llangennech, R.S.O.	Wm. and Henry Thomas -	6	6	—	—	—	—
Morlais, Llangennech, R.S.O.	Morlais Tinplate Co. -	2	2	—	—	—	—
Old Castle Iron and Tinplate Works, Llanelly.	Old Castle Iron and Tinplate Co., Ltd.	6	6	—	—	—	—
South Wales Steel, Iron and Tinplate Works, Llanelly ( <i>make estimated</i> ).	E. Morewood & Co. -	9	9	—	—	—	—
Western Tinplate Works, Llanelly.	Western Tinplate Works, Ltd.	5	5	—	—	—	—
Totals - - - - -	- - - - -	70	68½	1,290,920	100,769	64,442	76,901
<b>CUMBERLAND:</b>							
Derwent Tinplate Works, Workington. <i>Idle</i> .	W. Griffiths & Co. -	3	—	—	—	—	—
<b>FLINTSHIRE:</b>							
Alyn Tinplate Works, Mold (production included in Glamorganshire).	Alyn Tinplate Co. -	3	3	—	—	—	—
<b>GLAMORGANSHIRE:</b>							
Aberdulais Tinplate Works, Neath.	Joshua Williams & Co., Ltd.	5	5	—	—	—	—
Avon Vale Tinplate Works, Aberavon.	The Port Talbot Tinplate Co.	5	3¾	—	—	—	—
Beaufort Iron and Tinplate Works, Morriston, Swansea.	Beaufort Tinplate Co., Ltd.	8	8	—	—	—	—
Burrows Tinplate Works, Aberavon, Taibach.	T. W. Jenkins & Co. -	3	3	—	—	—	—
Cambria Tinplate Works, Pontardulais ( <i>make estimated</i> ).	Cambria Co-operative Society, Ltd.	2	2	—	—	—	—
Oilfrew Tinplate Works, Aberdulais ( <i>make estimated</i> ).	Richard Rosser, Son, & Co., Ltd.	4	3	—	—	—	—
Clydach Tinplate Works, Clydach, S.O.	John Player -	2	2	—	—	—	—
Olyne Tinplate Works, Resolven. <i>Idle</i> .	Unoccupied -	1	—	—	—	—	—
Cwm Avon Tin Works, Cwm Avon, Taibach.	The Copper Miners Tinplate Co., Ltd.	9	9	—	—	—	—
Cwmfelin Tinplate Works, Swansea.	Cwmfelin Tin Works and Collieries Co., Ltd.	5	5	—	—	—	—

Tinplate Works in the United Kingdom, &c.—*continued*.

Name and Situation of Works.	Owner.	Total No. of Mills.	No. of Mills working.	Tinplates.	Terne Plates.	Black Plates.	Total Weight.
ENGLAND AND WALES— <i>cont.</i>							
GLAMORGANSHIRE— <i>cont.</i>							
				Boxes.	Boxes.	Boxes.	Tons.
Dyffryn Tinplate Works, Morriston, Swansea ( <i>make estimated</i> ).	Daniel Edwards & Co. -	8	6	—	—	—	—
Dynevor Tinplate Works, Pantyffynon, Ammanford, R.S.O.	Dynevor Tinplate Co., Ltd.	2	$\frac{1}{2}$	—	—	—	—
Ely Tinplate Works, Llantrissant, R.S.O.	Ely Tinplate Co. -	4	1	—	—	—	—
Ffrwdwyllt, Tinplate Works, Taibach.	E. Davies and Sons -	2	2	—	—	—	—
Gadly's Tinplate Mills and Forges, Aberdare.	Dare Steel and Tinplate Co.	3	2	—	—	—	—
Gilwon Tinplate Works, Ystalyfera.	J. D. Thomas & Co. -	2	2	—	—	—	—
Glamorgan Tinplate Works, Pontardulais, R.S.O.	Webb, Shakspeare, and Williams, Ltd.	2	2	—	—	—	—
Glantawe Tinplate Works, Pontardawe, Swansea.	Glanrhyd Tinplate Co., Ltd.	3	3	—	—	—	—
Glanrafon Iron and Tinplate Works, Clydach, Swansea.	John Davis & Co. -	3	3	—	—	—	—
Gorseinon Tinplate Works, Swansea.	William Lewis and Sons -	2	2	—	—	—	—
Gower Iron and Tinplate Works, Penclawdd, Swansea.	Gower Iron and Tinplate Co., Ltd.	4	$\frac{1}{2}$	—	—	—	—
Gurnos Tinplate Works, Ystalyfera.	Swansea Vale Steel and Tinplate Co., Ltd.	3	3	—	—	—	—
Landore Tinplate Works, Landore.	Landore Tinplate Co. -	7	7	—	—	—	—
Llwydarth Tinplate Works, Maesteg.	Llwydarth Tinplate Co. -	5	5	—	—	—	—
Mansel Tinplate Works, Aberavon, Taibach ( <i>make estimated</i> ).	Mansel Tinplate Co. -	6	5	—	—	—	—
Margam Tinplate Works, Aberavon, Taibach ( <i>make estimated</i> ).	R. B. Byass & Co. -	5	5	—	—	—	—
Melin Griffith Works, Cardiff.	Cardiff Iron and Tinplate Co., Ltd.	7	7	—	—	—	—
Melyn Tin Works, Neath -	Leach, Flower, & Co. -	7	7	—	—	—	—
Midland Tinplate Works, Morriston, Swansea.	David Owen & Co. -	3	2	—	—	—	—
Morriston Tinplate Works, Morriston, Swansea.	Morriston Tinplate Co. -	5	5	—	—	—	—
Pontardawe Tinplate Works, Swansea.	William Gilbertson & Co.	7	7	—	—	—	—
Pontardulais Tinplate Works ( <i>make estimated</i> ).	Clayton Tinplate Co., Ltd.	3	3	—	—	—	—
Swansea Tinplate Works, Swansea.	Swansea Tinplate Co. -	7	7	—	—	—	—
Taibach Tinplate Works, Taibach ( <i>make estimated</i> ).	D. R. David & Co. -	2	2	—	—	—	—
Teilo Tinplate Works, Pontardulais, R.S.O.	Teilo Tinplate Co., Ltd. -	3	3	—	—	—	—
Treforest Tinplate Works, Treforest.	Treforest Tinplate Co. -	7	4	—	—	—	—
Upper Forest Iron and Tinplate Works, Morriston.	William Williams & Co. -	8	8	—	—	—	—
Vernon Iron and Tinplate Works, Briton Ferry.	E. Edgar Morgan & Co. -	8	1	—	—	—	—
Waterloo Tinplate Works, Rudry.	F. A. Woodruff -	2	2	—	—	—	—
Worcester Iron and Tinplate Works, Morriston.	Llansamlet Tinplate Co. -	5	5	—	—	—	—
Ynysmendwy Tinplate Works, Swansea.	John Powell, and others -	2	2	—	—	—	—
Ynyspenllwch, Swansea Valley.	Birchgrove Steel Co., Ltd.	5	3	—	—	—	—
Yspitty Iron and Tinplate Works, Loughor, R.S.O.	J. Rushton Turnock -	4	3	—	—	—	—
Ystalyfera Iron Works, Swansea ( <i>make estimated</i> ).	Ystalyfera Iron Co. -	12	8	—	—	—	—
Totals (including the production of Flintshire)		202	168 $\frac{1}{2}$	2,837,487	601,470	275,631	188,167

Tinplate Works in the United Kingdom, &c.—*continued.*

Name and Situation of Works.	Owner.	Total No. of Mills.	No. of Mills working.	Tin-plates.	Terne Plates.	Black Plates.	Total Weight.
<b>ENGLAND AND WALES—<i>cont.</i></b>							
<b>GLOUCESTERSHIRE:</b>							
Parkend Tinplate Works, Lydney.	Henry Crawshay & Sons -	2	—	Boxes. —	Boxes. —	Boxes. —	Tons. —
Hawkwell Tin Works, Cinderford.	J. Chivers & Co. -	3	3	—	—	—	—
Lydbrook Tinplate Works, Lydbrook, Ross.	Richard Thomas & Co., Ltd.	5	5	—	—	—	—
Lydney Iron and Tinplate Works, Lydney.	Richard Thomas & Co., Ltd.	4	4	—	—	—	—
Totals		14	12	89,722	92,306	33,821	8,316
<b>LANCASHIRE:</b>							
Back Foundry Street, Red Bank, Manchester.	W. P. Burnley & Co. -	—	—	—	—	—	—
Bennett Street, Hyde Road, Manchester.	W. Robinson -	—	—	—	—	—	—
New Allen Street, Oldham Road, Manchester.	T. Brayshaw & Co. -	—	—	—	—	—	—
(These Firms do not roll plates.)							
<b>MONMOUTHSHIRE:</b>							
Abbey Tintern Wire and Tinplate Works, Tintern.	Abbey Tintern Wire and Tinplate Co.	2	2	—	—	—	—
Abertillery Iron and Tinplate Works, Abertillery ( <i>make estimated</i> ).	Philip Samuel Phillips -	7	7	—	—	—	—
Abercarne Iron and Tinplate Works, Abercarne.	Daniel Whitehouse -	8	8	—	—	—	—
Blaina Iron and Tinplate Works, Blaina.	Blaina Iron and Tinplate Co., Ltd.	10	7	—	—	—	—
Caldicot Wire and Tinplate Works, Chepstow.	The Caldicot Wire and Tinplate Co.	2	2	—	—	—	—
Machen Tin Works, Newport.	Machen Iron and Tinplate Co.	4	3	—	—	—	—
Monmouth Forges, Monmouth ( <i>make estimated</i> ).	H. T. Griffiths & Co. -	1	1	—	—	—	—
Pontheer Tinplate Works, Caerleon, Newport.	Conway, Conway & Co. -	2	1	—	—	—	—
Pontnewydd Tinplate Works, Pontnewydd.	B. Conway & Co. -	2	2	—	—	—	—
Pontrhydyrun Tinplate Works, Newport.	Conway Brothers -	2	2	—	—	—	—
Pontymister Tinplate Works, Newport ( <i>make estimated</i> ).	Pontymister Tinplate Co. -	8	7	—	—	—	—
Pontypool Iron and Tinplate Works, Pontypool.	Pontypool Iron and Tinplate Co.	9	9	—	—	—	—
Rhiwderin Tinplate Works, Rhiwderin ( <i>make estimated</i> ).	Rhiwderin Tinplate Co. -	4	4	—	—	—	—
Tynewydd Iron and Tinplate Works, Pontnewydd, Newport.	Tynewydd Iron and Tinplate Co., Ltd.	2	2	—	—	—	—
Caerleon Tinplate Works, Caerleon, Newport.	Lewydarth Tinplate Co. -	2	½	—	—	—	—
Totals		65	57½	847,170	200,825	88,928	58,947

Tinplate Works in the United Kingdom, &c.—*continued.*

Name and Situation of Works.	Owner.	Total No. of Mills.	No. of Mills working.	Tin-plates.	Terne Plates.	Black Plates.	Total Weight.
<b>ENGLAND AND WALES—<i>cont.</i></b>							
<b>STAFFORDSHIRE :</b>							
Bradley Iron and Tinplate Works, Bilston ( <i>make estimated</i> ).	Hatton, Sons & Co.	3	2	Boxes. —	Boxes. —	Boxes. —	Tons. —
Brockmoor Iron and Tinplate Works, Brierley Hill ( <i>make estimated</i> ).	Brockmoor Iron and Tinplate Works, Ltd.	4	2	—	—	—	—
Horseley Fields Tinplate Works, Wolverhampton.	E. P. and W. Baldwin	1	1	—	—	—	—
Horseley Fields Iron and Tinplate Works, Wolverhampton. <i>Idle.</i>	Osier Bed Iron Co.	4	—	—	—	—	—
Manor Iron and Tin Sheet Works, Wolverhampton.	Stephen Thompson & Co.	4	4	—	—	—	—
Totals	- - - -	16	9	121,571	9,252	59,574	10,530
<b>WORCESTERSHIRE :</b>							
Stour Vale Iron Works, Kidderminster ( <i>estimated</i> ).	Crowther Bros. & Co.	3	1	—	—	—	—
Broadwaters Tinplate Works, Kidderminster. <i>Idle.</i>	Hatton, Sons & Co.	2	—	—	—	—	—
Cookley Iron Works, Kidderminster.	John Knight & Co.	3	3	—	—	—	—
Wilden Iron and Tinplate Works, Stourport.	E. P. and W. Baldwin	5	4	—	—	—	—
Totals	- - - -	13	8	80,904	6,000	34,000	6,593
<b>SCOTLAND :</b>							
Coatbridge Tinplate Works, Glasgow (not making Tin plates).	Coatbridge Tinplate Co., Ltd.	3	—	—	—	—	—

GENERAL SUMMARY of the PRODUCTION of TINPLATES.

No. of Works.	County.	Total No. of Mills.	No. of Mills working.	Tinplates.	Terne Plates.	Black Plates.	Total.	Computed Weight of the whole.
<b>ENGLAND AND WALES :</b>								
15	Carmarthenshire -	70	68½	Boxes. 1,290,920	Boxes. 100,769	Boxes. 64,442	Boxes. 1,456,131	Tons. 76,901
1	Cumberland -	3	—	—	—	—	—	—
1	Flintshire -	3	3	—	—	—	—	—
44	Glamorganshire -	202	168¾	2,837,487	601,470	275,631	3,714,588	188,167
4	Gloucestershire -	14	12	89,722	92,306	33,821	215,849	8,316
15	Monmouthshire -	65	57½	847,170	200,825	88,928	1,136,923	58,947
5	Staffordshire -	16	9	121,571	9,252	59,574	190,397	10,530
4	Worcestershire -	13	8	80,904	6,000	34,000	120,904	6,593
1	SCOTLAND -	3	—	—	—	—	—	—
90	TOTALS -	389	326¾	5,267,774	1,010,622	556,396	6,834,792	349,454

## HIGHEST, LOWEST and AVERAGE PRICES of TIN and BLACK PLATES in the LONDON MARKET.

	Tinplates per Box.				Black-plates per Ton.
	Charcoal.		Coke.		
	1st Quality.	2nd Quality.	1st Quality.	2nd Quality.	
Highest prices	£ s. d. 1 2 0	£ s. d. 1 0 0	£ s. d. 0 18 0	£ s. d. 0 17 6	£ s. d. 15 10 0
Lowest prices	1 0 0	0 17 0	0 15 6	0 14 0	15 10 0
Average prices	1 1 5	0 19 3	0 16 5	0 15 7	15 10 0

The price of Terne Plates is 2s. per box less than that of Tinplates of similar brands.

## TINPLATES Exported from the UNITED KINGDOM in 1884 and previous Year, showing the COUNTRIES to which sent. (Furnished by Mr. P. W. Flower, Neath.)

Countries.	1883.	1884.
	Boxes.	Boxes.
United States Ports	3,755,707	3,572,782
Holland, Germany, and Belgium	125,066	202,198
Australia and New Zealand	85,561	106,914
Italy and Mediterranean	186,382	298,142
Canada and British North America	186,761	356,933
Franco and Switzerland	81,680	112,502
South America and Brazils	73,917	82,111
Spain and Portugal	109,991	93,116
Norway, Sweden, and Baltic	108,577	144,549
India and China	76,471	123,324
West Indies	12,037	14,930
Cape, Ceylon, and Mauritius	5,642	7,763
Africa and Outside Islands	4,384	5,465
Unclassed	2,333	272
Total Boxes	4,815,009	5,121,001

## EXPORTS of TINPLATES showing the PORTS from which sent in 1884 and previous Year.

Ports.	1883.	1884.
	Boxes.	Boxes.
Liverpool	2,772,600	2,802,739
London	320,438	426,968
Swansea	779,778	1,311,665
Bristol	683,968	223,883
Cardiff	197,881	280,914
Glasgow	894	4,331
Southampton	50,856	60,251
Hull	6,258	7,826
Newcastle	2,336	2,424
Newhaven	—	—
Total Boxes	4,815,009	5,121,001

## Iron Pyrites.

## IRON PYRITES and COPPERAS LUMPS from MINES under the COAL MINES ACT.

Counties.	Quantities.	Value at the Mine.
ENGLAND AND WALES:		
	Tons:	£
Cumberland - - - - -	16	8
Denbighshire - - - - -	111	56
Derbyshire - - - - -	1,191	596
Flintshire - - - - -	77	38
Lancashire, North and East	25	12
Nottinghamshire - - - - -	192	96
Shropshire - - - - -	500	250
South Staffordshire - - - - -	2,779	2,015
Warwickshire - - - - -	2,097	1,048
Worcestershire - - - - -	188	136
Yorkshire - - - - -	361	180
Totals - - - - -	7,537	4,435
SCOTLAND:		
Dumbartonshire - - - - -	-	-
Renfrewshire - - - - -	311	150
Totals - - - - -	7,848	4,585

## IRON PYRITES from MINES under the METALLIFEROUS MINES ACTS.

Name and Situation of Mine.	Owner.	Quantity.	Value at the Mine.
ENGLAND AND WALES.			
ANGLESEY:			
Mona Mine, Amlwch - - - - -	Mona Mine Co., Ltd. - - - - -	Tons. 127	£ 47
CARNARVONSHIRE:			
Oae Coch, Trefriw - - - - -	William Veitch - - - - -	8,100	5,670
CORNWALL:			
North Treskerby, St. Agnes - - - - -	North Treskerby Tin and Copper Mining Co.	10	3
West Wheal Jane, Baldhu - - - - -	John Smith - - - - -	11	6
Wheal Jane, Baldhu, Kea - - - - -	Cost Book - - - - -	310	180
Totals - - - - -	- - - - -	331	189
DEVONSHIRE:			
Devon Great United - - - - -	Devon Great United Co., Ltd. - - - - -	126	126
Wheal Crebor, Tavistock - - - - -	Wheal Crebor Mining Co. - - - - -	477	477
Totals - - - - -	- - - - -	603	603
GLAMORGANSHIRE:			
Mwyndy, Llantrissant - - - - -	Mwyndy Iron Ore Co., Ltd. In liquidation.	-	-
IRELAND.			
LEINSTER:			
Ballymurtagh, Ovoca, Co. Wicklow	Wicklow Copper Mine Co., Ltd. - - - - -	402	100
Cronebane, Ovoca - - - - -	Thomas Rivington - - - - -	11,693	6,945
Tigroney, Ovoca - - - - -			
Totals - - - - -	- - - - -	12,095	7,045

## GENERAL SUMMARY of the PRODUCTION of IRON PYRITES.

County.	Quantity.	Value at the Mines.
MINES UNDER THE METALLIFEROUS MINES ACT.		
ENGLAND AND WALES:		
	Tons.	£
Anglesey . . . . .	127	47
Carnarvonshire . . . . .	8,100	5,670
Cornwall . . . . .	331	189
Devonshire . . . . .	603	603
TOTALS . . . . .	9,161	6,509
IRELAND . . . . .	12,095	7,045
Totals from Mines under the Metalliferous Mines Act . . . . .	21,256	13,554
"    "    "    Coal Mines Act . . . . .	7,848	4,585
TOTALS . . . . .	29,104	18,139

IMPORTS of IRON PYRITES, chiefly CUPREOUS IRON PYRITES, into the UNITED KINGDOM.  
(Return by Board of Customs.)

Ports into which imported.	Quantities.	Declared Value.	Ports into which imported.	Quantities.	Declared Value.
ENGLAND AND WALES:			SCOTLAND:		
	Tons.	£		Tons.	£
Beaumaris . . . . .	195	329	Aberdeen . . . . .	1,549	2,738
Berwick . . . . .	3,968	8,948	Ardrossan . . . . .	14,369	29,358
Bristol . . . . .	8,776	21,990	Bo'ness . . . . .	2,008	5,230
Cardiff . . . . .	15,728	37,509	Dundee . . . . .	752	1,692
Carlisle . . . . .	2,057	5,952	Glasgow . . . . .	20,268	42,030
Chester . . . . .	3,790	3,790	Inverness . . . . .	600	600
Exeter . . . . .	1,411	2,822	Leith . . . . .	1,951	3,397
Falmouth . . . . .	974	3,119	Troon . . . . .	6,615	13,230
Goole . . . . .	6,305	17,835			
Hull . . . . .	21,312	68,302	IRELAND:		
Ipswich . . . . .	11,869	35,387	Belfast . . . . .	3,190	3,190
Liverpool . . . . .	225,350	472,581	Cork . . . . .	1,374	4,050
London . . . . .	48,990	105,071	Drogheda . . . . .	490	1,225
Lynn . . . . .	6,942	13,302	Dublin . . . . .	6,467	16,080
Newcastle . . . . .	96,648	215,904	Londonderry . . . . .	595	2,080
Newport . . . . .	6,417	10,547			
Plymouth . . . . .	9,086	21,946	Totals . . . . .	563,073	1,244,371
Shields, North . . . . .	1,737	3,767			
Do. South . . . . .	12,654	25,208			
Shoreham . . . . .	750	600			
Southampton . . . . .	245	490			
Stockton . . . . .	1,680	4,240			
Sunderland . . . . .	1,560	3,140			
Swansea . . . . .	13,414	35,763			
Yarmouth . . . . .	987	1,429			

## COUNTRIES from which the IRON PYRITES was EXPORTED to GREAT BRITAIN and IRELAND in 1884 and previous Year. (Return by Board of Customs.)

Year.	From Norway.	From Portugal.	From Spain.	From Germany.	From other Parts.	Total Quantities.	Total Value.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	£
1883 . . . . .	1,271	121,137	473,343	-	5,537	601,288	1,356,083
1884 . . . . .	522	85,454	471,556	-	5,541	563,073	1,244,871

BURNT CUPREOUS PYRITES treated at the METAL EXTRACTION WORKS in GREAT BRITAIN  
(Furnished by Mr. Thomas V. Bird, Liverpool.)

Locality.	Names of Firms.	Burnt Ore treated.
Widnes - - - - -	Widnes Metal Co., Ltd. - - - - -	Tons. 21,324
Ditto - - - - -	N. Mathieson & Co. - - - - -	563
Widnes - - - - -	Tharsis Sulphur and Copper Co., Ltd. - - - - -	192,750
Newcastle-on-Tyne - - - - -		
Birmingham - - - - -		
Glasgow - - - - -		
Cardiff - - - - -		
St. Helen's - - - - -	D. McKechnie - - - - -	35,301
Ditto - - - - -	Globe Alkali Co., Ltd. - - - - -	15,624
Runcorn - - - - -	Wigg Brothers and Steele - - - - -	23,415
Weston - - - - -	Runcorn Soap and Alkali Co., Ltd. - - - - -	28,347
Manchester - - - - -	Miles Platting Copper Smelting Co. - - - - -	2,624
Mostyn - - - - -	Eyton Copper Co. - - - - -	1,600
Bolton - - - - -	Harrison, Blair, & Co. - - - - -	966
Flint - - - - -	Muspratt Brothers and Huntley - - - - -	12,271
Newcastle-on-Tyne - - - - -	William Russell and Sons - - - - -	7,500
Ditto - - - - -	Bede Metal and Chemical Co., Ltd. - - - - -	25,000
Ditto - - - - -	Gibb, Johnson, & Co. - - - - -	8,951
Castleford - - - - -	Hunt Brothers - - - - -	6,200
Irvine - - - - -	Wm. Henderson & Co. - - - - -	8,957
Doncaster - - - - -	Morris & Co. - - - - -	14,890
Devonport - - - - -	South Down Metal and Chemical Co., Ltd. - - - - -	10,129
	Total - - - - -	416,412

QUANTITIES of METALS EXTRACTED from the BURNT CUPREOUS PYRITES at the above WORKS  
in 1884 and previous Year. (Furnished by Mr. John Arthur Phillips, F.R.S.)

Year.	Ore.	Metallic Copper Extracted.	Extracted by Claudet's Process.	
			Gold.	Silver.
	Tons.	Tons.	Ounces.	Ounces.
1883 - - - - -	439,156	15,370	1,911	348,210
1884 - - - - -	416,412	15,200	1,900	335,000

## Lead Ore.

The amount of lead obtainable in smelting has been reckoned as 95 per cent. of the amount indicated by the dry assay; thus, in the case of an ore containing 80 % of metal by dry assay, the actual yield has been taken at 76 %.

In calculating the quantity of silver obtainable from lead ores the amount of silver in ores containing less than 3 ozs. silver per ton of ore has been omitted, as in most cases it is not extracted; and it has been assumed that, on an average,  $\frac{1}{4}$  oz. silver remains in each ton of desilverised pig-lead.

Name and Situation of Mine.	Dressed Lead Ore.	Per-centage of Lead by Assay.	Amount of Lead obtainable in smelting.	Amount of Silver obtainable from the Lead.	Value of Ore at the Mine.
	Tons.		Tons.	Ounces.	£
<b>ENGLAND AND WALES.</b>					
<b>ANGLESEY:</b>					
Mona Mine, Amlwch, Lead and Silver, from "Bluestone," see Zinc Ore.	-	14	-	7,700	--
Morfa Du, Amlwch, ditto	-	12	-	777	--
Totals	-	--	157	8,477	--
<b>BRECONSHIRE:</b>					
Nant-y-Garw, Rhayader	24	73	17	137	146
<b>CARDIGANSHIRE:</b>					
Bronfloyd, Penrhyncoch	4	-	-	-	29
Bryn-yr-Afr, Goginan	128	75	-	-	817
Cefngwyn, Talybont	1	81	-	4	7
Cwmystwith, Devil's Bridge	193	79	-	-	1,207
East Darren, Goginan	312	80	-	4,933	3,016
Esgair Mwyn and Ddu, Strata Florida	33	75	-	159	247
Frongoch, Devil's Bridge	260	75	-	-	1,540
Goginan, Aberystwith	117	76	-	2,904	1,218
Great West Van, Ponterwyd	14	-	-	-	78
Grogwinion, Pontrhydygroes	28	75	-	-	160
Lisburne, Pontrhydygroes	601	80	-	3,300	4,619
Mynach Vale, Goginan	31	75	-	-	193
Mynydd Gorddu, Bow Street	9	-	-	140	83
Nant-y-cria, Ponterwyd	1	-	-	-	6
Powell, Ponterwyd	89	76	-	-	578
Rheidol United, Cwm Rheidol	7	68	-	-	42
South Darren, Goginan	355	78	-	10,570	4,236
Tanyrallt, Talybont	30	79	-	235	198
Wemyss, Devil's Bridge	80	75	-	306	436
Totals	2,293	--	1,682	22,551	18,760
<b>CARMARTHENSHIRE:</b>					
Nant-y-mwyn, Llandovery	855	78	633	4,974	5,938
<b>CARNARVONSHIRE:</b>					
De Eresby Mountain, Llanrwst	19	80	-	-	130
Pantgwyn, Pwllheli	533	82	-	2,029	3,765
Standard, Llanrwst	145	82	-	-	984
Tan-y-bwlch, Pwllheli	1,799	79	-	6,000	12,143
Totals	2,496	--	1,893	8,029	17,022

Lead Ore—continued.

Name and Situation of Mine.	Dressed Lead Ore.	Per-centage of Lead by Assay.	Amount of Lead obtainable in Smelting.	Amount of Silver obtainable from the Lead.	Value of Ore at the Mine.
ENGLAND AND WALES—cont.					
CORNWALL:					
	Tons.		Tons.	Ounces.	£
Duchy Peru, Perranzabuloe - - -	2	-	-	-	13
Cargoll, Newlyn East - - -	6	-	-	-	31
East Wheal Rose, Newlyn East - - -	85	-	-	-	595
Herodsfoot, Liskeard - - -	110	50	-	-	630
Holmbush, Callington - - -	62	-	-	-	542
Old Shepherd's Newlyn East - - -	171	-	-	-	1,297
Redmoor, Callington (6 cwt.) - - -	-	-	-	-	3
West Chiverton, Perranzabuloe, Truro - - -	54	50	-	-	249
Wheal Hony and Trelawney, Menheniot - - -	30	-	-	-	325
New Langford, Callington - - -	4	-	-	-	32
Wheal Jane, Balduh - - -	5	-	-	-	61
Totals - - -	529	—	352	5,000	3,778
CUMBERLAND:					
Nenthead and Tynedale Lead and Zinc Co., Ltd. :—					
<i>Garrigill Mines.</i>					
Bayle Hill - - -	114	-	-	-	-
Browngill - - -					
Priorsdale - - -					
Slaggyburn - - -					
<i>Nenthead Mines.</i>					
Caplecleugh - - -	1,503	-	-	6,978	12,455
Guddamgill - - -					
Longcleugh - - -					
Middlecleugh - - -					
Rampgill - - -					
Smallcleugh - - -					
Bentyfield, Alston - - -	6	78	-	59	41
Brownley Hill, Alston - - -	103	-	-	291	795
Cashwell, Alston - - -	329	80	-	1,438	2,533
Metal Band, Alston - - -	60	79	-	55	414
Nentsberry, Alston - - -	29	79	-	137	192
Patter Syke and Clargill Head - - -	10	-	-	160	74
Rodderup Fell, Alston - - -	80	-	-	625	500
Threlkeld, Keswick - - -	477	81	-	4,678	3,871
Totals - - -	2,711	—	2,046	14,421	20,875
DENBIGHSHIRE:					
Aberduna, Mold - - -	3	80	-	17	20
Brynymwyn and Pantygwlanod, Llanarmon - - -	3	80	-	15	25
Creigiog, Llanarmon - - -	5	80	-	28	36
Graig Poeth, Minera - - -	2	80	-	-	16
Llewelyn, Minera - - -	5	80	-	-	31
Minera, Wrexham - - -	1,841	80	-	7,014	12,867
Pant Du, Llanarmon - - -	8	79	-	47	53
Park, Minera - - -	30	78	-	147	214
Twelve Apostles, Minera - - -	1	-	-	-	8
Totals - - -	1,898	—	1,443	7,268	13,275
DERBYSHIRE:					
List of Mines see page 153.					
Totals - - -	3,708	-	2,744	-	24,000
Returns from the Smelters give an average of 74 % of lead obtained from the Derbyshire ores.					
DEVONSHIRE:					
New Florence, N. Molton - - -	2	-	1	-	12

Lead Ore—*continued.*

Name and Situation of Mine.	Dressed Lead Ore.	Per-centage of Lead by Assay.	Amount of Lead obtainable in Smelting.	Amount of Silver obtainable from the Lead.	Value of Ore at the Mine.
ENGLAND AND WALES— <i>cont.</i>					
DURHAM:					
	Tons.		Tons.	Ounces.	£
Burnhope, Edmondbyers - - - -	63	78	-	-	490
Grass Hill, Harwood-in-Teesdale - - -	5	-	-	34	36
Green Hurth, Forest-in-Frith - - - -	1,197	-	-	10,550	8,383
Healey Field, Castleside - - - -	151	-	-	-	1,057
Swandale, Edmondbyers - - - -	65	-	-	769	446
Teesdale Mines worked by the London Lead Company:—					
Ashgillhead - - - -					
Coldberry - - - -					
Coldberry Skears - - - -					
Eastrake - - - -					
Flushamie - - - -					
High Skears - - - -	3,945	-	-	19,013	27,612
Little Egglehope - - - -					
Lodgesyke - - - -					
Redgroves - - - -					
Wiregill - - - -					
Weardale Mines worked by the London Lead Company:—					
Bollyhope Burn - - - -					
Cornish Hush - - - -					
Flakebrigg - - - -	876	-	-	4,222	6,131
South Grain - - - -					
Whitfield Brow - - - -					
W. B. Lead Mines, Weardale, W. B. Beaumont	766	-	-	3,696	5,362
Weardale Lead Company's Mines - - -	3,095	75	-	14,924	21,665
Willy Hole, Harwood Fell - - - -	122	78	-	-	854
Totals - - - -	10,285	—	7,391	53,208	72,036
FLINTSHIRE:					
Beuno Consols, Holywell - - - -	6	72	-	71	42
East Long Rake, Halkin - - - -	3	75	-	18	22
Fron Hall United, Gwernymynydd, Mold	38	77	-	145	274
Gorsedd and Merilyn, Holywell - - -	4	80	-	43	34
Great Holway, Holywell - - - -	700	82	-	8,963	6,193
Halkyn, Holywell - - - -	210	79	-	955	1,531
Holywell Consols, Holywell - - - -	34	81	-	232	293
Holway District, Holywell - - - -	10	78	-	85	69
Mostyn Consols, Whitford - - - -	2	70	-	21	15
New Pant-y-ne, Holywell (8 cwts.) - -	-	-	-	4	3
North Henblas, Milwr, Holywell - - -	81	80	-	430	545
North Hendre, Mold - - - -	430	80	-	2,509	3,225
Pant-y-buarth, Mold - - - -	124	80	-	794	974
Pant-y-Rhes, Halkin - - - -	1	80	-	5	7
Prince Patrick, Halkin - - - -	5	78	-	15	35
Rhosesmor, Halkin - - - -	560	78	-	2,976	4,188
Rhydalun, Mold - - - -	5	77	-	37	33
Sir Edward, Holywell - - - -	4	80	-	31	30
Speedwell and Grange, Holywell - - -	14	-	-	-	98
Talargoch, Dyserth - - - -	103	80	-	599	724
Trelogan, Llanasa (11 cwts.) - - - -	-	-	-	-	4
Ucha, Mold - - - -	8	80	-	28	57
Victor, Mold - - - -	8	70	-	55	54
West Trelogan, Llanasa - - - -	146	78	-	918	1,113
Totals - - - -	2,496	—	1,906	18,934	19,563
ISLE OF MAN:					
Central Foxdale, Marown - - - -	330	78	-	9,839	3,712
Foxdale, Foxdale - - - -	4,020	77	-	51,525	33,500
Great Laxey, Laxey Glen - - - -	1,537	80	-	61,188	24,110
Rushen, Colby - - - -	120	75	-	699	840
Totals - - - -	6,007	—	4,439	123,251	62,162
MONTGOMERYSHIRE:					
Caelan, Llanbrynmair - - - -	5	80	-	26	40
Great Dyliffe, Llanbrynmair - - - -	90	81	-	433	652
Van, Llanidloes - - - -	1,187	80	-	10,458	9,631
Wye, Llangurig - - - -	6	80	-	-	35
Totals - - - -	1,288	—	982	10,917	10,358

Lead Ore—continued.

Name and Situation of Mine.	Dressed Lead Ore.	Per-centage of Lead by Assay.	Amount of Lead obtainable in Smelting.	Amount of Silver obtainable from the Lead.	Value of Ore at the Mine.
ENGLAND AND WALES—cont.					
NORTHUMBERLAND:*					
Allendale, W. B. Lead Mines - - - -	390	75	-	1,782	2,730
Church Burn, Whitfield - - - - -	35	81	-	-	201
Fallowfield, Fallowfield - - - - -	38	75	-	-	228
Langley Barony, Haydon Bridge - - -	3,067	80	-	-	16,415
Stonecroft and Greyside, Newbrough -	1,878	80	-	-	12,096
Totals - - - - -	5,408	—	4,090	1,782	31,670
PEMBROKESHIRE:					
Llanfyrnach Silver Lead - - - - -	1,177	—	846	8,275	7,600
SHROPSHIRE:					
Bog, Minsterley - - - - -	194	80	-	-	1,283
Crickheath - - - - -	85	68	-	-	595
East Roman Gravels, Worthen - - - -	6	80	-	-	35
Pennerley, Minsterley - - - - -	109	80	-	-	730
Perkins Beach, Minsterley - - - - -	7	75	-	-	43
Roman Gravels, Minsterley - - - - -	2,441	80	-	-	16,954
Snailbeach, Minsterley - - - - -	844	78	-	-	6,750
Tankerville, Worthen - - - - -	101	80	-	-	678
West Roman Gravels, Chirbury - - - -	1	-	-	-	3
Totals - - - - -	3,788	—	2,866	-	27,071
SOMERSETSHIRE:					
Charterhouse and Blackmoor - - - - -	84	40	-	-	210
Ditto ditto (Slimes) - - - - -	100	-	-	-	125
St. Cuthbert's, Priddy (from old surface heaps) -	480	27	-	2,760	720
Waldegrave Lead Works, Chewton Mendip (Slimes). - - - - -	—	—	—	—	—
Totals - - - - -	664	—	178	2,760	1,055
WESTMORELAND:					
North Westmorland, Brough - - - - -	3	-	-	-	16
Dufton Fell, Appleby - - - - -	3	-	-	-	18
Greenside, Patterdale - - - - -	1,439	73	-	13,421	10,073
Totals - - - - -	1,445	—	1,002	13,421	10,107
YORKSHIRE (NORTH RIDING):					
Apedale, Bedale - - - - -	—	-	—	—	—
Arkendale, Arkengarthdale - - - - -	1,764	75	-	-	12,898
Beldi Hill, Swaledale - - - - -	—	-	—	—	—
Keld Heads, Leyburn - - - - -	128	-	-	-	950
Lunchead, Mickleton - - - - -	12	-	-	-	71
Old Gang, Swaledale - - - - -	318	70	-	-	1,985
Sargill, Hawes - - - - -	23	-	-	-	127
Surrender, Healaugh - - - - -	19	-	-	-	131
Swinnergill, AD., Swaledale - - - - -	96	-	-	-	525
YORKSHIRE (WEST RIDING):					
Appletreewick, Skipton - - - - -	—	-	—	—	—
Blayshaw Gill, Pateley Bridge - - - -	—	-	—	—	—
Craven Moor United, Pateley Bridge - -	100	75	-	-	650
Elbolton, Skipton - - - - -	26	74	-	-	150
Gavel, Upper Wharfedale - - - - -	7	70	-	-	55
Cockhill and Sunside, Pateley Bridge -	40	75	-	-	250
Stoney Groves, Pateley Bridge - - - -	15	63	-	-	100
West Pateley Bridge, Pateley Bridge - -	73	75	-	-	450
Totals - - - - -	2,621	—	1,847	-	18,343

*NORTHUMBERLAND 1883.	Lead Ore.	Lead.	Silver.	Value.
	Tons.	Tons.	Ounces.	£
Allendale, W.B. Lead Mines - - - - -	436	840	1,000	4,142
Fallowfield, Hexham - - - - -	67	50	-	462
Langley Barony, Haydon Bridge - - - -	3,470	2,602	-	22,746
Morallee Fell, Ditto - - - - -	1	1	-	8
Stonecroft and Greyside - - - - -	1,070	1,576	-	15,195
Totals - - - - -	5,914	4,569	1,000	42,553

Lead Ore—*continued.*

Name and Situation of Mine.	Dressed Lead Ore.	Per-centage of Lead by Assay.	Amount of Lead obtainable in the Smelting.	Amount of Silver obtainable from the Lead.	Value of Ore at the Mine.
<b>SCOTLAND.</b>					
<b>LANARKSHIRE:</b>					
Leadhills, Abington - - - -	Tons. 2,447	- - - -	Tons. -	Ounces. 13,011	£ 18,352
<b>DUMFRIESSHIRE:</b>					
Queensberry, Wanlockhead - - -	1,880	- - - -	- - - -	7,000	16,645
Totals - - - -	4,327	—	3,219	20,011	34,997
<b>IRELAND.</b>					
<b>DOWN (ULSTER):</b>					
Newtownards, Newtownards - - -	9	- - - -	- - - -	- - - -	92
<b>WICKLOW (LEINSTER):</b>					
Luganure, Rathdrum - - - -	454	75	- - - -	1,332	2,596
Connoree, Ovoca. Lead and Silver from "Blue-stone" (see Zinc Ore).	-	-	-	470	—
Totals - - - -	463	—	341	2,302	2,688

## GENERAL SUMMARY of the PRODUCE of LEAD ORE, and SILVER therefrom.

Counties.	Dressed Lead Ore.	Amount of Lead obtainable in Smelting.	Amount of Silver obtainable from the Lead.	Value of Ore at the Mines.
<b>ENGLAND AND WALES.</b>				
	Tons.	Tons.	Ounces.	£
Anglesey (see Zinc Ore) - - - -	-	157	8,477	—
Breconshire - - - -	24	17	137	146
Cardiganshire - - - -	2,293	1,682	22,551	18,760
Carmarthenshire - - - -	855	633	4,974	5,938
Carnarvonshire - - - -	2,496	1,893	8,029	17,022
Cornwall - - - -	529	352	5,000	3,778
Cumberland - - - -	2,711	2,046	14,421	20,875
Denbighshire - - - -	1,898	1,443	7,268	13,275
Derbyshire - - - -	3,708	2,744	- - - -	24,100
Devonshire - - - -	2	1	- - - -	12
Durham - - - -	10,285	7,391	53,208	72,036
Flintshire - - - -	2,496	1,906	18,934	19,563
Isle of Man - - - -	6,007	4,439	123,251	62,162
Montgomeryshire - - - -	1,288	982	10,917	10,358
Northumberland - - - -	5,408	4,090	1,782	31,670
Pembrokeshire - - - -	1,177	846	8,275	7,600
Shropshire - - - -	3,788	2,866	- - - -	27,071
Somersetshire - - - -	664	178	2,760	1,055
Westmoreland - - - -	1,445	1,002	13,421	10,107
Yorkshire - - - -	2,621	1,847	- - - -	18,342
TOTALS FOR ENGLAND AND WALES -	49,695	36,515	308,405	363,870
<b>SCOTLAND.</b>				
TOTALS FOR SCOTLAND - - - -	4,327	3,219	20,011	34,997
<b>IRELAND.</b>				
TOTALS FOR IRELAND - - - -	463	341	2,302	2,688
TOTALS FOR THE UNITED KINGDOM -	54,485	40,075	325,718	401,555

The Value of the above quantity of Metallic Lead, according to the Average Market Price of Common Pig Lead for the year, is 452,847*l.*

AVERAGE MONTHLY PRICES of METALLIC LEAD per TON in the LONDON MARKET.

Month.	English Lead.				Foreign Lead.
	Pig, Common.	Pig (W. B.)	Sheet and Bar.	Patent Shot.	Spanish.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
January - - -	12 5 0	12 15 0	13 0 0	15 2 6	11 16 3
February - - -	11 19 6	12 9 6	12 18 0	15 0 0	11 11 6
March - - -	11 12 6	12 2 6	12 10 0	14 15 0	11 2 9
April - - -	11 10 6	12 0 9	12 10 0	14 15 0	11 1 3
May - - -	11 8 9	11 18 9	12 2 6	14 5 0	11 2 0
June - - -	11 2 9	11 12 9	11 19 9	14 1 0	10 15 3
July - - -	10 11 6	10 19 9	11 10 3	13 12 6	10 5 6
August - - -	11 1 0	11 6 3	11 15 6	13 14 0	10 15 0
September - - -	11 1 0	11 6 0	11 15 6	14 0 0	10 11 9
October - - -	11 0 3	11 5 3	11 13 9	14 0 0	10 14 3
November - - -	10 18 9	11 3 9	11 13 9	14 0 0	10 13 0
December - - -	11 0 8	11 5 8	11 13 9	14 0 0	10 18 3
Highest prices for the year -	12 15 0	12 17 6	13 0 0	15 10 0	12 0 0
Lowest " " -	10 5 0	10 15 0	11 5 0	13 10 0	10 2 6
Average Prices for the year "	11 6 0	11 13 10	12 1 11	14 5 5	10 18 11

EXPORTS of LEAD and LEAD ORE from the UNITED KINGDOM. (Return by Board of Customs.)

Ports from which Exported.	Lead Ore.	Pig Lead.	Lead:—Rolled, Sheet, Piping, and Tubing.
<b>BRITISH LEAD</b>	Tons.	Tons.	Tons.
London - - -	33	11,545	9,733
Liverpool - - -	270	1,455	1,843
Bristol - - -	-	837	43
Cardiff - - -	-	13	2
Harwich - - -	-	-	7
Hull - - -	-	44	66
Llanelly - - -	-	200	-
Middlesbrough - - -	-	225	-
Newcastle - - -	-	2,544	3,305
Plymouth - - -	-	-	52
Shields, North - - -	-	121	335
Ditto, South - - -	-	194	358
Southampton - - -	-	104	230
Sunderland - - -	-	-	6
Swansea - - -	-	96	-
Other Ports of England - - -	-	-	13
Glasgow - - -	1	85	76
Ardrossan - - -	-	-	4
Greenock - - -	-	1	11
Leith - - -	-	-	3
<b>Total Export of British Lead</b> - - -	<b>304</b>	<b>17,464</b>	<b>16,087</b>

Countries to which Exported.	Lead Ore.	Pig Lead.	Lead:—Rolled, Sheet, Piping, and Tubing.
<b>BRITISH LEAD:</b>	Tons.	Tons.	Tons.
Russia: Northern Ports - - -	-	2,251	1,718
Southern Ports - - -	-	261	262
Sweden - - -	-	292	285
Norway - - -	-	133	119
Denmark - - -	-	131	134
Germany - - -	-	129	929
Holland - - -	-	255	19
Belgium - - -	-	123	141
Channel Islands - - -	-	-	97
France - - -	41	281	17
Portugal, Azores, and Madeira - - -	-	139	428
Spain and the Canaries - - -	-	63	98
Gibraltar - - -	-	3	9
Italy - - -	-	180	3
Austria - - -	-	3	14
Malta - - -	-	-	18
Greece - - -	-	-	50
Roumania - - -	-	5	127
Turkey: Asiatic - - -	5	68	27
Egypt - - -	4	3	9
West Coast of Africa - - -	-	7	206
British Possessions in South Africa - - -	-	31	331

Exports of Lead and Lead Ore from the United Kingdom—*continued.*

Countries to which Exported.	Lead Ore.	Pig Lead.	Lead:—Rolled, Sheet Piping, and Tubing.
<b>BRITISH LEAD—<i>continued.</i></b>	<b>Tons.</b>	<b>Tons.</b>	<b>Tons.</b>
Mauritius	-	12	47
Aden	2	54	-
British East Indies	252	1,679	2,703
Java	-	6	207
Philippine Islands	-	1	33
China	-	2,860	111
Hong Kong	-	3,461	199
Japan	-	175	1,430
Australasia: West Australia	-	-	9
South Australia	-	20	255
Victoria	-	700	307
New South Wales	-	473	2,063
Queensland	-	110	370
Tasmania	-	58	92
New Zealand	-	70	690
Fiji Islands	-	2	5
Island in the Pacific	-	-	14
British North America	-	1,647	730
United States of America: On the Atlantic	-	608	44
British West India Islands and British Guiana	-	40	218
British Honduras	-	-	7
Foreign West Indies	-	1	36
Mexico	-	1	15
Central America	-	14	4
United States of Columbia	-	216	34
Venezuela	-	32	11
Ecuador	-	11	1
Peru	-	5	46
Chili	-	11	89
Brazil	-	373	779
Uruguay	-	81	83
Argentine Republic	-	383	402
Other parts	-	2	12
<b>Total Export of British Lead</b>	<b>304</b>	<b>17,464</b>	<b>16,057</b>
<b>Ports from which Exported.</b>	<b>Lead Ore.</b>	<b>Pig Lead and Sheet Lead.</b>	<b>Lead Manufactures.</b>
<b>FOREIGN LEAD:</b>	<b>Tons.</b>	<b>Tons.</b>	<b>Cwts.</b>
London	534	3,070	37
Liverpool	420	5	6
Harwich	-	1	-
Hull	-	-	240
Southampton	-	-	20
Glasgow	-	13	-
<b>Total Export of Foreign Lead</b>	<b>954</b>	<b>3,089</b>	<b>303</b>
<b>Countries to which Exported.</b>	<b>Lead Ore.</b>	<b>Pig Lead and Sheet Lead.</b>	<b>Lead Manufactures.</b>
<b>FOREIGN LEAD:</b>	<b>Tons.</b>	<b>Tons.</b>	<b>Cwts.</b>
Russia: Northern Ports	-	318	-
Southern Ports	-	320	-
Sweden	-	-	6
Denmark	-	72	-
Germany	137	54	-
Holland	50	-	-
Belgium	742	-	-
France	-	20	-
Portugal	-	264	-
Italy	-	73	-
Turkey	-	20	100
British East Indies	25	255	158
Japan	-	175	-
Australasia	-	33	10
United States of America: On the Atlantic	-	1,114	5
: On the Pacific	-	10	-
United States of Columbia	-	-	20
Brazil	-	159	1
Argentine Republic	-	191	3
Other parts	-	2	-
<b>Total Export of Foreign Lead</b>	<b>954</b>	<b>3,089</b>	<b>303</b>

## IMPORTS of LEAD and LEAD ORE into the UNITED KINGDOM.

Countries from which Imported.	Lead Ore.	Pig Lead and Sheet Lead.	Lead Manufactures.
	Tons.	Tons.	Cwts.
Sweden - - - - -	6	200	—
Germany - - - - -	54	4,247	12,861
Holland - - - - -	29	6,156	1,868
Belgium - - - - -	2	1,449	61
Channel Islands - - - - -	1	5	—
France - - - - -	5,505	1,096	630
Portugal - - - - -	306	151	—
Spain - - - - -	1,339	86,180	25
Italy - - - - -	7,197	—	85
Greece - - - - -	—	6,609	—
Turkey - - - - -	1,468	352	10
Algeria - - - - -	7,402	—	—
British Burmah - - - - -	28	—	—
Australasia :			
West Australia - - - - -	581	—	—
South Australia - - - - -	1,469	8	—
Queensland - - - - -	667	—	—
New South Wales - - - - -	71	19	—
Canada - - - - -	5	—	—
Newfoundland - - - - -	7	—	—
United States of America - - - - -	261	2,410	799
British West Indies - - - - -	151	1	—
Mexico - - - - -	306	—	—
Central America - - - - -	9	—	—
United States of Colombia - - - - -	1,175	—	—
Peru - - - - -	1,077	—	—
Chili - - - - -	445	74	—
Argentine Republic - - - - -	200	48	—
Other parts - - - - -	5	11	—
<b>Total Import</b>	<b>29,766</b>	<b>109,016</b>	<b>16,339</b>

Ports into which Imported.	Lead Ore.	Pig Lead and Sheet Lead.	Lead Manufactures.
	Tons.	Tons.	Cwts.
London - - - - -	3,475	57,822	4,906
Liverpool - - - - -	4,459	7,528	10,073
Bristol - - - - -	583	535	8
Cardiff - - - - -	180	—	—
Chester - - - - -	—	4,023	—
Goole - - - - -	—	50	24
Harwich - - - - -	—	—	464
Hull - - - - -	—	1,177	455
Llanelly - - - - -	7,191	—	—
Newcastle - - - - -	160	11,517	20
Plymouth - - - - -	—	404	—
Shields, North - - - - -	—	7,034	—
Do. South - - - - -	120	11,969	—
Southampton - - - - -	1,401	—	21
Swansea - - - - -	12,193	—	—
Weymouth - - - - -	1	1	26
Other Ports of England - - - - -	3	—	91
Leith - - - - -	—	1,656	122
Glasgow - - - - -	—	4,365	6
Grangemouth - - - - -	—	385	123
Dublin - - - - -	—	550	—
<b>Total Import</b>	<b>29,766</b>	<b>109,016</b>	<b>16,339</b>

QUANTITY of LEAD produced in the UNITED KINGDOM, the QUANTITIES Imported and Exported, and the AMOUNT left for HOME CONSUMPTION in 1884 and the previous year.

Year.	Lead produced from British Ores.	Lead imported and Lead obtained from Foreign Ores.	British and Foreign Lead exported.	Available for Home Consumption.
	Tons.	Tons.	Tons.	Tons.
1883 - - -	43,419	118,521	42,848	119,092-
1884 - - -	40,075	132,829	37,631	135,273

LIST of LEAD SMELTERS in the UNITED KINGDOM.

Owners of Smelting Works.	Situation of Works and Postal Address.
<b>CHEESHIRE:</b>	
Logan, Edward - - - - -	Birkenhead.
Runcorn Smelting Co. - - - - -	Runcorn, Chester.
<b>CORNWALL:</b>	
Par Smelting Works Co. - - - - -	Par, Par Station, R.S.O.
<b>CUMBERLAND:</b>	
Nenthead and Tynedale Lead and Zinc Co., Ltd.	Nenthead, Carlisle. 1 Dean Street, Newcastle-on-Tyne.
<b>DENBIGHSHIRE:</b>	
Cambrian White Lead Co. - - - - -	Brymbo, Wrexham.
<b>DERBYSHIRE:</b>	
Fairburn, J., & Co. - - - - -	Middleton Dale and Bradwell.
Mill Dam Mining Co. - - - - -	Bradwell, Sheffield.
Moor, J. H. - - - - -	Brough Lead Works, Hope, Sheffield.
Wass, E. M. and Sons - - - - -	Lea Lead Works, Matlock.
<b>DURHAM:</b>	
Bewick and Partners, Ltd. - - - - -	Hebburn Lead Works, Newcastle-on-Tyne.
Governor and Co. of Lead Smelters (London Lead Co.) -	Stanhope Burn, Darlington.
Ditto ditto ditto	Egglesstone, near Darlington.
Walton, Jacob, & Co. - - - - -	Bollihope Lead Works, Frosterley, Darlington.
Walton, John, & Co. - - - - -	Healeyfield Lead Works, Castleside, Blackhill, R.S.O.
Weardale Lead Co., Ltd. - - - - -	Rookhope, Stanhope, Darlington.
<b>FLINTSHIRE:</b>	
Eyton, Adam, & Son - - - - -	Llanerchymor Lead Works, Holywell.
Walker, Parker, & Co. - - - - -	Dee Bank, Bagillt, Holywell.
<b>GLAMORGANSHIRE:</b>	
Goodhart, E. C., & Co. - - - - -	Penclawdd Lead Works, near Swansea.
Llansamlet Smelting Co. - - - - -	Swansea.
Nevill, Druce, & Co. - - - - -	Llanelly Copper Works, Llanelly. 74, King William Street, London. E.C.
Vivian and Sons - - - - -	White Rock Works, Swansea.
<b>LANCASHIRE:</b>	
Glover and Robinson - - - - -	Widnes Lead Works, Widnes, Warrington.
Quirk, Barton, & Co. - - - - -	Saint Helen's. 24, Fenwick Street, Liverpool.
<b>NORTHUMBERLAND:</b>	
Beaumont, W. B., M.P. - - - - -	Allen Mill, Allendale.
Cookson & Co. - - - - -	Howdon, Newcastle-on-Tyne.
Dinning, Joseph, Executors of - - - - -	Langley Mills, R.S.O.
Locke, Blackett, & Co. - - - - -	St. Anthony's Lead Works, Newcastle-on-Tyne.

List of Lead Smelters in the United Kingdom—*continued.*

Owners of Smelting Works.	Situation of Works and Postal Address.
<b>SHROPSHIRE :</b>	
Pontesbury Lead Works Co. - - - -	Pontesbury, Shrewsbury.
Snailbeach Lead Co. - - - -	Minsterley, Shrewsbury.
<b>SOMERSETSHIRE :</b>	
Blackworth Lead Works Co. - - - -	Bristol.
Charterhouse Co. - - - -	Near Blagdon, Wells.
Panther Lead Co. - - - -	Avon Street, Bristol.
Pass, E., and Sons - - - -	Bedminster, Bristol.
Sheldon, Bush, & Co. - - - -	Redcliff Hill, Bristol.
Waldegrave Lead Smelting Co. - - - -	Chewton Mendip, near Wells.
Weston, Son, & Co. - - - -	Bristol.
<b>WESTMORELAND :</b>	
Greenside Mining Co. - - - -	Patterdale, Penrith.
<b>YORKSHIRE :</b>	
AD. Lead Co., Ltd. - - - -	Swaledale, Reeth.
Arkendale Mining Co. - - - -	Arkengarthdale, Reeth.
Devonshire, Duke of - - - -	Grassington.
Heaps, J. G. and F. - - - -	Lead Rolling Mills, &c., Pateley and Leeds.
Kelds Heads Mining Co. - - - -	Wensley, Bedale.
Old Gang Lead Mining Co. - - - -	Swaledale, Richmond.
Swaledale Lead Co. - - - -	West Swaledale.
Surrender Co. - - - -	Fremington, Richmond.
Yorke, John - - - -	Pateley Bridge.
<b>LONDON :</b>	
Enthoven, Henry John, and Sons - - - -	Rotherhithe.
Locke, Lancaster, & Co. - - - -	Millwall.
Pontifex and Wood - - - -	Farringdon Works, Shoe Lane, E.C., and Millwall.
<b>SCOTLAND :</b>	
Alexander, Fergusson, & Co. - - - -	38, McAlpine Street, Glasgow.
Buccleugh, Duke of - - - -	Wanlock Head, Sanquhar, Dumfriesshire.
Lead Hills Mining Co. - - - -	Lead Hills, Abingdon, Lanarkshire.
<b>IRELAND :</b>	
Mining Co. of Ireland, Ltd. - - - -	Ballycorus, Dublin.

**Limestone :—***See Stone, &c.*

**Manganese Ore.**

Name and Situation of Mine.	Owner.	Quantity.	Value at the Mine.
<b>ENGLAND AND WALES.</b>			
<b>DENBIGHSHIRE:</b>			
Nant Uchaf, Abergele - - - -	Abergele Hamatite Co., Limited - - - -	Tons. Nil.	£ —
<b>DERBYSHIRE:</b>			
Allotment, Winster - - - -	Wass and Son - - - -	—	—
Blakelowfield, Elton - - - -	Henry Webster - - - -	—	—
Brown Edge, Winster - - - -	Thomas Moseley - - - -	—	—
Dirty Face, Griff Grange - - - -	Wass and Son - - - -	—	—
Filbarnes, Elton - - - -	Daniel Stone and George Petts - - - -	—	—
Goodhall Pipe and Mount Pleasant, Youlgreave.	George Johnson - - - -	—	—
Inkerman, Elton - - - -	Henry Webster - - - -	—	—
New Venture, Winster - - - -	Wass and Son - - - -	—	—
Whitelow Rake, Winster - - - -	Ditto - - - -	—	—
Totals - - - -	- - - -	263	223

## MANGANESE ORE—continued.

Name and Situation of Mine.	Owner.	Quantity.	Value at the Mine.
ENGLAND AND WALES—continued.			
DEVONSHIRE:		Tons.	£
Chillaton and Hogstor, Milton Abbot	Sims Brothers - - - -	535	1,000
Monkston, Brentor - - - -	Limited Co. - - - -	—	—
Whitstone, Brentor - - - -	Whitstone Manganese Mining Co. - - - -	—	—
Fullabrook - - - -	- - - -	100	200
Totals	- - - -	635	1,200
SOMERSETSHIRE:			
Winford, Flax Bourton - - - -	Sloman and Burgo - - - -	11	16
IRELAND.			
MUNSTER:			
Glandore, Leap, Co. Cork - - - -	Gordon & Co., Limited - - - -	Nil.	—
TOTALS FOR THE UNITED KINGDOM - - - -	- - - -	909	1,439

## MANGANESE ORE Imported into the UNITED KINGDOM in the Year 1884 and the previous year. (Return by Board of Customs.)

Ports into which Imported.	1883.		1884.	
	Quantity.	Value.	Quantity.	Value.
	Tons.	£	Tons.	£
London - - - -	1,766	8,313	1,199	5,182
Liverpool - - - -	8,311	35,345	8,132	27,300
Bristol - - - -	11	54	4	27
Fleetwood - - - -	500	795	7,147	11,721
Gloucester - - - -	235	900	—	—
Hartlepool - - - -	23	189	12	36
Goole - - - -	112	449	—	—
Hull - - - -	18	85	23	86
Middlesbro' - - - -	5,371	19,180	4,370	16,054
Newcastle - - - -	384	1,008	1,129	3,917
Shields, N. - - - -	—	—	250	750
Swansea - - - -	5,623	15,981	2,465	6,102
Leith - - - -	—	—	2	8
Glasgow - - - -	2	11	1,273	4,134
Grangemouth - - - -	1	4	3	12
Inverness - - - -	—	—	39	106
Totals - - - -	22,362	82,314	26,048	75,435
Countries whence Imported.	Quantity.	Value.	Quantity.	Value.
	Tons.	£	Tons.	£
From Australasia - - - -	1,723	7,928	701	3,035
British North America - - - -	—	—	148	648
Russia - - - -	2,628	11,740	5,115	19,447
Sweden - - - -	733	1,719	1,193	3,018
Belgium - - - -	219	438	737	3,468
France - - - -	2,612	9,132	873	2,734
Italy - - - -	2,031	6,093	360	629
Portugal - - - -	5,685	19,494	6,812	15,652
Spain - - - -	1,629	5,188	5,988	13,079
Turkey - - - -	671	3,038	1	3
United States of America - - - -	3,135	12,857	567	2,122
Chili - - - -	1,123	3,875	2,360	7,845
Other countries - - - -	173	812	1,143	3,755
Totals - - - -	22,362	82,314	26,048	75,435

## Mills and Forges. See IRON, MILLS AND FORGES.

## Nickel. See COBALT.

## Ochre, Umber, &amp;c.

Name and Situation of Mine or Openwork.	Owner.	Quantity.	Value at the Mine or Openwork.
ENGLAND AND WALES.			
ANGLESEY:		Tons.	£
Amlwch Ochre Works, Amlwch (Ochre)	Amlwch Gas and Chemical Co.	—*	—
Mona Mine, Amlwch	Mona Mines Co., Ltd.	1,800	—
Parys Mines, Amlwch	Parys Copper Corporation, Co., Ltd.	214	—
	*Returns given confidentially (including the Isle of Man).	1,157	—
Totals		3,171	6,222
CORNWALL			
The County Adit (Ochre)	Representatives of John Paul, computed County Audit Committee	200	100
Larrick, Lezant	Winford Iron Ore and Redding Co., Ltd.	292	174
		20	12
Totals		512	286
DERBYSHIRE:			
Bunting's Scrin, Bonsall (Ochre)	William Bunting	—	—
Mount Pleasant, Middleton	George Johnson	—	—
Roundlow, Brassington (Umber)	John Gould	—	—
Totals		172	204
DEVONSHIRE:			
Roborough, Ashburton (Umber)	Beer, Musgrave & Co.	} 2,782	—
Devon and Cornwall, Ashburton	Mrs. Paull		—
Whitstone, Brentor (Ochre)	Whitstone Manganese Mining Co.		150
Totals		2,932	3,600
GLAMORGANSHIRE:			
Garth Mine Pit, Pentyrch (Yellowochre)	Liquidators of T. W. Booker & Co.	11	14
Mwyndy, Llantrissant	Mwyndy Iron Ore Co., Ltd.	—	—
Trecastle, Llanharry	Ditto ditto	—	—
Totals		11	14
ISLE OF MAN:			
Kirk Malew Umber Works (Umber and Rottenstone)	G. Torrance & Co.	*	*
	*Returns given confidentially (included with Anglesey).	—	—
LANCASHIRE:			
Warton, Carnforth (Red oxide of iron for colour).	Warton Mining and Colour Co.	1,039	5,195
SOMERSETSHIRE:			
Cheddar Hill, Dowborough (Ochre)	William Wookey & Co.	120	—
Winford, Flax Bourton (Oxide of iron for colour).	Winford Iron Ore and Redding Co., Ltd.	—	—
Winford, Flax Bourton (Yellow ochre)	Sloman and Burge	172	—
Malago Vale, Bedminster (Ochre)	Bolton and Partners, Ltd.	435	—
Ditto (Redding)	Ditto	150	—
Totals		877	2,674
IRELAND.			
LEINSTER:			
Ballymurtagh, Co. Wicklow (Ochre)	Wicklow Copper Mine Co., Ltd.	—	—
Connorree, Ovoca	Ovoca Mineral Co., Ltd.	253	380
Cronebane and Tigroney	Thomas Rivington	224	401
Totals for Ireland		477	781

## SUMMARY of PRODUCTION of OCHRE, UMBER, &amp;c.

Counties.	Quantities.	Value at the Mines or Openworks.
ENGLAND AND WALES.		
	Tons.	£
Anglesey (including the Isle of Man)	3,171	6,222
Cornwall	512	286
Derbyshire	172	204
Devonshire	2,932	3,600
Glamorganshire	11	14
Isle of Man ( <i>see</i> Anglesey)	—	—
Lancashire	1,039	5,195
Somersetshire	877	2,874
TOTALS	8,714	18,195
IRELAND.		
Leinster	477	781
TOTALS FOR THE UNITED KINGDOM	9,191	18,976

## Oil Shale.

## PRODUCTION of OIL SHALE in the UNITED KINGDOM.

Counties.	Quantities.	Average Price per Ton at the Mine.	Value at the Mine.
ENGLAND AND WALES.			
	Tons.	s. d.	£
Carmarthenshire	3,116	6 0	935
Cheshire	200	6 0	60
Derbyshire ( <i>Oil</i> )	60	*60 0	180
Flintshire	11,039	7 0	3,864
Glamorganshire	764	6 0	229
Staffordshire, North	25,500	7 0	8,925
Yorkshire	8,543	6 0	2,563
TOTALS	49,222	—	16,756
SCOTLAND.			
Ayrshire	7,219	5 6	1,985
Edinburghshire	640,753	5 0	160,188
Fifeshire	128,996	5 0	32,249
Lanarkshire	9,752	5 0	2,438
Linlithgowshire	581,121	5 0	145,280
Renfrewshire	97,273	5 6	26,750
Stirlingshire	4,535	5 0	1,134
TOTALS	1,469,649	—	370,024
TOTAL PRODUCTION OF OIL SHALE IN THE UNITED KINGDOM	1,518,871	—	386,780

\* Market price.

**Phosphate of Lime.**

PHOSPHATE of LIME, COPROLITES, and PHOSPHATIC NODULES. (Mainly from information supplied by Mr. W. Colchester, of Ipswich.)

Situation of Mine or Open Work.	Owner.	Geological Formation.	Quantity.	Value at the Mine or Open Work.
<b>ENGLAND.</b>				
<b>BEDFORDSHIRE :</b>				
Brickhills* - - -	Morris and Griffin - -	Lower Greensand -	Tons.  18,000	£  27,000
Compton (Standing) - - -	Ditto - - -	Ditto - - -		
Gravenhurst - - -	Smith and Badcock - -	Ditto - - -		
Stoke-cum-quay (Standing) - - -	H. Conningsby - - -	Ditto - - -		
Ditto* - - -	Morris and Griffin - -	Ditto - - -		
Potton - - -	Henry Coningsby - -	Ditto - - -		
Other works - - -	- - -	Ditto - - -		
<b>BUCKINGHAMSHIRE :</b>				
Bishopstone - - -	- - -	Ditto.		
<b>CAMBRIDGESHIRE :</b>				
Abington Pigotts, near Royston.	William Colchester and others.	Upper Greensand (Base of Chalk marl.)	26,000†	65,000
Barrington, Royston - - -	Prime Brothers - - -	Ditto - - -		
Bassingbourne, Royston	Reynolds - - -	Ditto - - -		
Ditto - - -	Headley - - -	Ditto - - -		
Ditto - - -	E. C. Colchester - - -	Ditto - - -		
Coton, Cambridge - - -	Reynolds - - -	Ditto - - -		
Grantchester, Cambridge	F. E. Lilley - - -	Ditto - - -		
Horningsea - - -	Tison & Co. - - -	Ditto - - -		
Ditto - - -	Saunders Brothers - - -	Ditto - - -		
Ditto - - -	Thomas Banyard - - -	Ditto - - -		
Melbourne, Royston - - -	Henry Coningsby - - -	Ditto - - -		
Morden, Ashwell, near Baldock	Smith and Badcock - -	Ditto - - -		
Shepreth, Royston - - -	Ditto - - -	Ditto - - -		
Steeple Norden - - -	E. C. Colchester - - -	Ditto - - -		
Whaddon, Royston - - -	F. L. Carver - - -	Ditto - - -		
Winpole, ditto - - -	C. and S. Free - - -	Ditto - - -		
<b>SUFFOLK :</b>				
Bawdsey, Rendlesham (Standing).	Lord Rendlesham - -	Crags - - -	7,800†	11,900
Boyton, ditto - - -	Ditto - - -	Ditto - - -		
Butley's, ditto - - -	Ditto - - -	Ditto - - -		
Capel, ditto (Standing)	Ditto - - -	Ditto - - -		
Felixstow - - -	Ditto - - -	Ditto - - -		
Orford - - -	Ditto - - -	Ditto - - -		
Sutton - - -	Ditto - - -	Ditto - - -		
Foxhall, Ipswich - - -	Wainwright & Co. - -	Ditto - - -		
Trimley, Ipswich - - -	Edward Packard & Co. -	Ditto - - -		
Ipswich - - -	Smith & Co. - - -	Ditto - - -		
Waldringfield, Woodbridge -	Rev. T. H. Waller - -	Ditto - - -		
Total produce of Coprolites and Phosphatic Nodules in England			51,800	103,900
<b>WALES.</b>				
<b>MONTGOMERYSHIRE :</b>				
Owngwnen, Llanfyllin (Phosphate of lime).	William Sunderland - -	- - -	66	76
Total produce of Phosphate of Lime, Coprolites, and Phosphatic Nodules in the United Kingdom			51,866	103,976

\* Phosphate of lime, 45 to 50 per cent.

† Phosphate of lime, 55 per cent.

PHOSPHATE of LIME Imported into the UNITED KINGDOM, in the Years 1883 and 1884  
(Return by Board of Customs.)

Countries from which Imported.	1883.		1884.	
	Quantity.	Value.	Quantity.	Value.
	Tons.	£	Tons.	£
Belgium	17,862	43,974	16,707	32,826
France	6,532	19,014	4,071	10,390
Portugal	48,212	149,244	30,713	81,650
United States of America	123,186	356,237	116,650	299,158
Dutch West India Islands	21,227	113,748	21,594	116,436
British North America	16,531	66,714	15,716	52,370
British West India Islands	11,056	57,299	11,857	44,252
Other Countries	2,289	7,595	1,917	6,769
Totals	246,945	813,825	219,225	643,851

Salt--(Rock-Salt; White Salt; Salt contained in Brine).

Salt--Rock-Salt.

Name and Situation of Mine.	Owner.	Quantity raised.	Value at the Mines.
ENGLAND.			
CHESHIRE:			
		Tons.	£
Crystal, Northwich	James Platt and Son	700	
Meadow Bank, Winsford	H. E. Falk	29,319	
Marston, Northwich	Fletcher and Rigby	12,605	
Marston Hall, Northwich	William Hayes and Son	15,000	
British, Northwich	William Steenstrand	26,532	
Marston Pool, Northwich	Alfred J. Thompson	1,724	
Witton Hall, Northwich	John Thompson	16,584	
Adelaide, Northwich	Joseph Verdin and Sons	16,516	
Witton, Northwich	Ditto ditto	54,335	
Totals		173,315	25,997
IRELAND.			
ULSTER:			
Burleigh Hill, Carrickfergus, Co. Antrim.	Carrickfergus Salt Mining Co.	5,073	
Clough Land, Eden, Carrickfergus	M. R. and M. W. Dalway	96	
French Park, Carrickfergus	Belfast Mining Co.	6,634	
Maiden Mount, Carrickfergus	M. R. Dalway & Co., Ltd.	12,403	
Totals		24,206	4,034
Totals for the United Kingdom		197,521	30,031

Rock-salt produced in 1884 and the previous year.

Year.	Tons.		Tons.		Tons.	
1883	In Cheshire	195,765	In Ireland	37,405	Total	233,170
1884	"	173,315	"	24,206	"	197,521

Rock-Salt conveyed by the Weaver Navigation (furnished by Mr. T. B. Hughes).

										—
From Winsford	-	-	-	-	-	-	-	-	-	Tons. 28,705
„ Northwich	-	-	-	-	-	-	-	-	-	99,132
Total	-	-	-	-	-	-	-	-	-	127,837

### Salt—Salt contained in Brine.

Used for making Alkali by Solvay's Ammonia Process.

Proprietor.	Situation of Works.	Quantity of Salt contained in the Brine.	Value at the Works.
ENGLAND.			
CHESHIRE:			
Brunner, Mond, & Co., Ltd., Northwich	Betchton, Sandbach - Winnington, Northwich	Tons. 17,450 112,116	£ — —
Totals	- - - - -	129,566	£35,630

### Salt from Brine—White Salt.

The Cheshire Brine Pits, from which brine is being pumped and white salt manufactured are:—

At Northwich, those pumping from inundated rock-salt mines; in Marston, Henry Neumann's, Ollershaw Lane; in Wincham, Captain Townshend's, Wincham and Old British; in Witton-cum-Twambrooks, the Cheshire Amalgamated Salt Company, Ltd., and William Worthington's; and those pumping from the "rock-head" or top of the rock-salt; in Anderton, the British Salt Company's; Thomas Higgin's, and Brunner, Mond, & Co., Ltd.; in Marston, William Hayes and Sons, Marston and Marston Hall; Henry Neumann's, Ollershaw Lane; John Thompson; Joseph Verdin and Sons, Adelaide and Alexandria; in Wincham, the New Victoria Salt Co., Ltd.; in Winnington, Brunner, Mond, & Co., Ltd.; in Marbury, the Runcorn Brine Co., Ltd., in preparation, with a range of pipes about a dozen miles in length to Runcorn, where the brine is intended to be treated.

At Middlewich, the rock-head has not yet been reached, and the brine is obtained from above it. The pits are in Kinderton, Ralph Seddou's; and R. H. Yeoman's; in Newton, Joseph Verdin and Sons.

At Sandbach, the brine pits pump from the rock-head; at Wheelock, the Cheshire Amalgamated Co., Ltd., two pits at Malkin's Bank; and the Wheelock Iron and Salt Co., Ltd., has one pit east of Wheelock Bridge, and one west of the bridge; at Lawton, the Lawton Salt Co. has one pit.

At Winsford the pits are almost entirely rock-head pits.

On the Over, or western side of the River Weaver, beginning at the north end: H. E. Falk, Meadow Bank Works, 2 pits, 1 being an old rock-salt pit; John Thompson; William and Robert Hickson; Joseph Verdin and Sons, Grange Works; George Deakin, Ltd., 3 pits; Runcorn Soap and Alkali Co., Ltd.; Joseph Evans, Dutch Works.

On the Wharton, or eastern side of the River Weaver, beginning at the north end: Joseph Verdin and Sons, Newbridge Works, 2 pits; Simpson and Davis, 2; George Deakin, Ltd., 2; Stubbs brothers, 2, 1 being an old rock-salt pit; Cheshire Amalgamated Salt Co., Ltd., 2; Wharton River and Railway Salt Co., Ltd.; Joseph Evans, Wharton Lodge Works; Joseph Verdin and Sons, Meadow Works and Uplount Works; D. and G. Bromilow, Birkenhead Works; Joseph Evans; Firth & Co., the Island Works.

## SALT FROM BRINE—WHITE SALT—continued.

Proprietor.	Situation of Works.	No. of Pans.	Quantity produced.	Value at the Works.
ENGLAND.				
CHESHIRE:				
			Tons.	£
Ralph Seddon - - -	No. 1 Works, Kinderton Middlewich.	2	—	—
Ditto - - -	No. 2 Works, Middlewich -	2	—	—
Joseph Verdin & Sons -	No. 3 Works, Newton, Middlewich.	4	—	—
R. Yeoman - - -	Kinderton, Middlewich -	5	—	—
Total at Middlewich - - -		13	—	—
N. Ashton & Sons - - -	Dunkirk, Northwich -	12	—	—
British Salt Co. - - -	Anderton, Northwich -	30	—	—
Cheshire Amal. Salt Co., Ltd.	No. 2 Works, Northwich -	29	—	—
Ditto - - -	No. 3 Works, Malkin's Bank, Sandbach.	35	—	—
Fletcher & Rigby - - -	Marston old, Northwich -	15	—	—
Thos. Gibson & Co. - - -	Anderton, Northwich -	14	—	—
William Hayes & Son - - -	Northwich - - -	25	—	—
William Hickson, - - -	No. 2 Works, Winnington, Northwich.	10	—	—
Thomas Higgin - - -	Anderton, Northwich -	24	—	—
Lawton Salt Co. - - -	Lawton, Sandbach - - -	8	—	—
James Lovett, Junr., - - -	No. 2 Works, Northwich -	6	—	—
Ditto - - -	No. 3 Works, Ditto - - -	5	—	—
Thos. H. Marshall (Late) -	Croft, Northwich - - -	19	—	—
Henry Neumann - - -	Ollershaw Lane, Northwich -	22	—	—
Newport, Mrs. - - -	Northwich - - -	9	—	—
Padget, J. H. - - -	Ollershaw Lane, Northwith -	4	—	—
Parks brothers - - -	Northwich - - -	12	—	—
Phoenix Salt Co. - - -	Ditto - - -	9	—	—
James Platt & Son - - -	Ditto - - -	3	—	—
T. Rayner & Co., Ltd. - - -	Ditto - - -	26	—	—
Alfred J. Thompson - - -	Ditto - - -	13	—	—
John Thompson & Son - - -	No. 2 Works, Ditto - - -	8	—	—
Joseph Verdin & Sons - - -	No. 2 Works, Marston, Northwich.	85	—	—
Wheelock Salt and Iron Co. -	Wheelock, Sandbach - - -	33	—	—
W. Worthington, Senr. - - -	Leftwich and Witton, Northwich.	50	—	—
Yecmans & Co. - - -	Northwich - - -	13	—	—
Total at Northwich and Sandbach - - -		519	—	—
George Allcock & Co. - - -	Winsford - - -	3	—	—
George Capper - - -	Meadowbank, Winsford - - -	3	—	—
Cheshire Amal. Salt Co. - - -	No. 1 Works, Winsford - - -	55	—	—
George Deakin, Ltd. - - -	Winsford - - -	110	—	—
Deakin brothers - - -	Ditto - - -	7	—	—
John Dean - - -	Ditto - - -	3	—	—
Joseph Evans - - -	Ditto - - -	84	—	—
H. E. Falk - - -	Meadowbank, Winsford - - -	60	—	—
Firth & Co. - - -	Island, Winsford - - -	15	—	—
William Hickson - - -	Knight's Grange (part), Winsford.	4	—	—
W. & R. Hickson - - -	Winsford - - -	14	—	—
Edmund Leigh - - -	Ditto - - -	4	—	—
James Lovett, Junr. - - -	Knight's Grange, Winsford -	5	—	—
National Patent Salt Works -	No. 5 Works, Winsford - - -	28	—	—
Runcorn Soap and Alkali Co. -	Winsford - - -	11	—	—
Simpson, Davies & Sons - {	Ditto - - -	16	—	—
Ditto - - -	Ditto - - -	4	—	—
Stubbs brothers - - -	Over and Wharton, Winsford -	28	—	—
John Thompson & Son - - -	No. 1 Works, Winsford - - -	15	—	—
Joseph Verdin & Sons - - -	No. 1 Works, Winsford - - -	140	—	—
Wharton River and Railway Salt Co., Ltd. - - -	Winsford - - -	24	—	—
Total at Winsford - - -		633	—	—
Totals in Cheshire - - -		1,165	1,713,492	471,210

White Salt conveyed from the Cheshire Works, by Road and by Railway and Navigation Companies.

	Tons.	Total Tons.
Bridgewater Navigation (furnished by Mr. Henry Collier, General Manager's Office, Chester road, Manchester).		
To River Mersey, from Northwich	68,375	
„ Inland	45,223	
„ River Mersey „ Middlewich		
„ Inland	2,004	
„ River Mersey „ Wheelock District	124	
„ Inland „	1,052	
		116,778
Carted, Inland (computed by Mr. Robert Verdin)	1,250	1,250
Cheshire Lines Railway (Mr. Meldrum, Manager, Central Station, Liverpool). Being in addition to the tonnage over the London and North-Western Lines.		
From Northwich	50,042	
„ Winsford	3,835	
„ Winnington	4,297	
		58,174
London and North-Western Railway (Mr. Thomas Kay, Chief Goods Manager's Office, Euston Station). Being in addition to the tonnage over the Cheshire Lines.		
From Northwich	76,753	
„ Middlewich	1,684	
„ Winsford	252,297	
		330,734
North Staffordshire Railway, Wheelock (Mr. W. D. Phillips, Traffic Manager's Office, Stoke-on-Trent).		
From Wheelock District :		
To places off North Staffordshire Railway	80,095	
„ Local Stations	4,550	
„ places off North Staffordshire Canal	879	
		85,524
From Middlewich District, not conveyed over Bridgewater Canal	3,100	
„ Northwich Canal	35,833	
		38,933
Weaver Navigation (Mr. T. B. Hughes, General Manager, Northwich).		
From Winsford	798,069	
„ Northwich	284,030	
		1,082,099
Total		1,713,492

EXPORT of SALT, including ROCK-SALT, from the PORTS of the MERSEY. (According to Mr. Falk's List compiled from the Custom House Returns of Clearances.)

Sent to	1883.	1884.
THE UNITED STATES :	Tons.	Tons.
New Orleans and Mobile	30,951	20,668
Galveston	4,650	14,750
Savannah	7,606	5,490
Charleston	3,322	3,200
Baltimore	25,940	32,911
Philadelphia	33,437	26,514
New York	58,408	53,557
Boston	29,910	30,537
Other Ports	45,185	45,543
Totals	239,459	233,170
BRITISH NORTH AMERICA :		
St. John, N.B.	16,080	12,271
Halifax	22,922	16,129
Quebec and Montreal	48,464	33,838
Newfoundland	1,896	3,084
Other Ports	9,990	7,636
Totals	99,352	72,958

Export of Salt, including Rock-Salt, from the Ports on the Mersey—*continued.*

Sent to	1883.	1884.
WEST INDIES AND SOUTH AMERICA	Tons. 25,413	Tons. 13,442
AFRICA	36,896	25,571
EAST INDIES:		
Calcutta	276,771	278,789
Chittagong	11,905	11,422
Rangoon, &c.	27,651	53,141
Totals	316,327	343,352
AUSTRALIA:		
Melbourne	1,010	1,676
Sydney	6,067	5,275
Adelaide	1,249	715
Queensland, New Zealand	2,534	3,508
Totals	10,860	11,174
PRUSSIA:		
Memel	4,488	4,456
Pillau and Königsberg	8,981	8,491
Danzig	12,645	15,255
Other Ports	970	531
Totals	27,084	28,733
RUSSIA:		
Wyburg	10,259	10,494
St. Petersburg and Cronstadt	12,414	3,477
Narva	4,743	2,507
Revel	7,639	1,254
Pernau	909	—
Riga	3,265	1,109
Other Ports	7,437	3,142
Totals	46,666	21,983
OTHER BALTIC AND NORTH SEA PORTS	34,228	31,664
FRANCE AND MEDITERRANEAN	2,803	2,728
COASTWISE:		
Newcastle	15,436	14,446
Rest of England	4,086	1,980
Scotland	24,830	30,368
Ireland	2,401	5,437
Totals	46,753	52,231
HOLLAND	22,242	22,478
BELGIUM	50,111	43,891
Total exports from Liverpool	958,194	903,375
Total exports from Runcorn and Weston Dock	228,975	236,619
Totals from the Mersey	1,187,169	1,139,994
Difference between Mr. Falk's and Mr. Thomas Ward's Returns	—	16,732
Total White and Rock-Salt exported from the Mersey	—	1,156,726
The above included, per Mr. Thomas Ward, Rock-Salt	—	115,121

SALT FROM BRINE—*continued.*

Proprietor.	Situation of Works.	No. of Pans.	Quantity produced.	Value at the Works.
CHESHIRE. According to Returns on p. 96 -	- - - -	1,165	Tons. 1,713,492	£ 471,210
DURHAM:				
Bell Brothers, Ltd. - - - -	Port Clarence - - - -	13	22,775	11,387
STAFFORDSHIRE:				
D. Chaplin - - - -	Weston, Stafford - - - -	5	2,500	1,500
Edward Andrew - - - -	Shirleywich, ditto - - - -	6	2,850	1,710
Totals - - - -	- - - -	11	5,350	3,210
WORCESTERSHIRE:				
John Corbett - - - -	Stoke Prior - - - -	65	174,000	78,300
Droitwich Salt Co., Ltd. - - - -	Droitwich - - - -	62	90,000	40,500
Totals - - - -	- - - -	127	264,000	118,800
Total production of White Salt in England - - - -	- - - -	1,316	2,005,617	604,607

The North Staffordshire Railway conveyed Salt from Weston-on-Trent:—  
(Furnished by Mr. D. Phillips.)

By Railway—To places off North Staffordshire Railway	- - - -	Tons. 1,759
„ ditto To Local Stations - - - -	- - - -	596
„ Canal—To places off North Staffordshire Canal - - - -	- - - -	130
Total - - - -	- - - -	2,485

Proprietor.	Situation of Works.	No. of Pans.	Quantity produced.	Value at the Works.
IRELAND :				
			Tons.	£
Mc Grath, Charles J. - - - -	Lime Works, Bagnalstown - - - -	1	—	—
Balbriggan Salt Works Co. (A. Mc Mullen). - - - -	Balbriggan - - - -	2	—	—
Dalway, M. R. - - - -	Salt Works, Carrickfergus - - - -	4	—	—
Barry, John - - - -	Cork - - - -	3	—	—
Carroll, Wm. - - - -	Ditto - - - -	6	—	—
Mc Ancliffe, Mrs. - - - -	Ditto - - - -	3	—	—
O'Connell, James - - - -	Ditto - - - -	3	—	—
Rice, R. - - - -	Ditto - - - -	3	—	—
Spillone, Michael - - - -	Ditto - - - -	4	—	—
Leland, Francis and William - - - -	Drogheda - - - -	2	—	—
Murdock, A., & Sons - - - -	Ditto - - - -	3	—	—
Stokes, Thos. - - - -	Ditto - - - -	3	—	—
Flower & McDonald - - - -	Ringsend Salt Works, Dublin <sup>1</sup> - - - -	2	—	—
Brown, S., & Co. - - - -	Dundalk - - - -	2	—	—
Connick, T. J., & Co. - - - -	Ditto - - - -	3	—	—
Oaks, James - - - -	Ditto - - - -	2	—	—
Healy, John - - - -	Limeworks, Kilkenny - - - -	1	—	—
Comerford, Wm. - - - -	John Street, Kilkenny - - - -	1	—	—
- - - -	Killarney - - - -	1	—	—
Purcell, James - - - -	High Street, Limerick - - - -	2	—	—
Coomey, E. - - - -	Limerick - - - -	1	—	—
Barry, James - - - -	Mallow - - - -	2	—	—
Pinn, Wm. Goff - - - -	Summergrove, Mountmellick - - - -	2	—	—
- - - -	Tralee - - - -	1	—	—
Molloy, John - - - -	Ballyduff Quarries, Tullamore - - - -	2	—	—
Mackay, Peter - - - -	Balbricken Flour Mills, Waterford - - - -	6	—	—
Totals - - - -	- - - -	65	8,500	9,350

In Ireland the white salt is manufactured from rock-salt dissolved in sea water when available.

SUMMARY of the PRODUCE of ROCK-SALT, WHITE SALT, and SALT contained in BRINE  
used for making ALKALI under SOLVAY'S AMMONIA PROCESS.

COUNTRY.	Rock-Salt.	White Salt.	Salt contained in Brine. Ammonia Process.	Total.	Value at the Mines and Works.
ENGLAND.					
Cheshire - - - - -	Tons. 173,315	Tons. 1,713,492	Tons. 129,566	Tons. 2,016,373	£ 532,837
Durham - - - - -	—	22,775	—	22,775	11,887
Staffordshire - - - - -	—	5,350	—	5,350	3,210
Worcestershire - - - - -	—	264,000	—	264,000	118,800
TOTALS - - - - -	173,315	2,005,617	129,566	2,308,498	666,234
IRELAND.					
TOTALS - - - - -	24,206	8,500	—	32,706	13,384
	197,521	2,014,117	129,566	2,341,204	679,618
LESS WHITE SALT MANUFACTURED CHIEFLY FROM ROCK-SALT IN IRELAND, INCLUDED } AS ROCK-SALT - - - - -				8,500	1,275
TOTAL PRODUCE OF THE UNITED KINGDOM - - - - -				2,332,704	678,343

**Sandstone.** See STONE.

**Shale.** See OIL SHALE.

**Silver.** See also LEAD ORE.

The quantity of Silver obtainable from the Lead Ore, produced from Mines in the United Kingdom, in 1884, amounted to 325,718 ounces. Value, 68,791l.

VALUE of the IMPORTS of SILVER ORE into the UNITED KINGDOM.  
(Return by Board of Customs.)

Country whence Imported.	Value.	Country whence Imported.	Value.
Argentine Republic - - - - -	£ 44,725	Peru - - - - -	£ 48,307
Australasia - - - - -	45,456	Spain - - - - -	428,623
Belgium - - - - -	10,566	United States of America - - - - -	173,104
Central America - - - - -	7,879	United States of Colombia - - - - -	90,954
Chile - - - - -	73,560	Other countries - - - - -	40,770
Greece - - - - -	64,274		
Italy - - - - -	12,951	Total value - - - - -	1,089,768
Mexico - - - - -	48,599		
Ports into which Imported.			
	Value.		Value.
Bristol - - - - -	£ 593	Shields, North - - - - -	£ 62,196
Cardiff - - - - -	1,260	Shields South - - - - -	134,602
Chester - - - - -	35,244	Southampton - - - - -	112,003
Goole - - - - -	84	Swansea - - - - -	7,987
Hartlepool - - - - -	12		
Hull - - - - -	275	Glasgow - - - - -	10,656
London - - - - -	226,199	Dublin - - - - -	250
Liverpool - - - - -	395,939		
Llanelly - - - - -	12,951	Total value - - - - -	1,089,768
Newcastle - - - - -	89,517		

PRICES of STANDARD SILVER in the LONDON MARKET for the Twenty Years ending 1884.  
(From the Annual Reports of the Deputy Master of the Royal Mint.)

Year.	Average Price per Ounce.	Year.	Average Price per Ounce.
1865	d. 61	1875	56 <sup>1</sup> / <sub>16</sub>
1866	61 <sup>2</sup> / <sub>16</sub>	1876	58
1867	60 <sup>1</sup> / <sub>16</sub>	1877	54 <sup>1</sup> / <sub>16</sub>
1868	60 <sup>8</sup> / <sub>16</sub>	1878	52 <sup>9</sup> / <sub>16</sub>
1869	60 <sup>5</sup> / <sub>16</sub>	1879	51 <sup>9</sup> / <sub>16</sub>
1870	60 <sup>5</sup> / <sub>16</sub>	1880	52 <sup>4</sup> / <sub>16</sub>
1871	60 <sup>9</sup> / <sub>16</sub>	1881	51 <sup>1</sup> / <sub>16</sub>
1872	60 <sup>2</sup> / <sub>16</sub>	1882	51 <sup>1</sup> / <sub>16</sub>
1873	59 <sup>3</sup> / <sub>16</sub>	1883	50 <sup>9</sup> / <sub>16</sub>
1874	58 <sup>1</sup> / <sub>16</sub>	1884	50 <sup>1</sup> / <sub>16</sub>

Slates and Slabs.

Name and Situation of Quarry or Mine.	Owner.	Quantity.	Value at the Mine or Quarry.
ENGLAND AND WALES.		Tons.	£
BRECONSHIRE:			
Dalrhew Cwm Elan, Rhayader	R. Lewis Lloyd	66	112
CARNARVONSHIRE:			
Alexandra, Moel Tryfan	Alexandra Slate Co., Ltd.	*—	*—
Bangor and Carnarvon, Nantlle	Bangor and Carnarvon Welsh Slate Co.	*—	*—
Braich, Moel Tryfan	Braich Slate Co.	2,245	5,862
Brynhafod-y-Wern, Llanllechid	George W. Cooke	*—	—
Bryn Mawr, Llanberis	Bryn Mawr Slate Co.	80	114
Bugail, Penmachno	Bugail Slate Co., Ltd.	385	1,065
Bwlch-y-ddeilor, Rhyd-ddu	William Dew	*—	*—
Caermeinciau, Llanberis	Caermeinciau, Slate Quarry Co.	*—	*—
Capel Curig, Capel Curig	Capel Curig Slate Quarry Co., Ltd.	*—	*—
Clogwyn, Trefriw	O. E. Hughes	174	*—
Cefn Du, Llanberis	Llanberis Slate Co., Ltd.	*—	*—
Cilgwyn, Nantlle	Cilgwyn Slate Co.	7,200	17,400
Clogwn-y-gwin	J. A. Hughes	50	75
Coed Madog, Nantlle	Coed Madog Slate Co.	*—	*—
Cook and Ddol, Llanberis	Trew Jegon	526	974
Dinorwic, Llanberis	G. W. D. Assheton Smith	*—	*—
Dorothea, Nantlle	Dorothea Slate Quarry Co.	*—	*—
Foel Clynno, Pen-y-groes	Foel Clynnog Slate Quarries, Ltd.	37	150
Glanrafon, Rhyd-ddu	The Glanrafon Slate Quarry Co.	2,093	6,907
Glynrhonwy, Llanberis	Glynrhonwy Slate Co., Limited	2,031	4,190
Gwernor, Nantlle	John Horne	121	633
Hafodlas, Bettws-y-coed	Rev. J. Gower, J. E. Jones King	220	410
Hafod-y-wern, Bettws Garmon	Wilson & Co.	300	630
Llwydeod, Llanllyfni	William Jones	*—	*—
Moel Tryfan, Llandwrog	Moel Tryfan Slate and Slab Quarry Co., Ltd.	*—	*—
Nantlle Vale, Nantlle	Nantlle Vale Slate Quarry Co.	*—	*—
New Vronheulog, Llanllyfni	New Vronheulog Slate Co., Ltd.	*—	*—
Pantdrainiog, Bethesda	Pantdrainiog Quarry Co.	*—	*—
Penllyn, Dolwyddelen	J. G. Cooper	*—	*—
Penmachno, Penmachno	Penmachno Slate Co., Ltd.	*—	*—
Penrhyn, Bethesda	Lord Penrhyn	*—	*—
Pen-y-Bryn, Nantlle	Pen-y-Bryn Slate Co., Ltd.	2,157	5,400
Penyrsedd, Nantlle	Penyrsedd Slate Quarry Co., Ltd.	7,652	22,727
Prince of Wales, Rhyd ddu	Prince of Wales Slate Co., Ltd.	16	56
Prince Llewelyn, Dolwyddelen	Prince Llewelyn Slate Co.	426	1,172
Rhiwbach, Penmachno	Festiniog Slate Co., Ltd.	*—	*—
South Dorothea, Nantlle	South Dorothea Slate Quarry Co.	*—	*—
Talysarn and West Tymawr, Carnarvon.	John Robinson	*—	*—
Upper Glynrhonwy, Llanberis	Upper Glynrhonwy Slate Co.	2,800	5,600
Vale, Nantlle	Bangor and Carnarvon Welsh Slate Co.	*—	*—
Vron and Old Braich, Nantlle	Vron and Old Braich Welsh Slate Quarries Co., Ltd.	*—	*—
*Returns given confidentially		253,278	613,799
Totals		281,791	687,164

Slates and Slabs—*continued.*

Name and Situation of Quarry or Mine.	Owner.	Quantities.	Value at the Mine or Quarry.
<b>ENGLAND AND WALES—<i>cont.</i></b>			
<b>CORNWALL:</b>			
Bangor Cornish, Launceston	Bangor Cornish Slate and Slab Quarry Co., Ltd.	Tons. *—	£ *—
Boscastle, Trevalga	Brock, Foster, & Co.	—	—
Growa, Trevalga, Boscastle( <i>standing</i> )	J. K. Brock	—	—
Lamb's House, Tintagel	Prebendary Kinsman	*—	*—
Lanterdan, Tintagel	Thomas Sweet and John Heard	*—	*—
Old Delabole, Camelford	Old Delabole Slate Co.	*—	*—
Saint Neot, Liskeard	Joseph Cocking	—	—
West Delabole, Camelford	E. Bishop and J. Nicholls	*—	*—
	*Returns given confidentially	14,288	25,132
Totals		14,288	25,132
<b>CUMBERLAND:</b>			
Buttermere, Borrowdale	Buttermere Green Slate Co., Ltd.	1,874	4,950
<b>DENBESHIRE:</b>			
Clogie Slab, Llangollen	Llangollen Slab and Slate Co., Ltd.	*—	*—
Foel Faen, Llandegla	Ditto ditto	*—	*—
Maengwynedd, Llanrhaiadr	Maengwynedd Slate and Slab Co.	*—	*—
Pant Glas, Eglwyseg	Pant Glas Slate and Slab Quarry Co., Ltd.	*—	*—
	*Returns given confidentially	4,030	7,132
Totals		4,030	7,132
<b>DEVONSHIRE:</b>			
Ashburton, Woodland	Ashburton Slate Quarries Co., Ltd.	—	—
Englebourne, Harbertonford, Totnes.	J. B. Paige-Browne	*—	*—
Larcombe, Diptford, Ivybridge	E. L. Middleton	—	—
Mill Hill, Lamerton, Tavistock	Mihinnick and Allen	*—	*—
Stert, Diptford, Ivybridge	W. R. Diggins	—	—
	*Returns given confidentially	1,450	1,950
Totals		1,450	1,950
<b>DURHAM:</b>			
Hope House, Middleton (Flags and Slates).	George Burdoss	700	490
Marwood, Marwood (Flags and Slates).	White and Spencer	40	20
Shipley, Marwood (Flags and Slates).	Hurworth Brothers	250	125
Yunstall, Wolsingham	John Bates	12	6
Totals		1,002	641
<b>LANCASHIRE:</b>			
Bannaside, Coniston	Coniston Slate Co.	—	—
Coniston Green, Hodge Close	Coniston Green Slate Co.	—	—
Gawthwaite, Lowick	John Gunson	—	—
Ghyll, Tilberthwaite	Ghyll Slate Co.	—	—
Saddlestone and Moor, Coniston Fell.	T. and J. Mandall	—	—
Steps End, Tilberthwaite	J. and J. Bircketts	—	—
Totals, estimated		1,500	3,000
<b>LEICESTERSHIRE:</b>			
Groby, Leicester	John Ellis and Sons	—	—
Swithland, Loughboro'	Ditto	—	—
Totals		500	1,000

Slates and Slabs—continued.

Name and Situation of Quarry or Mine.	Owner.	Quantity.	Value at the Mine or Quarry.
ENGLAND AND WALES—cont.			
MERIONETHSHIRE:		Tons:	£
Abercorris - - -	Abercorris Slate and Slab Co., Ltd.	542	1,413
Abercwmeddaw, Corris - - -	Abercwmeddaw Slate Quarry Co., Ltd.	*—	*—
Aberllefenny, Corris - - -	Robert Davies Pryce - - -	4,421	8,874
Braichgoch and Gaewern, Corris -	Braichgoch Slate Quarry Co., Ltd.	4,823	10,370
Bryn Eglwys and Cantrybedd, Abergynolwyn.	William McConnel - - -	7,067	14,177
Bwlch-y-Slater, Festiniog - - -	Bwlch-y-Slater Quarry Co., Ltd.	1,058	2,222
Craig Ddu, Blaenau Festiniog - -	Craig Ddu Slate Co., Ltd. - -	2,043	5,072
Crown, Dolgelly - - -	William Boggett - - -	130	100
Cwmebol, Pennal, Towyn - - -	Cwmebol Slate Co. - - -	230	398
Cwmorthin, Tan-y-grisiau, Festiniog.	Cwmorthin Slate Co., Ltd. - -	11,610	*—
Cymerau, Corris - - -	Horatio N. Hughes - - -	748	2,057
Dee Side, Llangollen - - -	Moelferna and Dee Side Slate and Slab Co., Ltd.	*—	*—
Diphwys Casson, Blaenau Festiniog.	Diphwys Casson Slate Co., Ltd. -	5,209	14,351
Goleuvern, Llangelynin - - -	G. A. Walker & Co. - - -	*—	*—
Henddol, Dolgelly - - -	G. A. Walker & Co. - - -	468	*—
Hendreddu, Aberangell - - -	D. and J. Bradwell - - -	618	1,545
Llechwedd, Blaenau Festiniog - -	J. W. Greaves and Sons - - -	23,788	63,038
Llanderfel, Corwen - - -	Llanderfel Slate and Slab Co., Ltd.	15	39
Maen Offeren, Blaenau Festiniog	Maen Offeren Slate Quarry Co., Ltd.	8,639	23,678
Manod, Festiniog - - -	Manod Slate Quarry Co. - - -	25	74
Minllyn, Dinas Mawddwy - - -	Carlyle Slate and Slab Co., Ltd.	1,600	3,200
Moelferna, Llangollen - - -	Moelferna and Dee Side Slate and Slab Co., Ltd.	1,500	1,930
New Conglog, Tan-y-grisiau, Festiniog.	New Conglog Slate and Slab Co., Ltd.	425	995
Oakeley Middle Quarry, Blaenau Festiniog.	Oakeley Slate Quarries Co., Ltd.	11,186	32,455
Oakeley Upper Quarry, Blaenau Festiniog.	Ditto - - -	12,906	38,616
Palmerston, Blaenau Festiniog - -	Welsh Slate Co. - - -	29,291	87,500
Park, Llanfrothen - - -	James Staveley - - -	404	1,210
Penarth, Corwen - - -	J. Parry Jones and Edward H. Phillips.	453	623
Ratgoed, Corris - - -	Horatio N. Hughes - - -	234	626
Rhosydd, Tan-y-grisiau, Blaenau Festiniog.	New Rhosydd Slate Quarry Co., Ltd.	5,937	15,174
Voelgron, Festiniog - - -	William Jones and O. R. Owen -	102	230
Votty and Bowydd, Blaenau Festiniog.	Votty and Bowydd Slate Quarries Co., Ltd.	10,667	28,800
Wrysgan, Tan-y-grisiau, Blaenau Festiniog.	Wrysgan Slate Quarry Co., Ltd.	441	1,254
	* Returns given confidentially -	3,895	43,893
Totals - - -	- - -	150,475	403,914
MONTGOMERYSHIRE:			
Gartheiniog, Dinas Mawddwy - -	Owen and Mallory - - -	*—	*—
Llwyngwern, Corris - - -	J. Lloyd Jones and Son - - -	*—	*—
Rhiwarth, Llangynog - - -	Rhiwarth Slate and Slab Co. - -	560	1,120
Rhiwgreiddyn, Machynlleth	Jeremiah Williams - - -	*—	*—
	* Returns given confidentially -	336	694
Totals - - -	- - -	896	1,814
SOMERSETSHIRE:			
Okehampton, Wiveliscombe (standing).	Henry Bellew - - -	—	—
Treborough, Washford - - -	W. Pritchard and Son - - -	—	—
Totals, estimated - - -	- - -	1,000	2,000

Dressed Slates and Slabs—*continued.*

Name and Situation of Quarry or Mine.	Owner.	Quantity.	Value at the Mine or Quarry.
ENGLAND AND WALES— <i>cont.</i>			
		Tons.	£
WESTMORELAND:			
Applethwaite Fell	George H. Pattinson	130	195
Banks, Elterwater	John Bowness	125	155
Elterwater, Elterwater	Elterwater Green Slate Co., Ltd.	459	1,606
Fell Head, Kentmere	John Storey	53	106
Kirkstone	Jackson and Hawkrigg	102	204
Longrigg, Elterwater	Thomas Newton	260	520
Scott Coppy, Elterwater	F. M. L. Jones	6	12
Troutbeck Park, Troutbeck	Troutbeck Park Green Slate, Co., Ltd.	70	175
Totals		1,205	2,973
YORKSHIRE:			
Cragg End, Arkengarthdale (Slates)	Joseph Smith	80	54
Ditto ditto (Flags)			
East Quarry, Burtersett (Slates)	Richard Metcalfe	2,075	648
Ditto ditto (Flags)			
Gayle, Hawes (Slates)	John Smith	330	250
Ditto (Walling)			
Leavy, Burtersett, Hawes	Thomas Metcalfe	1,200	540
Penhill, West Witton	Robinson Brothers	300	170
Penhill Park, West Witton (Slates)	John James and Son	275	155
Sirafton, Bedale	Christopher Other	—	—
Stagsfell, Hawes (Slates and Flags)	Alexander Alton	345	230
Totals		4,605	2,047
SCOTLAND.			
ARGYLLSHIRE:			
Ballachulish, Ballachulish	Dr. Campbell	15,242	24,081
Belnahua, Island of Belnahua	J. and H. Shaw & Co.	1,670	2,995
Clachan, Ardshellock	Marquis of Breadalbane	150	315
Cullipool, Island of Luing	Cullipool Slate Co.	2,820	750
Easdale	— White	—	—
Totals		19,882	28,141
DUMBARTONSHIRE:			
Luss, Luss	Archibald Wilson	800	1,400
PERTHSHIRE:			
Birnam, Birnam	J. A. Harris	300	600
Craiglea	Anderson & Co.	—	—
Quarry, near Trossachs	—	—	—
IRELAND.			
MUNSTER:			
Bantry Bay Slate and Slab Co.	Dronkeal, Bantry, Co. Cork	} See Stone.	
Benduff and Troe Slate Co.	Rosscarbery, Co. Cork		
Clerke, William	Drimoleague, Bantry, Co. Cork		
Cooladreen Slate Co., Limited	Cononagh, Leap, Co. Cork		
17, Albert Buildings, Liverpool.			
Killaloe Slate Co., Limited	Killaloe, Nenagh, Co. Tipperary		
McCarthy, John	Rossmore, Durrus, Bantry		
Mercer, William	Ormond, Carrick-on-Suir, Co. Tipperary		
Robinson, George, J.P.	Dromusta, Drimoleague, Co. Cork		
Victoria Slate Co., Ltd.	Ahenny, Carrick-on-Suir, Co. Tipperary		

## SUMMARY of the PRODUCTION of SLATES and SLABS.

Counties.	Quantities.	Value at the Mines or Quarries.
ENGLAND AND WALES.		
	Tons.	£
Breconshire - - - - -	66	112
Carnarvonshire - - - - -	281,791	687,164
Cornwall - - - - -	14,288	25,132
Cumberland - - - - -	1,874	4,950
Denbighshire - - - - -	4,030	7,182
Devonshire - - - - -	1,450	1,950
Durham - - - - -	1,002	641
Lancashire - - - - -	1,500	3,000
Leicestershire - - - - -	500	1,000
Merionethshire - - - - -	150,475	403,914
Montgomeryshire - - - - -	896	1,814
Somersetshire - - - - -	1,000	2,000
Westmoreland - - - - -	1,205	2,973
Yorkshire - - - - -	4,605	2,047
TOTALS - - - - -	464,682	1,143,879
SCOTLAND.		
Argyleshire - - - - -	19,882	28,141
Dumbartonshire - - - - -	800	1,400
Perthshire - - - - -	300	600
TOTALS - - - - -	20,982	30,141
IRELAND. See Stone.		
TOTALS FOR GREAT BRITAIN - - - - -	485,664	1,174,020

## QUANTITIES and VALUE of ROOFING SLATES EXPORTED from the UNITED KINGDOM in the Year 1884 and the previous Year. (Return by Board of Customs.)

Countries to which sent.	1883.		1884.	
	Quantities.	Declared Value.	Quantities.	Declared Value.
	Number.	£	Number.	£
Sweden - - - - -	51,300	623	70,000	831
Norway - - - - -	-	-	1,500	20
Denmark - - - - -	2,809,800	35,029	3,094,900	34,304
Germany - - - - -	24,378,800	122,228	35,077,900	163,321
Holland - - - - -	323,500	812	556,400	1,887
Belgium - - - - -	735,700	1,404	323,500	436
Channel Islands - - - - -	409,800	3,060	571,600	4,046
France - - - - -	1,932,000	3,164	2,500,200	4,175
Spain - - - - -	16,200	136	-	-
Gibraltar - - - - -	2,400	28	2,400	22
Italy - - - - -	91,000	794	17,500	248
Austrian Territories - - - - -	688,000	1,376	307,500	478
Turkey, European - - - - -	-	-	2,500	40
West Coast of Africa (British) - - - - -	13,100	155	25,700	188
British Possessions in South Africa - - - - -	487,300	3,466	178,400	1,213
British East Indies - - - - -	61,700	666	139,500	931
Australasia - - - - -	2,025,500	16,726	5,735,700	37,474
United States of America on the Atlantic - - - - -	303,100	1,212	124,900	415
British West India Islands and Guiana - - - - -	90,400	921	101,900	735
British Honduras - - - - -	-	-	2,300	28
Foreign West Indies - - - - -	5,000	60	-	-
Uruguay - - - - -	-	-	27,800	175
Argentine Republic - - - - -	69,800	397	173,500	857
TOTALS - - - - -	34,544,400	192,257	49,085,600	251,824

Steel. See IRON.

## Stone, &amp;c.

## STONE, &amp;c. from MINES.

The following Returns of Stone from Mines have been received, but they are incomplete.

**B.** signifies Building Stone; **G.** Gannister; **L.** Limestone.

## STONE from MINES under the COAL MINES ACT.

County.	Tons.	Value at the Mines.
<b>ENGLAND AND WALES:</b>		
Cumberland - - - - - <b>G.</b>	1,594	£
Gloucestershire (Forest of Dean) - - - - - <b>B.</b>	450	—
Derbyshire - - - - - <b>G.</b>	182	—
Monmouthshire - - - - - <b>B.G.L.</b>	43,054	—
Northumberland - - - - - <b>L.</b>	1,444	—
Yorkshire, East - - - - - <b>G.</b>	45,769	—
<b>SCOTLAND, West</b> - - - - - <b>L.</b>	26,734	—
Totals - - - - -	119,227	19,266

## STONE from MINES under the METALLIFEROUS MINES ACT.

Name and Situation of the Mine.	Quantity.	Value at the Mine.
<b>CUMBERLAND:</b>		
Salter Hall, Salter - - - - - <b>L.</b>	Tons. 41,539	£ 4,154
<b>DERBYSHIRE:</b>		
Bage, Bolehill, near Wirksworth - - - - - <b>L.</b>	—	—
Breck Hollow, Wirksworth - - - - - "	—	—
Brightside, Hassop - - - - - "	—	—
Mill Close, Darley - - - - - "	—	—
Wakebridge, near Crich - - - - - "	—	—
White Coe, Hassop - - - - - "	—	—
Totals - - - - -	2,026	300
<b>DORSETSHIRE:</b>		
Totals - - - - - <b>L.</b>	10,043	5,021
<b>DURHAM:</b>		
Hargill, Beechburn, near Crook - - - - - ( <i>Whinstone</i> )	1,730	—
Tudhoe, Spennymoor - - - - - "	2,807	—
Totals - - - - -	4,537	794
<b>FLINTSHIRE:</b>		
Grange, Holywell - - - - - <b>L.</b>	3,453	820
Nant, Holywell - - - - - "	742	250
Totals - - - - -	4,195	1,070
<b>GLOUCESTERSHIRE:</b>		
Ballsgreen, Ballsgreen - - - - - ( <i>Freestone</i> )	178	—
Crosshands, Old Sudbury - - - - - "	50	—
Painswick, near Nailsworth - - - - - "	11	—
Scar Hill, near Nailsworth - - - - - "	140	—
Tormaston - - - - - "	1	—
Walkley Wood, Horsley - - - - - "	90	—
Walls, Painswick - - - - - "	354	—
Totals - - - - -	824	255
<b>LANCASHIRE:</b>		
Ardwick Limeworks, Manchester - - - - - ( <i>Hydraulic Limestone</i> )	1,500	1,650
Several Mines - - - - - ( <i>Flag, Grey Slate, and Paving</i> )	Unknown	24,160
Totals - - - - -	—	25,810
<b>LEICESTERSHIRE:</b>		
Barrow-on-Soar - - - - -	—	—
Totals, included with Northamptonshire, p. 108 - - - - -	—	—

## Stone, &amp;c. from Mines—continued.

Name and Situation of the Mine.	Quantity.	Value at the Mine.
<b>SHROPSHIRE:</b>		
Snailbeach - - - - - (Calc-spar)	Tons. 614	£ 15
Steeraway - - - - - L.	7,300	1,825
Totals - - - - -	7,914	1,840
<b>SOMERSETSHIRE:</b>		
Combe Down, Bath - - - - - (Freestone)	312	—
Stoke, near Limpley Stoke - - - - -	4,394	—
Stoke and Combe Down, Freshford - - - - -	4,505	—
Totals - - - - -	9,211	2,303
<b>STAFFORDSHIRE, SOUTH:</b>		
(Silurian Limestone) - - - - -	65,715	11,226
<b>WILTSHIRE:</b>		
Box Hill, Farleigh Down, and Monks Park, Corsham - (Freestone)	5,563	—
Box, Box Hill - - - - - "	685	—
Box No. 4, Box - - - - - "	768	—
Candlehouse, Box - - - - - "	1,594	—
Clift, Box - - - - - "	7,634	—
Corsham Down, Corsham - - - - - "	8,430	—
Ditto Box, and Farleigh - - - - - "	29,425	—
Farleigh, Farleigh - - - - - "	724	—
Ditto New Quarry - - - - - "	3,236	—
Ditto Box and Kingsdown - - - - - "	5,000	—
Ditto Monkton, Farleigh - - - - - "	3,895	—
Hudswell, Corsham - - - - - "	6,789	—
Kingsdown, Box - - - - - "	327	—
Lower Hill, Box - - - - - "	1,521	—
Monks, Corsham - - - - - "	2,156	—
Park Lane, Corsham - - - - - "	1,416	—
Poulton, Frome Road, Bradford - - - - - "	318	—
Ditto Bradford-on-Avon - - - - - "	1,400	—
Ridge, Corsham - - - - - "	6,967	—
Ditto ditto - - - - - "	3,165	—
Spring, Corsham - - - - - "	12,840	—
Stone Hill - - - - - "	140	—
Westwood, Bradford-on-Avon - - - - - "	5,959	—
Ditto Westwood - - - - - "	3,005	—
Totals - - - - -	113,957	28,489
<b>WORCESTERSHIRE:</b>		
(Silurian Limestone) - - - - -	46,784	7,993
<b>YORKSHIRE—EAST AND WEST RIDING:</b>		
Bentley and Rayes, No. 1, Longroyd Rastrick - - - - - (Stone)	3,406	—
Ditto ditto No. 2, ditto - - - - - "	2,141	—
Broomfield, Lightcliffe Road - - - - - "	2,700	—
Cliff Lane, No. 3, Bradford - - - - - (Freestone)	5,000	—
Guide Moor, Allerton, near Bradford - - - - - "	2,000	—
Harpfield, Brighouse - - - - - (Stone)	1,600	—
Hill Top and Stubbins, Lightcliffe - - - - - "	100	—
Ditto Lightcliffe - - - - - "	1,500	—
Ditto ditto - - - - - (Freestone)	12,000	—
Idle and Rastrick - - - - - "	5,000	—
Lane Head, Brighouse - - - - - (Stone)	1,500	—
Ditto ditto - - - - - (Freestone)	440	—
Ditto ditto - - - - - "	1,400	—
Legrams Lane, Horton, Bradford - - - - - (Stone)	2,100	—
Lightcliffe, No. 1, Lightcliffe - - - - - "	460	—
Ditto Road, No. 1, Brighouse - - - - - "	2,020	—
Ditto ditto, No. 2, ditto - - - - - "	2,120	—
Lillands, Nos. 5 and 15, Rastrick, Halifax - - - - - (Freestone)	1,268	—
Ditto No. 3, Rastrick, Halifax - - - - - "	1,506	—
Longwood House, Huddersfield - - - - - (Flagstone)	1,800	—
Moor Hays, Fixby, Huddersfield - - - - - (Freestone)	432	—
Mounts, Brighouse - - - - - (Stone)	834	—
Park, Northowram, near Halifax - - - - - (Freestone)	1,500	—
Pinfold, Fixby, Huddersfield - - - - - (Stone)	650	—
Pond, Brighouse - - - - - "	1,500	—
Slaters, Southowram - - - - - (Freestone)	1,200	—
Stubens or Alma House, Brighouse - - - - - (Stone)	1,700	—
Summerleys Idle, near Bradford - - - - - "	625	—
West End, Guyscliffe, near Pateley Bridge - - - - - (Flagstone)	2,000	—
Totals - - - - -	60,502	45,377

Stone, &c. from Mines—*continued.*

Name and Situation of the Mine.	Quantity.	Value at the Mine.
SCOTLAND (Western District):		
Ayr - - - - -	Tons. 12,334	£ —
Dumfries - - - - -	1,879	—
Lanark - - - - -	13,330	—
Ditto - - - - -	1,133	—
Renfrew - - - - -	1,440	—
Ditto - - - - -	23,500	—
Stirling - - - - -	6,189	—
Totals - - - - -	59,805	12,163
TOTALS OF RETURNS RECEIVED FOR THE UNITED KINGDOM -	547,779	166,009

## STONE FROM OPENWORKS.

DURHAM:			
Heights, Weardale - - - - -	(Limestone)	Tons.	27,775
Ditto ditto - - - - -	(Freestone)		195
Oak Bank, Lynesack, and Toftley - - - - -	"		337
Oak Bank ditto - - - - -	"		440
Stanhope, Stanhope - - - - -	(Whinstone)		5,512
West Pasture, Weardale - - - - -	(Limestone)		13,117
Yunstall, Wolsingham - - - - -	"		232
Total - - - - -			47,608
Value 3,804 <i>l.</i> , included in General Table.			
NORTHAMPTONSHIRE:			
Thrapston - - - - -		£	—
Total (including Leicestershire) - - - - -			51,255
Value 6,031 <i>l.</i> , included in General Table.			
YORKSHIRE—NORTH RIDING:			
Cliffrigg and Slacks, Great Ayton - - - - -	(Whinstone)		20,575
Grosment, Grosment - - - - -	"		12,932
Ditto Goathland - - - - -	(Basalt)		1,719
Laugbaugh, Great Ayton - - - - -	(Whinstone)		7,465
Total - - - - -			42,691
Value 4,868 <i>l.</i> , included in General Table.			

No reliable account of the quantity of Stone, &c. wrought can be made in consequence of the incompleteness of the returns, but an estimate of the value has been made as follows:—

According to the Census Tables the following persons were employed in working stone, &c.:—

Occupation.	In England and Wales.				In Scotland.		In Ireland.	
	1871.		1881.		1871.	1881.	1871.	1881.
	Males.	Females.	Males.	Females.	Males.	Males.	Males.	Males.
Stone Quarrier - - - - -	25,681	-	28,870	-	7,454	6,461	4,176	1,210
Do. Merchant - - - - -	6,049	-	6,847	-	195	2,584	1,796	3,413
Slate Quarrier - - - - -	9,793	-	14,900	-	942	762		
Limestone Quarrier, Lime Burner - - - - -	5,194	-	3,270	39	1,060	1,005	274	201*
Clay Labourer - - - - -	2,389	133	4,722	122	-	84	232	57
Brickmaker, Dealer - - - - -	36,249	2,530	47,337	2,738	2,047	2,846		
Totals - - - - -	85,355	2,663	105,946	2,899	11,698	13,742	6,478	5,408

\* Limestone Quarrier, Burner.

The Value of the Stone wrought is estimated in the following General Table, from data obtained as to the value of the Stone produced per person employed in the respective portions of the Kingdom :—

	No. of Persons.	Estimated Value at the Works.
<b>ENGLAND AND WALES :</b>		
Chalk, Flint, Limestone, Sandstone-slate, Sandstone-flags, Slate, and Stone of other kinds.	108,845	£ 8,707,600
<b>SCOTLAND :</b>		
Limestone, Sandstone slate, Sandstone-flags, Slate, Slate Slabs, and Stone of other kinds.	13,742	1,030,650
<b>IRELAND :</b>		
Clay, Gravel, Limestone, Sand, Slate, Slate Slabs, and Stone of other kinds	5,408	286,624
Totals for the United Kingdom, including Slate	127,995	10,024,874
Less, included under Slate :—		
	Persons.	Value.
England and Wales	14,900	1,143,879
Scotland	762	30,141
Totals for the United Kingdom, excluding Slate	112,333	8,850,854

**Strontia.**

Situation.	Quantity.	Value.
<b>GLOUCESTERSHIRE AND SOMERSETSHIRE :</b>		
Sundry open workings	Tons. 11,422	£ 22,844

**Tin Ore.**

**1. TIN ORE obtained from MINES.**

Name and Situation of Mine.	Dressed Tin Ore ( <i>Black Tin</i> ), including that which is contained in Tin Ore sold undressed.			Tin Ore sold undressed ( <i>Tin Stuff</i> ).		Amount of Tin obtainable in Smelting.	Value of Ore at the Mine.
	Tons.	cwts.	qrs.	Tons.	cwts.		
<b>CORNWALL :</b>							
Blue Hills, St. Agnes	53	0	0	-	-	-	£ 2,425
Botallack, St. Just	231	1	1	-	-	-	10,389
Cariggan Rock, Roche	9	0	0	-	-	-	435
Cathedral Consols, Gwennap	1	1	0	-	-	-	49
Camborne Vean, Camborne	0	1	2	14	0	-	3
Carn Brea, Illogan	463	18	2	-	-	-	20,248
Cook's Kitchen, Illogan	175	5	1	-	-	-	8,035
Creegbrawse, Chacewater	5	4	1	134	6	-	207
Dolcoath, Camborne	2,423	3	1	-	-	-	113,965
Drakevells, Calstock	79	2	0	-	-	-	3,585
East Crinnis	2	8	1	-	-	-	114
East Blue Hills, St. Agnes	19	15	0	-	-	-	885
East Pool, Carn Brea	1,573	0	0	-	-	-	69,343
Ditto ditto (" <i>Halvans</i> ")	14	0	0	746	0	-	818
East Tregembo, Hayle	3	13	0	-	-	-	179
East Uny, Redruth	17	5	0	-	-	-	444
East Wheal Lovell, Wendron	7	5	0	-	-	-	306
Great Wheal Fortune, Breage	15	18	0	-	-	-	578
Great Work, Germoe	109	10	2	-	-	-	5,643
Goodevere, St. Cleer	0	15	3	-	-	-	38
Hawk's Point, Lillant	0	6	0	-	-	-	6
Killifreth, Kenwyn	153	5	0	-	-	-	7,059
Kit Hill United and Excelsior	3	10	0	300	0	-	150
Levant, St. Just	316	15	0	-	-	-	14,498
Lovell, Wendron	11	12	2	-	-	-	531
Marke Valley, Linkinhorne	41	12	3	-	-	-	1,831
Mellanear, Hayle	4	12	1	94	0	-	208
Mengern and Combellaek, Wendron	23	4	2	-	-	-	1,158
Mount Carbis, Redruth (" <i>White</i> ")	23	10	0	-	-	-	960

1. Tin Ore obtained from Mines—*continued.*

Name and Situation of Mine.	Dressed Tin Ore ( <i>Black Tin</i> ), including that which is contained in Tin Ore sold undressed.			Tin Ore, sold undressed ( <i>Tin Stuff</i> ).	Amount of Tin obtainable in Smelting.	Value of Ore at the Mine.		
	Tons.	cwts.	qrs.				Tons.	cwts.
<b>CORNWALL—<i>continued.</i></b>								
Mount's Bay Consols, Breage	18	3	2	-	-	-	-	800
New Cook's Kitchen, Illogan	16	12	0	866	0	-	-	453
New Great Wheal Vor, Breage	0	1	2	3	0	-	-	2
New Phoenix, Altarnun	2	17	2	-	-	-	-	133
New Terras, St. Stephens	5	0	0	-	-	-	-	226
New Trumpet Consols, Wendron	1	3	0	-	-	-	-	43
Ninnis Downs, St. Mewan	0	10	0	-	-	-	-	22
North Busy United, Scorrier	3	14	0	64	19	-	-	131
North Levant, St. Just	72	3	3	-	-	-	-	3,204
North Metal, Sithney	0	19	3	-	-	-	-	42
North Penstruthal, Gwennap	0	4	0	1	0	-	-	7
North Treskerby, St. Agnes	0	1	0	10	0	-	-	2
Okei Tor and Cotehele Consols, Calstock	10	10	0	-	-	-	-	466
Owen Vean and Tregurtha Downs, St. Hilary.	65	16	3	-	-	-	-	2,881
Par Tin Mine, St. Blazey	0	5	3	-	-	-	-	13
Pednandrea United, Redruth	162	0	0	-	-	-	-	7,386
Penhalls, St. Agnes	25	0	0	-	-	-	-	1,153
Pentruff, Trethursey	6	2	3	-	-	-	-	307
Phoenix and West Phoenix United, Linkinghorne.	552	2	3	-	-	-	-	24,780
Polberro, St. Agnes	6	14	0	-	-	-	-	318
Polcrebo	11	10	0	407	10	-	-	519
Polgooth, St. Austell	1	10	0	-	-	-	-	68
Prince of Wales, Calstock	30	10	0	-	-	-	-	1,444
Saint Ives Consols, St. Ives	54	15	3	-	-	-	-	2,424
Saint Just United, St. Just	270	0	0	-	-	-	-	12,900
South Condurrow, Camborne	546	0	0	-	-	-	-	26,032
South Phoenix, Linkinghorne	26	17	0	-	-	-	-	1,384
South Tolcarne, Camborne	64	17	0	-	-	-	-	3,166
South Wheal Crofty, Illogan	169	12	3	-	-	-	-	7,143
South Wheal Frances, Illogan	433	8	3	-	-	-	-	19,860
South Wheal Prudence	23	14	0	-	-	-	-	1,026
Tincroft, Illogan	456	14	0	-	-	-	-	19,706
Trebartha Lemaerne, Callington	11	2	3	-	-	-	-	453
Tregeagle, St. Neot	0	8	2	-	-	-	-	12
Tregembo, Marazion	11	6	3	-	-	-	-	544
Tregontrees and Old Polgooth Consols, St. Austell.	22	1	2	-	-	-	-	1,069
Tresavean, Gwennap	12	7	3	-	-	-	-	522
Trevaunance United, St. Agnes	10	0	0	-	-	-	-	452
West Basset, Illogan	479	13	3	-	-	-	-	20,320
West Budnick	1	17	2	-	-	-	-	82
West Godolphin, Breage	67	14	0	-	-	-	-	3,357
West Poldice United, Gwennap	48	16	2	-	-	-	-	1,844
West Wheal Eliza, St. Austell	3	2	0	-	-	-	-	133
West Wheal Frances, Illogan	394	9	3	-	-	-	-	17,850
West Wheal Jane, Baldhu	3	8	0	320	0	-	-	136
West Wheal Kitty, St. Agnes	372	0	0	-	-	-	-	16,833
West Wheal Peavor, Redruth	17	16	0	-	-	-	-	745
West Wheal Seton, Camborne	203	10	1	-	-	-	-	9,238
Wheal Agar, Illogan	582	18	2	-	-	-	-	26,287
Wheal Arthur, Mine Stamps, Calstock	2	4	0	-	-	-	-	116
Wheal Basset, Illogan	267	3	0	-	-	-	-	12,672
Wheal Benny, Latchley	6	3	1	-	-	-	-	252
Wheal Coates, St. Agnes	13	0	0	-	-	-	-	588
Wheal Coit and Wheal Friendly	1	8	0	-	-	-	-	63
Wheal Comford and North Tresavean, Gwennap.	14	8	1	-	-	-	-	640
Wheal Eliza Consols, St. Austell	483	13	2	-	-	-	-	23,781
Wheal Grenville, Camborne	463	2	2	-	-	-	-	22,174
Wheal Jane, Baldhu, Kea	85	0	0	-	-	-	-	3,686
Ditto ditto	5	10	0	692	0	-	-	241
Wheal Jennings, Gwincar	10	3	3	-	-	-	-	443
Wheal Kitty, St. Agnes	175	5	2	-	-	-	-	8,340
Wheal Owles, St. Just	245	0	0	-	-	-	-	11,086
Wheal Peavor, Redruth	81	0	0	-	-	-	-	3,555
Wheal Sisters, Hayle	359	12	0	-	-	-	-	16,070
Wheal Uny, Illogan	243	0	0	-	-	-	-	10,653
Sundry Mines not named	34	0	0	-	-	-	-	1,526
Totals	13,554	14	0	*3,652	15	8,709	0	617,894

\* Estimated to contain 68 tons 8 cwt. of black tin, as shown in column "Dressed Tin Ore."

1. Tin Ore obtained from Mines—*continued.*

Name and Situation of Mine.	Dressed Tin Ore. (Black Tin.)	Amount of Tin obtainable in Smelting.	Value of the Ore at the Mine.
DEVONSHIRE:			
	Tons. cwts. qrs.	Tons. cwts. qrs.	£
Anderton, Whitchurch - - - - -	7 0 0	- - -	286
Devon Friendship, Mary Tavy - - - - -	10 15 0	- - -	448
Golden Dagger, Manaton - - - - -	0 19 3	- - -	44
Yeoland Consols, Horrabridge - - - - -	7 15 0	- - -	325
Totals - - - - -	26 9 3	14 10 0	1,103

## 2. TIN ORE obtained from OPENWORKS.

Name and Situation of Open Work.	Owner.	Dressed Tin Ore. (Black Tin.)	Amount of Tin obtainable in Smelting.	Value of the Ore at the Open- work.
CORNWALL:				
		Tons. cwts. qrs.	Tons. cwts. qrs.	£
Minear Downs, St. Austell - - - - -	J. Lovering & Co. - - - - -	56 0 0	- - -	2,675
Mulberry, Withiel - - - - -	David Cock - - - - -	29 11 1	- - -	1,651
Wheal Prosper, Lanivet - - - - -	John Leys - - - - -	34 6 2	- - -	1,593
Wheal Grey, Germoe (35 tons undressed).	Wheal Grey Clay and Brick Co.	0 15 0	- - -	22
Totals - - - - -	- - - - -	120 12 3	72 5 0	5,941

3. TIN ORE obtained from FORESHORES, and from the REFUSE of DRESSING FLOORS  
flowing into Streams and Rivers.

Names of Works.	Dressed Tin Ore. (Black Tin.)	Amount of Tin obtainable in Smelting.	Value of the Ore at the Works.
CORNWALL:			
Returns received from the Duchy of Cornwall Office including:—*Crinnis Beach, Chapel Porth River, Clegger Porth, Helston Stream, Letcha Foreshore, Perran Porth, Porth Towan, Porth Towan River, Short Horn Beach, Tregonetha Common, Trevaunance Beach, Trevellas Beach, and Trevellas River.	Tons. cwts. 21 15	Tons. cwts. 13 0	£ 876
From Red River, together with river from Carn Brea and Tincroft.	1,154 2	635 0	35,016
From river from Wheal Basset, West Basset, Wheal Uny, &c. to Portneath.	171 17	93 0	6,039
From Crinnis Moor, Knowle, Oakbottom, Porthleven Valley, Trewithen, and Wheal Vor Flow.	67 9	37 0	2,385
Totals - - - - -	1,415 3	778 0	44,316

\* For list of Tin Stream Works in Cornwall, see page 254.

## GENERAL SUMMARY of the PRODUCE of TIN ORE.

Mines and other Works.	Dressed Tin Ore. (Black Tin.)	Amount of Tin obtainable by Smelting.	Value of the Tin Ore at the Mines or Works.
<b>CORNWALL:</b>	Tons. cwts.	Tons. cwts.	£
1. Tin Ore obtained from Mines - - - -	13,554 14	8,709 0	617,894
2. Tin Ore obtained from Open Works - - - -	120 13	72 5	5,941
3. Tin Ore obtained from Foreshores, and the Refuse of Dressing Floors.	1,415 3	778 0	44,316
Totals - - - - -	15,090 10	9,559 5	668,151
<b>DEVONSHIRE:</b>			
1. Tin Ore obtained from Mines - - - -	26 10	14 10	1,103
Totals for the United Kingdom - - - -	15,117 0	9,573 15	669,254

The value of the above quantity of Metallic Tin according to the average market price for the year is 809,740*l.*

## The AVERAGE PRICES per TON of DRESSED TIN ORE (BLACK TIN) and METALLIC TIN for 1884 and the previous Year.

Year.	Dressed Tin Ore. (Black Tin.)	Metallic Tin. (English Block.)	Year.	Dressed Tin Ore. (Black Tin.)	Metallic Tin. (English Block.)
1883	£ s. d. 50 16 0	£ s. d. 97 1 6	1884	£ s. d. 44 5 0	£ s. d. 84 11 7

## AVERAGE MONTHLY PRICES of METALLIC TIN per TON in the LONDON MARKET.

Month.	English Tin.		Foreign Tin.	
	Block.	Refined.	Australian.	Straits.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.
January - - - - -	87 17 6	89 17 6	83 0 6	83 0 6
February - - - - -	87 14 3	89 2 0	82 5 6	82 5 9
March - - - - -	87 5 0	89 0 0	83 2 0	83 2 0
April - - - - -	87 17 9	89 17 9	84 7 3	84 2 3
May - - - - -	89 10 0	91 0 0	85 2 6	85 0 0
June - - - - -	85 15 0	87 15 0	82 15 3	82 15 3
July - - - - -	85 3 9	87 3 9	82 16 0	82 16 0
August - - - - -	85 6 0	87 6 0	83 0 6	82 10 9
September - - - - -	83 18 9	85 13 9	82 2 0	81 18 0
October - - - - -	79 2 0	81 2 0	75 13 6	75 4 9
November - - - - -	78 2 6	80 2 6	75 5 3	75 0 8
December - - - - -	77 6 3	79 16 3	74 13 6	74 2 3
Highest prices for the year - - - - -	90 0 0	92 0 0	86 10 0	86 10 0
Lowest „ „ „ - - - - -	76 0 0	78 0 0	74 0 0	73 12 6
Average prices for the year - - - - -	84 11 7	85 13 0	81 3 8	80 19 10

TIN ORE purchased by the SMELTERS, from the MINES of CORNWALL and DEVON, during 1884 and previous Year. (Furnished by Mr. T. S. Bolitho, Penzance.)

Year.	Dressed Tin Ore. (Black Tin.)	Metallic Tin.	Year.	Dressed Tin Ore. (Black Tin.)	Metallic Tin.
1883	Tons. 14,829	Tons. —	1884	Tons. 15,100	Tons. 9,700

### THE TIN STANDARDS.

(Furnished by Messrs. Thomas Bolitho and Sons, Penzance.)

The Standard is the amount paid by the smelter per hundred-weight of metal contained in the ore as calculated from the results of a dry assay, after deduction of 1½ from the produce per 20 (6½ per cent.) for returning charges. By an old trade custom there is also a deduction on the weight of the parcel of tin ore of 3lbs. per cwt. It is customary to reckon the price by the nearest eighth of a £ above or below the calculated price.

Date.	Common.	Superior.	Refined.
On January 1st the Standards were - - - - -	s. 79	s. 81	s. 83
"    7th - - - - - drop 2	77	79	81
April 25th - - - - - rise 2	79	81	83
May 21st - - - - - drop 2	77	79	81
June 12th - - - - - " 2	75	77	79
August 28th - - - - - " 2	73	75	77
September 30th - - - - - " 2	71	73	75
October 8th - - - - - " 2	69	71	73
"    25th - - - - - " 2	67	69	71

### IMPORTS of TIN and TIN ORE into the UNITED KINGDOM. (Return by Board of Customs.)

Countries from which Imported.	Tin Ore.	Value.	Tin :—Blocks, Ingots, and Bars.	Value.
	Tons.	£	Cwts.	£
Russia - - - - -	5	90	—	—
Germany - - - - -	73	1,768	1,033	4,335
Holland - - - - -	101	1,657	7,285	30,767
Belgium - - - - -	10	158	669	2,756
France - - - - -	630	26,276	129	552
Spain - - - - -	9	120	—	—
China - - - - -	-	-	1,090	4,524
Straits Settlements - - - - -	14	356	295,006	1,202,150
Java - - - - -	-	-	19,221	83,655
Australasia:				
South Australia - - - - -	9	500	200	850
Victoria - - - - -	22	880	5,527	22,688
New South Wales - - - - -	14	690	187,790	757,213
Queensland - - - - -	12	505	—	—
Tasmania - - - - -	-	-	2,198	9,203
Peru - - - - -	173	7,318	113	465
Chili - - - - -	17	729	121	545
Argentine Republic - - - - -	-	-	1,109	4,096
Other parts - - - - -	2	60	—	—
Total Imports	1,091	41,107	521,491	2,123,799

## EXPORTS of TIN from the UNITED KINGDOM.

Countries to which Exported.	British.		Foreign.	
	Quantities.	Value.	Quantities.	Value.
	Tons.	£	Tons.	£
Russia :	683	59,046	203	16,725
Northern Ports	197	17,026	55	4,629
Southern Ports	171	14,354	16	1,331
Sweden	46	3,964	5	435
Norway	39	3,311	4	320
Denmark	480	40,320	1,557	126,625
Germany	137	11,353	2,531	209,628
Holland	65	5,500	118	9,755
Belgium	1,586	134,542	1,431	119,877
France	147	12,398	6	495
Portugal, Azores, and Madeira	317	27,275	63	5,050
Spain and the Canaries	225	19,006	620	50,947
Italy	14	1,170	74	6,147
Austrian Territories	84	7,248	—	—
Greece	21	1,761	—	—
Bulgaria	53	4,720	14	1,145
Roumania				
Turkey :				
European	224	19,128	—	—
Asiatic	181	15,971	5	393
Egypt	127	10,958	—	—
British Possessions in South Africa	6	486	—	—
British East Indies	30	2,549	—	—
Australasia :				
New Zealand	10	846	—	—
British North America	223	19,211	50	4,128
United States of America :				
On the Atlantic	176	15,286	7,911	655,346
British West India Islands and British Guiana	8	734	—	—
Foreign West Indies	8	656	—	—
Mexico	7	588	—	—
United States of Colombia	7	634	5	420
Chili	16	1,412	—	—
Brazil	90	7,982	—	—
Uruguay	37	3,149	14	1,186
Argentine Republic	43	3,738	15	1,208
Other parts	33	2,888	4	341
Total Exports	5,491	469,210	14,701	1,216,140

## FOREIGN and COLONIAL TIN and TIN ORE. TOTAL IMPORTS into the UNITED KINGDOM in each of the Ten Years ending 1884.

Year.	From Australasia.		From Holland.		From Straits Settlements.		From Other Parts.		Total Quantities.		Total Values.	
	Ore.	Metal.	Ore.	Metal.	Ore.	Metal.	Ore.	Metal.	Ore.	Metal.	£	£
1875	356	7,415	1	467	26	8,566	8	310	391	16,788	18,814	1,454,988
1876	78	7,196	—	314	—	7,538	264	180	342	15,228	13,017	1,148,542
1877	41	8,896	9	308	10	4,336	268	223	328	13,763	11,452	901,398
1878	230	10,364	—	209	—	5,795	337	276	567	16,644	15,916	1,041,026
1879	158	8,262	—	971	—	7,260	149	270	300	16,763	6,063	1,143,065
1880	150	9,401	—	1,671	—	7,871	40	555	100	10,498	3,748	1,736,006
1881	70	9,538	97	235	—	9,142	344	1,395	511	20,310	17,671	1,873,472
1882	56	10,673	92	106	—	12,751	521	767	669	24,287	27,480	2,538,577
1883	26	10,964	82	173	—	14,012	1,048	5,903	1,166	26,052	42,284	2,442,969
1884	57	9,786	101	364	14	14,750	919	1,175	1,091	26,075	41,107	2,123,799

## LIST of TIN SMELTERS in the UNITED KINGDOM.

Owner of Smelting Works.	Situation of Works.
<b>CORNWALL:</b>	
Bolitho, Thomas, & Sons - - - -	Chyandour, Penzance.
Calenick Tin Smelting Co. - - - -	Calenick, Truro.
Charlestown Tin Smelting Co. - - - -	Charlestown, Saint Austell.
Daubuz & Co. - - - -	Carvedras, Truro.
Michell, R. R., & Co. - - - -	Trereife, Penzance.
Penpoll Tin Co. - - - -	Truro.
Redruth Tin Smelting Co. - - - -	Redruth.
Williams, Harvey, & Co. - - - -	Trethellan, Truro, and Mellanear, Hayle.
<b>DEVONSHIRE:</b>	
Tamar Tin Smelting Co., Ltd. - - - -	Bceralston. 41, George Street, Plymouth.

**Tinplates.** See IRON.

**Umber.** See OCHRE.

**Wolfram.**

Name and Situation of Mine.	Owner.	Quantity.	Value at the Mine.
<b>CORNWALL:</b>			
East Pool, Illogan - - - -	East Pool Mining Co. - - - -	Tons. cwts. 63 0	£ 1,089
Wheal Agar, Redruth - - - -	Wheal Agar Adventurers - - - -	1 2½	15
Totals - - - -	- - - -	64 2½	1,104

**Zinc Ore.**

The loss of Zinc in smelting British Ores varies from 15 to 24 per cent. of the amount of metal in the Ore.  
Due allowance has been made for this loss.

Name and Situation of Mine.	Zinc Ore.	Per-centage of Metal by Assay.	Amount of Zinc obtainable in Smelting.	Value of Ore at the Mine or Openwork.
<b>ENGLAND AND WALES.</b>				
<b>ANGLESEY:</b>				
Mona Mine, Amlwch ( <i>Bluestone. See also Lead Ore</i> ) - - - -	Tons. 1,100	33	Tons. —	£ 1,100
Morfa Du, Amlwch ( <i>Ditto ditto</i> ) - - - -	115	30	—	78
Totals - - - -	1,215	—	361	1,178
<b>CARDIGANSHIRE:</b>				
Blaen Cennant and Alt Fedw - - - -	10	50	—	30
Bryn-yr-Afr, Talybont - - - -	169	47	—	517
Cwmystwith, Devil's Bridge - - - -	1,000	50	—	3,888
Esgair Mwyn, Strata Florida - - - -	16	35	—	30
Frongoch, Devil's Bridge - - - -	2,304	46	—	6,179
Nant-y-cria, Ponterwyd - - - -	47	50	—	161
Powell, Ponterwyd - - - -	30	46	—	87
Rheidol United, Cwmrheidol - - - -	11	42	—	25
Wemyss, Devil's Bridge - - - -	45	40	—	92
West Esgair Lle, Ponterwyd - - - -	80	50	—	235
Totals - - - -	3,712	—	1,366	11,244

## Zinc Ore—continued.

Name and Situation of Mine.	Zinc Ore.	Per-centage of Metal by Assay.	Amount of Zinc obtainable by Smelting.	Value of Ore at the Mine or Openwork.
	Tons.		Tons.	£
<b>GARNARVONSHIRE :</b>				
De Eresby Mountain, Llanrwst . . . . .	38	45	—	90
Llangelynin, Conway . . . . .	10	49	—	41
Standard, Llanrwst . . . . .	218	43	—	421
Talyilyn . . . . .	5	—	—	10
Totals . . . . .	271	—	95	562
<b>CORNWALL :</b>				
Duchy and Peru, Newlyn East . . . . .	1,060	—	—	1,530
New Langford, Callington . . . . .	25	—	—	45
Shepnerds Old, Newlyn East . . . . .	41	—	—	128
West Chiverton, Perranzabuloe . . . . .	164	35	—	204
Totals . . . . .	1,290	—	352	1,907
<b>CUMBERLAND :</b>				
Bayle Hill and other Mines, Garrigill . . . . .	88	—	—	219
Brownley Hill, Alston . . . . .	50	—	—	32
Nenthead Mines, Alston . . . . .	2,541	—	—	2,541
Threlkeld, Keswick . . . . .	821	47	—	2,077
Totals . . . . .	3,500	—	1,284	4,869
<b>DENBIGHSHIRE :</b>				
Creigiog, Llanarmon . . . . .	2	46	—	6
Minera, Wrexham . . . . .	5,493	58	—	21,194
Minera Quarry, Wrexham . . . . .	4	30	—	4
Park, Minera, Wrexham . . . . .	120	58	—	480
Totals . . . . .	5,619	—	2,528	21,684
<b>DERBYSHIRE :</b>				
Hard Rake, Ashford . . . . .	—	—	—	—
Mill Close, Darley . . . . .	—	—	—	—
Mouldridge, Pike Hall . . . . .	—	—	—	—
Magpie, Sheldon, Bakewell . . . . .	—	—	—	—
Totals . . . . .	73	30	18	219
<b>FLINTSHIRE :</b>				
Great Holway, Holywell . . . . .	681	53	—	2,337
Gwaenysgor, Rhyl . . . . .	8	—	—	35
Holway Consols, Holywell . . . . .	7	53	—	30
Talacre and Gronant, Holywell . . . . .	720	58	—	2,700
Talargoch, Dyserth, Rhyl . . . . .	1,270	48	—	4,127
Totals . . . . .	2,686	—	1,088	9,229
<b>ISLE OF MAN :</b>				
Great Laxey, Laxey Glen . . . . .	5,625	53	—	19,298
Rushen, Colby . . . . .	60	39	—	120
Totals . . . . .	5,685	—	2,341	19,418
<b>MONTGOMERYSHIRE :</b>				
Van, Llanidloes . . . . .	964	37	279	2,019

## Zinc Ore—continued.

Name and Situation of Mine.	Zinc Ore.	Per-centage of Metal by Assay.	Amount of Zinc in the Ore.	Value of Ore at the Mine or Open Work.
<b>SHROPSHIRE:</b>				
	Tons.		Tons.	£
Bog, Minsterley	255	52	—	979
Crickheath	60	40	—	180
East Roman Gravels, Minsterley	10	50	—	20
Pennerley	50	50	—	134
Roman Gravels, Worthen	80	45	—	134
Tankerville, Minsterley	46	52½	—	174
Totals	501	—	196	1,621
<b>YORKSHIRE (NORTH RIDING):</b>				
Apedale, Redmire, Bedale	Nil	—	—	—
<b>SCOTLAND.</b>				
<b>DUMFRIES:</b>				
Wanlockhead	Nil	—	—	—
<b>KIRKCUDBRIGHTSHIRE:</b>				
East Black Craig, Newton Stewart	Nil	—	—	—
<b>IRELAND.</b>				
<b>WICKLOW COUNTY:</b>				
Connorree Ovoca ( <i>Bluestone</i> ). See "Lead ore"	47	—	11	79

## GENERAL SUMMARY of the PRODUCE of ZINC ORE.

Counties.	Zinc Ore.	Amount of Zinc obtainable in Smelting.	Value of the Ore at the Mines.
<b>ENGLAND AND WALES:</b>			
	Tons.	Tons.	£
Anglesey	1,215	361	1,178
Cardiganshire	3,712	1,366	11,244
Carnarvonshire	271	95	562
Cornwall	1,290	352	1,907
Cumberland	3,500	1,284	4,869
Denbighshire	5,619	2,528	21,684
Derbyshire	73	18	219
Flintshire	2,686	1,088	9,229
Isle of Man	5,685	2,341	19,418
Montgomeryshire	964	279	2,019
Shropshire	501	196	1,621
Yorkshire, North Riding	—	—	—
TOTALS	25,516	9,908	73,950
<b>SCOTLAND:</b>			
Dumfries	—	—	—
Kirkcudbrightshire	—	—	—
<b>IRELAND:</b>			
Wicklow County	47	11	79
TOTALS FOR THE UNITED KINGDOM	25,563	9,919	74,029

The value of the above quantity of Metallic Zinc according to the Average Market Price for the Year is 152,835*l.*

## IMPORTS OF ZINC ORE, ZINC, and ZINC MANUFACTURES. (Return by Board of Customs.)

Countries from which imported.	Zinc Ore.		Zinc, Crude.		Manufactured Zinc.		Total Value of Imports.
	Tons.	Value.	Tons.	Value.	Cwts.	Value.	
	Tons.	£	Tons.	£	Cwts.	£	£
Algeria	5,743	10,840	-	-	-	-	10,840
Belgium	314	4,010	17,182	249,410	108,657	107,324	360,744
Denmark	53	309	32	342	-	-	651
France	852	3,343	1,648	21,393	1,230	2,561	27,297
Germany	323	1,658	15,146	226,001	138,826	133,810	361,469
Greece	12,465	56,261	-	-	-	-	56,261
Holland	454	2,455	13,158	198,047	152,450	145,688	346,190
Norway	630	1,890	-	-	5	5	1,895
Italy	11,767	49,098	23	314	-	-	49,412
Australasia	15	60	309	3,777	60	58	3,895
United States	96	515	121	386	51	131	1,032
Spain	2,497	3,784	-	-	-	-	3,784
Other countries	99	203	39	484	324	580	1,267
Totals	35,308	134,426	47,653	700,154	401,603	390,157	1,224,737

## EXPORTS OF ZINC and ZINC ORE from the UNITED KINGDOM. (Return by Board of Customs.)

Countries to which exported.	Zinc or Spelter (including Crude and Manufactured).		Zinc Ore.	
	British.	Foreign.	British.	Foreign.
	Tons.	Tons.	Tons.	Tons.
Russia :				
Northern Ports	23	61	-	-
Southern Ports	45	16	-	-
Germany	119	-	-	-
Holland	1,325	15	-	-
Belgium	-	-	2,497	-
Channel Islands	22	2	-	-
France	136	402	-	-
Portugal, Azores, and Madeira	10	11	-	-
Spain and the Canaries	12	3	-	-
Gibraltar	5	2	-	-
Italy	2	120	-	-
Greece	9	20	-	-
Bulgaria	-	10	-	-
Roumania	7	-	-	-
Turkey :				
Asiatic	5	38	-	-
Egypt	5	5	-	-
West Coast of Africa	24	8	-	-
British Possessions in South Africa	54	18	-	-
British East Indies	4,434	1,345	-	-
Java	52	-	-	-
Other Dutch Possessions in India	20	-	-	-
Philippine Islands	-	6	-	-
China	116	93	-	-
Hong Kong	99	29	-	-
Japan	23	372	-	-
Australasia :				
West Australia	7	-	-	-
South Australia	77	52	-	-
Victoria	82	42	-	-
New South Wales	110	58	-	-
Queensland	38	16	-	-
Tasmania	6	-	-	-
New Zealand	157	137	-	-
Islands in the Pacific	5	4	-	-
British North America	52	120	-	-
United States of America :				
On the Pacific	3	64	-	-
British West India Islands and British Guiana	12	3	-	-
Mexico	-	6	-	-
Central America	7	3	-	-
United States of Columbia	20	25	-	-
Ecuador	13	7	-	-
Peru	2	9	-	-
Bolivia	5	-	-	-
Chili	46	53	-	-
Brazil	23	34	-	-
Uruguay	40	6	-	-
Argentine Republic	119	39	-	-
Other parts	12	4	-	-
Total Export	7,383	3,258	2,497	-

## LIST of ZINC SMELTERS in the UNITED KINGDOM.

Owner of Smelting Works.	Situation of Works and Postal Address.
<b>CUMBERLAND:</b>	
Nenthead and Tynedale Lead and Zinc Co., Ltd.	Nenthead, Carlisle.
Thompson, Joseph	Carlisle.
<b>DENBIGHSHIRE:</b>	
Kenrick and Son	Wynn Hall, Ruabon.
<b>FLINTSHIRE:</b>	
The Anchor Spelter Works, Ltd.	Bagillt.
<b>GLAMORGANSHIRE:</b>	
Dillwyn & Co.	Llansamlet—Albion Chambers, Cambrian Place, Swansea.
English Crown Spelter Works Co., Ltd.	Port Tennant, Swansea.
Neath Harbour Smelting and Rolling Works, Ltd.	Neath.—Crown Court, Old Broad Street, London, E.C.
Swansea Vale Spelter Co., Ltd.	Swansea.
Villiers Spelter Co., Ltd.	Morrleston, Swansea.
Vivian and Sons	Morrleston Spelter Works, Morrleston, Swansea.
<b>LANCASHIRE:</b>	
—	Zinc Works, Warrington Junction.
<b>SOMERSETSHIRE:</b>	
Callingham, J.	Spelter Works, Warmley, Bristol.
<b>SCOTLAND:</b>	
Swan & Co.	Maryhill, Glasgow.

## AVERAGE MONTHLY PRICES of ZINC or SPELTER per TON in the LONDON MARKET.

	English Zinc.		Foreign Spelter.
	Spelter.	Sheet Zinc.	Silesian.
	£ s. d.	£ s. d.	£ s. d.
January	15 15 0	18 10 0	15 0 4
February	15 15 0	18 13 0	14 12 6
March	15 2 6	18 0 0	14 10 0
April	15 2 6	18 0 0	14 10 0
May	15 10 0	18 0 0	14 10 0
June	15 10 0	18 0 0	14 10 0
July	15 10 0	18 0 0	14 8 9
August	15 10 0	17 15 9	14 2 0
September	15 8 9	17 14 3	14 6 6
October	15 5 0	17 12 6	14 10 0
November	15 5 0	17 12 6	14 5 8
December	15 5 0	17 17 6	14 2 6
Highest price for the year	15 15 0	19 0 0	15 5 0
Lowest prices „ „	15 5 0	17 10 0	14 0 0
Average price for the year	15 8 2	17 19 8	14 9 0

## I R E L A N D.

MINERAL PRODUCE of IRELAND for the YEAR 1884, from MINES under the COAL and METALLIFEROUS MINES ACTS, and from OPENWORKS not comprised by these ACTS. (Arranged from the preceding Statistics of Great Britain and Ireland.)

## Alum Clay (called Bauxite).

Owners.	Mines, &c.	Quantity.	Value at the Mines, &c.
ULSTER:		Tons.	£
Eglinton Chemical Co., 29, St. Vincent Place, Glasgow.	Culinane, near Carnlough, Co. Antrim	} 1,200	—
Irish Hill Iron Ore Mining Co. Alexander Sutherland, Larne.	Lemeneagh, Ballintoy, Co. Antrim - Irish Hill and Straid, Ballynure, Co. Antrim.		7,310
Silas Evans, Victoria Chambers, Belfast.	Ballylaggan, Coleraine . . . . .	50	—
Totals . . . . .		8,560	4,280

## Barytes.

MUNSTER:		Tons.	£
Duneen Bay Mineral Co., Ltd., 52, Castle Street, Liverpool.	Muckruss Head, Clonakilty, Co. Cork. -	1,356	—
Durrus Barytes Co. . . . .	Durrus, Co. Cork . . . . .	1,000	—
Totals . . . . .		2,356	1,885

## Bog Iron Ore (from Openworks).

(Furnished by the Collectors of H.M. Customs.)

Exported from—		Tons.	£
Dublin with Wicklow . . . . .		1,835	—
Londonderry . . . . .		892	—
Skibbereen with Bantry . . . . .		800	—
Westport with Ballina . . . . .		2,876	—
Totals . . . . .		6,453	1,935

## Clays—Brick Marl.

LEINSTER:		Tons.	£
Thompson brothers, Kingscourt Brick and Tile Works, Kingscourt, Co. Cavan.	Drumgill Plantation, Co. Meath . . . . .	9,830	1,229

## Fireclay.

ULSTER:		Tons.	£
Daniel Devlin . . . . .	Ulster Fireclay Works, Coalisland, Dungannon.	575	100

**Coal.**

Province and County.	Quantity.	Average Price per Ton at the Mines.	Value at the Mines.
No. 1. CONNAUGHT: Counties Leitrim, Roscommon, and Sligo (Lough Allen Coalfield).	Tons. 3,515	s. d. 7 0	£ 1,230
No. 2. LEINSTER: Kilkenny and Queen's Counties, (Leinster Coalfield).	80,446	9 0	36,200
No. 3. MUNSTER: County Tipperary (the collieries in County Cork being at present discontinued).	25,759	10 0	12,879
No. 4. ULSTER: Counties Antrim and Tyrone	12,711	8 4	5,296
Totals	122,431	—	55,605

**Copper Ore.**

Owners.	Mines, &c.	Tons.	Value at the Mines, &c.
MUNSTER: Berehaven Mining Co., Ltd.	Berehaven, Allihies, Bantry, Co. Cork.	Tons. a. 50	£ 175
South Berehaven, Mining Co., Ltd.	Kilrohane, Durrus	47	188
Totals		97	363

a. 9·5 per cent. of fine copper, 2 pennyweights of gold per ton of dressed ore.

**Copper Precipitate.**

LEINSTER:		Tons.	£
Hallowes, Trustees of Rev. Richard C., The Vicarage, Dungarvan.	Ballygahan, Ovoca	7	157
Ovoca Mineral Co., Ltd.	Connorree, Ovoca	4	29
Rivington, Thomas Palermo, Bray	Cronebane and Tigroney, Ovoca.	20	450
Totals		31	636

**Fireclay (See CLAYS).****Gypsum.**

LEINSTER:		Tons.	£
Thompson brothers	Drumgill, Kingscourt, Co. Meath	300	150

## Iron Ore.

Owners.	Mines, &c.	Quantity.	Value at the Mines, &c.
		Tons.	£
ULSTER:			
Antrim Iron Ore Co., Ltd., Belfast	Clonetrace, Ballymena - - - - - Dungonnell, Ballymena - - - - - Glenarm, Glenarm - - - - - Parkmore, Ballymena - - - - - Rathkenny, Ballymena - - - - - Evisnacrow, Glenravel - - - - -	72,561	—
Chambers, Charles, 3, Westminster Chambers, Victoria Street, London.	Duneany, Killagan - - - - - Dunluce, Portrush - - - - -	6,900	—
Duneany Mining Co.	Dunluce, Portrush - - - - -	3,976	—
Dunluce Mining Co.	Glenravel, Slieveniah, Glenravel - - - - -	200	—
Fisher, John, & Co., Barrow-in-Furness.	Glenravel, Slieveniah, Glenravel - - - - -	5,592	—
Glenariff Iron Ore and Harbour Co., Ltd., 36, Wallbrook, London.	Cloghcor, Parkmore, Ballymena - - - - -	—	—
Mountcashel Iron Ore Co., Ltd., 1, Chancery Lane, Pall Mall, Manchester.	Evisnacrow, Glenravel, Ballymena - - - - -	1,433	—
Portrush Mining Co., Portrush	Ballycraig, Portrush - - - - - Orblereigh, Portrush - - - - -	5,839	—
Ritchie, Francis and Sons, Belfast	Ballyboley, Ballynure Junction - - - - - Ballypallady, Ballyclare - - - - - Carnlough, Carnlough - - - - - Island Magee, Larne - - - - -	5,995	—
Templeton, Genl. Visct.	Lyle Hill, Templepatrick - - - - -	—	—
Totals		102,496	20,499

Aluminous ore, 20 to 31 per cent., 3s. per ton. Best ore, 40 to 42 per cent., 4s. per ton.

## Iron Pyrites.

Owners.	Mines, &c.	Quantity.	Value at the Mines, &c.
		Tons.	£
LEINSTER:			
Rivington, Thomas, Palermo, Bray.	Cronebane, Ovoca - - - - - Tigroney, Ovoca - - - - -	11,693	6,945
Wicklow Copper Mine Co., Ltd.	Ballymurtagh, Ovoca - - - - -	402	100
Totals		12,095	7,045

## Lead Ore.

Owners.	Mines, &c.	Quantity.	Value at the Mines, &c.
		Tons.	£
LEINSTER:			
Mining Co. of Ireland, Ltd., 30, Lower Ormond Quay, Dublin.	Luganure, Rathdrum, Co. Wicklow - - - - -	454	2,596
ULSTER:			
Newtownards Mining Co.	Newtownards, Newtownards, Co. Down - - - - -	9	92
Totals		463	2,688

a. Lead, 75 per cent.; silver, 4 oz. per ton.

## Ochre.

Owners.	Mines, &c.	Quantity.	Value at the Mines, &c.
		Tons.	£
LEINSTER:			
Ovoca Mineral Co., Ltd.	Connorree, Ovoca - - - - - Cronebane, Ovoca - - - - - Tigroney, Ovoca - - - - -	253	380
Rivington, Thomas, Palermo, Bray.		224	401
Totals		477	781

**Salt (Rock-Salt).**

Owners.	Mines, &c.	Quantity.	Value at the Mines, &c.
<b>ULSTER :</b>			
Belfast Mining Co., Ltd., 5, Victoria Chambers, Belfast.	French Park, Carrickfergus	Tons. 6,634	£ —
Carrickfergus Salt Mining Co. -	Burleigh Hill, Carrickfergus	5,073	—
Dalway, M. R., & Co., Ltd., Salt Works, Carrickfergus.	Maiden Mount, Carrickfergus, Co. Antrim.	12,403	—
Dalway, M. R. & M. W., Salt Works, Carrickfergus.	Clough-land, Elden	96	—
<b>Totals</b>		<b>24,206</b>	<b>4,034</b>

**Salt (White Salt).**

The white salt is manufactured from rock-salt dissolved in sea water when available.

Proprietor.	Situation.	No. of Pans.	Quantity.	Value at the Works.
			Tons.	£
McGrath, Charles J., Lime Works -	Bagnalstown	1	—	—
Balbriggan Salt Works Co. (A. McMullen).	Balbriggan	2	—	—
Dalway, M. R., Salt Works -	Carrickfergus	4	—	—
Carroll, William, Windmill Road	Cork	6	—	—
Barry, John	Ditto	3	—	—
McAuliffe, Mrs.	Ditto	3	—	—
O'Connell, James	Ditto	3	—	—
R. Rice	Ditto	3	—	—
Spillane, Michael	Ditto	4	—	—
Leland, Francis and William	Drogheda	2	—	—
Murdock, A., and Sons	Ditto	3	—	—
Stokes, Thomas	Ditto	3	—	—
Flower and McDonald, Ringsend Salt Works.	Dublin	2	—	—
Brown, S., & Co.	Dundalk	2	—	—
Connick, T. J., & Co.	Ditto	3	—	—
Oaks, James	Ditto	2	—	—
Comerford, William, John Street	Kilkenny	1	—	—
Healy, John, Lime Works	Ditto	1	—	—
	Killarney	1	—	—
Furcell, James, High Street	Limerick	2	—	—
Coomey, E.	Ditto	1	—	—
Barry, James,	Mallow	2	—	—
Pinn, William Goff, Summer Grove	Mountmellick	2	—	—
	Tralee	1	—	—
Molloy, John, Ballyduff Quarries	Tullamore	2	—	—
Mackay, Peter, Balbricken Flour Mills.	Waterford	6	—	—
<b>Totals</b>		<b>65</b>	<b>8,500</b>	<b>9,350</b>

**Slate and Slabs (open Quarries). See Stone.**

Province.	Owners.	Quarry.
<b>MUNSTER</b>	Bantry Bay Slate and Slab Co. -	Dronkeal, Bantry, Co. Cork.
	Benduff and Froe Slate Co. -	Rosscarbery, Co. Cork.
	Clerke, William	Drimoleague, Bantry, Co. Cork.
	Cooladreen Slate Co., Ltd., 17, Albert Buildings, Liverpool.	Cononagh, Leap, Co. Cork.
	Killaloe Slate Co., Ltd.	Killaloe, Nenagh, Co. Tipperary.
	McCarthy, John	Rossmore, Durrus, Bantry.
	Mercer, William	Ormond, Carrick-on-Suir, Co. Tipperary.
	Robinson, Geo., J.P.	Dromusta, Drimoleague, Co. Cork.
	Victoria Slate Co., Ltd.	Ahenny, Carrick-on-Suir, Co. Tipperary.

## Stone, &amp;c., from Openworks.

According to the Census Tables the following persons were employed in working Stone, &amp;c. :—

Occupation.	In 1871.					In 1881.					
	Connacht.	Leinster.	Munster.	Ulster.	Total.	Connacht.	Leinster.	Munster.	Ulster.	Total.	
Stone quarrier	34	3,323 (and Clay)	525	294	4,176	21	265	353	571	1,210	
Merchant, agent, dresser, cutter, polisher	152	-	641	904	1,697	220	1,350	660	1,183	3,413	
Slate quarrier	2	-	91	6	99	1	36	55	11	103	
Limestone, lime quarrier, burner	21	-	95	154	270	4	44	27	126	201	
Clay, sand Gravel Chalk (limestone)	-	-	3	1	4	20	21	2	14	57	
Labourer	-	-	82	145	232	18	94	26	286	424	
Brickmaker	5	-	82	145	232	18	94	26	286	424	
Totals	214	3,323	1,437	1,504	6,478	284	1,810	1,123	2,191	5,408	
										No. of Persons.	Value at the Works.
Clay, Gravel, Limestone, Sand, Slate, Slate-slabs, and Stone of other kinds										5,408	£ 286,624

## Zinc Ore (Bluestone).

Owner.	Situation.	Tons.	Value at the Mine.
LEINSTER: Ovoca Mineral Co., Ltd.	Connorree, Ovoca	*47	79

\* Containing 10 ounces of silver to the ton.

## GENERAL SUMMARY of the MINERAL PRODUCE OF IRELAND.

Description of Mineral.	No. of Mines or Works.	Quantity of Mineral raised.	Value at Place of Production.
FROM MINES.			
Alum Clay	(Bauxite) 4	Tons. 8,560	£ 4,280
Barytes	2	2,356	1,885
Clays { Brick Marl	1	9,830	1,229
{ Fire Clay	1	575	100
Coal	30	122,431	55,605
Copper Ore	2	97	363
Copper Precipitate	4	31	636
Cypsum, from the Brick Marl Mine	-	300	150
Iron Ore	13	102,496	20,499
Iron Pyrites	3	12,095	7,045
Lead Ore	2	463	2,688
Ochre	3	477	781
Salt, Rock-Salt	4	24,206	4,034
Zinc Ore	(Bluestone) 1	47	79
Totals	70	-	99,374
FROM OPENWORKS.			
Bog Iron-Ore	-	6,453	1,935
Salt, White	-	8,500	9,350
Slate and Slate Slabs, Stone, Clay, Sand, Gravel (value about)	-	-	286,624
Total value from openworks	-	-	297,909
Total value of Mineral production of Ireland, including Stone, Clay, Sand, Gravel, and Slate, but excluding Peat and Turf	-	-	397,283

YEAR.	BRITISH COLONIES AND POSSESSIONS.	MINERAL SUBSTANCES PRODUCED.																	TOTAL VALUES.	SOURCE OF INFORMATION.	BRITISH COLONIES AND POSSESSIONS.
		COAL.		COPPER ORE.		GOLD.		IRON ORE.		LEAD ORE.		SILVER.		TIN ORE.		MISCELLANEOUS MINERALS.					
		Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Kind of Mineral.	Quantity.	Value.			
1883	AFRICA : CAPE OF GOOD HOPE -	Tons. 19,956	£ 55,956	Tons. 22,705	£ 454,113	Ounces. -	£ -	Tons. -	£ -	Tons. -	£ -	Ounces. -	£ -	Tons. -	£ -	Diamonds (carats)	1,830,935	2,742,470	3,252,539	Blue Book for 1883; Capetown, 1884	AFRICA : CAPE OF GOOD HOPE.
1882	GOLD COAST -	-	-	-	-	17,097	61,552	-	-	-	-	-	-	-	-	-	-	-	61,552	Official Returns, 1882	GOLD COAST.
1882	NATAL -	5,000	1,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,000	Blue Book for 1882; Pietermaritzburg, 1883	NATAL.
1883	AUSTRALASIA : NEW SOUTH WALES -	2,521,457	1,201,942	Ore 85 Metal 8,873	577,201	123,805	458,509	Metal 3,434	20,908	Metal 30	450	77,065	16,488	Ore 445 Metal 8,680	824,552	Silver Lead Ore - 106 Antimony Ore - 357 Do. Metal - 18 Asbestos - Nil Bismuth Ore - 4 Oil Shale - 49,250 Mixed Minerals - 31 Antimony Ore - 508 Manganese Ore - 20 Manganese Ore - 333 Spelter - 20 Antimony Ore - 35 Lignite - 330	1,625 5,555 - 650 90,861 160 5,210 60 2,079 395 248 82	3,204,901	Annual Report; Department of Mines, 1883	AUSTRALASIA : NEW SOUTH WALES.	
1883	QUEENSLAND -	104,269	44,927	1,800	21,080	212,783	744,740	-	-	5,232	56,760	-	-	55,619	588,012	-	-	1,460,789	Statistics of the Colony of Queensland; Blue Book for 1883.	QUEENSLAND.	
1883	SOUTH AUSTRALIA -	-	-	Ore 18,687 Metal 3,398	140,545 234,780	2,671	10,534	-	-	907	13,757	-	-	9	360	-	-	402,450	Statistical Register for 1883	SOUTH AUSTRALIA.	
1883	VICTORIA -	428	599	381	4,271	780,253	3,121,012	1,200	3,000	-	-	22,122*	5,530	94	4,700	-	-	3,139,442	Mineral Statistics of Victoria for 1882	VICTORIA.	
1883	WESTERN AUSTRALIA -	-	-	5	75	-	-	-	-	1,038	7,266	-	-	-	-	-	-	7,341	Blue Book for 1883; Perth 1884	WESTERN AUSTRALIA.	
1883	NEW ZEALAND -	421,764	316,323	-	-	248,374	903,352	-	-	-	-	-	-	-	-	-	-	1,813,460	Statistics of the Colony of New Zealand for 1883; official reports on the Gold Mining and Coal Fields, 1883.	NEW ZEALAND.	
1882	TASMANIA -	8,803	6,228	-	-	49,122	187,337	-	-	-	-	-	-	5,595	356,713	-	-	550,278	Statistics of the Colony for 1882	TASMANIA.	
1883	ASIA : CEYLON -	-	-	-	-	-	-	Lbs. 520	4	-	-	-	-	-	-	Plumbago - †13,138 Salt - †3,008	218,978 \$4,060	223,042	Blue Book for 1883	ASIA : CEYLON.	
1882	INDIA -	1,130,242	565,121	-	-	390	1,534	No information.	-	-	-	-	-	-	-	Salt - ††704,821 **470,516	†400,693	967,348	India Office, London	INDIA.	
1883	LABUAN -	Nil	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Blue Book for 1883	LABUAN.
1883	STRAITS SETTLEMENTS -	-	-	-	-	-	-	-	-	-	-	-	-	Metal 17	1,455	-	-	1,455	Blue Book for 1883	STRAITS SETTLEMENTS.	
1883	NORTH AMERICA : DOMINION OF CANADA -	1,646,487	672,035	4,452	22,260	53,096	216,719	91,877	46,876	2	5	Tons. Ore 100	2,900	-	-	Gypsum - 184,809 Manganese Ore - 1,243 Petroleum (galls.) 16,266,644 Phosphate of Lime - 14,476 Plumbago - 7 Salt - (barrels) 500,000 Slates (square) 12,000 Mica, Pyrites, - Asbestos, Stone, &c. } not specified	22,620 7,162 331,951 29,526 59 10,000 2,000 30,900	1,395,022	Official and other Returns collated by Mr. E. Gilpin, Government Inspector of Mines for Nova Scotia.	NORTH AMERICA : DOMINION OF CANADA.	
1883	NEWFOUNDLAND -	-	-	12,352	51,359	-	-	-	-	-	-	-	-	-	-	-	-	51,359	Blue Book for 1883	NEWFOUNDLAND.	
	TOTALS	5,858,406	2,864,131	Ore 60,467 Metal 12,271	1,505,684	1,487,591	5,795,289	Ore 93,677 Metal 3,434	76,788	Ore 7,179 Metal 30	78,238	Ozs. 116,013 Ore, tons 100	28,703	Ore 61,762 Metal 8,697	1,775,792	-	-	3,907,353	16,031,978	-	TOTALS.

\* Silver parted from Gold smelted at the Melbourne Mint.  
† Rock salt or made from brine pits.

† Export quantity and value.  
‡ Estimated cost of production.

† Of this quantity, 1,366 tons was manufactured salt, and 1,642 tons was self formed salt.  
\*\* Salt made from sea water. These figures relate only to salt which is liable to the British Salt Tax, and do not include a quantity of salt made in certain Native States.  
§ Export value. A Government monopoly.

# LIST OF MINES AND OPENWORKS ARRANGED IN DISTRICTS.

## (1.) Manchester District.

MR. JOSEPH DICKINSON.

LIST OF OWNERS, COAL MINES, and MANAGERS under the Coal Mines Regulation Act, in NORTH and EAST LANCASHIRE, 1884.

Owner or Company.	Mine or Colliery.	Where situated.	Manager.	
Altham Colliery Co. (Geo. W. MacAlpine), Altham, Accrington.	Moorfields . . . .	Altham . . . .	Geo. Elce.	
	Whinney Hill . . . .	Ditto . . . .	Ditto.	
Arley Main Co., Horwich Junction, Bolton.	Park Hall . . . .	Blackrod . . . .	Thomas Binck Stopford.	
Ashton Moss Colliery Co., Audenshaw, Manchester.	Ashton Moss . . . .	Ashton-under-Lyne . . . .	John Greenhalgh.	
Ashworth Colliery Co., Ltd. .	Ashworth . . . .	Ashworth, Rochdale . . . .	Adam Hall.	
	Close Barn . . . .	Ditto . . . .	Ditto.	
Ashworth, Edmund, and Sons, Egerton Mills, Bolton.	Cheetham Close . . . .	Egerton . . . .	—	
Ashworth, Ralph, & Co., Ltd., Littleborough, Manchester.	Starring Coal and Fire-clay . . . .	Littleborough . . . .	Wm. Dronsfield.	
Ashley and Tyldesley Coal and Salt Co., Ltd., Tyldesley, Manchester . . . .	Cross Hillock . . . .	Astley . . . .	Henry Knight.	
	Gin . . . .	Tyldesley . . . .	James Hughes.	
	Nook . . . .	Astley . . . .	James Hughes.	
	Tyldesley, 1, 2, and 3 . . . .	Tyldesley . . . .	John Walshaw.	
Barker, Jas., and Sons, Char-nock Richard, near Chorley.	Pemberton House . . . .	Welch Whittle . . . .	William Jones.	
Berry, John, and Son Blainscough Hall Colliery Co., Coppull, Chorley.	Smethurst Hall Clay . . . .	Birtle, Bury, Lanc. . . .	—	
	Blainscough Hall . . . .	Coppull . . . .	John Dickinson.	
Bowling, John, & Co. . . .	Heskin Hall . . . .	Heskin, Chorley . . . .	Samuel Broome.	
Bradford Colliery Co. (C. and T. Livesey) . . . .	Four Feet . . . .	Manchester . . . .	Thomas Arrandale.	
	Parker . . . .	Ditto . . . .	Ditto.	
Bradford, the Earl of,— Estate Office, Bolton . . . .	Aqueduct, Water . . . .	Haulgh . . . .	Richard Harrison.	
	Burnden . . . .	Burnden . . . .	Ditto.	
	Gravel Hole . . . .	Great Lever . . . .	Ditto.	
	Great Lever . . . .	Ditto . . . .	Ditto.	
	Hacken, Pumping . . . .	Darcy Lever . . . .	Ditto.	
Brearley Colliery Co. (Saml. Stott Co.), Dearnley Mill, near Rochdale.	Raikes . . . .	Great Lever . . . .	Ditto.	
	Brearley . . . .	Littleborough . . . .	Edmund Brierley.	
Bridgewater Trustees— Colliery Office, Walkden, Bolton . . . .	Ashton's Field . . . .	Little Hulton . . . .	John Ainsworth.	
	Brackley . . . .	Middle Hulton . . . .	James Ainsworth.	
	Bridgewater . . . .	Worsley . . . .	Thomas Rushton.	
	Charlton . . . .	Little Hulton . . . .	James Ainsworth.	
	Edge Fold . . . .	Ditto . . . .	Thomas Wallwork.	
	Ellesmere . . . .	Ditto . . . .	John Ainsworth.	
	Eilenbrook . . . .	Tyldesley . . . .	Thomas Wallwork.	
	Hollin's Field . . . .	Worsley . . . .	Thomas Rushton.	
	Lunnyshaw . . . .	Worsley . . . .	John Ainsworth.	
	Lord's Moss . . . .	Farnworth . . . .	John Ainsworth.	
	Low Level Cannel and the Cannel Level West of Main Level, and the Ladder Pits and Shafts.	Worsley, &c. . . .	James Ainsworth.	
	Machine . . . .	Farnworth . . . .	John Ainsworth.	
	Mangnall's . . . .	Worsley . . . .	John Ainsworth.	
	Mosley Common . . . .	Tyldesley . . . .	Thomas Wallwork.	
	Sanderson . . . .	Worsley . . . .	Thomas Rushton.	
	Tong's Field . . . .	Farnworth . . . .	John Ainsworth.	
	Watergate . . . .	Middle Hulton . . . .	James Ainsworth.	
	Wharton Hall . . . .	Shakerley . . . .	James Ainsworth.	
	Water Levels South of Mangnall's, with the Ladder Pits and Shafts.	Worsley, &c. . . .	Thomas Wallwork.	
	Water Level North of Mangnall's, with Pits and Shafts.	Ditto . . . .	John Ainsworth.	
	Brierley, Abel . . . .	Brandwood Moor . . . .	Stacksteads, Manchester . . . .	James Ratcliffe.
	Brinsop Hall Coal Co., Ltd., Wigan . . . .	Brinsop Hall, Arley . . . .	Westhoughton . . . .	{ A. H. Leech. Ditto.
		Ditto . . . .		

## LIST of OWNERS, COAL MINES, and MANAGERS in NORTH and EAST LANCASHIRE, 1884--cont.

Owner or Company.	Mine or Colliery.	Where situated.	Manager.
Broad Oak Colliery Co., Ash- ton-under-Lyne	Broad Oak	Ashton-under-Lyne	Thomas B. Mills.
Brocklehurst, Thomas	Nook	Ditto	Thomas Brocklehurst.
	Victoria	Runworth, Bolton	Thos. Alderson.
	Cupola	Hameldon	James Ingham.
Brooks and Pickup, Towneley, Burnley	Dean Fireclay	Portsmouth, Cliviger	Ditto.
	Towneley Demesne	Towneley	Ditto.
	Towneley Drift	Ditto	—
	Wholaw Nook	Wholaw.	—
Brothers, O., Ltd.	Livesey Fireclay Works	Livesey, Blackburn	Arthur W. Brothers.
Buckley, John, Exors. of, Wharf Mill, Rochdale.	Bell Isle	Tonnacliffe.	—
Butterworth and Brooks	Britannia	Bacup	—
Butterworth, Edmund, and Sons, Denshaw Vale Print Works, Delph, Saddle- worth.	Crowl Knowl	Crompton	James Marland.
Butterworth, James, Exors. of.	Oaken Clough	Bacup	John Lord.
Butterworth, James, and Son, Greenbooth, Rochdale.	Knowl	Woodhouse Lane	John Wolfenden.
Caldwall, John	Hilton House	Westhoughton, Bolton	Joseph Marsh.
Chadwick, Elijah	Schofield Hall	Littleborough.	—
	Alkington	Alkington	Daniel Toman.
	Oak	Hollinwood	John Davenport.
	Denton Lane	Chadderton	John Davenport.
Chamber Colliery Co., Ltd., Hollinwood, Manchester	Ferney Field	Ditto	John Davenport.
	Honeywell Lane	Oldham	John Davenport.
	Hunt Clough	Chadderton	Daniel Toman.
	Stockfield	Ditto	Daniel Toman.
	Rhodes Bank	Oldham	John Davenport.
	Wood Park	Ashton-under-Lyne	John Davenport.
Cheetham, John	Hey Barn	Wardle, Rochdale.	—
Clegg, Joseph and Robert	Haugh Hey	Haugh, Rochdale.	—
	Botany Bay	Clifton	James Winterbottom.
	Little Hey (Pumping)	Kersley.	—
Clifton and Kersley Coal Co., Clifton, Manchester	Manor	Ditto	William Wallwork.
	Newtown	Clifton	Robert Barnet Fildes.
	Robin Hood	Clifton	James Holt.
	Spindlepoint	Kersley	William Nelson.
	Wetearth	Clifton	Herbert A. Woodward.
Cliviger Coal Co., Cliviger Collieries, Barcroft near Burnley	Coppy and Marsden Cross	Cliviger	—
	Hole House (Pumping)	Ditto	—
	Hurstwood	Ditto	John Jolling.
	Railway Drift	Ditto	—
	Union	Ditto	—
Crankshaw, John	Winter Hill Fire-clay	Horwich, Bolton	Miles Lowe.
Darcy Lever Coal Co., Darcy Lever, Bolton	Croftside	Darcy, Lever	Charles Jackson.
	Davenport	Ditto	Robert Hutchinson.
	Victoria	Ditto	Robert Hutchinson.
	Cartridge Nook	Whitworth	Henry Matthews.
	Handle Hall	Calderbrook.	—
	Land	Shawforth	Thomas Dearden.
	Smallbridge	Smallbridge	Squire Brierley.
Dearden, James Griffiths, The Orchard, Rochdale	South Grain	Todmorden Moor, Dules- gate.	Robt. Kershaw.
	Todmorden Moor	Clough Foot, Dulesgate	George Pearson.
	Tooter Hill	Sharneyford	John Lord.
	Wallnook	Wardle	Thomas Dearden.
Dearnley Colliery Co.	Dearnley	Smallbridge, Rochdale	Edmund Lord.
	Albert	Haughton	Samson Garside.
Denton Colliery Co. Ltd., Denton, Manchester	Burton Nook	Denton	Ditto.
	Great Wood	Ditto	Ditto.
	Parsonage	Ditto	Ditto.
Derbyshire, Ralph, and Son- Duckworth, Lawrence, Exors. of, Sheep Hey, Rams- bottom, Manchester	Bench Carr Fire-clay	Wardle, Rochdale.	—
	Scout Moor	Shuttleworth	James Duckworth.
	Shipperbottom	Walmersley	Ditto.
Duxbury Park Colliery Co., Ld., Chorley.	Duxbury Park	Duxbury, Chorley	James Cunliffe.
Barnshaw and Smith - Ellerbeck Collieries, Ltd., Coppull, Chorley	Midgelden Brick Works	Dulesgate, Todmorden.	—
	Ellerbeck	Coppull	John Corner.
	Hic-bibi	Coppull	Peter Briers.
Entwistle, Ralph	Cranberry Moss	Entwistle, Darwen	William Holden.
Entwistle, Ralph, and Co., Ltd., Darwen Fire-clay Works, Darwen.	Ditto	Entwistle, Darwen	Richd. Walkden.
Fisher, B. & R., & Co.	Anderton Hall	Blackrod, Chorley	Thos. M. Yates.
Fletcher, James, and bros., Smithy Bridge, Rochdale.	Higher Shore	Littleborough, Man- chester.	Edmund Midgley.
Fletcher, John, Ladyshore Colliery, Little Lever, Bolton	Farnworth Bridge (Water)- Owl Hole	Little Lever.	—
	Victoria	Ditto	Daniel Simmons.
		Ditto	Edward Stott.

LIST of OWNERS, COAL MINES, and MANAGERS in NORTH and EAST LANCASHIRE, 1884---cont.

Owner or Company.	Mine or Colliery.	Where situated.	Manager.
Fletcher, Burrows, & Co., Atherton Collieries, Atherton, Manchester	Chanters	Atherton	John S. Burrows.
	Crumbouke Day Eye	Ditto	Ditto.
	Gibfield	Ditto	Ditto.
	Lovers' Lane	Ditto	Ditto.
	Victoria	Ditto	Ditto.
Fletcher, Thomas, and Sons, Bradley Fold Collieries, Little Lever, Bolton	Bally	Little Lever	John Howell.
	Brightmet	Brightmet	Ditto.
	Harpurfold	Little Lever	John Sixsmith.
	Middle Bents	Ditto	John Howell.
	Railway	Ainsworth	Ditto.
Fletcher, Thomas, and Sons	Stopes (Hulme Pit)	Little Lever	John Sixsmith.
	" (Blackmoss)	Radcliffe	Ditto.
	" (Wolstenholme Fold)	Radcliffe	Ditto.
Fletcher, Thomas, and Sons	Great Boys	Tyldesley, Manchester	John Howell.
Fletcher, Thomas, and Sons, Outwood Colliery, Stone- clough, Manchester	Outwood	Outwood	Richard Drinnan.
	Ringley	Ditto	Ditto.
Gerrard, John, and Son	Clamerclough Pottery	Farnworth, Bolton.	---
Great Harwood Coal Co., near Accrington	Great Harwood	Great Harwood	John Taylor.
	Martholme	Ditto	Ditto.
Grimshaw, W. J. and H. S.	Stand Lane	Pilkington	---
Hacking, James	Waterside	Eccleshill, Darwen	Anyon Smith.
Haigh, Reuben, & Co.	Foulclough	Inchfield Moor, Walsden, Todmorden.	Daniel Booth.
Hall, John, Ltd.	Snape Hill	Walmersley, Bury, Lancashire.	Adam Hall.
Hall and Rogers, Smithy Bridge, Littleborough.	Cleggswood Fire-clay	Littleborough.	---
Halliday, John	Ealees	Ditto	---
Hardcastle, Frank, Bright- met Colliery, Bolton	Brightmet	Near Bolton	George Yates.
	Tongo		
Hardman brothers, Acres Mill, Higher Greens, Stack- steads, Manchester.	Helmclough	Greensmoor	Levi Jackson.
Hargreaves, George, & Co., Baxenden Collieries, Baxen- den, Manchester	Bellthorn	Yate and Pickup Bank	George Smith.
	Cat Hall and Laund	Broad Oak, Accrington	Ditto.
	Dewhurst Drift	Baxenden	Ditto.
	Hole in Bank	Ditto	Ditto.
	Miller Fold	Accrington.	---
	Moleside	Ditto	Ditto.
	Railway	Baxenden	Ditto.
	Scatcliffe	Accrington.	---
	Wood Nook	Ditto	Ditto.
	Brex	Lower Whitwell Bottom	John Tattersall.
Hargreaves, George, & Co., Rossendale Collieries, New- church, Manchester	Gambleside	Crawshaw Booth	William Ashworth.
	Goodshaw Hill	Higher Booths	Ditto.
	Grime Bridge	Middle Whitwell Bot- tom.	J. Illingworth Law.
	Meadows	Bacup	John Lord.
	Nabb	Newchurch	J. Illingworth Law.
	Old Clough	Bacup	John Lord.
	Swinshaw	Crawshaw Booth.	---
	Stacksteads	Stacksteads	John Lord.
	Bank Hall	Burnley	Henry Waddington.
	Beehole	Ditto	Ditto.
Hargreaves, John, { Executors of { Burnley Collieries, Burnley.	Broughton	Ightenhill Park	Ditto.
	Burnt Hills	Wholaw Nook	Ditto.
	Clifton	Burnley	Ditto.
	Gannow	Habergham	Ditto.
	Habergham	Ditto	Ditto.
	Hapton Valley	Hapton	Ditto.
	Padiham	Padiham	Ditto.
	Reedley	Reedley Hallows	Ditto.
	Rowley	Burnley	Ditto.
	Trawden	Trawden	Ditto.
Harrop, M. Hulton	Bardsley	Ashton-under-Lyne	George Wild.
Heys, Henry	Tongue End Pasture	Facit.	---
Hill, Abraham	Rock View	Whitworth, Rochdale.	---
Hindle, E. and G.	Stepback	Darwen	Robert Arkwright.
Holt, Edward, & Co.	Rake Fireclay	Littleborough.	---
Hopwood, Heron, & Co.	Chamber	Oldham	George Henry Holling- worth.
Howard, James, 118, Sussex Road, Southport.	Meadowhead	Wolstenholme	John Scholes.
Hulton, William Wilbraham Blethyn, Hulton Colliery Office, Hulton Park, Bolton	Sheep Bank	Littleborough	James Brown.
	Arley	Over Hulton	James Tonge.
	Chequerbent	Ditto	George John Wild.
	3 quarters Yard	Ditto	Major Crook.
Hyde and Broomstair, Coal Co.	Broomstair	Denton, Manchester	Joseph Goodwin.
Kay and Holland	Lowside	Oldham.	---

## LIST of OWNERS, COAL MINES, and MANAGERS in NORTH and EAST LANCASHIRE, 1884—cont.

Owner or Company.	Mine or Colliery.	Where situated.	Manager.
Knowles, Andrew, and Sons, Ltd., Office, Pendlebury, near Manchester	Agecroft	Pendlebury	John Crook.
	Allen's Green and Green Lane	Radcliffe	Samuel Rothwell.
	Clifton Hall	Clifton	Jonathan Hall.
	Clifton Moss	Ditto	John Wallwork.
	Foggs	Darcy Lever	James Norris.
	Hagside	Bank Top, Radcliffe	John McAdoo.
	Hampson Meadow and Whittaker Bridge	Radcliffe	John Lomax.
	New Rivin	Little Lever	James Seddon.
	Pendlebury	Pendlebury	Simon Horrocks.
	Pendleton	Pendleton	Israel Barker.
Lancashire Firebrick Co. Law, David	Within's Lane	Radcliffe	James Aldred.
	Thornlee	Lees, near Manchester	Wm. Arnfield.
Leach, James, Newhey, Rochdale.	Intake, and Part Bank Elpit Edge	Waterfoot, Manchester. Butterworth	John Whitehead.
Leach, Thomas, Lee Wood, Bacup.	Lee	Brandwood Moor	Edmund Whitworth.
Lees, Benj., and Joseph	Freeholds	Shawforth, Rochdale	Benj. Lees.
Lever Edge Coal Co., 388, Derby Street, Rumworth, Bolton.	Lever Edge	Great Lever	James Rothwell.
Limehurst Coal Co., Ltd.	Limehurst	Ashton-under-Lyne	Owen Hughes.
Lomax, John, & Co., Rooley Moor Colliery, Rochdale.	Hunger Hill	Rooley Moor	L. G. Robinshaw.
Lord, James, and brother, Norden, Rochdale.	Bagslate Moor	Norden	Charles Webster.
Lord, John	Deansgreave	Bacup	Saml. Coope.
Lower Darwen Coal Co., 1, Rhyddings Street, Oswald- twistle, Accrington.	Lower Darwen	Lower Darwen	Lawrence Townley.
Maden, Henry, & Co.	Hogshead	Britannia, Bacup	Henry Maden.
Maden, John, and Son	New Line	Bacup	John Maden.
Magson, Mrs. Mary	Whittaker Wood	Littleborough.	—
Marland, James William, Robert, & Co.	Bower	Hollinwood, Manchester	Wm. Taylor.
Mason, Adam, and Son	Montcliffe	Horwich	Joseph Crankshaw.
Mellodew, Thomas, & Co., Moorside, Oldham	Sholver Lane	Moorside	John Smith.
Mellor and Marland	Sunfield	Ditto	Ditto.
Milnes, E. D., and brother, Lunn Mills, Bury, Lanca- shire.	Knowles Lane	Lees, Oldham.	—
Mountain Mine Coal Co., Ltd.	Cobhouse Lane	Walmersley	John Hall.
Nightingale, Peter, & Co.	Junction	Ashton-under-Lyne	John Burgess.
Oldham, Middleton, and Rochdale Coal Co., Ltd., Edge Lane, Oldham	Mesne Lea	Worsley, Manchester	Richard Unsworth.
	Bankhouse	Crompton	Joseph Sutcliffe.
	Hanging Chadder and Low Crompton.	Chadderton	Joseph Wild.
	Royton	Royton	Edw. Lyon.
Over Darwen Industrial Co- operative Society, Ltd.	Sholver	Crompton	Joseph Sutcliffe.
	Whitebirk	Blackburn	William Taylor.
Parke, Frederick	Withnell Fire-clay	Chorley.	—
Peak, Andrew, Horwich Bolton	Heath Charnock	Heath-Charnock.	—
Pickup, Peter Wright	Wilderswood	Horwich	James Livsey.
Place, Joseph, and Sons	Rishton	Rishton, Blackburn	David Arthur.
Platt brothers, & Co., Ltd., Oldham	Hoddlesden	Hoddlesden, Darwen	William Hy. Place.
	Brushes Clough	Crompton, Oldham	Robert Evans.
	Butterworth Hall and Tun- shill.	Milnrow	Peter Boden.
Ramsden, William, Shakerley Collieries, Tyldesley, Man- chester	Jubilee	Crompton	Robert Evans.
	Moston	Moston	Thomas Greensmith.
Ridings, Robert	Nelson	Shakerley	James Beswick.
Rigg, John	Wellington	Ditto	
Robinson, Hiram, Lower Moor Colliery, Oldham.	Dogroad	Wardle, Rochdale	Robert Ridings.
Rochdale Property and General Finance Co., Ltd., Drake Street, Rochdale.	Broomfield	Ditto	Henry Bamford.
Rocher Colliery Co., Ltd., Parkbridge, Ashton-under- Lyne	Bar Gap	Oldham.	—
Roscoe, James, Little Hulton, Bolton.	Dearnley Fire-clay	Littleborough, Man- chester.	—
	Hill	Tannersfold, Park	J. Jackson.
Roscow and Lord	Rocher	Bridge.	Ditto.
	New Lester	Park Bridge	
	Peel Hall	Tyldesley	Henry Worthington.
Stonehill	Little Hulton		
		Little Hulton	
		Farnworth, Bolton	David Mills.

LIST OF OWNERS, COAL MINES, and MANAGERS in NORTH and EAST LANCASHIRE, 1884 - cont.

Owner or Company.	Mine or Colliery.	Where situated.	Manager.
Sagar, Robert, and Sons -	Hapton - - -	Padiham - - -	James Hargreaves
Scowcroft, Jethro, Exors. of,	Tonge Fold - - -	Bolton - - -	John Norris.
Tonge Colliery, Bolton.			
Scowcroft, Samuel, and Sons,	Rose Hill - - -	Ditto - - -	Noah Jones.
Ltd., Rosehill Colliery,			
Bolton.			
Seddon, Thos. H. - - -	Cow Lee Lane - - -	Westhoughton, Bolton -	Peter Brindle.
Sharp, E. M., & Co. - - -	Little Harwood - - -	Blackburn - - -	Henry Smith.
Shaw, William, and Son, Vale	Nutwood - - -	Ridings, Wardle - - -	Abraham Hilton.
Mill, Rochdale.			
Shepley, Edward, Exors. of -	Higher Mill Fire-clay	Stalybridge - - -	J. C. Broadbent.
Siddall, Richard, Waterfoot,	Back Cown - - -	Near Whitworth - - -	John Brearley.
near Manchester.			
Simpson, Thomas, & Co.,	{ Aspen - - -	Oswaldtwistle - - -	Joseph Thompson.
Oswaldtwistle Colliery,	{ Broadfield - - -	Ditto - - -	Daniel Haldane.
Office, 1, Rhyddings Street,	{ Duckworth Hall (Pumping)	Ditto. - - -	—
Oswaldtwistle, Accrington	{ Red Walls - - -	Ditto. - - -	—
	{ Stanhill - - -	Ditto - - -	Thomas Radcliffe.
Speakman, John, Leigh,	Bedford - - -	Bedford - - -	John Speakman.
Manchester.			
Spring Vale Brick and Fire-	Taylor's Green - - -	Sough, Darwen.	—
clay Co.			
Stamford, Trustees of the	Abbey Hills, Pumping	Oldham.	—
Earl of.			
Starkie, Colonel le Gendre.	Snydale Hall - - -	Westhoughton - - -	John Sixsmith.
The Agent, Snydale Hall			
Colliery, Chequerbent,			
Bolton.			
Temperley, Thomas, Exors. of	Cloughhead Fire-clay	Sharneyford, Bacup.	—
Tetlow, John, Summit Fire-	Lightowlers - - -	Littleborough - - -	Edward Kershaw.
clay Works, Littleborough,			
Manchester.			
Tetlow, John - - -	Rawlinson Bridge Fire-clay	Heath Charnock, Chor-	John Kershaw.
		ley.	
Thom, John - - -	Birkacre - - -	Chorley - - -	James Edwards.
Townsend & Co., Greave	{ Britannia - - -	Bacup - - -	John Jackson.
Collieries, Bacup - - -	{ Greave - - -	Ditto - - -	Ditto.
Tweedale, Jacob and Sons	Healey Hall - - -	Healey Hall, Rochdale.	—
(J. Ireland Agent, Wool-			
pack Inn, Rochdale).			
Tyldesley Coal Co., Ltd.,	{ Cleworth Hall - - -	Shakerley - - -	William Kearsley.
Tyldesley, Manchester - - -	{ Combermere - - -	Tyldesley - - -	Ditto.
	{ Shakerley - - -	Shakerley - - -	Ditto.
	{ Yew Tree - - -	Tyldesley - - -	Ditto.
Unsworth and Cowburn	Brookside - - -	Westhoughton - - -	Henry Cowburn.
Brookside Colliery, Hindley			
Green, Wigan.			
Westhoughton Coal and	Westhoughton New -	Westhoughton, Bolton.	Isiah Johnson.
Cannel Co., Ltd.			
Westleigh Colliery Co., Ltd.,	{ Heyfield - - -	Westleigh - - -	William Pilling.
Leigh, Manchester - - -	{ Lower Hall - - -		
	{ Westleigh - - -		
White, David - - -	Boar-edge Fire-clay	Freetown, Bury - - -	Richard Duckworth
Whittle, Thomas, Duxbury,	{ Duxbury - - -	Duxbury - - -	Seth Rollins.
Chorley - - -	{ Marklands - - -	Blackrod - - -	Ditto.
	{ Eatock - - -	Westhoughton - - -	James Hilton.
	{ Hewlett - - -	Ditto - - -	Ditto.
Wigan Coal and Iron Co.,	{ Priestner's - - -	Westleigh - - -	James Haycs.
Ltd., Wigan - - -	{ Snapes - - -	Ditto - - -	Ditto.
	{ Sovereign - - -	Ditto - - -	Ditto.
	{ Westleigh, 1 and 2	Ditto - - -	Ditto.
Williams, Edward - - -	Bradford Fire-clay - - -	Bradford, Manchester.	—
Woods, William, and Son,	{ Scot Lane - - -	Blackrod - - -	John Unsworth.
Scot Lane Collieries, Wigan	{ Ditto - - -	Westhoughton - - -	James Thompson.

LIST of OWNERS, MINES, and PERSONS EMPLOYED under the METALLIFEROUS MINES REGULATION ACT in the portion of MR. DICKINSON'S DISTRICT, consisting of CHESHIRE, SUSSEX, and NORTH and EAST LANCASHIRE, excepting the detached part of Lonsdale in North Lancashire, 1884.

Owners or Company.	Mine.	Where situated.	Persons employed, 1884.
CHESHIRE.			
Falk, H. E., Meadowbank Salt Works, Winsford, Cheshire.	Meadowbank Rock-Salt	Winsford, Cheshire	52
Fletcher and Rigby	Marston Old Rock-Salt	Marston, Northwich	24
Hayes, Wm., and Son	Marston Hall Rock-Salt	Ditto	20
Platt, James, and Son	Crystal Rock-Salt	Ditto	6
Steenstrand, Wm. (A. Anderson, Manager).	British Rock-Salt	Wincham, Northwich	25
Thompson, Alfred J.	Marston Pool Rock-Salt	Marston, Northwich	6
Thompson, John	Witton Hall Rock-Salt	Witton, Northwich	45
Verdin, Joseph, and Sons, Salt Works, Winsford, Cheshire	{ Adelaide Rock-Salt Witton Rock-Salt	{ Marston, Northwich Witton, Northwich	{ 12 119
	Total		309

For List of Cheshire Salt Proprietors see "Salt" in the Mineral Statistics.

SUSSEX.			
Hastings, Alfred Gardener	East Sussex Gypsum	Woodlands, Netherfield, Battle.	—
Sub-Wealden Gypsum Co., Ltd., Mountfield, Robertsbridge, Hawk-hurst, Sussex (Wm. Finlay, Manager).	Mountfield	Hawkhurst	34
	Total		34

NORTH AND EAST LANCASHIRE, EXCLUSIVE OF THE DETACHED PART OF NORTH LANCASHIRE.

Brocklehurst, Wm., & Co. (John Mellor, Agent).	Ardwick, Limestone	Ardwick, Manchester	9
Butterworth and Brooks, Britannia, Bacup	{ Britannia, Flag Sand Grit, Flag	{ Whitworth Ditto	{ 53
Collinge, J. and J.	Pike Law, Flag	Lower Booths, Haslingden.	16
Entwisle, James Pickup, Central Offices, Sough, Darwen	{ Greenleach, Flag Farther, Flag	{ Over Darwen Ditto	{ 45
Entwisle, Robt. S. and Wm., Sough, Darwen.	Rosehill, Flag	Ditto	28
Heys, Henry, & Co., Facit Quarries, Shawforth, Rochdale.	Tong End Pasture, Flag	Whitworth	52
Jackson, Robt., and Sons, Cock Hall, Facit, Rochdale.	Schofield Hey, Flag	Ditto	6
Law, Isaac	Shawforth, Flag	Near Rochdale	22
Lloyd and Millward	Turncroft, Flag	Over Darwen	40
Pleesal	Pleesal Rock-salt	Fleetwood.	—
Siddall, Richd., Brandwood Quarries, Waterfoot, near Manchester	{ Back Cown, Flag Rake Head, Flag	{ Whitworth Stacksteads.	{ 5
Turner, John	Moss, Flag	Shawforth, Whitworth	16
Walton, James, Stone Merchant, Rawtenstall, Manchester.	Entwistle, Flag	Bolton	12
Warton Mining and Colour Co. (H. J. Walduck, Manager).	Warton and Gibraltar Colour	Silverdale, near Carnforth.	21
Wild, Richard, Sunnyside, Rawtenstall.	Crawshaw Booth, Flag	Rawtenstall	7
Windle, Ashworth, and Taylor (27 persons), late Cunliffe.	Scout, Flag	Waterfoot.	—
	Total		332

LIST of OWNERS, MINES, and MANAGERS under the COAL MINES REGULATION ACT in the portion of MR. DICKINSON'S DISTRICT consisting of IRELAND, 1884.

Owner or Company.	Mine or Colliery.	Where situated.	Manager.
CONNAUGHT:—COUNTIES LEITRIM, ROSCOMMON, AND SLIGO (LOUGH ALLEN COALFIELD).			
Gannon, Mrs. Mary, Ballyfarnon, Carrick-on-Shannon.	Greegnageeragh and Gubbarudda.	Kilronan, Co. Roscommon.	Robt. Benison.
Laydon, Michael, Drumkeerin, Carrick-on-Shannon.	{ Knockatean - - - Tullymorrow - - -	Co. Leitrim - - - Ditto - - -	Michael Laydon. Ditto.
Lyons, James, Spencer Harbour Collieries, Drumkeerin, Carrick-on-Shannon.	Seltannaskeagh - - -	Ditto - - -	James Lyons.
McPartlon, Peter, Lough Allen, Carrick-on-Shannon.	Seltinaveeny - - -	Co. Roscommon - - -	Peter McPartlon.
O'Rourke, Henry, Ballyfarnon, Carrick-on-Shannon.	Geevagh - - -	Co. Sligo - - -	John O'Rourke.
Walsh, Patrick, Aghabehy, Ballyfarnon, Carrick-on-Shannon.	Gubbarudda - - -	Co. Roscommon - - -	Patrick Walsh.

LEINSTER:—KILKENNY AND QUEEN'S COUNTIES (LEINSTER COALFIELD).			
Dobbs, Joseph, Coolbawn, Castlecomer - - -	{ Jarrow - - - Rock - - -	Cloneen, Co. Kilkenny - Coolbawn, Co. Kilkenny.	James Brennan. William Wilson.
Hall and Dobbs, Monteen Colliery, Gurteen, Castlecomer.	Monteen - - -	Castlecomer, Co. Kilkenny.	Thomas Ryan.
Kerr, Thos., Coolbawn, Castlecomer.	Rock Hill - - -	Coolbawn, Co. Kilkenny	Thos. Kerr.
Leinster Colliery Co., Ballylinan, Athy.	Modubeagh and Wolfhill -	Wolfhill, Queen's Co.	—
Ditto. Sub-Lessees:—			
Brennan, Thos., & Co. -	Ladder Pit - - -	Wolfhill.	—
Campion, Wm., & Co. -	Gracefield - - -	Ditto.	—
Carpenter, John, & Co. -	Southern's Pit - - -	Ditto.	—
Hughes, Wm., & Co. -	Calf's Pit - - -	Ditto.	—
Kouly, James, & Co. -	Cut Pit - - -	Ditto.	—
Langton, John, & Co. -	Gracefield - - -	Ditto.	—
Ryan, John, & Co. -	Cricket Pit - - -	Ditto.	—
Rockford, John, & Co. -	Ditch Pit - - -	Ditto.	—
Robson, Grace, & Co., Clogh Colliery, Castlecomer.	Clogh - - -	Cloneen, Co. Kilkenny -	J. Mc C. Meadows.
Robson, Thomas - - -	Clonbrock - - -	Crettyard, Queen's Co. -	Ditto.
Shortall, Michl. Skehana Colliery, Castlecomer.	Skehana - - -	Co. Kilkenny - - -	Michael Killroy.
Sutcliffe, Richard, Commons, Thurles.	Garrandenny - - -	Queen's County.	—

MUNSTER:—COUNTIES TIPPERARY AND CORK.			
Delany, Dennis - - -	Williamstown - - -	Commons, Thurles, Co. Tipperary.	—
Mining Co. of Ireland, Ltd., Slievardagh Collieries, Thurles. 30, Lower Ormond Quay, Dublin - - -	Coalbrook and Bolintlea -	Slievardagh, Co. Tipperary.	John McEvoy.
	Earlshill and Lickfin - - -	Ditto - - -	John H. Lanphier.
	Foilacamin and Graigamane Lisnacoon - - -	Ditto - - -	Patk. E. Hore.
Sutcliffe, Richd. - - -	Kilcooley - - -	Dromagh, Banteer, Co. Cork. Slievardagh, Thurles -	Richard Sutcliffe.

ULSTER:—COUNTIES ANTRIM AND TYRONE.			
Boyd, Sir Fredk., Bart. (E. M. Douglas, Agent.)	Ballycastle - - -	Ballycastle, Co. Antrim.	—
Gatus and McKinna - - -	Gortnaskea - - -	Coalisland, Dungannon.	—
King, Robt., Annsly Lodge -	Coalisland - - -	Dungannon.	—
Tyrone, Coal Mining Co. -	Congo - - -	Edendork, Dungannon -	Alexr. Gillespie.

## LIST of OWNERS, MINES, and PERSONS EMPLOYED, under the METALLIFEROUS MINES REGULATION ACT, in the portion of MR. DICKINSON'S DISTRICT consisting of IRELAND, 1884.

Owner or Company.	Mine.	Where situated.	Persons employed, 1884.
<b>CONNAUGHT.</b>			
Connaught Copper Mining Co., Ltd., (M. Boundy), 2, Water Street, Liverpool.	Srablaghy - - -	Ballycastle, Co. Mayo -	4
Errisbeg Mining Co., Ltd. (M. G. Painter).	Errisberg - - -	Roundstone, Galway -	19
			23
<b>LEINSTER.</b>			
Hallowes, Trustees of Rev. Richard C., Oatlands, Abbeyleix.	Ballygahan - - -	Wooden Bridge, Co. Wicklow.	4
Mining Co. of Ireland, Ltd., Seven Churches, Rathdrum (J. Hore, Manager); Office, 30, Lower Ormond Quay, Dublin.	Luganure - - -	Seven Churches, Co. Wicklow.	64
Ovoca Mineral Co., Ltd. (Arthur G. Ryder, Manager).	Connorree - - -	Ovoca, Co. Wicklow -	30
Parnell, C. S., M.P., Avondale, Rathdrum.	Avondale - - -	Rathdrum, Co. Wicklow	6
Rivington, Thos., Palermo, Bray (James Higgins, Manager) - - -	{ Cronebane - - -	Ovoca, Co. Wicklow -	} 148
Thompson bros., Kingscourt, Co. Cavan.	{ Trigroney - - -	Ditto - - -	
Wicklow Copper Mine Co., Ovoca (113, Grafton Street, Dublin).	Drumgill, Plantation near Kingscourt.	Co. Meath - - -	27
	Ballymurtagh - - -	Ovoca, Co. Wicklow -	8
			287
<b>MUNSTER.</b>			
Bantry Bay Barytes Co. - - -	Kilmocapogue - - -	Near Bantry, Co. Cork.	—
Bantry Silver Mines Co. - - -	Lisheremig - - -	Bantry - - -	5
Berehaven Mining Co., in Liquidation, 1, Foster Place, Dublin.	Berehaven - - -	Allihies, Co. Cork	10
Durrus Barytes Co., Matthews, John T., 72, Cornhill, London (Coats and Eddy, Contractors at the Mine).	Dereenlomane - - -	Durrus, Co. Cork -	36
Glen Cove Co. - - -	Glen Cove - - -	Kilcrohan, Co. Cork.	—
Gordon & Co., Ltd., 3, Westminster Chambers, London.	Glandore - - -	Leap, Co. Cork -	1
	Valentia, Slate - - -	Island of Valentia, Co. Kerry.	—
Oola Hills Silver Lead Mining Co., Oola, Tipperary.	Oola - - -	Oola, Co. Tipperary -	1
South Berehaven Co., Ltd., 23, Leadenhall Street, London, E.C.	South Berehaven - - -	Kilcrohan, Co. Cork -	54
Swan, J. Cameron, & Co., 1, Dean Street, Newcastle-on-Tyne (John Cardew, Manager).	Muckruss Head, Barytes - - -	Clonakilty, Co. Cork -	23
			130
<b>ULSTER.</b>			
Antrim Iron Ore Co., Ltd. (Robert Browne, Secretary), 1, Victoria Chambers, Belfast (Mr. C. H. Williams, Manager) - - -	{ Dungonnell - - -	Glenravel, Ballymena -	} 235
Belfast Mining Co., Ltd. (Edward J. Dowdall), 5, Victoria Street, Belfast.	{ Glenarm - - -	Glenarm - - -	
Carrickfergus Salt Mining Co. - - -	{ Parkmore - - -	Ballymena - - -	
Carrick-na-horna Co. - - -	{ Rathkenny - - -	Ditto - - -	
Chambers, Charles, 3, Westminster Chambers, Victoria Street, London.	French Park - - -	Duncrue, Carrickfergus, Co. Antrim.	28
Dalway, M. R. & M. W., Salt Works, Carrickfergus.	Burleigh - - -	Carrickfergus - - -	24
Dalway, M. R., & Co., Ltd., Salt Works, Carrickfergus (J. S. Hodgkinson, Manager).	Carrick-na-horna - - -	Ballyshannon - - -	14
Duckworth, John, Nursery Works, Radcliffe, Manchester.	Evishacrow Iron Ore - - -	Glenravel - - -	4
	Clough Lands Rock Salt - - -	Eden, Carrickfergus -	10
	Maiden Mount Rock Salt - - -	Duncrue, Carrickfergus	19
	Garton Steatite - - -	Carratrasna, near Letterkenny, Co. Donegal.	—

LIST of OWNERS, MINES, and PERSONS EMPLOYED, under the METALLIFEROUS MINES REGULATION ACT, in the portion of MR. DICKINSON'S DISTRICT consisting of IRELAND, 1884—*cont.*

Owner or Company.	Mine.	Where situated.	Persons employed, 1884.
<i>ULSTER--continued.</i>			
Duneany Mining Co. (Wm. Kendall, Barrow-in-Furness) (F. E. Eddis, Manager).	Duneany Iron Ore - - -	Killagan - - -	35
Dunluce Mining Co. (Silas Evans), 9, Victoria Chambers, Belfast.	Dunluce - - -	Portrush - - -	4
Eglington Chemical Co., Ltd., 29, St. Vincent Place, Glasgow (W. Jamieson, Manager)	Cullinane Bauxite - - -	Glenarm - - -	8
	Lemeneagh Bauxite - - -	Ballintoy - - -	10
Evans, Silas, 9, Victoria Chambers, Belfast.	Ballylaggan, Bauxite - - -	Portrush - - -	2
Fisher, John, & Co., Barrow-in-Furness.	Glenravel Iron Ore - - -	Slieveniah, Glenravel - - -	21
Glenariff Iron Ore and Harbour Co., Ltd., 36, Walbrook, London, E.C.	Cloghcor Iron Ore - - -	Parkmore, Ballymena - - -	1
Irish Hill Mining Co., Carrickfergus (Alexander Sutherland, Larne).	Irish Hill and Straid Bauxite - - -	Ballynure - - -	21
Mount Cashel Iron Ore Co., Ltd., 9, Victoria Chambers, Belfast, and 1, Chancery Lane, Pall Mall, Manchester.	Evishnably Iron Ore - - -	Glenravel, Ballymena - - -	2
Newtownards Mining Co. (Peter Echlin, Manager).	Newtownards Lead - - -	Co. Down - - -	6
Portrush Mining Co. (Wm. Forsyth, Manager), Portrush - - -	Ballycraig - - -	Portrush - - -	30
	Orblereigh - - -		
	Ballyboley - - -	Ballynure Junction - - -	11
	Ballypallady - - -	Ballyclare - - -	
Ritchie, Francis, and Sons - - -	Island Magee - - -	Larne - - -	
Templeton, Viscount (Capt. S. W. Perry, J.P., Agent).	Templepatrick Iron Ore - - -	Lyle Hill, viâ Belfast.	-
			485

Total persons employed at the metalliferous mines of Ireland, 925.

For List of Salt Proprietors and of Slate Quarries in Ireland, see SALT and SLATE in the Mineral Statistics.

## (2.) North Staffordshire District.

MR. THOMAS WYNNE.

## LIST of MINES, OWNERS, and MANAGERS under the COAL MINES REGULATION ACT, in NORTH STAFFORDSHIRE, CHESHIRE, and SHROPSHIRE, 1884.

Name of Colliery.	Postal Address.	Owner or Company.	Manager.	Remarks.
NORTH STAFFORDSHIRE.				
Common Side - - -	Cheadle - - -	William Malkin - - -	R. Robertson - - -	Coal.
Well Street - - -	Ditto - - -	Ditto - - -	Ditto - - -	Ditto.
Cross Flats - - -	Ditto - - -	Salt & Co. - - -	C. Salt - - -	Ditto.
Callow Hill - - -	Ditto - - -	Ditto - - -	Ditto - - -	Ditto.
Dillhorne - - -	Ditto - - -	Ditto - - -	Ditto - - -	Ditto.
Woodhead - - -	Ditto - - -	William Bowers - - -	A. Edwards - - -	Ditto.
Hazlewall - - -	Ditto - - -	Ditto - - -	Ditto - - -	Ditto.
Cheadle - - -	Ditto - - -	Plant & Co. - - -	- - -	Standing.
Ipstones Park - - -	Ditto - - -	Southall & Co. - - -	W. Southall - - -	Ironstone.
Consall - - -	Ditto - - -	Scott & Co - - -	D. Bettany - - -	Ditto.
Delphouse - - -	Ditto - - -	Sir Lionel Pilkington - - -	- - -	Standing.
Litley - - -	Ditto - - -	Bolton & Son - - -	- - -	Ditto.
Park Hall - - -	Ditto - - -	Almond & Co. - - -	W. Southall - - -	Coal.
Little Above Park - - -	Ditto - - -	Mann & Co. - - -	- - -	Standing.
Bradley Green - - -	Congleton - - -	R. Heath & Sons - - -	W. Chaddock - - -	Coal.
Adderley Green - - -	Longton - - -	Stirrup & Pye - - -	J. R. Haines - - -	Ditto.
Bentilee - - -	Ditto - - -	Hawley & Co. - - -	W. Wardle - - -	Ditto.
Mossfields - - -	Ditto - - -	Ditto - - -	Ditto - - -	Standing.

LIST of MINES, OWNERS, and MANAGERS under the COAL MINES REGULATION ACT, in NORTH STAFFORDSHIRE, CHESHIRE, and SHROPSHIRE, 1884—*cont.*

Name of Colliery.	Postal Address.	Owner or Company.	Manager.	Remarks.
NORTH STAFFORDSHIRE— <i>cont.</i>				
Willfield	Longton	Wain & Co.	-	Coal.
Brownsfield	Ditto	Booth & Sons	T. Booth	Ditto.
Weston Coyney	Ditto	Weston Coyney Colliery Co.	S. Clewes	Ditto.
Fenton Park	Ditto	Boughey & Armistead	-	Standing.
Victoria	Ditto	-	-	Ditto.
Florence	Ditto	Duke of Sutherland	G. Stevenson	Coal.
Foley	Ditto	Balfour & Co.	T. Mottram	Ditto.
Goldenhill	Ditto	Ditto	Ditto	Standing.
Stone Road	Ditto	Ditto	Ditto	Coal.
Old Field	Ditto	Ditto	Ditto	Coal and ironstone.
Pool Dole	Ditto	Ditto	Ditto	Ditto.
Anchor	Ditto	H. Ashwell	-	Standing.
Hulme Valley	Ditto	Credit Co., Limited	J. Clegg	Coal.
Gainmore	Ditto	Ditto	Ditto	Ditto.
Hill Top	Ditto	Hill Top Colliery Co. Limited.	J. Borrowman	Ditto.
Longton Hall	Ditto	J. & A. Glover	R. Hunter	Coal and ironstone.
Ubberley Hall	Ditto	Harp & Co.	J. R. Harp	Coal.
Meir Hey	Ditto	A. Sparrow	G. Mitcheson	Ditto.
Bells Mill	Hanley	Earl Granville	J. Lucas	Coal and ironstone.
Lady's Well	Ditto	Ditto	Ditto	Ditto.
Far Green	Ditto	Ditto	Ditto	Ditto.
Boothen	Ditto	Ditto	Ditto	Ditto.
Slippery Lane	Ditto	Ditto	Ditto	Ditto.
Racecourse	Ditto	Ditto	Ditto	Ditto.
Pear Tree	Ditto	Ditto	Ditto	Ditto.
Joiner's Square	Ditto	Ditto	Ditto	Standing.
Hanley and Bucknall	Ditto	New Hanley and Bucknall Co., Limited.	J. MacGowan	Coal.
Bucknall	Ditto	Elijah Lingard	-	Standing.
Blakelaw	Ditto	Co-operative Coal Co.	-	Ditto.
Ivy House	Ditto	Ivy House & Northwood Co., Limited.	C. J. Homer	Coal.
North Wood	Ditto	Ditto	T. Clowes	Ditto.
Townsend	Ditto	Holdercroft & Co.	T. Holdercroft	Coal.
Wetley Moor	Ditto	Wetley Moor Coal and Firebrick Co.	G. Nichols	Coal, ironstone, and fire-clay.
Bucknall Church	Ditto	Whitehead & Co.	-	Standing.
Holly Greave	Ditto	Bulhurst Coal Co.	P. Kirk	Coal.
Lilly Dale	Ditto	E. Perrins	-	Ditto.
Bank Top	Burslem	James Ashworth	-	Standing.
Cobridge	Ditto	Tellwright & Watkins	T. Chadwick	Coal and ironstone.
Sandbach	Ditto	Ditto	Ditto	Ditto.
Hamil	Ditto	Reps. of late J. Wedgewood.	E. Gater	Standing.
Bycars	Ditto	Ditto	Ditto	Fireclay.
Jackfield	Ditto	Plant & Co.	-	Coal.
Newhays	Ditto	Thomas Wilkinson	T. Wilkinson	Coal and ironstone.
Sneyd Farm	Ditto	Sneyd Colliery Co.	J. Heath	Ditto.
Stanfield	Ditto	Stanfield Colliery Co.	R. H. Cole	Ditto.
Peacocks Hay	Tunstall	-	-	Standing.
Sneyd Green	Burslem	Stanier & Co.	-	Ditto.
Mill Hayes	Ditto	Clive & Co.	B. Clive	Ironstone.
Bradeley	Ditto	George Moss	-	Ditto.
Chell	Tunstall	R. Beswick & Co. Ltd.	R. Beswick, jun.	Coal and ironstone.
Goldenhill	Ditto	Williamson Brothers	-	Ditto.
Lowlands	Ditto	Ditto	-	Ditto.
Stonetrough	Ditto	Ditto	S. Eardley (Agent)	Coal.
Tower Hill	Ditto	Ditto	Ditto	Ditto.
Yeldhill	Ditto	Ditto	Ditto	Coal and ironstone.
Furlong	Ditto	William Adams	T. Sherratt	Ditto.
Greenfields	Ditto	Ditto	Ditto	Ironstone.
Packmoor	Ditto	Lawton Brothers	M. Lawton	Coal and ironstone.
Ditto	Ditto	New Packmoor Colliery Co.	A. Cleobury	Ditto.
Thursfield	Ditto	Kinnersley & Co.	T. E. Storey	Ditto.
Turnhurst	Ditto	Turnhurst Colliery Co.	W. Scragg	Ditto.
Wedgewood	Ditto	Wedgewood Coal Co., Ltd.	A. Cleobury	Ditto.
Lane Ends	Ditto	Ditto	Ditto	Ditto.
Harriseahead	Ditto	Samuel Taylor & Co.	S. Taylor	Coal.
Tileries	Ditto	Thomas Peake	E. Lovekin	Coal and ironstone.
Brownhills	Ditto	R. Heath & Sons	W. H. Gilderoy	Ditto.
Chatterley	Ditto	Chatterley Iron Co.	John Salt	Ditto.
High Lane	Ditto	Ditto	-	Ditto.
Pinnox	Ditto	Ditto	J. Wright	Ditto.
Scotia	Ditto	Ditto	-	Standing.
Ridgeway	Ditto	Ditto	-	Ditto.
Newfield	Ditto	Mellor & Scragg	W. Scragg	Coal and ironstone.
Whitfield	Ditto	Chatterley Iron Co., Ltd.	J. Wright	Coal.

LIST of MINES, OWNERS, and MANAGERS under the COAL MINES REGULATION ACT, in NORTH STAFFORDSHIRE, CHESHIRE, and SHROPSHIRE, 1884—cont.

Name of Colliery.	Postal Address.	Owner or Company.	Manager.	Remarks.
NORTH STAFFORDSHIRE—cont.				
Oxford -	Tunstall -	Chatterley Iron Co., Ltd. -	J. Wright -	Coal and ironstone.
Olanway -	Ditto -	Clive & Co. -	W. B. Clive -	Ditto.
Apedale -	Newcastle -	Stanier & Co. -	J. C. Cadman -	Ditto.
Silverdale -	Ditto -	Butterley Co. -	W. Scott -	Ditto.
Park House -	Ditto -			Ditto.
Crackley -	Ditto -			Ditto.
The Nabs -	Ditto -			Ditto.
Holly Wood -	Ditto -			Ditto.
The Grove -	Ditto -			Ditto.
Clough Hall -	Ditto -			Kinnersley & Co. -
Kidsgrove -	Ditto -	Ditto -	Ditto -	Ditto.
Hollinwood -	Ditto -	Ditto -	Ditto -	Ditto.
Ranscliff -	Ditto -	Ditto -	Ditto -	Ditto.
Trubshaw -	Ditto -	Ditto -	Ditto -	Ditto.
Bignall Hill -	Ditto -	Reps. of late J. Wedge-wood.	E. Gater -	Coal.
Jammage -	Ditto -	Ditto -	Ditto -	Ditto.
Old Hays Wood -	Ditto -	Miners' Association -	-	Standing.
Highcarr -	Ditto -	J. H. Williamson -	R. Cochrane -	Coal and ironstone.
Knutton -	Ditto -	Stanier & Co. -	J. C. Cadman -	Ditto.
Oak -	Ditto -	Ditto -	Ditto -	Ditto.
Knutton Farm -	Ditto -	Viggars & Co. -	B. Viggars -	Ditto.
Racecourse -	Ditto -	Ditto -	Ditto -	Ditto.
Rosemary Hill -	Ditto -	J. N. Peake -	E. Lovekin -	Ditto.
Whitebarn -	Ditto -	John Blaikie -	J. Mould -	Ditto.
Madeley -	Ditto -	Crewe Coal & Iron Co., Limited.	J. Settle -	Coal.
Leycett -	Ditto -	Ditto -	Ditto -	Ditto.
Red Street -	Ditto -	Bentley & Co. -	J. Bentley -	Coal and ironstone.
Podmore Hall -	Ditto -	Cooper & Craig -	J. Young -	Coal.
Miles Green -	Ditto -	-	Oswald -	Standing.
Millbank -	Ditto -	J. H. Pearson -	-	Coal and ironstone.
Glass House -	Ditto -	Chesterton Coal Co., Ltd. -	C. Lawton -	Ditto.
Chesterton -	Ditto -	Ditto -	Ditto -	Ditto.
High Carr -	Ditto -	High Carr Coal & Ironstone Co.	J. Lawton -	Ditto.
Hem Heath -	Ditto -	Hem Heath Mining Co. -	-	Ditto.
Berry Hill -	Stoko-on-Trent -	J. Warrington -	-	Ditto.
Holly Bush -	Ditto -	Ditto -	S. Barker -	Ditto.
Lawn -	Ditto -	Chatterley Iron Co. Ltd. -	W. Bridgett -	Coal.
Bookhouse -	Ditto -	Ditto -	Ditto -	Ditto.
New Ubbberley -	Ditto -	Ditto -	Ditto -	Ditto.
Biddulph Valley -	Ditto -	Robert Heath and Son -	W. S. Coe -	Coal and ironstone.
Norton -	Ditto -	Ditto -	J. Locket -	Ditto.
The Grange -	Ditto -	Ditto -	Chas. Proctor -	Ditto.
Bollerton Lane -	Ditto -	Ditto -	Ditto -	Ditto.
Newchapel -	Ditto -	Ditto -	W. S. Coe -	Ditto.
Bent -	Ditto -	Ditto -	Ditto -	Ditto.
Audley -	Ditto -	Rigby & Co. -	B. Johnson -	Coal.
Hayswood -	Ditto -	Cooper and Craig -	- Wilson -	Coal and ironstone.
Swan -	Ditto -	-	-	Standing.
Bunkers Hill -	Ditto -	Rigby & Co. -	E. Sumner -	Coal.
Great Fenton -	Ditto -	Stafford Coal and Iron Co., Limited.	W. Robson -	Coal and ironstone.
Red Hall -	Ditto -	Alfred Pearson -	-	Standing.
Harecastle -	Ditto -	Bidder and Elliot -	MacGowan(Agent) -	Coal.
Woodshutts -	Ditto -	Ditto -	Ditto -	Ditto.
Lawton -	Ditto -	Ditto -	Ditto -	Ditto.
Talk-o'-th'-Hill -	Ditto -	New North Stafford Coal and Iron Co.	R. W. Johnson -	Ditto.
Mitchell's Wood -	Ditto -	Ditto -	Ditto -	Coal and ironstone.
Glebe -	Stoke -	J. Challinor & Co. -	J. Ashworth -	Coal.
Red Cross -	Biddulph -	George Gaskell -	W. Scott -	Ditto.
Park Farm -	Ditto -	Gaskell & Co. -	Ditto -	Standing.
Hall-o'-Lee -	Ditto -	Colliery Co. -	Griffiths -	Coal.
Newpool -	Ditto -	Cox and Twyford -	-	Standing.
Hurst Vale -	Ditto -	-	-	Ditto.
CHESHIRE.				
Whaley Bridge -	Stockport -	L. and E. Hall -	-	Coal.
Adlington -	Ditto -	Jonathan Jowett -	-	Ditto.
Banks End -	Disley, Stockport -	L. and E. Hall -	-	Ditto.
Bugsworth -	Hayfield, Stockport -	Ditto -	-	Ditto.
Burnt Edge -	Ditto -	Ditto -	-	Ditto.
Bredbury -	Stockport -	J. and A. Stott Milne -	A. Clayton -	Ditto.
Disley -	Ditto -	Samson Maiden -	-	Ditto.
Mellor -	Ditto -	Jonathan Jowett -	-	Ditto.
Middlecale -	High Lane, Stockport -	Brocklehurst & Co. -	H. Brocklehurst -	Standing.

LIST OF MINES, OWNERS, and MANAGERS under the COAL MINES REGULATION ACT, in NORTH STAFFORDSHIRE, CHESHIRE, and SHROPSHIRE, 1884—*cont.*

Name of Colliery.	Postal Address.	Owner or Company.	Manager.	Remarks.
<i>CHESHIRE—cont.</i>				
Norbury	High Lane, Stockport.	Clayton and Brooke	Warburton	Coal.
Poynton and Worth	Poynton, Stockport.	Lord Vernon	G. C. Greenwell, jun.	Ditto.
Ringstones	Whalley Bridge, Stockport.	J. Jackson	-	Ditto.
Harper's Brook	Marple, Stockport	Thos. Wainwright	T. Wainwright	Coal and fire-clay.
Robinsclough	Stockport.	W. and H. Hand	H. Hand	Ditto.
Winterfold	Adlington, Stockport.	Daniel Kirk	-	Standing.
Furnace Vale	Disley, Stockport	-	-	Ditto.
Redacre	Poynton, Stockport.	George Needham	G. Needham	Coal and fire-clay.
Dunkirk	Dukinfield	Dunkirk Coal Co.	W. Ratcliffe	Coal and cannel.
Astley	Ditto	Ditto	Ditto	Ditto.
Fireclay	Ditto	Ditto	-	Coal and fire-clay.
Victoria	Ditto	J. D. P. Astley	Ditto	Coal and cannel.
Backspond	Lyme, Macclesfield.	W. Hewitt	-	Coal.
Bakestone Dale	Macclesfield	W. Gardiner	-	Ditto.
Eddisbury	Rainow, Macclesfield.	Jonathan Hully	J. Hully	Ditto.
Hough Hole	Ditto	W. Mellor	-	Standing.
Lymmer Clough	Ditto	-	-	Ditto.
Throstles Nest	Ditto	-	-	Ditto.
Pottshrigley	Macclesfield	Geo. Lambert	W. Gardner	Coal.
Sponds	Lyme, Macclesfield.	James Jackson	-	Ditto.
Bayleyfield	Hyde	T. J. and J. Ashton	James Phillips	Ditto.
Hyde	Ditto	Hyde Colliery Co.	J. Goodwin	Ditto.
Lime Kilns	Marple	Wright, Tymms, & Co.	W. Tymms	Ditto.
Daisyfield	Hyde	Mellor & Co.	-	Ditto.
Neston	Neston, Chester	Neston Colliery Co.	J. Miller	Coal.
Fireclay	Dukinfield	Hall and Son	-	Fire-clay.
Brink	Macclesfield	B. Cooke	-	Coal.
Barro Clough	Ditto	-	-	Standing.
Dane Thorn	Buxton	Harold Hand	H. Hand	Coal.
<i>SHROPSHIRE.</i>				
Lilleshall	Wellington	Lilleshall Co.	N. T. Beech	Coal and ironstone.
Donnington	Ditto	Ditto	Ditto	Ditto.
Prior's Lee	Ditto	Ditto	Ditto	Ditto.
Woodhouse	Ditto	Ditto	Ditto	Ditto.
Hadley	Ditto	Ditto	Ditto	Ditto.
Stafford	Ditto	Ditto	Ditto	Ditto.
Granville	Ditto	Ditto	N. T. Beech	Ditto.
Madeley Court	Ditto	Madeley Court Co.	W. J. Clarke	Ditto.
Calcutts	Ditto	Ditto	Ditto	Ditto.
Broseley	Ditto	Ditto	Ditto	Ditto.
Old Park	Ditto	A. C. Curre	T. T. Wynne	Ditto.
Malins Lee	Ditto	Ditto	Ditto	Ditto.
Stirchley	Ditto	Ditto	Ditto	Ditto.
Wombridge	Ditto	Hopley bros.	J. O. Owen	Ditto.
Horseleasow	Ditto	Ditto	Ditto	Ditto.
Coalbrookdale	Ditto	Coalbrookdale Co.	H. Rawson	Ditto.
Lawley Bank	Ditto	Ditto	Ditto	Ditto.
Horse Hay	Ditto	Ditto	Ditto	Ditto.
Lawley	Ditto	Ditto	Ditto	Ditto.
Broseley	Ditto	Ditto	-	Standing.
Lawley Bank	Ditto	Ditto	-	Ditto.
Lightmore	Ditto	Ditto	-	Ditto.
Roughfields	Ditto	Ditto	Ditto	Coal and ironstone.
Ketley	Ditto	Castle Iron Co.	J. Williams	Ditto.
Waterloo	Ditto	Ditto	Ditto	Ditto.
Wigginton	Oswestry	Wigginton Hall Colliery Co.	-	Standing.
Drill	Ditto	Drill Coal and Fireclay Co.	— Millington	Coal and fire-clay.
Trefonen	Ditto	France & Co.	J. Wedge	Ditto.
Shorthill	Shrewsbury	John Atherton	J. Atherton	Coal.
Hanwood	Ditto	Hanwood Coal Co.	Ditto	Ditto.
Arcott New	Ditto	J. Proctor	E. Jones	Ditto.
Lebotwood	Ditto	R. Preen	-	Coal and fire-clay.
Moat Hall	Ditto	Shorthouse & Co.	W. Shorthouse	Ditto.
Ifton Rhyn	Chirk	Lord Hill Trevor	-	Ditto.
Quinta	Ditto	Quinta Coal Co.	D. Lomax	Coal and fire-clay.
Moreton Hall	Ditto	Rusbon and North Wales Co.	W. Pattison	Coal.
Preesgwyn	Ditto	Ditto	W. Ackers	Ditto.

LIST of MINES, OWNERS, and MANAGERS under the COAL MINES REGULATION ACT, in NORTH STAFFORDSHIRE, CHESHIRE, and SHROPSHIRE, 1884---cont.

Name of Colliery.	Postal Address.	Owner or Company.	Manager.	Remarks.
SHROPSHIRE---cont.				
Benthall	Brosley	Benthall Pottery Co.	-	Coal and fire-clay.
Coppice	Ditto	W. and J. Evans	J. Evans	Ditto.
Fish House	Ditto	L. E. Woolstine	L. E. Woolstine	Ditto.
Coniebury	Ditto	Thomas Plimley	T. Plimley	Ditto.
Hay Cop Hill	Ditto	Hill and Aston	J. Aston	Ditto.
Benthall	Ditto	Ditto	Ditto	Ditto.
Ditto	Ditto	Evans and Gough	- Gough	Ditto.
Jackfield	Ditto	Wm. Exley	R. Lloyd	Ditto.
Arscott	Longdon, Salop	Ditto	Ditto	Ditto.
New House	Ditto	George Fenn	G. Fenn	Ditto.
Castleplace	Ditto	Ditto	Ditto	Ditto.
Frodesley	Ditto	-	-	Ditto.
Asterley New	Ditto	-	-	Ditto.
Madeley Wood	Ironbridge	W. R. Anstice & Co.	W. Ward	Coal and ironstone.
Knowbury	Ludlow	Roberts & Co.	J. Tolly	Coal.
Catherton	Ditto	J. Patchett & Co.	J. Hayward	Ditto.
Watsall	Ditto	Summers and Garbutt	W. Briscoe	Ditto.
Cornbrook	Ditto	Clee Hills Coal Co.	J. Tolly	Ditto.
Boycott	Pontesbury	Boycott Colliery Co.	-	Standing.
Farley	Ditto	George Edwards	John Dyas	Coal.
Dark Lane	Shifnal	Heybridge Iron Co.	J. Briscoe	Coal and ironstone.
Hinkshay	Ditto	Ditto	Ditto	Ditto.
Park	Ditto	Ditto	Ditto	Ditto.
Kemberton	Ditto	W. R. Anstice & Co.	W. Ward	Coal.
Tasley	Bridgnorth	-	-	Ditto.
Billingsley	Ditto	W. Birchley	Alf. Gibbs	Ditto.
Harcourt	Cleobury Mortimer.	Robert Jones	-	Ditto.
Asterley	Minsterley	Butler & Co.	-	Ditto.
Highley	Highley	Highley Coal Co.	C. Lawton	Ditto.

LIST OF MINES, OWNERS, and MANAGERS under the METALLIFEROUS MINES REGULATION ACT, NORTH STAFFORDSHIRE, 1884.

Name of Mine.	Postal Address.	Owner or Company.
Chartley Gypsum	Weston-on-Trent	Thomlinson and Salkeld.
Fauld Gypsum	Sudbury, Staffordshire	J. C. Staton & Co.
Ecton Copper	Ecton, Staffordshire.	-

(3.) West Scotland District.

MR. WILLIAM ALEXANDER.

LIST OF OWNERS, MINES, and MANAGERS, under the COAL MINES REGULATION ACT, for the Year 1884.

Owner or Company and Postal Address.	Name of Mine or Colliery.	Where situated.	Name of Manager.
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LANARKSHIRE COLLIERIES.

GLASGOW.

George Crookstone, Crosshill, Glasgow.	Aitkenhead	Glasgow	James Brown.
Bardykes and Hallside Coal Co., Cambuslang.	Bardykes and Hallside	Cambuslang	Robert Grant.
James Dunlop, & Co., Tollcross.	Bogleshole	Tollcross	John Hart.
Carron Iron Co., Falkirk	Cadder	Bishop Briggs	D. A. W. Robertson.
James Dunlop, & Co., Tollcross.	Carmyle	Tollcross	John Hart.
T. G. Buchanan, Cambuslang	Eastfield	Cambuslang	James Allardice.
James Fairrie, Rutherglen	Farne	Rutherglen	James Anderson.
Foxley Coal Co., Tollcross	Foxley	Tollcross	John Livingstone.
Cambuslang Coal Co., Cambuslang.	Gilbertfield	Cambuslang	Wm. Scobie.

## LIST of OWNERS, MINES, and MANAGERS under the COAL MINES REGULATION ACT, for the Year 1884—cont.

Owner or Company and Postal Address.	Name of Mine or Colliery.	Where situated.	Name of Manager.
LANARKSHIRE COLLIERIES—cont.			
GLASGOW—cont.			
Summerlee Iron Co., Coatbridge.	Gilshochill - - -	Maryhill - - -	Gavin C. Gordon.
Wm. S. Dixon, Govan Ironworks, Glasgow.	Govan - - -	Glasgow - - -	James Gemmell.
Strone Coal Co., Glasgow - Kirkhill Coal Co., Cambuslang.	Hamilton Hill - - - Kirkhill - - -	Ditto - - - Cambuslang - - -	Richard Thomson. John Adam.
Lettrick Coal Co., Blantyre - James Dunlop, & Co., Tollcross.	Lettrick - - - Newton - - -	Blantyre. Cambuslang - - -	Wm. Brown.
M. Wallace, & Co., Bishop Briggs.	Over Possil - - -	Bishop Briggs - - -	Wm. Watson.
Strone Coal Co., Glasgow - James Smith, Springburn - Flemington Coal Co., Cambuslang.	Possil - - - Saracen - - - South Westburn - - -	Glasgow - - - Springburn - - - Cambuslang - - -	Richard Thomson. Robt. Love. H. Graham.
F. R. Reid, Rutherglen - George McNair & Co., Tollcross.	Stonelaw - - - Tollcross - - -	Rutherglen - - - Tollcross - - -	John Park. James Stokes.
James Dunn, Cambuslang - Westburn Colliery Co., Cambuslang.	Wellshot - - - Westburn - - -	Cambuslang - - - Ditto - - -	Peter Gibson. George Middleton.
BAILLIESTON AND SHETTLERSTON.			
Springhill Coal Co., Baillieston.	Aitkenston - - -	Baillieston - - -	James Hunter.
Wm. Baird, & Co., Coatbridge	Bartonshill - - -	Ditto - - -	Wm. Ramsay.
Provanhall Coal Co., Baillieston.	Bredisholme - - -	Ditto - - -	Dundas Simpson.
John Hendrie, Mount Vernon	Broomhouse - - -	Mount Vernon - - -	Donald Rowan.
Dunn, Brothers, Baillieston - Provanhall Coal Co., Baillieston.	Burnt Broom - - - Calderbank - - -	Ditto - - - Baillieston - - -	John Dunn. David Walker.
Dunn, Brothers, Baillieston - Kirkwood Coal Co., Coatbridge.	Daldowie - - - Drumpark - - -	Mount Vernon - - - Baillieston - - -	John Dunn. John Husband.
Provanhall Coal Co., Baillieston.	Ellismuir - - -	Ditto - - -	David Walker.
Gartcraig Coal Co., Shettleston.	Gartcraig - - -	Shettleston - - -	Wm. Bain.
Springhill Coal Co., Baillieston.	Hallhill - - -	Baillieston - - -	James Hunter.
McNaughton, Son, & Co., Baillieston.	Heathery Knowe - - -	Ditto - - -	William Moffatt.
John Horne, Tollcross - Alexander Rankine, Shettleston.	Kenmuirhill - - - Lightburn - - -	Ditto - - - Shettleston - - -	Wm. Anderson. Alexr. Rankine.
Wm. Baird & Co., Coatbridge	Mainhill - - -	Baillieston - - -	Wm. Ramsay.
John Young, Baillieston - Springfield Coal Co., Baillieston.	Netherhouse - - - Springhill - - -	Ditto - - - Ditto - - -	James Muir. James Hunter.
Ferrier and Strain, Baillieston	Wester Hallhill - - -	Ditto - - -	John Loudon.
AIRDRIE AND COATBRIDGE.			
Wm. Baird & Co., Coatbridge	Cairnhill - - -	Airdrie - - -	Wm. Ramsay.
W. S. Dixon, Coatbridge - Drumpeller Coal Co., Coatbridge.	Calder Ironworks - - - Drumpeller - - -	Coatbridge - - - Ditto - - -	R. Allan. T. Crookston.
Summerlee Iron Co., Coatbridge.	Ditto - - -	Ditto - - -	Thomas Arnot.
Drumpeller Coal Co., Coatbridge.	Dundyvan - - -	Ditto - - -	T. Crookston.
Gartsherrie Coal Co., Coatbridge.	Gartsherrie - - -	Ditto - - -	J. Campbell.
Wm. Baird & Co., Coatbridge	Hillhead - - -	Ditto - - -	Wm. Ramsay.
Kirkwood Coal Co., Coatbridge.	Kirkwood - - -	Ditto - - -	J. Husband.
Summerlee Iron Co., Coatbridge.	Ditto - - -	Ditto - - -	Thomas Arnot.
Robert Addie & Sons, Coatbridge.	Rosehall - - -	Ditto - - -	John Smith.
Pettigrew & Co., Coatbridge	Souterhouse - - -	Ditto - - -	A. McCulloch.
Summerlee Iron Co., Coatbridge.	Summerlee - - -	Ditto - - -	Thomas Arnot.

LIST of OWNERS, MINES, and MANAGERS under the COAL MINES REGULATION ACT, for the Year 1884—cont.

Owner or Company and Postal Address.	Name of Mine or Colliery.	Where situated.	Name of Manager.
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AYRSHIRE COLLIERIES.

AYR, DALMELLINGTON, AND GIRVAN.

George Taylor & Co., Ayr - Dalmellington Iron Co., Dalmellington.	Annbank - Beoch -	Ayr - Dalmellington -	James A. Clarke. J. Hill.
Ditto - Ditto - Ditto -	Carbieston - Craigmark - Dalharco -	Coylton - Dalmellington - Patna -	David Bryden. J. Hill. David Smith.
Hon. T. F. Kennedy, Maybole James Couper, Maybole - Dalmellington Iron Co., Dalmellington.	Dalquharra - Dalzielsie - Drumsmidden -	Maybole - Ditto - Coylton -	David Fulton. James Couper. David Bryden.
Garrochhill and Duchray Coal Co., Coylton.	Duchray -	Ditto -	James Hart.
George Taylor & Co., Ayr - Garrochhill and Duchray Coal Co., Coylton.	Enterkine - Carrochhill -	Ayr - Coylton -	James A. Clarke. James Hart.
Dalmellington Iron Co., Dalmellington.	Jellieston -	Patna -	David Smith.
Merry and Cunningham, Patna.	Kerse -	Ditto -	John Morton.
McHarrie & Couper, Maybole Dalmellington, Iron Co., Dalmellington.	Kilgrammie - Pennyvenie -	Maybole - Dalmellington -	I. McHarrie. J. Hill.
Ditto -	Sundrum -	Coylton -	David Bryden.
George Taylor & Co., Ayr -	Ditto -	Ditto -	James A. Clarke.
John Galloway & Co., Ayr -	Trabboch -	Ditto -	Gilbert McPherson.

IRVINE, KILWINNING, AND DALRY.

Annick Lodge Coal Co., Irvine Merry and Cunningham, Stevenston.	Annick Lodge - Auchinharvie -	Irvine - Stevenstone -	Robert Watt. John Marshall.
Mackay & Co., Beith - Eglinton Iron Co., Kilwin- ning.	Barr - Bartonholm -	Beith - Kilwinning -	John Walker. James Crookston.
Finnie and Finlay, Dreghorn Ditto ditto	Bourtreeshill - Broomlands -	Dreghorn - Ditto -	Adam Hunter. Ditto.
Merry and Cunningham, Dalry.	Burgh -	Irvine -	Alexander Campbell.
A. Finnie and Son, Kilmar- nock.	Cauldhame -	Kilmarnock -	John Rorrison.
Hugh Jack, Dalry - John Barr, Ardrossan -	Crossroads - Doura -	Dalry. Irvine -	Thomas Rigg. James Kenneth.
A. Kenneth and Sons, Kil- winning.	Eglinton -	Kilwinning -	James Kenneth.
Eglinton Iron Co., Kilwin- ning.	Eglinton Ironworks -	Ditto -	James Crookston.
A. Finnie and Son, Kilmar- nock.	Fergushill -	Ditto -	John Glen.
James Oliphant, Dalry - Eglinton Iron Co., Kil- winning.	Kersland - Misk -	Dalry. Kilwinning -	James Crookston.
J. and M. Craig, Kilmarnock Eglinton Iron Co., Kilwin- ning.	Perce-ton - Redburn -	Irvine - Kilwinning -	H. Finlay. James Crookston.
A. Finnie and Sons, Kilmar- nock.	Springhill -	Kilmarnock -	John Rorrison.
A. Kenneth and Sons, Kil- winning.	Springside -	Irvine -	James Kenneth.
Eglinton Iron Co., Kil- winning.	Stevenstone -	Stevenstone -	James Crookston.

KILMARNOCK AND GALSTON.

Eglinton Iron Co., Kilmar- nock.	Bankhead -	Galston -	John Love.
John Galloway, Kilmarnock - Bellfield Coal Co., Hurlford - John Gillmour & Co., Kil- marnock.	Barleith - Bellfield - Bonnyton -	Hurlford - Ditto - Kilmarnock -	Gilbert McPherson. H. Lavery. William Hillhouse.
Boyd, Gilmour, & Co., Galston W. S. Cunningham, Kilmar- nock.	Burn Bank and Ladyton Caprington -	Galston - Kilmarnock -	William Semple. John Neil.
Merry and Cunningham, Dreghorn.	Drummuir -	Dreghorn -	David Jeffrey.
John Horne, Galston - Gauchalland Coal Co., Galston Boyd, Gilmour, & Co., Galston	Galston - Gauchalland - Goatfoot -	Galston - Ditto - Ditto -	William Green. Robert Outhbert. William Semple.

LIST of OWNERS, MINES, and MANAGERS under the COAL MINES REGULATION ACT, for the Year 1884—*cont.*

Owner or Company and Postal Address.	Name of Mine or Colliery.	Where situated.	Name of Manager.
<b>AYRSHIRE COLLIERIES—<i>cont.</i></b>			
<b>KILMARNOCK AND GALSTON—<i>cont.</i></b>			
B. Yates & Co., Kilmarnock	Grange - - -	Kilmarnock - - -	James Strachan.
Eglinton Iron Co., Kilmarnock.	Grougar - - -	Hurlford - - -	John Love.
J. Oastler & Co., Kilmarnock	Hayside - - -	Kilmarnock - - -	Alexander Lawrie.
J. and M. Craig, Kilmarnock	Hillhead - - -	Ditto - - -	Hugh Finlay.
John Horne, Galston -	Holmes - - -	Galston - - -	Thomas Winning.
John Howie, Kilmarnock -	Hurlford - - -	Hurlford - - -	John Howie.
A. Finnie and Sons, Kilmarnock.	Kilmarnock - - -	Kilmarnock - - -	D. Beveridge.
Eglinton Iron Co., Kilmarnock.	Loudoun - - -	Galston - - -	John Love.
Maxwood Coal Co., Galston -	Maxwood - - -	Ditto - - -	John Howat.
Merry and Cunningham, Dreghorn.	Paddocklaw - - -	Dreghorn - - -	David Jeffrey.
John McKnight, Kilmarnock	Plann - - -	Kilmarnock - - -	Alexander Goldie.
Allan, Gilmour, & Co., Kilmarnock.	Portland - - -	Hurlford - - -	Daniel Gilmour.
Eglinton Iron Co., Kilmarnock.	Portland Iron Works	Ditto - - -	John Love.
Allan, Gilmour, & Co., Kilmarnock.	Skerrington - - -	Ditto - - -	Robert Weir.
Merry and Cunningham, Dreghorn.	Southhook - - -	Dreghorn - - -	David Jeffrey.
W. S. Cunningham, Kilmarnock.	Windyedge - - -	Kilmarnock - - -	H. S. Dunn.
Merry and Cunningham, Dreghorn.	Woodhill - - -	Ditto - - -	David Jeffery.
<b>CUMNOCK AND MUIRKIRK.</b>			
Lanemark Coal Co., New Cumnock.	Afton - - -	New Cumnock - - -	John Robertson.
Cairntable Gas Coal Co., Muirkirk.	Auldhouseburn - - -	Muirkirk - - -	Robert Crosbie.
William Walker, Auchinleck	Ballochmyle - - -	Auchinleck - - -	John Whitside.
New Bank Coal Co., New Cumnock.	Bank - - -	New Cumnock - - -	Kenneth Mackenzie.
Eglinton Iron Co., Cumnock	Braehead - - -	Cumnock - - -	Wm. Gray.
James, McG., Nicol, Cumnock	Coalburn - - -	Ditto - - -	---
Eglinton Iron Co., Cumnock -	Common - - -	Ditto - - -	Wm. Gray.
Ditto ditto -	Cronberry - - -	Ditto - - -	James Smith.
Ditto ditto -	Dykes - - -	Ditto - - -	Hunter Bowie.
Gilmour, Wood, and Anderson, Auchinleck.	Gilmilnscroft - - -	Auchinleck - - -	Wm. Hastie.
Cairntable Gas Coal Co., Muirkirk.	Glenbuck - - -	Muirkirk - - -	Robt. Crosbie.
Eglinton Iron Co., Cumnock -	Glengyron - - -	Cumnock - - -	Hunter Bowie.
Ditto ditto -	Glenlogan - - -	Ditto - - -	Wm. Gray.
Ditto Muirkirk -	Grasshill - - -	Muirkirk - - -	Wm. McCulloch.
Ditto Cumnock -	Hindsward - - -	Cumnock - - -	Hunter Bowie.
Ditto Cumnock -	Kaimies - - -	Muirkirk - - -	Wm. McCulloch.
Ditto Muirkirk -	Knockterra - - -	Cumnock - - -	Hunter Bowie.
Lanemark Coal Co., New Cumnock.	Lanemark - - -	New Cumnock - - -	John Robertson.
Eglinton Iron Co., Muirkirk -	Lightshaw - - -	Muirkirk - - -	Wm. McCulloch.
Ditto ditto -	Maidenbank - - -	Ditto - - -	Ditto.
Archd. Gray & Co., New Cumnock.	Pathhead - - -	New Cumnock - - -	Jas. Gray.
Eglinton Iron Co., Muirkirk -	Wellwood - - -	Muirkirk - - -	Wm. McCulloch.
<b>WESTERN DIVISION OF STIRLINGSHIRE COLLIERIES.</b>			
Matthew Muirhead, Campsie	Balglass - - -	Lennoxtown.	Wm. Shedden.
John Kirk, Campsie -	Balgrochan - - -	Ditto.	---
Brown and Rennie, Kilsyth -	Balmalloch - - -	Kilsyth - - -	George Barrowman.
Wm. Wilson, Banknock, Denny.	Banknock - - -	Banknock - - -	R. Robertson.
Mrs. Johnstone's trustees, Bannockburn.	Bannockburn - - -	Bannockburn.	---
Carron Iron Co., Falkirk -	Bantone - - -	Kilsyth - - -	D. A. W. Robertson.
Wm. Baird & Co., Kilsyth -	Barrwood - - -	Ditto - - -	Niel Munro.
Hurler and Campsie Alum Co., Campsie.	Campsie - - -	Lennoxtown - - -	Jas. A. King.

LIST of OWNERS, MINES, and MANAGERS under the Coal Mines Regulation Act, for the Year 1884—cont.

Owner or Company and Postal Address.	Name of Mine or Colliery.	Where situated.	Name of Manager.
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WESTERN DIVISION OF STIRLINGSHIRE COLLIERIES—cont.

Jas. Wallace & Co., Kilsyth	Castle Rankine	Denny.	—
Moyes, Murray, & Co., Stirling.	Dunmore	Bannockburn	R. Murray.
E. Plean Coal Co., Bannockburn.	East Plean	Ditto	Thomas Wilson.
Daniel Wilson, Lennoxton	Glorrat	Lennoxton.	—
Wm. Rattray, Bannockburn	Greenyards	Bannockburn	Wm. Rattray.
Wm. Baird & Co., Kilsyth	Haugh	Kilsyth	Neil Munro.
James Wallace & Co., Kilsyth	Neilston	Ditto	John McFarlane.
Wm. Baird & Co., Denny	Quarter	Denny	Wm. Ramsay.
Ditto Kilsyth	Riskend	Kilsyth	Neil Munro.
Townhead Coal Co., Kilsyth	Townhead	Ditto	—

DUMBARTONSHIRE COLLIERIES.

Auchindavie Coal Co., Kirkintilloch.	Auchindavie	Kirkintilloch	Robt. Ritchie.
James Young and Sons, Milngavie.	Baljaffray	Duntocher	J. Young.
W. S. Dixon & Co., Duntcher	Blairdardie	Ditto	Thos. Strachan.
Monkland Iron Co., Airdrie	Cloberhill	Maryhill	W. S. Morton.
W. S. Dixon & Co., Duntcher	Drumchapel	Duntocher	Thos. Strachan.
Merry and Cunningham, Bearsden.	Garscadden	Ditto	David Walker.
Robert Addie and Sons, Coatbridge.	Garscube	Maryhill	Robert Allan.
Wm. Baird & Co., Kilsyth	Gartshore	Kilsyth	James Smith.
Summerlee Iron Co., Coatbridge.	Knightswood	Maryhill	Gavin C. Gordon.
Jas. Gairdner and Sons, Kirkintilloch.	Meiklehill	Kirkintilloch	David Gairdner.
Thomas Miller, Cumbernauld	Netherwood	Cumbernauld.	—
Barr & Co., Kirkintilloch	Solesgirth	Kirkintilloch	William Higgins.
Wm. Baird & Co., Kilsyth	Twechar	Kilsyth	Neil Munro.
J. and A. Wallace, Kirkintilloch.	Wester Gartshore	Kirkintilloch	James Wallace.

RENFREWSHIRE COLLIERIES.

Allan Craig and Sons, Paisley	Blackstoun	Paisley	A. Craig.
W. Black, Paisley	Blackstone	Ditto	Robt. Waddell.
Clippens Shale Co., Johnstone	Clippens	Johnstone.	—
A. Kirkwood, Thornliebank	Darnley	Thornliebank.	—
Barrhead Coal and Lime Co., Barrhead.	Dubs	Barrhead	Robt. Brown.
Walkinshaw Oil Co., Paisley	Fulton	Johnstone	R. Gibb.
Ditto ditto	Inkerman	Paisley	Ditto.
Monkland Iron Co., Airdrie	Jordanhill	Maryhill	W. S. Morton.
Eglinton Iron Co., Hurlford	Nitshill	Hurlet	Alexr. Frew.
J. Wilson, Pollokshaws	Pollok	Pollokshaws	Henry Telfer.
Lud. Houston, Johnstone	Quarrelton	Johnstone	Hugh Black.

ARGYLESHIRE COLLIERY.

J. and T. L. Galloway, Campbeltown.	Argyll	Campbeltown.	T. L. Galloway.
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DUMFRIESHIRE COLLIERIES.

Misses Whygham, Sanquhar	Bankhead	Sanquhar	John Nivison.
Ditto ditto	Cairnburn	Ditto	Ditto.
Duke of Buccleuch, Canonbie	Canonbie	Canonbie	Alexr. Bowie.
Misses Whygham, Sanquhar	Gateside	Sanquhar	John Nivison.

LANARKSHIRE IRONSTONE MINES.

Summerlee Iron Co., Coatbridge.	Blackhill	Bishop Briggs	Gavin C. Gordon.
Carron Iron Co., Carron Ironworks, Falkirk.	Cadder	Ditto	D. A. W. Robertson.
Summerlee Iron Co., Coatbridge.	Gilshochill	Maryhill	Gavin C. Gordon.
Monkland Iron Co., Airdrie	No. 15 Pit, Skaterigg	Ditto	W. S. Morton.

## LIST of OWNERS, MINES, and MANAGERS under the Coal Mines Regulation Act, for the Year 1884—cont.

Owner or Company and Postal Address.	Name of Mine or Colliery.	Where situated.	Name of Manager.
<b>AYRSHIRE IRONSTONE MINES.</b>			
<b>CUMNOCK AND LUGAR.</b>			
Eglinton Iron Co., Lugar, Cumnock.	Blackstone - - -	Cumnock - - -	Hunter Bowie.
Ditto - - -	Common - - -	Ditto - - -	Wm. Gray and H. Bowie.
Ditto - - -	Commondyke - - -	Ditto - - -	Hunter Bowie.
Ditto - - -	Craigstone - - -	Ditto - - -	Ditto.
Ditto - - -	Cronberry - - -	Ditto - - -	Wm. Gray.
Ditto - - -	Dykes - - -	Ditto - - -	Hunter Bowie.
Ditto - - -	Glengyron - - -	Ditto - - -	Ditto.
Ditto - - -	Glenlogan - - -	Ditto - - -	Wm. Gray.
Ditto - - -	Stepends - - -	Ditto - - -	J. Smith.
Ditto - - -	Stonebriggs - - -	Ditto - - -	Ditto.
<b>DALRY AND KILBIRNIE.</b>			
Merry and Cunningham, Glengarnock Ironworks, Dalry.	Birkentuck - - -	Beith - - -	Geo. Anderson.
Eglinton Iron Co., Dalry - Merry and Cunningham, Dalry.	Blair - - - Boghead - - -	Dalry - - - Ditto - - -	Archd. Cunningham. James Seggie.
Ditto - - -	Busbiehead - - -	Kilmarnock - - -	David Jeffrey.
James Dunlop & Co., Tollcross	Busbie - - -	Ditto - - -	David Gilmour.
W. S. Dixon, Glasgow	Caldwell - - -	Beith - - -	Thos. Strachan.
Eglinton Iron Co., Dalry - Merry and Cunningham, Dalry.	Carsehead - - - Fergushill - - -	Dalry - - - Kilmarnock - - -	Archd. Cunningham. David Jeffrey.
Ditto - - -	Glengarnock - - -	Kilbirnie - - -	James Seggie.
Ditto - - -	Highfield - - -	Beith - - -	Geo. Anderson.
Eglinton Iron Co., Dalry - Merry and Cunningham, Dalry.	Kersland - - - Kilbirnie - - -	Dalry - - - Ditto - - -	Archd. Cunningham. James Seggie.
Ditto - - -	Ryesholm - - -	Ditto - - -	Ditto.
Ditto - - -	Southhook - - -	Dreghorn - - -	David Jeffrey.
Ditto - - -	Swindridgemuir - - -	Beith - - -	Geo. Anderson.
Eglinton Iron Co., Dalry	Todhills - - -	Dalry - - -	Archd. Cunningham.
<b>AYR AND DALMELLINGTON.</b>			
Dalmellington Iron Co., Dalmellington.	Bowhill - - -	Dalmellington - - -	David Smith.
Ditto - - -	Burnfoot - - -	Ditto - - -	Ditto.
Ditto - - -	Corby Craigs - - -	Ditto - - -	Alexr. Robertson.
Ditto - - -	Drumgrange - - -	Ditto - - -	Ditto.
Merry and Cunningham, Dalry.	Kerse - - -	Patna - - -	John Morton.
Ditto - - -	Rankinston - - -	Ditto - - -	Ditto.
<b>RENFREWSHIRE IRONSTONE MINES.</b>			
Walkinshaw Oil Co., Paisley	Abercorn - - -	Paisley - - -	Robt. Gibb.
Wm. Black and Sons, Paisley	Blackstone - - -	Ditto - - -	Robt. Waddell.
W. S. Dixon & Co., Glasgow	Burnbrae - - -	Ditto - - -	Thos. Strachan.
Clippens Shale Co., Johnstone	Clippens - - -	Johnstone. - - -	
Walkinshaw Oil Co., Paisley - Monkland Iron Co., Airdrie - James Dunlop & Co., Tollcross	Walkinshaw Oil Co., Paisley - Monkland Iron Co., Airdrie - Jordanhill - - - Linnwood - - -	Paisley - - - Maryhill - - - Johnstone - - -	Robt. Gibb. W. S. Morton. Jas. McGill.
Eglinton Iron Co., Hurlford - Monkland Iron Co., Airdrie - Walkinshaw Oil Co., Paisley	Eglinton Iron Co., Hurlford - Monkland Iron Co., Airdrie - Scaterigg - - - Walkinshaw - - -	Hurlet - - - Maryhill - - - Paisley - - -	Alexr. Frew. W. S. Morton. Robt. Gibb.
<b>DUMBARTONSHIRE IRONSTONE MINES.</b>			
Monkland Iron Co., Airdrie - W. S. Dixon, Glasgow - Merry and Cunningham, Bearsden.	Cloberhill - - - Drumchapel - - - Garscadden - - -	Maryhill - - - Duntocher - - - Ditto - - -	W. S. Morton. Thos. Strachan. David Walker.
Robert Addie and Sons, Coatbridge.	Garscube - - -	Maryhill - - -	Robt. Allan.
Monkland Iron Co., Airdrie - Merry and Cunningham, Bearsden.	Ditto - - - Gartconnel - - -	Ditto - - - Duntocher - - -	W. S. Morton. David Walker.
Wm. Baird & Co., Kilsyth - Summerlee Iron Co., Coatbridge.	Gartshore - - - Knightswood - - -	Kilsyth - - - Maryhill - - -	James Smith. Gavin C. Gordon.
Wm. Baird & Co., Kilsyth	Twechar - - -	Kilsyth - - -	Neil Munro.

## LIST of OWNERS, MINES, and MANAGERS under the Coal Mines Regulation Act, for the Year 1884—cont.

Owner or Company and Postal Address.	Name of Mine or Colliery.	Where situated.	Name of Manager.
<b>STIRLINGSHIRE IRONSTONE MINES.</b>			
Carron Iron Co., Falkirk	Bantone	Kilsyth	D. A. W. Robertson.
Wm. Baird & Co., Kilsyth	Barrwood	Ditto	Neil Munro.
Robt. Addie and Sons, Coat-bridge.	Blaefaulds	Denny	Wm. Allan.
Wm. Baird & Co., Kilsyth	Haugh	Kilsyth	Neil Munro.
Ditto	Quarter	Denny	Wm. Ramsay.
Ditto	Riskend	Kilsyth	Neil Munro.
Robt. Addie and Sons, Coat-bridge.	Woodyetts	Denny	Wm. Allan.
<b>LANARKSHIRE FIRECLAY MINES.</b>			
Alexr. Patrick, Glasgow	Blochairn	Glasgow	Wm. Forsyth.
John Young, Chryston	Cardowan	Chryston	Robt. Young.
Garnkirk Co., Chryston, Glasgow.	Garnkirk	Ditto	Jas. Gillespie.
J. Binnie, Gartcosh, Glasgow	Gartcosh	Ditto.	—
Gartcraig Coal Co., Shettleston	Gartcraig	Shettleston	Wm. Bain.
J. Meikle & Co., Gartveerie, Coatbridge.	Gartveerie	Coatbridge.	—
John Young, Chryston	Heathfield	Chryston	Robt. Young.
<b>AYRSHIRE FIRECLAY MINES.</b>			
Finnie and Finlay, Dreghorn	Bourtreeshill	Dreghorn	Adam Hunter.
Eglinton Iron Co., Cumnock.	Braehead	Lugar	Wm. Gray.
Hon. T. F. Kennedy, Maybole	Dalquharran	Maybole	David Fulton.
John Barr, Androssan	Doura	Irvine	Thomas Rigg.
Dalmellington Iron Co., Dalmellington.	Dunasken	Dalmellington	David Smith.
A. Kenneth and Sons, Kilwinning.	Eglinton	Kilwinning	Jas. Kenneth.
J. and M. Craig, Kilmarnock	Hillhead	Kilmarnock	Hugh Findlay.
John Howie, Kilmarnock	Hurlford	Hurlford	John Howie.
J. and M. Craig, Kilmarnock	Perceton	Irvine.	H. Finlay.
J. McKnight, Kilmarnock	Plann	Kilmarnock	Alexr. Goldie.
<b>DUMBARTONSHIRE FIRECLAY MINES.</b>			
Castlecary Fireclay Co., Castlecary.	Castlecary	Cumbernauld	R. Condie.
Glenboig Union Co., Cumbernauld.	Cumbernauld	Ditto	Wm. Reid.
B. Miller, Cumbernauld	Glenvault	Ditto.	—
<b>RENFREWSHIRE FIRECLAY MINES.</b>			
R. Brown and Sons, Ferguslie, Paisley.	Ferguslie	Paisley	Henry Keddie.
Spiers and Gibb, Caledonia Works, Paisley.	Paisley	Ditto.	—
<b>DUMFRIESHIRE FIRECLAY MINE.</b>			
George Clennell, Sanquhar	Sanquhar	Sanquhar.	—
<b>AYRSHIRE SHALE MINE.</b>			
Annick Lodge Oil Co., Irvine	Annick Lodge	Irvine	Robt. Watt.
<b>RENFREWSHIRE SHALE MINES.</b>			
Walkinshaw Oil Co., Paisley	Abercorn	Paisley	Robt. Gibb.
Allan Craig and Sons, Paisley	Blackstoun	Johnstone	A. Craig.
Wm. Black and Sons, Paisley	Blackstone	Paisley	Robt. Waddell.
Walkinshaw Oil Co., Paisley	Douglas	Ditto	Robt. Gibb.
Ditto	Fulton	Johnstone	Ditto.
Ditto	Walkinshaw	Paisley	Ditto.

## LIST of OWNERS and MINES in WEST SCOTLAND DISTRICT under the Metalliferous Mines Act, 1884.

Owner or Company and Postal Address.	Name of Mine.	Where situated.
<b>LEAD.</b>		
Islay Mining Co., Islay - - -	Islay - - -	Islay.
Duke of Buccleuch, Wanlockhead - - -	Wanlockhead - - -	Wanlockhead.
<b>LIMESTONE.</b>		
Matthew Muirhead, Lennoxtown - - -	Balglass - - -	Lennoxtown.
John Kirk, Lennoxtown - - -	Balgrochan - - -	Ditto.
James Young and Sons, Duntocher - - -	Baljaffray - - -	Duntocher.
Wm. F. H. Arundell, Auldgirth - - -	Barjarg - - -	Closeburn.
James McG. Nicol, Cumnock - - -	Benston - - -	Cumnock.
Hurlet and Campsie Alum Co., Lennoxtown - - -	Campsie - - -	Lennoxtown.
Eglinton Iron Co., Kilwinning - - -	Clonbeith - - -	Kilwinning.
Trustees of the late Douglas Baird Thornhill - - -	Closeburn - - -	Closeburn.
Merry and Cunningham, Bearsden - - -	Garscadden - - -	Duntocher.
Daniel Wilson, Lennoxtown - - -	Glorrat - - -	Lennoxtown.
A. Kenneth and Sons, Kilwinning - - -	Goldcraig - - -	Kilwinning.
E. Plean Coal Co., Bannockburn - - -	Murrayhall - - -	Stirling.
Lud Houston, Johnstone - - -	Quarrelton - - -	Johnstone.
<b>GANNISTER.</b>		
Robt. R. Horne, Tolleross - - -	Shankraemuir - - -	Chryston.
<b>BUILDING STONE.</b>		
Alexr. Patrick, Glasgow - - -	Blochairn - - -	Glasgow.
Wm. Stevenson, Cathcart - - -	Orchard - - -	Cathcart.

## LIST of OWNERS and OPENWORKS in WEST of SCOTLAND DISTRICT, 1884.

Owner or Company and Postal Address.	Mineral Worked.	Name of Works.	Where situated.
Dr. Campbell, Ballachulish -	Slate - - -	Ballachulish Slate Quarries.	Argyle.
John and Hugh Shaw & Co., Bellnahua by Easdale.	Slate - - -	Bellnahua - - -	Argyle.
Donald Dickson & Co., Easdale by Oban.	Slate - - -	Clachan - - -	Ardshelloch.
Cullipoole Slate Co., Cullipoole, near Easdale.	Slate - - -	Cullipoole - - -	Island of Luing.
Archibald Wilson, Luss -	Slate - - -	Luss Slate Quarries - - -	Dumbarton.

**(4.) Midland District.**

MR. THOMAS EVANS.

## LIST of OWNERS, MINES, and MANAGERS, under the Coal Mines Regulation Act, in the MIDLAND DISTRICT, for the year 1884.

Owner or Company and Postal Address.	Name of Coal worked.	Name of Mine or Colliery.	Where situated.	Agent or Manager.
<b>DERBYSHIRE.</b>				
Arkwright, William, Chesterfield.	Top Hard	Sutton - - -	Sutton - - -	W. A. Byron, Agent.
Aspenshaw Coal Co., Hayfield, Stockport.	Mountain	Aspenshaw Tunnel -	Hayfield - - -	David Etchells.
Alton Coal and Coke Co., Chesterfield.	Sinking -	Sinking - - -	Ashover - - -	Standing.
Ashmore and Soar, Newbold, Chesterfield.	Tupton -	Holme Close, Newbold.	Chesterfield -	W. Soar.
Badger, W. T., Brampton, Chesterfield.	Silkstone	Wash House - - -	Brampton - - -	E. Houfton, Agent.
Barber, Miles, Barlboro	High Hazle	Barlboro - - -	Barlboro - - -	W. Badger.
				Standing.

LIST of OWNERS, MINES, and MANAGERS, under the Coal Mines Regulation Act, in the MIDLAND DISTRICT, 1884—cont.

Owner or Company and Postal Address.	Name of Coal worked.	Name of Mine or Colliery.	Where situated.	Agent or Manager.
DERBYSHIRE—cont.				
Barnes, Messrs., Grassmoor, Chesterfield	Dunston	No. 2, Grassmoor	Chesterfield	Edward Bromley, Agent. Benjamin Bamford, Manager.
	Ell	No. 3		
	Silkstone	No. 4		
Bennett, Thomas, New Mills, Stockport	Furnace	No. 1	New Mills	David Ashworth.
	Mountain	Birch Vale		
	Ditto	Bugsworth		
Benton and Woodiwiss, Shirland, Alfreton	Ditto	Thornsett Hey	Alfreton	Jeremiah Rhodes.
	Tupton	Shirland, No. 2		
Birkinshaw, J. H., Clay Cross.	Silkstone	Shirland, No. 1	Clay Cross.	J. H. Birkinshaw.
Black, C., & Co. (In Chancery).	Ditto	Clay Pit		
Blackwell Colliery Co., Ltd., Alfreton	Silkstone	Renishaw	Chesterfield	Standing.
	Deep Hard	No. 1, A. Winning	Alfreton	J. Alfred Longden, and Agent.
	Tupton	No. 2, "		
Deep Hard	No. 3, B. Winning			
Bonsall James	Tupton	No. 4, "	Ilkeston	J. W. Fearn.
	Deep Soft	Rutland, No. 4		
Bourne and Son	Fire Clay	Ryefield	Denby	Robert Dale, Agent.
Bridgen, W. and H.	Deep Hard	Brockwell	Chesterfield	W. F. Howard, M.E., Agent.
Butterley Iron and Coal Co., Alfreton	Silkstone	Old Birchwood	Alfreton	F. C. Corfield, Agent.
	Deep, Hard, and Soft.	Butterley Park, No. 5	"	
	Ell Coal, Brown, and Black Rake Ironstone.	Forty Horse	Ripley	
	Deep, Hard, and Soft.	Britain	Butterley	
	Deep Soft Coal	Brands	"	
	Deep, Hard, and Soft.	Ripley, Nos. 1 and 2	Ripley	
	Ditto	Hartshay	"	
	Deep Soft	Calley	"	
	Kilburn	Denby Hall	Ripley	
	Deep, Hard, and Soft.	Marehay	"	
	Ditto	Waingroves	Ripley	
	Furnace	Railway	"	
	Ell and Ironstone	Brickyard	"	
	Deep, Hard, and Soft.	Bailey Brook	Langley Mill	
	Ditto	Loscoe	"	
Ditto	New Granby	Ilkeston		
Ditto	Langley	Langley Mill		
Buxton Lime Co., Buxton	Mountain	Goyte	Buxton	H. A. Hubbetsey, Agent. William Day.
	Ditto	Thatchmarsh		
	Ditto, or Kilm Coal.	Whaley		
	Smithy or 16-inch Mine.	Waterloo, Whaley		
Chambers, Edward, & Co. (Diminsdale Colliery Co.)	Top Hard	Diminsdale (Old)	Tibshelf	C. R. Morgan and Agent.
	Dunsil	Diminsdale (New)		
	Top Hard	Pasture Lane		
	Tupton	Boythorpe Lane		
Chesterfield and Boythorpe Colliery Co.	Silkstone	Silkstone	Chesterfield	W. B. Hodgson.
	Mountain	Chisworth	Glossop	Abel Clayton.
Clay Cross Iron and Coal Co.	Silkstone	Clay Cross No. 1	Clay Cross	T. D. Croudace. J. P. Jackson, Managing Partner.
	Ditto	" " No. 2		
	Tupton	" " No. 3		
	Deep Hard	Moreton No. 6		
	Silkstone	" " No. 5		
	Ditto	Park House, No. 7		
	Ditto	North Wingfield, No. 4.		
Ditto	Avenue No. 9			
Coke & Co., Alfreton	Tupton	Danesmoor, No. 8		
	Deep, Hard, and Soft.	Sleights, Nos. 1 and 6	Pinxton	Walter Salmond, Managing Partner. Samuel Alsop.
	Silkstone	Pinxton, No. 2		
Tupton	" No. 3			
Coton Park and Lenton Colliery Co.	Moira Main	Coton and Lenton	Lenton, Burton	T. A. Wilson.
	Stockings Coal	" "		
	Woodfield Coal	" "		

LIST of OWNERS, MINES, and MANAGERS, under the Coal Mines Regulation Act, in the MIDLAND DISTRICT, 1884—*cont.*

Owner or Company and Postal Address.	Name of Coal worked.	Name of Mine or Colliery.	Where situated.	Agent or Manager.
<i>DERBYSHIRE—cont.</i>				
Countess of Chesterfield, Burton-on-Trent	Eureka	Bretby, No. 1	Burton-on-Trent	{ William Belfitt. William Johnson, Agent.
	Woodfield	" No. 2		
	Stanhope	" No. 2		
Crooks, John	Ashgate	Fir Vale Cutthorpe	Chesterfield	Herbert Crooks.
		Salterwood	Denby	Thomas Wood.
Dawes, G. and W. H., Denby, Derby.	Tupton			
Derbyshire Silkstone Coal Co., Chesterfield.	Silkstone	Albert	Sheepbridge	Reuben Allen.
Dronfield Silkstone Coal Co., Dronfield (J. Sheard).	Silkstone	Dronfield Silkstone	Dronfield	E. Houfton.
Evans, Wigfield, & Co., Staveley.	Yard Coal	St. John's	Staveley	Matthew Johnson.
Fletcher, Henry, Heanor Lane, Langley Mill.	Top Hard and Comb.	Heanor Lane	Langley Mill	Henry Fletcher.
French, Stephen	Silkstone	Hill Top	Unstone	Stephen French.
Galloway, Messrs., Man- chester.	Top Hard	Owl Coates	Chesterfield	Charles Beavers.
Gillett, Brothers	Comb	Heanor Common Side	Heanor	Isaac Gillett.
Glendon Iron Co., Ilke- ston.	Deep, Hard, and Soft.	Mapperley	Ilkeston	{ W. W. Evans. George Lewis, M.E., Agent.
Gosling & Co.	Top Hard	Hollingwood	Eckington	Fredk. Gosling.
Gregory and Sharratt, Chesterfield.	Tupton	Reservoir	Chesterfield	{ John Sharratt. W. F. Howard, Agent.
Granville Colliery Co., Burton-on-Trent.	Main and Little	Granville	Swadlincote	George S. Bragge.
Hall, John, Killamarsh	Dunsil	Boiley Lane	Killamarsh	John Hall.
Hall, L. and E., New Mills, Stockport	Mountain Mine	Beard & Bugsworth	New Mills	Levi Joseph Hall.
	Ditto	Burn'd Edge, No. 1		
	Ditto	Burn'd Edge, No. 2		
Haibcock, Charles	Tupton	Shale Cross	Chesterfield	William Harrison.
Haslam, W. C., Ripley	Deep, Hard, and Soft.	Pentrich, No. 1	Ripley	George Bowler.
		" No. 2		
Hardwick Coal Co., Chesterfield	Furnace			
	Silkstone			
Hastings, Charles F. Abney, Lord Don- nington	Tupton	Holmewood	Chesterfield	John Ward and Agent.
	Ell			
Hartington	Moirs Main	Church Gresley	Burton-on-Trent	{ F. C. Gillett, Agent. Thomas Bourne.
	Little Coal			
Hall and Boardman, Burton-on-Trent	Main	Cadley Hill, No. 1	"	Alfred Eley.
	Woodfield	" No. 2		
	Eureka	" No. 3		
Heanor and Marlpool Colliery Co.	Woodfield New Mine and Eureka	Swadlincote, Nos. 1, 2, and 3	Heanor	Standing.
	Comb	Marlpool		
Hewitt, John, Linby,	Norton	Bull Close	Unstone	W. Hewitt.
Unstone	Silkstone			
Holdsworth, Thomas,	Tupton	Alma No. 1	Clay Cross	W. B. Hague.
Clay Cross	Silkstone	" No. 3		
Holdsworth, & Co., (Pilsley Colliery Co.), Chesterfield	Tupton	Pilsley, No. 3	Chesterfield	{ Thomas Hold- sworth, Agent. Samuel Godber.
	Deep Hard	" No. 1		
Hucknall Huthwaite Co., Mansfield.	Silkstone	" No. 2	Mansfield	Standing.
	Standing	Hucknall Huthwaite		
Hundall Colliery Co.	Silkstone	Hundall	Chesterfield	R. H. Redhead.
Ilkeston Colliery Co.	Furnace	Oakwell	Ilkeston	{ David Spence. John Wilmot Fearn, Agent.
	Kilburne			
Jeffcock and Dunn, Sheffield (Sheffield Coal Co.)	Silkstone	Birley South	Sheffield	{ Thos. Wm. Jeffcock, Agent. Hargreave Walters.
	Ditto	" West		
	Ditto	Moor Hole		
Lancaster, William	Fire-clay	Wheeldon Mill	Chesterfield	Standing.
Lowe, Samuel Brampton	Deep Hard	Boythorpe Lane	Chesterfield	W. F. Howard, M.E., Agent.
Lowe, W. D., Denby, Executors of.	Kilburne	Denby	Denby	Mark Fryar.
Lenthall, William Dron- field.	Silkstone	Hill Top	Dronfield	Wm. Edees.

LIST of OWNERS, MINES, and MANAGERS, under the Coal Mines Regulation Act, in the MIDLAND DISTRICT, 1884—cont.

Owner or Company and Postal Address.	Name of Coal worked.	Name of Mine or Colliery.	Where situated.	Agent or Manager.
DERBYSHIRE—cont.				
Ludworth Brick Co.	Mountain Fire-clay.	Millbrow	Ludworth	Standing.
Marehay Colliery Co. (Fords)	Tupton	Marehay, No. 2	Ripley	Charles Lawton.
Manners Colliery Co., Ilkeston.	Deep Hard	„ No. 1	Ilkeston	Maurice Deacon.
Minnikin & Co.	Kilburne	Manners	Ilkeston	Maurice Deacon.
Monkwood Colliery Co.	Clown Coal	Bathurst Main	Bolsover	William Minnikin.
	Silkstone	Monkwood (Old)	Chesterfield	William Holt.
Moorwood, C. R. P., Alfreton	Ditto	Barlow Lees	Chesterfield	William Holt.
	Deep Soft	Swanwick (Deep)	Alfreton	Edwin Eardley.
	Top Hard and Waterloo.	„ (Old)	Alfreton	Edwin Eardley.
Mundy, Alfred M.	Deep, Hard, and Soft.	Woodside	Alfreton	Edwin Eardley.
	Deep Soft	Nutbrook	Shipley	F. C. Gillett, M.E., Agent.
	Deep Hard	Coppice	Shipley	Robert H. Robinson.
Nadin, Messrs. J. and N., Burton-on-Trent	Woodfield	Woodfield	Shipley	Robert H. Robinson.
	Main	Main	Swadlincote	George Lewis, Agent.
	Stanhope	Stanhope	Swadlincote	Francis Richard Eames.
	Eureka	Eureka	Swadlincote	Francis Richard Eames.
Nichols, William, Chesterfield.	Piper Coal	Riber	Brampton	William Nichols.
Oakes, J., & Co., Alfreton	Deep, Hard, and Soft.	Coates Park	Alfreton	G. W. Laverick and Agent.
	Ditto	Stonyford	Alfreton	G. W. Laverick and Agent.
	Kilburne	Old Deep's	Alfreton	G. W. Laverick and Agent.
Orwin, George, Newbold, Chesterfield	Tupton	Wallsend	Chesterfield	George Orwin.
Pearson, Theophilus, Chesterfield.	Three Quarters	Highfield	Ditto	Johnson Pearson.
Pearson, George, & Co., Alfreton.	Deep Hard	Highfield	Ditto	Johnson Pearson.
	Silkstone	Oakerthorpe	Wingfield	Standing.
Phillips, E. H.	Mickley	Mickley	Dronfield	E. H. Phillips.
Plevins, C. H., & Co., Newbold, Chesterfield	Silkstone	Woodhouse	Dronfield	E. H. Phillips.
	Ditto	Blackshale	Newbold	Standing.
	Deep Hard	Poters	Newbold	Standing.
Plumbley Colliery Co., Eckington.	Silkstone	Plumbley	Eckington	Charles Herbert Cobbold.
Rangeley, Henry Unstone, Sheffield.	Ditto	Drift	Unstone	J. W. Fearn, Agent.
Renishaw Coal and Iron Co., Chesterfield	Top Hard	Cottam (Old)	Eckington	W. E. Rangeley.
Rhodes, Brothers	Ditto	„ (New)	Eckington	Thomas Wilkinson.
	Silkstone	Coal Aston	Dronfield	Samuel Jackson.
Saunders, C. J., Chesterfield.	Tupton	Brockwell	Chesterfield	C. J. Saunders.
Sheard, John, Dronfield	Silkstone	Gomersall	Dronfield	E. Houfton.
	Deep Hard	Tibshelf, No. 2	Dronfield	E. Houfton.
Seely, Charles, & Co., Alfreton	Tupton	Ditto No. 1	Alfreton	S. C. Wardell, M.E., and Agent.
	Silkstone	Ditto No. 2	Alfreton	S. C. Wardell, M.E., and Agent.
	Ditto	Shady	Alfreton	G. W. Chamberlain.
	Tupton	Birchwood	Alfreton	G. W. Chamberlain.
	Top Hard	Glappwell	Chesterfield	J. B. Smith.
	Ditto	Norwood	Eckington	John William Tankard.
Sheepbridge Coal & Iron Co., Chesterfield	Deep Hard	Sheepbridge	Sheepbridge	Thomas Fisher.
	Silkstone	Dunston	Sheepbridge	Thomas Fisher.
	Ditto	Nesfield	Sheepbridge	Thomas Fisher.
	Top Hard	Langwith	Langwith	Charles Beevers, J. B. Smith, Agent.
Shirtcliffe, John	Hazle	Killamarsh	Eckington	John Shirtcliffe.
Shorthose, Joseph	Waterloo	Peacock	Ilkeston	J. W. Fearn.
South Normanton Colliery Co., Alfreton.	Top Hard	Winks Bank	South Normanton	J. Kenneth Guthrie.
Small, G. and T., Kilburne, Derby.	Kilburne	Kilburne	Kilburne	George Small and Agent.
Stanley Kilburne Colliery Co.	Ditto	Stanley	Derby	Samuel Wheatley.
Slater, W. H. and J., Denby.	Fire-clay	Denby	Denby	William Slater.
Stanton Iron Co.	Kilburne	Dale, No. 2	Stanton Gate	Walter Fowler, Manager.
	Top Hard	Pleasley	Mansfield	William Hopkins, Agent.
	Top Hard	Pleasley	Mansfield	William Hey, Agent.
Swadlincote Colliery Co. Shore, Isaac	Stanhope	Old Swadlincote	Burton	Edmund Dooley.
	Belper Laund	Gun Lane Heage	Belper	Isaac Shore.

LIST OF OWNERS, MINES, and MANAGERS, under the Coal Mines Regulation Act, in the MIDLAND DISTRICT, 1884—cont.

Owner or Company and Postal Address.	Name of Coal worked.	Name of Mine or Colliery.	Where situated.	Agent or Manager.
<b>DERBYSHIRE—cont.</b>				
Staveley Coal and Iron Co., Chesterfield	Silkstone	Campbell	Staveley	Joseph Humble, Agent and Manager.
	Deep Soft	Hollingwood (Old)		
	Silkstone and Cannel.	Hartington		
	Top Hard	Seymour		
	Silkstone	Springwell		
	Top Hard	Barlborough		
Stretton Colliery Co.	Top Hard	Ireland	Clay Cross	E. Lloyd Owen.
	Top Hard	Markham		
Shireoaks Colliery Co.	Tupton	Stretton	Staveley	John Jones.
Swift and Allen	Top Hard	Southgate	Dronfield	C. Swift.
Sykes, Isaac	Silkstone	Snowdon Lane	Sheffield	Standing.
Temple Normanton Colliery Co.	Fire-clay	Dore Moor	Chesterfield	John Eaton.
Tyler and Woodward	Top Hard	Temple Normanton		
Totley Firebrick Co.	Tupton	Gents Hill	Clay Cross	Standing.
	Gannister Fire-clay	Totley Moor	Sheffield	E. H. Phillips.
Unstone Coal and Coke Co., Ld.	Silkstone	Unstone	Unstone	Thomas Fenwick, Agent.
		Apperknowle		
Vardy, Andrew, High Lane, Eckington.	Ditto	High Lane	Eckington	George Hewitt.
Wells, W. E. and G. H., Eckington.	Deep Hard	Moor Hole	Eckington	W. E. Wells.
Wells, J. and G.; Ld., Eckington, Chesterfield	Silkstone	Silkstone, Nos. 1 and 2	Eckington	W. Edwin Wells.
	Ditto	2		
	Deep Hard	Park Gate, Nos. 3 and 4		
	Ditto	and 4		
West, H. H., Heanor	Silkstone	Hornthorpe	Eckington	George Mosby.
	Ditto	Holbrook, No. 1	Killamarsh	
Whitehouse and Son, West Hallam, Ilkeston	Parkgate	" No. 3	Langley Mill	J. W. Fearn.
	Comb Coal	New Heanor		
Wingerworth Coal Co., Chesterfield	Deep Hard and Soft.	West Hallam, No. 4	Ilkeston	John Shawcroft.
	Deep Soft	" No. 2		
Woodward, James Swadlincote, Burton-on-Trent	Ditto	" No. 1	Chesterfield	John Ward and Agent.
	Top Hard	Avenue		
Worrall, John, Mosbro'	Top Hard	Peawit	Swadlincote	Robert Fearn.
	Ditto	Lings		
Wilbraham, William	Fire-clay	Clay Pits, Nos. 1 and 2		
Wragg & Son, Hillside, Swadlincote.	Hard Coal	Streetfield	Eckington	Charles Nuttall.
	Gannister Coal	Dore	Sheffield	
	Fire-clay	Hillside	Swadlincote.	Standing.
<b>NOTTINGHAMSHIRE.</b>				
Annesley Coal Co.	Top Hard	Annesley, Nos. 1 and 2	Nottingham	Henry Lewis and Agent.
Awsorth Iron and Coal Co.	Kilburne	Kilburne	Eastwood	Samuel Whitehead and Agent.
	Silkstone	Silkstone		
Barber, Walker, & Co., Eastwood	Deep Hard and Soft.	Brinsley	Eastwood	William Weston, Robert Harrison, Agent.
	Top Hard	High Park		
	Deep Hard and Soft.	Moor Green		
	Deep Soft	Underwood		
Beardsley, John, Langley Mill.	Top Hard	Watnall (New)	Langley Mill	John Beardsley.
	Ditto	Clinton		
Bestwood Coal Co., Nottingham.	Ditto	Bestwood, Nos. 1 and 2	Bestwood	William Read.
Butterley Iron and Coal Co.	Top Hard	Portland, No. 1	Kirkby	William Crosley - F. C. Corfield, Agent.
	Ditto	" Nos. 2 and 4		
	Ditto	Mexbro' (South)	Selston	
	Ditto	" (Bottom)	Eastwood	
Clifton Colliery Co., Ltd.	Deep Hard and Soft.	Plumtree	Nottingham	William Sutton, Henry Fisher and Agent.
	Deep Hard	Clifton, No. 1		
Coke & Co.	Deep Soft	" No. 2	Pinxton	Samuel Alsop.
	Top Hard	Langton		
Cossall Colliery Co.	Deep Hard		Ilkeston	William Holding.
	Kilburne	Cossall		

LIST OF OWNERS, MINES, and MANAGERS under the Coal Mines Regulation Act, in the MIDLAND DISTRICT, 1884—cont.

Owner or Company and Postal Address.	Name of Coal worked.	Name of Mine or Colliery.	Where situated.	Agent or Manager.
NOTTINGHAMSHIRE—cont.				
Digby Coal Co., Eastwood -	Deep Hard and Soft.	Speedwell -	Eastwood -	{ Godfrey Baker, T. Potter, Agent.
	Ditto -	Digby -		
	Ditto -	New London -		
Dunn, D. G., & Co. -	Kilburne -	Trowell Moor -	Stanton Gate -	Moses Severn.
Hucknall Colliery Co., Nottingham -	Top Hard	Hucknall, No. 1 -	Hucknall Torkard -	{ Thomas Young Greener, Francis N. Ellis, [Agent].
	Ditto -	" No. 2 -		
Hall, William -	Tupton -	Lodge -	Eastwood -	William Hall.
	" Three Quarters.	" -	" -	
Linby Coal Co., Nottingham -	Top Hard	Linby -	Linby -	Henry Lewis and Agent.
Newstead Colliery Co. -	Top Hard	Newstead -	Newstead -	Robert Stevenson and Agent.
New Hucknall Colliery Co. -	Top Hard	New Hucknall -	Mansfield -	Simeon Watson.
Oakes, J., & Co., Alfreton -	Deep Hard and Soft.	Pollington -	Pye Bridge -	George Wales Laverick and Agent.
	Deep Soft	Tunnel -		
	Silkstone	New Silkstone -		
	Low Main	Selston -		
Seely, Charles, & Co., Nottingham -	Top Hard	Bulwell -	Basford -	George Fowler and Agent.
	Ditto -	Cinder Hill, Nos. 1 and 4.		
	Deep Soft	Newcastle -		
	Ditto -	Babbington -		
		Kimberley -		
Skegby Coal and Lime Co. -	Top Hard and Dunsil.	Brierley Hill -	Mansfield -	{ Joseph Harvey, W. Sankey, Vieweer.
Stanton Iron and Coal Co. -	Top Hard	Toversall -	Ditto -	{ William Clark, Agent, William Hey.
	Silkstone	Silver Hill -		
Shireoaks Colliery Co. -	Top Hard	Shireoaks, Nos. 1 and 2.	Shireoaks -	{ C. Tylden Wright, Agent, John Jones.
	Ditto -	Steetly Wood -		
Wollaton Colliery Co., Nottingham -	Deep Hard	Wollaton -	Nottingham -	George Lewis.
	" Soft			
WARWICKSHIRE.				
Amington Colliery Co., Tamworth -	Seven-feet and Ryder Coal and Ironstone.	Amington, No. 1 -	Tamworth -	F. A. Grayston and Agent.
		" No. 2 -		
Ansley Hall Colliery Co., Atherstone.	Seven-feet Coal - Ryder Coal	Glascote -	Atherstone -	W. J. Phillips.
Bedworth Coal and Iron Co., Bedworth.	Two-yard, Ryder, and Slate.	Woodlands -	Bedworth -	{ John Downing, George Barker, Agent.
Dugdale, W., Atherstone	Rider -	Baddesley -	Atherstone -	{ George Morgan, Reuben Smallman, Agent.
Gibbs and Canning, Wilnecote, Tamworth.	Fire-clay	Wilnecote -	Tamworth -	Charles Whitfield.
Griff Colliery Co. -	Slate Coal	Charles Pitt -	Nuneaton -	E. F. Melly.
	Two-yard	No. 5 -		
	Slate Coal	" 4 -		
Hanbury, W. H. -	Seven-feet	" 7 -	Tamworth -	Walter Baxter.
	Double	Kettlebrook -		
Hawkesbury Colliery Co., Coventry -	Two-yard	Fly -	Coventry -	Joseph Cunliffe and Agent.
	Ell, Ryder, Slate, Coals, and Two Yard, Blue and White Ironstone.	Hawkesbury -		
		Speedwell -		
		New Winnings -		
Harris, J. and W. S., Coventry.	Slate	Craven -	Ditto -	Henry Sanders.
Haunch Wood Brick and Tile Co.	Fire-clay -	Haunch Wood -	Nuneaton -	James Knox.
Hockley Hall Colliery Co., Tamworth -	Rider -	Whateley, Nos. 5, 6 -	Tamworth -	John Williams.
	Seven-feet	Seven-foot No. 3 -		
Hickman, Alfred Morris and Shaw, Tamworth -	White Ironstone -	Ironstone No. 4 -	Nuneaton -	William Nowell.
	Slate	Haunch Wood -		
Pearson, Joseph H. -	Seven-feet	Hall End No. 1 -	Tamworth -	{ F. S. Marsh, A. Morris, Agent.
	Ryder	" " No. 2 -		
Pooley Hall Colliery Co. -	Ironstone	Dost Hill -	Tamworth -	Charles Fenn.
	Seven-feet			
	Rider or Four Feet		Ditto -	Mylles Hardwick.
	Seven-feet	Pooley Hall -		

## LIST of OWNERS, MINES, and MANAGERS under the Coal Mines Regulation Act, in the MIDLAND DISTRICT, 1884—cont.

Owner or Company and Postal Address.	Name of Coal worked.	Name of Mine or Colliery.	Where situated.	Agent or Manager.
WARWICKSHIRE—cont.				
Ritson, W. A.; Alvecote, Tamworth. (In liquidation.)	Seven-feet	Alvecote	Tamworth.	—
Skey & Co., Wilnecote, Tamworth	Ironstone	Tame Valley	Ditto	{ Simeon Fenn. R. Smallman, Vieweer.
	Smithy or 4-feet	Ditto		
	Seven-feet	Ditto		
	Bench and Bottom Fire-clay.	Peel, No. 3		
Smallman & Co., Nuneaton	Fire-clay	New Pit, No. 7	Stockingford	{ Humphrey Randle. R. Smallman, Agent.
	Seven-feet	Harts Hill		
	Rider Coal			
Stanley Brothers, Nuneaton.	Ironstone	Nuneaton	Nuneaton	William Standley.
	Seven-feet			
Wilson, E., Bedworth	Slate	Exhall, No. 1	Bedworth	{ E. Wilson, Owner and Agent. John Harrison.
	Two-yard Slate Coal and Ryder	„ No. 2		
Wyken Coal Co., Coventry	Slate, Ell Ryder, and Two-yard.	Walsgrove	Wyken	Thos. S. Whittem and Agent.
	Slate Coal.	Alexandra		
LEICESTERSHIRE.				
Appleby Magna Colliery Co., Snareston.	Sinking	Snareston	Snareston	Suspended.
Bagworth Coal Co., Bagworth.	Lower Main	Bagworth, Nos. 1 and 2.	Bagworth	H. A. Knighton.
Boothorpe Pipe Co.	Pot Clay	Boothorpe	Woodville, Burton	John Ward.
Checkland, Son, and Williams, Donisthorpe	Four Foot	Donisthorpe, No. 1	Moir	Henry Taylor.
	Moir Main	„ No. 2		
Checkland and Son	Upper Main	Coleorton	Ashby	Henry Taylor.
Desford Colliery Co., Desford.	Roaster	Lindridge	Desford	Standing.
Ellis, Joseph Joel	Sinking	Ellistown	Bagworth	{ W. Spencer, Agent. George Hall.
	Lower Main			
Ensor, Edward	Fire-clay	Pool Clay Pits	Woodville	W. S. Gresley.
Heather Colliery Co.	Main Coal	Heather, No. 4	Ibstock	George Spencer.
	Moir Main	Reservoir	Moir	German Buxton
Hastings, Charles Frederick Abney, Moira (Lord Donington)	Ditto	Oakthorpe	Ashby	Thomas Bradshaw.
	Ditto	Marquis	Moir	
	Ditto	Rawdon	Ditto	
	Nether Coal and Clay.	Blackfordby	Woodville	
Holmes and Hulme	Fire-clay	Blackfordby	Ditto	James Holmes.
Hall, W. Fitz	Upper Main	Nailstone	Bagworth	William Bridgett.
	Lower Main			
Ibstock Coal Co., Coalville	Lower Main	Ibstock, No. 1	Ibstock	{ Dr. Thomson, Agent. W. P. Sheppard.
	Upper Ditto	„ No. 2		
Knowles & Co., Woodville	Fire-clay	Mount Pleasant, Nos. 1, 2	Woodville	William Pickering.
	Ditto	Newfield, Nos. 1, 2		
Netherseal Colliery Co.	Main	Netherseal	Netherseal	Robert Howe and Agent.
South Leicestershire Colliery Co.	Lower Main	South Leicestershire	Bardon Hill	{ George Lewis, Agent. Leonard Clifford Cox.
	Upper Main			
Stephenson, G. R., & Co., Coalville	Roaster	Snibston, No. 2	Coalville	J. H. R. White.
	Roaster	„ No. 3		
Whitwick Colliery Co., Coalville	Main	Whitwick, No. 5	Ditto	J. W. Richardson.
	Ditto	„ No. 4		
Woodville Sanitary Pipe and Brick Co.	Roaster	Speedwell, No. 6	Burton	J. W. Moreton.
	Fire-clay	Woodville		
	Ell Coal			

LIST of OWNERS and MINES under the Metalliferous Mines Regulation Act, in the MIDLAND DISTRICT, 1884.

Owner or Company and Postal Address.	Mineral worked.	Name of Mine.	Where situated.	Barmaster.
Alport Mining Co., near Bake-well	Lead Barytes	Lee Whall Wheels Rake Hard Work Calc-spar	Harthill, near Alport.	John Wagstaffe.
Allsop, Thomas, Wardlow	Ditto	Castcliff	Wardlow	Isaac Shimwell.
Allen, William, Taddington (Flagg via Buxton)	Lead Ditto	Killhill Rake Chapel Dale	Flagg, Buxton	Isaac Shimwell.
Allen, John, Northend, Wirksworth	Ditto Ditto Ditto Ditto Ditto Ditto Barytes Ditto	Round Flat Old Gells Mossrakehead Hugh Grove Moor Cock	Hopton Bradwell Ditto Ditto	
Ashton, Robert How, Castleton	Lead Ditto Barytes Lead Barytes Ditto Barytes Lead	Holland Twine New York Seedlow Hazard Pindale Two Rakes	Castleton Peak Forest Ashford Longstone. Castleton	Robert How.
Andrews, Thomas, Sheffield	Ditto	Blakeden	Ashford	Isaac Shimwell.
Bagshaw Bros., Blackwell, Buxton	Ditto	Glory	Taddington	
Banks, Joseph, Carsington	Ditto	Waterholes.		
Bacon, John, Youlgreave	Ditto	Fisherman	Youlgreave	John Wagstaffe.
Bacon, M., Carsington	Lead Ditto	Providence.		
Backdale, Mining Co., Hassop	Ditto offal Calc-spar	Backdale	Hassop	Geo. Taylor.
Barker, Robert Bradwell	Barytes Lead	New York	Bradwell.	
Barker, Luke, & Co., Hassop	Ditto Spar Limestone	White Coe	Hassop Common	W. Hurst, Ashford, Agent.
Bagshaw, Benjamin, Eyam	Lead	Black Engine	Eyam	Isaac Shimwell. W. B. Bagshaw, Agent.
Bagshaw, W. B., Litton	Ditto	Cross Lands	Near Litton	A. M. Alsop.
Batterley, William, Carsington	Ditto	Waterholes	Carsington.	
Belper, Lord	Gypsum	Westleake	Kegworth	J. W. Fearn, Agent.
Bowman, William, Youlgreave	Lead	Cabins	Newhaven.	
Boam, John, Winster	Ditto Manganese	Heyspots	Elton.	
Bolton and Partners, Charlbury, Oxford.	Ironstone	Fawler	Charlbury, Ox-ford.	E. S. Collis, Agent, 4, Broad Sanctuary, Westminster.
Brace, W., Middleton, Wirksworth	Lead	Heyfield	Cromford	A. M. Alsop.
Brassington, Benjamin, Youlgreave	Ditto	Yateclose	Youlgreave	John Wagstaffe.
Brightside Mining Co., Hassop	Calc-spar Limestone	Brightside	Hassop	Geo. Taylor.
Bradwell, Joseph, Bradwell	Lead	Providence	Peak Forest Li-berty.	R. How.
Bradwell, Isaac, Calver	Calc-spar Lead	Red Rake Smith Grove	Calver	Geo. Taylor.
Bradwell, Thomas, Bradwell	Ditto Ditto Ditto	Dirtlow Ashton Grove Nethershuttle Rake	Castleton Li-berty.	R. How.
Brooks, Thomas, Middleton by Wirksworth.	Ditto	Providence	Middleton, Wirksworth	
Brooks, Samuel, Middleton, Wirksworth	Ditto Ditto	Ash Tree, No. 1 New Butts	Cromford Middleton	A. M. Alsop.
Brooks, E. Middleton, Wirksworth	Ditto	Potosi	Ible	
Bonsall, William, Monyash	Calc-spar Lead	Merry Tom Turnip Close	Middleton Monyash	Isaac Shimwell.
Burrows, G., Smalldale, Bradwell	Ditto	New Venture	Bradwell	R. How.
Brough, James, Wirksworth	Ditto	Prosperity.		
Bridden, Thomas, Brassington	Ditto Barytes Lead	White Lion Tor. Standhills	Brassington	
Bryan, Daniel, Matlock	Ditto	Devonshire Cavern	Matlock	A. M. Alsop.
Buckley, Samuel, Middleton	Ditto Barytes	Dalefields	Wirksworth	
Brown, Robert, Middleton, Eyam	Lead	Robinwash	StoneyMiddleton	
Buckley, Henry, Matlock	Ditto	Wrangling Well	Matlock	A. M. Alsop.
Buckley, William, Middleton	Ditto Ditto Ditto Ditto Ditto	Buckleys Venture Bellharp Mouldridge Doxey Meer Kitchen Vein	Middleton Buxton	
Buckley, Benjamin, Rise End, Middleton, Wirksworth	Ditto Ditto Ochre	Sparklow	Hurdlow	Isaac Shimwell.

## LIST of OWNERS and MINES under the Metalliferous Mines Regulation Act, in the MIDLAND DISTRICT, 1884—cont.

Owner or Company and Postal Address.	Mineral worked.	Name of Mine.	Where situated.	Barmaster.
Buckley, Joseph, Wirksworth	Lead	Little Shays.		
Buxton, Charles, and others, Middleton, Youlgreave	Ditto Calc-spar Barytes	Long Rake	Middleton	A. M. Alsop.
Britland, John, Cromford	Lead	Ashcross	Cromford	
Bunting, William, Bonsall Dale	Ditto Ditto Ochre Barytes	Bonny Lass Buntings Scrin Ditto		
Bunting, Benjamin, Matlock, Bath	Lead Ditto Ditto	Chance Coalpit Rake Brunt	Bonsall	A. M. Alsop.
Bunting, Wesley, Bonsall	Ditto	Horsedale		
Bunting, Job, Bonsall	Ditto	Tule Loaf		
Burrows, R., Smalldale, Bradwell	Lead	Woodcock.		
Buxton, Henry, Youlgreave	Ditto	Calton Hill.		
Cabins Mining Co., Newhaven	Ditto	Cabins	Newhaven	H. Toft, Agent.
Cauldwell, Thomas	Ditto	Griff Bage	Wirksworth.	
Carver, Richard, Gotham	Gypsum	Gotham Glebe	Kegworth.	
Cheetham, John, Bradwell	Lead Barytes Ditto	Long Rake Ditto	Bradwell	R. How
Cotterill, Robert, Bonsall	Ditto Lead	Lark House	Cromford	A. M. Alsop.
Davis, T., Cross Dale Head, Foolow.	Ditto	Cross Dale Head	Longstone	
Denny & Co., Hubberdale, Chelmerston.	Ditto	Hubberdale	Taddington	Isaac Shimwell.
Doxey, Francis, Middleton, Wirksworth	Lead Barytes	Griff Bage	Hopton	Thomas Taylor.
Doxey, Anthony, Middleton, Wirksworth.	Lead	Cauk	Middleton	
Doxey, Jacob, Middleton, Wirksworth.	Ditto	Goodluck		
Doxey, John, Middleton, Wirksworth.	Ditto	New Butts	Cromford	A. M. Alsop.
Doxey, Joseph, Middleton, Wirksworth.	Ditto	Providence	Middleton	
Doxey, G., Middleton, Wirksworth	Ditto	Sunny Side.		
Elliott, John, Bradwell	Ditto	Smiling Nancy.		
Elliott, George, Bradwell	Fluor-spar Barytes	Spring Flat	Bradwell	R. How.
Elliott, E., Smalldale, Bradwell	Lead	Nunley End	Ditto	
Ellis, John, and Son, Leicester	Limestone	Barrow-on-Soar	Sileby, Loughboro'.	John Ellis, Agent.
Evans, John, Alport	Lead	Danger	Youlgreave.	
Evans, Joseph, Middleton, Wirksworth	Ditto Ditto Barytes	Calton Hill Side Fowslow Wells	Ditto Griff Grange	John Wagstaffe. Thomas Taylor.
Eyre, Jacob, Castleton	Lead Barytes	Royal Rose	Peak Forest Liberty.	R. How.
Eyam Mining Co., Eyam	Calc-spar Barytes Fluor-spar Ditto	Eyam Mines	Eyam	Charles Nodder, Agent.
Eyre, H. V., Castleton	Calc-spar	Blue John Caverns	Castleton	H. V. Eyre, Agent.
Farnsworth, James, Monyash	Lead	Greensward	Ashford	Isaac Shimwell.
Fairburn, John, & Co., Longstone	Lead Calc-spar Ditto Lead Ditto Barytes	Noreliff Backdale Longstone Edge Salad Hole	Bakewell Longstone Stoney Middleton.	Isaac Shimwell.
Fearn Bros., Brassington	Lead	Bunting Camp	Brassington	
Fearn, John, Brassington	Ditto	Bald Meer Great Rake Red Weeds	Ditto	A. M. Alsop.
Fox, John, & Co., Bradwell	Ditto Calc-spar	Outland Head	Bradwell	R. How.
Flint, H., Bole Hill, Wirksworth	Lead	South Hazard	Cromford.	
Froggatt, William, Cressbrook, Ashford	Ditto Barytes Calc-spar	Putty Hill	Monsall Dale	R. How.
Frost, Isaac, Youlgreave	Lead Barytes	The Ashes	Youlgreave	John Wagstaffe.
Furniss, William and Anthony, Great Longstone	Lead Barytes	Cackle Mackle	Great Longstone	Isaac Shimwell.
Furniss, Abraham, Pindale, Castleton	Lead Barytes	How Grove, Dirlow	Castleton	R. How.
Furniss, William, Eyam	Calc-spar Lead	Seedlow	Stoney Middleton	Isaac Shimwell.

LIST of OWNERS and MINES under the Metalliferous Mines Regulation Act, in the MIDLAND DISTRICT, 1884—cont.

Owner or Company and Postal Address.	Mineral worked.	Name of Mine.	Where situated.	Barmaster.
Furniss, Richard and James, Eyam	Lead	Watersaw Willow Pits	Longstone	Isaac Shimwell.
Garratt, John, Youlgreave	Barytes Lead	Miller's Vein.	—	—
Garton, E. H., Snitterton, Matlock	Ditto Ditto	Lumsdale White Hillocks	Snitterton	A. M. Alsop.
Garratt, William, and others, Alport, Bakewell	Ditto Barytes	Wheals Rake	Haddon	John Wagstaffe.
Garratt, Joseph, Middleton, Youlgreave	Calc-spar Barytes Lead	Long Rake	Middleton, Youlgreave.	A. M. Alsop.
Garratt, Samuel, Middleton	Ditto Calc-spar	Long Rake	Youlgreave.	—
Glossop Turnpike Trust	Gannister Lead	Dog Clough Cabins	Mellor - Newhaven	C. J. Hadfield, Agent.
Goodwin, George, Monyash	Ditto Ditto	Dead Heath Starlight	- -	Isaac Shimwell.
Goodacre Bros., Gotham, Kegworth	Gypsum Barytes	Pepper	Gotham	C. Goodacre, Agent.
Gillett, George, Wardlow	Lead	High Field	Wardlow.	—
Goodhall, James, Middleton, Wirksworth	Lead Ditto	Springhurst - Easter Balks Speedwell	Middleton -	A. M. Alsop. Isaac Shimwell.
Goodwin, John, Monyash	Barytes Calc-spar Calamine	Hard Rake	Near Sheldon, Ashford.	—
Goodwin, James, Monyash	Lead	Chapeldale.	—	—
Goodwin, George	Lead	True Blue.	—	—
Gould, John, Senr., Brassington	Lead Umber Barytes Lead	Roundlow	Brassington	A. M. Alsop.
Gould, John, Junr., Brassington	Ditto	Longcliff	—	—
Gratton, Henry, Bonsall	Ditto	Daisy	—	—
Gratton, Francis, Upper Town, Bonsall	Ditto	Bee Nest Brass Pump	Bonsall	—
Gretnex, Joseph, Brassington	Calc-spar	Hermitage	Bonsall	—
Green, H., & Co.	Barytes Gypsum	Ball Eye Upperfield	Brassington.	—
Gratton, James, Wirksworth	Lead	Barton	Nottingham.	—
Grogory, John Ravensnest, Ashover	Ditto	Friths Scrin. Hillside.	—	—
Gratton, Charles, Wirksworth	Fluor-spar	Milltown	Ashover.	—
Hadfield, Joseph, Castleton	Lead	Yewdale Scrin	Wirksworth.	—
Hadfield Bros., Castleton	Ditto Lead Barytes Ditto Lead Barytes Lead	Deasey Rake Freezeland Peck of Meal Bullock Grove	—	—
Hall, Joseph, solicitor, Castleton	Ditto Barytes Lead Barytes Lead Ditto Barytes Lead Barytes Lead	Eldon Bent Hazard Penny Mine Long Rake Bottom Kirk Grove	Castleton	—
Hall, Joseph, Castleton	Lead Barytes Lead Barytes	Portaway Holland Twine	—	R. How.
Hall, Isaac, & Co., Castleton	Lead	Hit or Miss	Peak Forest Liberty.	—
Hall, Isaac, Bradwell	Ditto Ditto Barytes	Clear-the-way Oxlow, Old Grove	—	—
Hall, John, Dale End, Bradwell	Lead Ditto	Sykes Engine Hills Venture	—	—
Hallam, Thomas, Bradwell	Calc-spar Lead Ditto Ditto Ditto	Seedlow Windy Hungry Knowle New Rake	Bradwell	—
Harrison, J., Tideswell	Calc-spar Ditto	Thornhill Thornhill Slack	Tideswell	—
Hallam, John, & Co., Bradwell	Lead Ochre	Bennett's Grove New Rake	Bradwell	—
Hallam, Robert, Bradwell	Lead Ditto	Hugh Grove Rake Head	Bradwell	—

## LIST of OWNERS and MINES under the Metalliferous Mines Regulation Act, in the MIDLAND DISTRICT, 1884—cont.

Owner or Company and Postal Address.	Mineral worked.	Name of Mine.	Where situated.	Barmaster.
Hartington Moor Mining Co.	Sand	Discovery	Newhaven	H. Toft, Agent.
	Clay			
	Lead			
	Ochre			
Hawley, Geo., Wirksworth	Lead	Bell Harp.	—	—
Henstock, F., Staley Cromford	Ditto	Righteous.	—	—
Henstock, Joseph, Staley, Bonsall	Ditto	Yields.	—	—
Higinbotham, G. W., Cadster,	Lead	Daisey Spot	Bonsall	A. M. Alsop.
	Ditto	Birch Hill	Peak Forest Liberty.	R. How.
Whaley Bridge	Ditto	Longstone Edge		
Holmes, Daniel, Middleton,	Ditto	Deep Rake	Cromford	A. M. Alsop.
Wirksworth	Ditto	Chance		
Hodgkinson, Thos. Flagg, Buxton	Ditto	Sweetner	Monyash	Isaac Shimwell.
	Ditto	Chapel Dale		
Holmes, A., Mill Town, Ashover	Fluor-spar	Holmes Venture	Ashover.	—
	Lead			
Holland, John	Ditto	Long Rake.	—	—
	Ditto		—	—
Horribon & Co., Alport	Barytes	Bowers Rake	Haddon	John Wagstaffe.
Hoskin, Samuel, Winster	Lead	Long Tor.	—	—
Harrison, John, Sheldon	Ditto	High Stool Pipe.	—	—
Hubbodale Mining Co., Chelmerton	Ditto	Hubbodale.	—	R. Dunn, Agent.
	Ditto	Upper Cross.	—	
Jeffery, Ellis, Bradwell	Ditto	Hills Venture	Bradwell	—
	Ditto	Brunt	Ditto	R. How.
Jeffery, Joshua, & Co., Bradwell	Ditto	Bird	Bradwell Moor	
Johnson, William, Parwich	Ditto	General Wolfe	Parwich	A. M. Alsop.
Johnson, George, Youlgreave,	Ditto	Meadow Rake	Youlgreave	John Wagstaffe.
Bakewell.	Ochre			
Killer Brothers, Middleton	Lead	Stone Quarry	Wirksworth.	—
Long Rake Mining Co.	Lead	Youlgreave Moor	Youlgreave	John Evans, Agent.
	Calc-spar			
Limestone Quarries	Lead	Various Quarries	Wirksworth.	—
	Ditto		—	—
Magpie Mining Co., Sheldon	Zinc ore	Magpie	Bakewell.	—
Maltby, Charles, Eyam	Lead	Farnloy Pipe.	—	—
	Ditto		—	—
Marshall, Alfred, Winster	Barytes	Gorrist.	—	—
Marshall, A., Stone & Taylor, Elton	Manganese	Blakelowfield	Elton.	—
Marsden, John, Birchover	Lead	Horse Buttocks	Winster	John Wagstaffe.
	Ditto		—	—
Marshall, John, Elton	Manganese	Blakelowfield	Elton	A. M. Alsop.
Mather, Samuel, Middleton,	Lead	Springhurst	Middleton	
Wirksworth.				
Mawston Mining Co., Alport,	Barytes	Wendley Hill	Youlgreave	A. M. Alsop.
Bakewell	Lead			
	Ditto	Longdon	—	—
Middleton, Joseph, Bradwell	Ditto	Upper Top	—	—
	Barytes			
Middleton, Samuel, Bradwell	Lead	New Rake	Bradwell	R. How.
Middleton, John, Smalldale,	Ditto	New Pasture		
Bradwell	Ditto	Woodcock		
Middleton, Allen, Bradwell	Ditto	Royal Oak		
Middleton, Charles	Ditto	Ditto		
Middleton, Robert, Bradwell	Ditto	Dalebottom		
Millington, Joseph	Limestone	Calver Peak	Bakewell.	—
	Chert			
Millington, John, Monyash	Limestone	Ricklowdale	Monyash	Isaac Shimwell.
	Lead	Mill Dam	—	—
Mill Dam Mining Co., Great Hucklow, Eyam	Ditto	Silence	Great Hucklow	Leonard Maltby, Agent.
	Ditto			
	Sand			
Mozeley, Thomas, Winster	Barytes	Brown Edge	Winster	John Wagstaffe.
	Manganese			
Morton, Jabez, Bradwell	Calc-spar	Windy Knowle	—	—
	Barytes			
	Lead		Bradwell	R. How.
	Calc-spar			
Morton, Thomas, Bradwell	Lead	Ripper	—	—
	Ditto	Southfield	—	—
Mossrake Mining Co., Bradwell	Calc-spar.		—	—
Morton, Fred, Bradwell	Lead	Ripper	—	—
Mycock, William, Flagg, Bux-	Ditto	Dogleg	—	Isaac Shimwell.
ton	Ditto	Strike Fire.	—	
	Ditto		—	—
Needham, Samuel, Hassop	Limestone	White Coe	Hassop	Geo. Taylor.
Needham, John, Crowdy Gate, Longnor.	Lead	Cross Rake Hard Low	Hartington	John Wagstaffe.
	Ditto		—	—
Needham, William, Alport	Barytes	Wheels Rake.	—	—
New Edge Mining Co.	Lead	Gorse Bush.	—	—
Nutthall, William, Youlgreave	Ditto	Puncheon Sides	Youlgreave	John Wagstaffe.
Nutthall, Samuel, Youlgreave	Ditto	Out Rake		

LIST of OWNERS and MINES under the Metalliferous Mines Regulation Act, in the MIDLAND DISTRICT, 1884—cont.

Owner or Company and Postal Address.	Mineral worked.	Name of Mine.	Where situated.	Barmaster.
Norcliff Sough Co., Calver	Lead	Norcliff Sough	Calver	William Bland Eyam, Agent. Ernest Elliott, Agent.
Nunley End Mining Co.	Calc-spar	Nunley End	Bradwell	
Oliver, Robert, Rowland, Bake-well	Sand	Blue Bell	Longstone	Isaac Shimwell.
	Lead	Small Rake		
Oliver, Martin, Great Longstone	Ditto	Edge Side	}	
	Calc-spar	Wide Rake		
Palfreyman, T. Biggin, Hartington	Lead	Hopewell.		
Parr, Samuel, Nottingham	Barytes	Mouldridge	Pikehall	A. M. Alsop.
Palfreyman, Geo., Bradwell	Lead	Upper Bank Top	Smalldale	R. How.
	Ditto	Needhams Venture	Bonsall	A. M. Alsop.
Pearson, Norman, Bonsall	Ditto	Aston Glebe	Aston, near Derby.	C. Foreman, Agent. R. Foreman, Agent.
Pegg, Harper, & Co., Derwent Mills, Derby	Gypsum	Aston Home		
Pett, Isaac, Biggin, Hartington	Ditto	Green Rake	Biggin, Hartington.	Isaac Shimwell.
Peak Forest Mining Co., Chapel-en-le-Frith.	Ditto	Sparrow Pit	Chapel-en-le-Frith.	
Rakehead Mining Co., Bradwell	Ditto	Hugh Grove	Bradwell	R. How.
Redfern, Francis, Foolow Eyam	Ditto	White Rake	Tideswell	Isaac Shimwell.
	Ditto	Tideslow		
Repton, Joseph, Carsington	Ditto	Valentine	Little Hucklow	
	Ditto	Mock		
Repton, Joshua, Carsington	Ditto	Flaxpiece		Isaac Shimwell.
	Ditto	Ironsides.		
Repton, John and Joseph, Hopton, Wirksworth.	Ditto	Breck Hollow	Brassington	A. M. Alsop.
	Barytes	Old Knowle	Hopton	Thomas Taylor.
Royse, Ellen, Castleton	Limestone	Smiling Nancy	Castleton	R. How.
	Lead			
Robinson, John, Wardlow	Ditto	Stratford	Longstone	
Robey & Co., Thrumpton, near Kegworth.	Barytes	Thrumpton Mines	Thrumpton	Robert Robey, Manager.
Seedlow Mining Co., Eyam	Gypsum	Seedlow	Eyam	Isaac Shimwell.
	Lead			
Sellers, Jonathan, Foolow	Ditto	Seedlow, East		
Sellers, John, & Co., Wardlow, Litton	Lead	Slack Scrin and Stratford.	Ashford Liberty	
	Barytes			
Sheldon, Samuel Middleton, Wirksworth	Lead	Snake	Middleton	A. M. Alsop.
Shimwell, Joseph, Youlgreave	Ditto	Bold Pit		
Shuttleworth, J. S. A., Hather-sage	Calc-spar	Long Rake.	Eyam	Isaac Shimwell.
	Lead	Broadlow.		
Smith, Joseph Youlgreave, Bake-well.	Ditto	Little Pastures	Great Hucklow	
	Fluor-spar	New Edge		
Smith, Joseph, and Son, Bakewell	Lead	Mogshaw.		
Spencer, Charles, Middleton	Barytes	Chert Mine	Bakewell	Noton, Manager.
	Chert	Conway	Brassington.	
Spencer William, Middleton	Lead	Easter	Wirksworth	
	Ditto	Magpie		
Spencer, John, & Co., Middleton, Wirksworth.	Ditto	Croft Doghole	Middleton	A. M. Alsop.
	Ditto	Plug Scrin		
Spencer, John, Wirksworth	Ditto	Rantor Takers	Middleton	
	Ditto	Back Settlements		
Spencer, Thomas, Middleton, Wirksworth	Ditto	Colliers Venture		
Spencer, James, Middleton, Wirksworth	Ditto	Sunny Side	Hopton	Thomas Taylor.
	Ditto	Elbows		
Spencer, Benjn., Middleton, Wirksworth.	Ditto	Ash Tree	Middleton	
	Ditto	Silver Eye		
Spencer, Isaac, Middleton, Wirksworth	Ditto	Switcher	Middleton	A. M. Alsop.
	Ditto	Cawdor Slack		
Spencer, Frank, Middleton	Ditto	Weldon	Wirksworth	
Stocker and Adames, Gotham, Kegworth.	Gypsum		Gotham	Adams, Agent.
Stone, Daniel, Elton	Manganese	Filbarnes	Elton	A. M. Alsop.
Stone, Geo., & Co., Elton, Winster Street, William, Wirksworth	Lead	Sweep	Elton	A. M. Alsop.
	Manganese	Old Gells	Middleton	
Stableford, Thos., Chellaston	Lead	Chellaston	Chellaston.	



LIST of OWNERS and MINES under the Metalliferous Mines Regulation Act, in the MIDLAND DISTRICT, 1884—cont.

Owner or Company, and Postal Address.	Mineral worked.	Name of Mine.	Where situated.	Barmaster.
Wass and Son, Lea Lead Works, Matlock	Lead	Stichen	Middleton, Wirksworth.	A. M. Alsop.
	Ditto	Spar Rake		
	Ditto	Thumperstitch	Winster	Isaac Shimwell.
	Ditto	Mount Pleasant		
	Ditto	Pitts	Elton	A. M. Alsop.
	Ditto	Raithes		
	Ditto	Moletrap	Matlock	
	Barytes	Mill Close Stoop.		
	Lead	Samuel.	Wirksworth.	
	Ditto	Red Weeds.		
	Ditto	Rantor	Winster.	
	Manganese	Whitelow Rake		
	Lead	Limbrick.	Wirksworth.	
	Barytes			
	Lead	Hannage Level.	Wirksworth.	
	Ditto	Blackburn Croft		
	Ditto	Bonny Lass.	Winster	Isaac Shimwell.
	Ditto	Daisy.		
	Ditto	Elton Cross	Hey Spots	
	Ditto			
	Manganese		Wensley	
	Lead	Mill Close		
	Calc-spar	Goodluck	Middleton	
	Limestone			
	Zinc-ore	New Venture.	Middleton	A. M. Alsop.
	Calc-spar			
	Lead	Wakebridge	Crich	
	Manganese			
	Lead	Bage	Bole Hill, Wirksworth.	
	Ditto bellaud			
	Calc-spar	Griff Bage.		
	Fluor-spar			
	Limestone	Blythe.		
Lead				
Ditto bellaud	Burfoot.			
Calc-spar				
Limestone	Dirty Face.			
Lead				
Barytes	Shore Vein.	Middleton.		
Lead				
Ditto	Whippet	Middleton.		
Ditto	Slack Rake			
Ditto	Nightingale Leys.	Middleton.		
Ditto	George.			
Ditto	Horse Founder.	Middleton.		
Ditto	Watergrove			
Watergrove Co.	Ditto		C. Maltby, Agent.	
Wardle, Thomas, Youlgreave	Barytes	Town End	Youlgreave	John Wagstaffe.
Wardman, W., Staley Cromford	Lead	Rowlowand Limekiln.		
Walker, Andrew, Middleton, Wirksworth.	Barytes			
Walker, Robert, Monsall Dale	Lead	Soots Greys.		
Walton William, Pike Hall, Brassington.	Calc-spar	Mouldridge	Brassington	A. M. Alsop.
Webster, Henry, Elton	Ditto			
Webster, Henry, Elton	Ditto	Blackstone		
Webster, Henry, Elton	Ditto	Inkerman	Elton	
Wheels, Rake Mining Co.	Manganese	Wheels Rake.		
Wheels, Rake Mining Co.	Lead			
Wheels, Rake Mining Co.	Barytes	Nos. 1 and 2	Gotham	— Fox, Agent.
Wheels, Rake Mining Co.	Calc-spar			
Winer, E. F. and J., Gotham, Kegworth.	Gypsum			
Wilson, Geo., Little Hucklow, Eyam.	Lead	Asia.	Tideswell	Isaac Shimwell.
	Limestone	Chapmaiden		
	Fluor-spar		Maiden Rake	Little Hucklow
	Barytes			
	Lead	Smiler	Peak Forest Liberty.	
Winterbottom, Edward, Peak Forest.	Ditto	Found at last.		
Woodiwiss, Isaac, Bonsall	Barytes	Fortunate.	Bonsall	A. M. Alsop.
	Lead	Stubbin		

LIST of MINING LIBERTIES classed under the Metalliferous Mines Act, in the DERBYSHIRE DISTRICT, 1884.

Townships.	Owner of Mineral Duties.	Barmaster, &c.		
Hartington -	Duchy of Lancaster. Leased to the Duke of Devonshire.	Steward, Joseph Hall, Esq., Solicitor, Castleton.		
Peak Forest -				
Tideswell -				
Ashford -				
Sheldon -				
Great Longstone -				
Little "				
Wardlow -				
Brushfield -				
Blackwell -				
Upper Hartington -				
Nether "				
Middle "				
Weston -				
Winstar -				
Monyash -	Duke of Devonshire, Duke of Buckingham and Chandos, and Sir Henry James Tufton.	Deputy Barmasters, Robert How, Castleton; John Wagstaffe, Winstar, Bakewell; Thomas Shimwell, Little Longstone.		
Flagg and Chelmorton -				
Taddington -				
Upper Haddon -				
Castleton -				
Chapel-en-le-Frith -				
Bradwell -				
Great Hucklow -				
Hope -				
Little Hucklow -				
Stony Middleton -				
Eyam -				
Foolow -				
Eyam Woodlands -				
Bakewell -	Duke of Rutland	John Wagstaffe.		
Nether Haddon -				
Harthill -				
Youlgreave -				
Stanton -				
Hazlebach -				
Smerril Grange -				
Aldwarke -				
Litton -				
Crich -			Baron Scarsdale	Thomas Furness, Wardlow, Miers, Tideswell.
Hassop -				
Calver -				
Rowland -				
Grindlow -				
Griff -				
Part of Middleton -				
Ashbourn -				
Ballidon -				
Bentley -				
Bonsall -				
Bradbourne -				
Brassington -				
Callow -				
Carsington -				
Cromford -				
Dethick and Lea -				
Eaton and Allsop -				
Elton -				
Hogmaston -				
Hopton -				
Ible -				
Breton Wood -	Duchy of Lancaster, Lessee, Exors. of Peter Arkwright, Esq.	Anthony M. Alsop, Wirksworth.		
Kirk Ireton -				
Kniveton -				
Mappleton -				
Matlock -				
Middleton and Smerril -				
Middleton by Wirksworth -				
Newton Grange -				
Off Coate -				
Underwood -				
Parwich -				
Tansley -				
Thorpe -				
Tissington -				
Wensley -				
Wirksworth -	Mrs. Andrew Brittlebank, Exors. of Phillip Gells T. W. Bateman, Esq.	Steward, — Stone, Esq., Solicitor, Wirksworth.		

NOTE.—For lists of Openworks, Owners, &c., see the "Mineral Statistics."

(5.) East Scotland District.

MR. RALPH MOORE.

MINES CLASSED UNDER THE COAL MINES REGULATION ACT.

LIST OF COAL MINES, OWNERS, &c., with the NUMBERS OF PERSONS EMPLOYED, DEPTHS OF SHAFTS, the MODE of WORKING, ARRANGEMENTS of VENTILATION, &c., during the Year 1884.

Name of Owner.	Name of Colliery.	Postal Address.	Name of Certificated Manager and Agent.	Name of Pit or Mine.	Name of Seam and Thickness.	Mode of Working, L. or S., or both, and Room.	No. of Persons employed.		Size and Depth of Downcast and Upcast Shafts.				Number of Splits or Currents.	Length of Currents in Yards.	Sectional Area of Air-ways in Feet.	Average Total Quantity of Air in Feet per Minute.	Mode of Ventilation.	Machinery or Non-Machinery.	REMARKS.	Persons killed.	Persons injured.	
							Above Ground.	Below Ground.	Downcast.	Upcast.	Downcast.	Upcast.										Downcast.
Adams, Ord	Hill of Beath	Dunfermline	David Adams and Agent.	Engine	Fourteen feet, 5' Leicestershire splint, 4' 6" Five feet, 5' Dunfermline splint, 4' 8"	L.	44	149	18x6	732	—	—	—	—	—	—	—	—	—	—	—	—
Addie, Robert, & Sons.	Rosehall	Coatbridge	John Smith	West	Five feet, 5"	S.	6	33	—	—	—	—	—	—	—	—	—	—	—	—	—	—
				No. 7	Pyotshaw, 3 1/2 to 4'	L.	15	132	14x5	810	—	—	—	—	—	—	—	—	—	—	—	—
Airdrie Coal Co.	Airdrie House	Airdrie	John Ferguson and Agent.	No. 13	Main, 3'	L.	10	71	14x5	690	—	—	—	—	—	—	—	—	—	—	—	—
				No. 4	Splint, 3'	L.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Allanshaw Coal Co.	Allanshaw	Hamilton	Joseph Park	No. 8	Kilbongue, 3 to 4'	L.	12	76	12x4 1/2	180	—	—	—	—	—	—	—	—	—	—	—	—
				No. 1	Bill, 7'	S.	26	90	13 1/2 dia.	696	—	—	—	—	—	—	—	—	—	—	—	—
Alloa Coal Co.	Alloa	Alloa	And. Hunter	No. 2	Main, 4'	S.	3	29	—	—	—	—	—	—	—	—	—	—	—	—	—	—
				No. 2	—	S.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Do.	Devon	Do.	Thos. Moodie	No. 2	Splint, 2 1/2 to 4' Cherry, 5'	L.	19	94	10x9	488	—	—	—	—	—	—	—	—	—	—	—	—
				No. 2	Old Mains	S.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Do.	Tillicoultry	Do.	John McGee	Whinhall	Splint, 3' to 4' Cherry, 3' to 6'	L. & L.	14	68	10x9	216	—	—	—	—	—	—	—	—	—	—	—	—
				Furnace Bank	Upper five feet, 6' Nine feet, 4' Lower five feet, 5'	S.	46	280	18 1/2 x 10 1/2	699	—	—	—	—	—	—	—	—	—	—	—	—
Do.	Tillicoultry	Do.	John McGee	Crophill	Two feet, 2' Upper five feet	L.	14	93	12x5	108	—	—	—	—	—	—	—	—	—	—	—	—
				Drummie Mine	Cherry, 3' to 5'	L. & S.	8	75	7x5 1/2 6x4	—	—	—	—	—	—	—	—	—	—	—	—	—

List of Coal Mines, Owners, &c., with the Mode of Working, Ventilation, &c., during the Year 1884—continued.

Name of Owner.	Name of Colliery.	Postal Address.	Name of Certificated Manager and Agent.	Name of Pit or Mine.	Name of Seam and Thickness.	Mode of Working (L. Long Wall, S. Stoop and Room).	No. of Persons employed.		Size and Depth of Downcast and Upcast Shafts.				Number of Splits or Currents.	Length of Currents in Yards.	Sectional Area of Air-ways in Feet.	Average Total Quantity of Air in Feet per Minute.	Mode of Ventilation.	Fury or Non-Fury.	REMARKS.	Persons killed.	Persons injured.
							Above Ground.	Below Ground.	Downcast.	Upcast.											
								Size in Feet.	Depth in Feet.	Size in Feet.	Depth in Feet.										
Ancell, McIntyre, & Co.	Lairidge	Onco, by Motherwell.	Thos. Muir	No. 1	Virtuewell, 2' 6"	L.	4	30	12x6 1/2	300	360	1	1,012	7 1/2	2,040	Fur.	F.				
Anderson, A. & G.	Nappysfaulds	Shamannan	Geo. Anderson and Agent.	No. 2	Corrood, 2' 6"	L.	3	38	6x5	65	60	1	1,144	7 1/2	2,100	Fur.	N.F.	Chimney 70' high on sur.			
Do.	Barblues	By Airdrie	Do.	No. 1	Virtuewell	L.	5	32	4x5	96	96	1	330	12	3,750	Fur.	N.F.		1		
				No. 4	Do.	L.	4	15	6x4	20	78	1	430	14	2,740	Fur.	N.F.	Sinking.			
				No. 7	Do.	L.	4	15	9x5	20	78	1	430	14	2,740	Fur.	N.F.	Sinking.			
				No. 8 mine	Lower Drumgray	L.	4	23	6x4	—	—	1	424	15	5,230	Nat.	—	Sinking.			
				No. 9	Do.	L.	4	23	14x6	—	—	1	424	15	5,230	Nat.	—	Sinking.			
Arnaison Coal Co. (Limited).	Arnaison	Gorebridge, Edinburgh.	John Haddow, Robt. Clark.	Common Goss	Splint, Keelblades, Perrot, 2' 4", Splint, 4' 2"	L.	4	27	15x9	960	420	1	3,600	30	7,560	Fur.	N.F.	Fan 25' dia. at separate shaft.	1	6	
				Emily	Perrot, 2' 6"; Splint, 4' Great Seam - Keelblades - Betsy Brown Splint	L.	16	141	17 1/2 x 9 1/2	690	480	2	4,800	24	6,350	Fan	F.				
					Perrot, 2' 6"; Splint, 4'	L.	23	237	15x9	960	—	1	4,000	20	9,000	Fan.	F.				
					Great Seam - Keelblades - Betsy Brown Splint	L.	23	237	—	—	480	3	2,800	25	9,720	Fan.	F.				
					Keelblades - Betsy Brown Splint	L.	23	237	—	—	480	3	2,800	25	9,720	Fan.	F.				
					Keelblades - Betsy Brown Splint	L.	23	237	—	—	480	3	2,800	25	9,720	Fan.	F.				
					Keelblades - Betsy Brown Splint	L.	23	237	—	—	480	3	2,800	25	9,720	Fan.	F.				
Auchinstilloch Coal Co.	Auchinstilloch	Douglas	Wm. Vallance	Mine	Nine feet, 6'	S.	5	10	8x5	—	24	1	220	40	4,800	Nat.	N.F.				
Avonhead Coal Co.	Avonhead	Airdrie	Peter Rae	No. 5	Johnstone 2'	L.	14	66	13x5	98	99	3	433	20	6,065	Fur.	N.F.				
Baird, Wm., & Co.	Bothwell Park	Bothwell	Henry Rowan, A. K. McCosh.	No. 1	Splint, 3' to 3' 6"	L.	15	125	23x5 1/2	1,062	—	1	—	—	7,560	Fur.	F.			6	
					Splint, 3' to 3' 6"	L.	15	125	—	—	—	1	—	—	7,560	Fur.	F.				
					Splint, 3' to 3' 6"	L.	15	125	—	—	—	1	—	—	7,560	Fur.	F.				
					Splint, 3' to 3' 6"	L.	15	125	—	—	—	1	—	—	7,560	Fur.	F.				
					Splint, 3' to 3' 6"	L.	15	125	—	—	—	1	—	—	7,560	Fur.	F.				
					Splint, 3' to 3' 6"	L.	15	125	—	—	—	1	—	—	7,560	Fur.	F.				
					Splint, 3' to 3' 6"	L.	15	125	—	—	—	1	—	—	7,560	Fur.	F.				
					Splint, 3' to 3' 6"	L.	15	125	—	—	—	1	—	—	7,560	Fur.	F.				
					Splint, 3' to 3' 6"	L.	15	125	—	—	—	1	—	—	7,560	Fur.	F.				
					Splint, 3' to 3' 6"	L.	15	125	—	—	—	1	—	—	7,560	Fur.	F.				
					Splint, 3' to 3' 6"	L.	15	125	—	—	—	1	—	—	7,560	Fur.	F.				
					Splint, 3' to 3' 6"	L.	15	125	—	—	—	1	—	—	7,560	Fur.	F.				
					Splint, 3' to 3' 6"	L.	15	125	—	—	—	1	—	—	7,560	Fur.	F.				
					Splint, 3' to 3' 6"	L.	15	125	—	—	—	1	—	—	7,560	Fur.	F.				
					Splint, 3' to 3' 6"	L.	15	125	—	—	—	1	—	—	7,560	Fur.	F.				
					Splint, 3' to 3' 6"	L.	15	125	—	—	—	1	—	—	7,560	Fur.	F.				
					Splint, 3' to 3' 6"	L.	15	125	—	—	—	1	—	—	7,560	Fur.	F.				
					Splint, 3' to 3' 6"	L.	15	125	—	—	—	1	—	—	7,560	Fur.	F.				
					Splint, 3' to 3' 6"	L.	15	125	—	—	—	1	—	—	7,560	Fur.	F.				
					Splint, 3' to 3' 6"	L.	15	125	—	—	—	1	—	—	7,560	Fur.	F.				
					Splint, 3' to 3' 6"	L.	15	125	—	—	—	1	—	—	7,560	Fur.	F.				
					Splint, 3' to 3' 6"	L.	15	125	—	—	—	1	—	—	7,560	Fur.	F.				
					Splint, 3' to 3' 6"	L.	15	125	—	—	—	1	—	—	7,560	Fur.	F.				
					Splint, 3' to 3' 6"	L.	15	125	—	—	—	1	—	—	7,560	Fur.	F.				
					Splint, 3' to 3' 6"	L.	15	125	—	—	—	1	—	—	7,560	Fur.	F.				
					Splint, 3' to 3' 6"	L.	15	125	—	—	—	1	—	—	7,560	Fur.	F.				
					Splint, 3' to 3' 6"	L.	15	125	—	—	—	1	—	—	7,560	Fur.	F.				
					Splint, 3' to 3' 6"	L.	15	125	—	—	—	1	—	—	7,560	Fur.	F.				
					Splint, 3' to 3' 6"	L.	15	125	—	—	—	1	—	—	7,560	Fur.	F.				
					Splint, 3' to 3' 6"	L.	15	125	—	—	—	1	—	—	7,560	Fur.	F.				
					Splint, 3' to 3' 6"	L.	15	125	—	—	—	1	—	—	7,560	Fur.	F.				
					Splint, 3' to 3' 6"	L.	15	125	—	—	—	1	—	—	7,560	Fur.	F.				
					Splint, 3' to 3' 6"	L.	15	125	—	—	—	1	—	—	7,560	Fur.	F.				
					Splint, 3' to 3' 6"	L.	15	125	—	—	—	1	—	—	7,560	Fur.	F.				
					Splint, 3' to 3' 6"	L.	15	125	—	—	—	1	—	—	7,560	Fur.	F.				
					Splint, 3' to 3' 6"	L.	15	125	—	—	—	1	—	—	7,560	Fur.	F.				
					Splint, 3' to 3' 6"	L.	15	125	—	—	—	1	—	—	7,560	Fur.	F.				
					Splint, 3' to 3' 6"	L.	15	125	—	—	—	1	—	—	7,560	Fur.	F.				
					Splint, 3' to 3' 6"	L.	15	125	—	—	—	1	—	—	7,560	Fur.	F.				
					Splint, 3' to 3' 6"	L.	15	125	—	—	—	1	—	—	7,560	Fur.	F.				
					Splint, 3' to 3' 6"	L.	15	125	—	—	—	1	—	—	7,560	Fur.	F.				
					Splint, 3' to 3' 6"	L.	15	125	—	—	—	1	—	—	7,560	Fur.	F.				
					Splint, 3' to 3' 6"	L.	15	125	—	—	—	1	—	—	7,560	Fur.	F.				
					Splint, 3' to 3' 6"	L.	15	125	—	—	—	1	—	—	7,560	Fur.	F.				
					Splint, 3' to 3' 6"	L.	15	125	—	—	—	1	—	—	7,560	Fur.	F.				
					Splint, 3' to 3' 6"	L.	15	125	—	—	—	1	—	—	7,560	Fur.	F.				
					Splint, 3' to 3' 6"	L.	15	125	—	—	—	1	—	—	7,560	Fur.	F.				
					Splint, 3' to 3' 6"	L.	15	125	—	—	—	1	—	—	7,560	Fur.	F.				
					Splint, 3' to 3' 6"	L.	15	125	—	—	—	1	—	—	7,560	Fur.	F.				
					Splint, 3' to 3' 6"	L.	15	125	—	—	—	1	—	—	7,560	Fur.	F.				
					Splint, 3' to 3' 6"	L.	15	125	—	—	—	1	—	—	7,560	Fur.	F.				
					Splint, 3' to 3' 6"	L.	15	125	—	—	—	1	—	—	7,560	Fur.	F.				
					Splint, 3' to 3' 6"	L.	15	125	—	—	—	1	—	—	7,560	Fur.	F.				
					Splint, 3' to 3' 6"	L.	15	125	—	—	—	1	—	—	7,560	Fur.	F.				
					Splint, 3' to 3' 6"	L.	15	125	—	—	—	1	—	—	7,560	Fur.	F.				
					Splint, 3' to 3' 6"	L.	15	125	—	—	—	1	—	—							

List of Coal Mines, Owners, &c., with the Mode of Working, Ventilation, &c., during the Year 1884—continued.

Name of Owner.	Name of Colliery.	Postal Address.	Name of Certificated Manager and Agent.	Name of Pit or Mine.	Name of Seam and Thickness.	Mode of Working.	No. of Persons employed.		Size and Depth of Downcast and Upcast Shafts.				Number of Splits or Currents.	Length of Currents in Yards.	Sectional Area of Air-ways in Feet.	Average Total Quantity of Air in Feet per Minute.	Mode of Ventilation.	Fires or Machinery.	REMARKS.	Persons killed.	Persons injured.
							Above Ground.	Below Ground.	Downcast.	Upcast.	Downcast.	Upcast.									
Barr, Wm., & Sons	Allanton	Hamilton	Alex. Forbes	No. 1	Ell, 5' 6"	S.	15	69	20x6	38 1/2	—	—	1	700	2,400	Fan	F.	Fan 30' x 9' 8"	—	1	
				No. 2	Main, 4' 4" Splint, 5'	S.	19	114	12x6	494	6x4	—	2	1,200	5,200	—	F.	—	—	—	
Do.	Longlee	Larkhall	Do.	No. 1	Ell, 8' Main, 4' 10"	S.	4	20	—	—	14x5 1/2	—	1	600	6,000	Fan	N.F.	Fan 14 dia.	—	2	
				No. 3	Ell, 13' Main, 8' Splint	S.	9	68	15x5 1/2	168	—	—	1	900	10,800	—	N.F.	—	—	—	
Do.	Over Dalsert	Do.	Do.	Muir	Main Splint	S.	6	34	12x5	282	4x5	—	1	80	4,500	Fur.	N.F.	—	—	—	
Barr, Thomas	Orchard	Carluke	Wm. Twaddle	No. 2	Gas Coal, 2'	L.	15	95	9x4	182	1 1/2 x 5 1/2	—	2	1,716	13,000	Fan	N.F.	Fan 10' x 5'	—	1	
Do.	Ross	Hamilton	Do.	No. 1 No. 3	Ell, 7'	S.	12	136	13x5 1/2	360	—	—	2	2,146	15,000	Fan	F.	Fan 21' x 6'	—	—	
Barr and Higgins	Langbyres	Onna, by Motherwell.	Thos. Lithgow	No. 2	Virtuewell, 3'	L.	9	46	7x4 14x5	186	14x5 1/2	—	1	760	2,854	Fur.	N.F.	—	—	—	
Do.	Westwood	Do.	Do.	Westwood	Do.	L.	6	45	8x5 14x5 1/2 12x5	60 108 126	12x5 1/2	—	2	800	3,050	Fur.	N.F.	—	—	1	
Do.	Blairmuckhill	Do.	Do.	Blairmuckhill	Shotts Furnace	L.	—	—	—	—	—	—	—	—	—	—	—	Standing.	—	—	
Bellsdyke Coal Co.	Bellsdyke	Airdrie	And. Pettigrew	No. 3	Virtuewell, 22' Drumgray, 21'	L.	6	35	7x5	306	5x5	—	1	600	12,000	Fan	F.	Fan 12 dia.	—	1	
				No. 4	Kiltongue, 4'	L.	4	35	17x6	462	—	—	2	60	8,000	—	F.	—	—	—	
				No. 5	Virtuewell, 22'	L.	7	79	4x6	576	12x5	—	2	740	16,000	Fan	F.	Upcast by Fan 16 dia.	—	—	
Benarty Coal Co.	Benarty	Blairadam, Fife	Henry Ness	No. 1	Main	L.	3	10	7x5	380	7	—	1	600	3,000	—	N.F.	—	—	—	
Bent Colliery Co. (Limited).	Bent	Hamilton	Arch. Blythe, Jas. S. Dixon.	No. 1 No. 2	Ell, 6'	S.	40	135	13 1/2 x 6	636	14x6	—	1	1,370	5,500	Fan	F.	Fan 25' x 8'	—	—	
				No. 3	Main, 4 1/2' Splint, 6'	S.	24	102	22x8	711	—	—	2	1,260	11,646	—	F.	—	—	—	
Do.	Palace	Do.	Do.	No. 1	—	S.	12	786	13x8	786	—	—	2	628	12,250	—	F.	Upcast by No. 2.	—	—	

List of Coal Mines, Owners, &c., with the Mode of Working, Ventilation, &c., during the Year 1884—continued.

Name of Owner.	Name of Colliery.	Postal Address.	Name of Certificated Manager and Agent.	Name of Pit or Mine.	Name of Seam and Thickness.	Mode of Working of L. Walls and Rooms.	No. of Persons employed.		Size and Depth of Downcast and Upcast Shafts.				Number of Splits or Currents.	Length of Currents in Yards.	Sectional Area of Airways in Feet.	Average Total Quantity of Air in Feet per Minute.	Mode of Ventilation.	Fury or Non-Fury.	REMARKS.	Persons killed.	Persons injured.
							Above Ground.	Below Ground.	Downcast.	Upcast.	Downcast.	Upcast.									
Birkenshaw Co.	Birkenshaw	Larkhall	John Leggate	No. 2	Virtuewell	L.	10	60	10x5	126	14x6	343	8	1,700	22	14,300	Fur.	F.	-	-	1
Do.	Canderside	Do.	Do.	No. 2	Virtuewell	L.	2	8	-	-	12x5	90	1	500	24	5,000	Fur.	N.F.	Downcast is a mine from Cander-water.	-	-
Black, Wm., & Sons	Airdriehill	Airdrie	Jas. Prentice	No. 3	Splint, 3' 6"	L.	8	56	8x5½	428	6x5½	440	3	625	23	2,950	Fan	N.F.	Fan 14' x 6'	-	-
Do.	Arden	Do.	Do.	No. 1	Virtuewell, 2' 6"	L.	4	40	13x5	84	8x5	66	1	650	25	2,250	Fur.	N.F.	Stopped.	-	-
Do.	Brownside	Do.	Do.	No. 4	Do.	L.	-	-	8x5	108	6x5½	390	1	650	22	2,500	Fur.	N.F.	-	-	-
Do.	Brownside	Do.	Do.	No. 8	Do.	L.	10	65	8x5	378	6x5½	390	2	400	25	3,300	Fan	N.F.	-	-	-
Do.	Brownside	Do.	Do.	No. 10	Lower Drumgray, 2' 3"	L.	-	-	14x5	300	12x5	315	4	1,100	25	3,430	Fan	F.	Fan 20' x 6' at No. 2 pit (upcast only).	-	-
Do.	Brownside	Do.	Do.	No. 1	Upper Drumgray, 1' 11"	L.	13	85	7½x5	54	5x5	64	1	550	20	1,850	Fur.	N.F.	-	-	-
Do.	Meadowfield	Do.	Do.	No. 5	Splint, 2' 3"	L.	3	24	7½x5	54	5x5	64	2	595	20	1,560	Fur.	N.F.	-	-	-
Do.	Stannig	Do.	Do.	No. 1	Upper Drumgray, 2'	L.	23	148	11x5½	882	10x6	885	1	525	22	3,125	Fan	F.	Fan 20' x 6½' at No. 1 pit (upcast only).	-	-
Do.	Stannig	Do.	Do.	No. 2	Slaty and Ironstone, 1' 1"	L.	-	-	11x5½	882	10x6	885	2	590	22	3,050	Fan	F.	-	-	-
Do.	Whiterigg	Do.	Do.	No. 1	Kiltongue, 2' 6"	L.	7	48	12x5	222	8x5	144	1	1,150	22	2,250	Fur.	F.	-	-	-
Do.	Whiterigg	Do.	Do.	No. 2	Upper Drumgray, 1' 10"	L.	-	-	12x5	222	8x5	144	2	810	22	2,125	Fur.	N.F.	-	-	-
Do.	Southfield	Stamman	John Errington	No. 1	Coxrod, 2' 2"	L.	17	93	7x5	342	6x5	360	1	1,766	22	2,050	Fur.	N.F.	-	-	-
Do.	Southfield	Stamman	John Errington	No. 1	Splint, 1' 10"	L.	-	-	7x5	342	6x5	360	2	1,600	22	2,220	Fur.	N.F.	-	-	-
Do.	Southfield	Stamman	John Errington	No. 1	Splint, 1' 10"	L.	-	-	7x5	342	6x5	360	3	1,600	22	2,220	Fur.	N.F.	-	-	-
Do.	Southfield	Stamman	John Errington	No. 1	Splint, 1' 10"	L.	-	-	7x5	342	6x5	360	4	1,600	22	2,220	Fur.	N.F.	-	-	-
Do.	Southfield	Stamman	John Errington	No. 1	Splint, 1' 10"	L.	-	-	7x5	342	6x5	360	4	1,600	22	2,220	Fur.	N.F.	-	-	-
Do.	Southfield	Stamman	John Errington	No. 1	Splint, 1' 10"	L.	-	-	7x5	342	6x5	360	4	1,600	22	2,220	Fur.	N.F.	-	-	-
Do.	Southfield	Stamman	John Errington	No. 1	Splint, 1' 10"	L.	-	-	7x5	342	6x5	360	4	1,600	22	2,220	Fur.	N.F.	-	-	-
Do.	Southfield	Stamman	John Errington	No. 1	Splint, 1' 10"	L.	-	-	7x5	342	6x5	360	4	1,600	22	2,220	Fur.	N.F.	-	-	-
Do.	Southfield	Stamman	John Errington	No. 1	Splint, 1' 10"	L.	-	-	7x5	342	6x5	360	4	1,600	22	2,220	Fur.	N.F.	-	-	-
Do.	Southfield	Stamman	John Errington	No. 1	Splint, 1' 10"	L.	-	-	7x5	342	6x5	360	4	1,600	22	2,220	Fur.	N.F.	-	-	-
Do.	Southfield	Stamman	John Errington	No. 1	Splint, 1' 10"	L.	-	-	7x5	342	6x5	360	4	1,600	22	2,220	Fur.	N.F.	-	-	-
Do.	Southfield	Stamman	John Errington	No. 1	Splint, 1' 10"	L.	-	-	7x5	342	6x5	360	4	1,600	22	2,220	Fur.	N.F.	-	-	-
Do.	Southfield	Stamman	John Errington	No. 1	Splint, 1' 10"	L.	-	-	7x5	342	6x5	360	4	1,600	22	2,220	Fur.	N.F.	-	-	-
Do.	Southfield	Stamman	John Errington	No. 1	Splint, 1' 10"	L.	-	-	7x5	342	6x5	360	4	1,600	22	2,220	Fur.	N.F.	-	-	-
Do.	Southfield	Stamman	John Errington	No. 1	Splint, 1' 10"	L.	-	-	7x5	342	6x5	360	4	1,600	22	2,220	Fur.	N.F.	-	-	-
Do.	Southfield	Stamman	John Errington	No. 1	Splint, 1' 10"	L.	-	-	7x5	342	6x5	360	4	1,600	22	2,220	Fur.	N.F.	-	-	-
Do.	Southfield	Stamman	John Errington	No. 1	Splint, 1' 10"	L.	-	-	7x5	342	6x5	360	4	1,600	22	2,220	Fur.	N.F.	-	-	-
Do.	Southfield	Stamman	John Errington	No. 1	Splint, 1' 10"	L.	-	-	7x5	342	6x5	360	4	1,600	22	2,220	Fur.	N.F.	-	-	-
Do.	Southfield	Stamman	John Errington	No. 1	Splint, 1' 10"	L.	-	-	7x5	342	6x5	360	4	1,600	22	2,220	Fur.	N.F.	-	-	-
Do.	Southfield	Stamman	John Errington	No. 1	Splint, 1' 10"	L.	-	-	7x5	342	6x5	360	4	1,600	22	2,220	Fur.	N.F.	-	-	-
Do.	Southfield	Stamman	John Errington	No. 1	Splint, 1' 10"	L.	-	-	7x5	342	6x5	360	4	1,600	22	2,220	Fur.	N.F.	-	-	-
Do.	Southfield	Stamman	John Errington	No. 1	Splint, 1' 10"	L.	-	-	7x5	342	6x5	360	4	1,600	22	2,220	Fur.	N.F.	-	-	-
Do.	Southfield	Stamman	John Errington	No. 1	Splint, 1' 10"	L.	-	-	7x5	342	6x5	360	4	1,600	22	2,220	Fur.	N.F.	-	-	-
Do.	Southfield	Stamman	John Errington	No. 1	Splint, 1' 10"	L.	-	-	7x5	342	6x5	360	4	1,600	22	2,220	Fur.	N.F.	-	-	-
Do.	Southfield	Stamman	John Errington	No. 1	Splint, 1' 10"	L.	-	-	7x5	342	6x5	360	4	1,600	22	2,220	Fur.	N.F.	-	-	-
Do.	Southfield	Stamman	John Errington	No. 1	Splint, 1' 10"	L.	-	-	7x5	342	6x5	360	4	1,600	22	2,220	Fur.	N.F.	-	-	-
Do.	Southfield	Stamman	John Errington	No. 1	Splint, 1' 10"	L.	-	-	7x5	342	6x5	360	4	1,600	22	2,220	Fur.	N.F.	-	-	-
Do.	Southfield	Stamman	John Errington	No. 1	Splint, 1' 10"	L.	-	-	7x5	342	6x5	360	4	1,600	22	2,220	Fur.	N.F.	-	-	-
Do.	Southfield	Stamman	John Errington	No. 1	Splint, 1' 10"	L.	-	-	7x5	342	6x5	360	4	1,600	22	2,220	Fur.	N.F.	-	-	-
Do.	Southfield	Stamman	John Errington	No. 1	Splint, 1' 10"	L.	-	-	7x5	342	6x5	360	4	1,600	22	2,220	Fur.	N.F.	-	-	-
Do.	Southfield	Stamman	John Errington	No. 1	Splint, 1' 10"	L.	-	-	7x5	342	6x5	360	4	1,600	22	2,220	Fur.	N.F.	-	-	-
Do.	Southfield	Stamman	John Errington	No. 1	Splint, 1' 10"	L.	-	-	7x5	342	6x5	360	4	1,600	22	2,220	Fur.	N.F.	-	-	-
Do.	Southfield	Stamman	John Errington	No. 1	Splint, 1' 10"	L.	-	-	7x5	342	6x5	360	4	1,600	22	2,220	Fur.	N.F.	-	-	-
Do.	Southfield	Stamman	John Errington	No. 1	Splint, 1' 10"	L.	-	-	7x5	342	6x5	360	4	1,600	22	2,220	Fur.	N.F.	-	-	-
Do.	Southfield	Stamman	John Errington	No. 1	Splint, 1' 10"	L.	-	-	7x5	342	6x5	360	4	1,600	22	2,220	Fur.	N.F.	-	-	-
Do.	Southfield	Stamman	John Errington	No. 1	Splint, 1' 10"	L.	-	-	7x5	342	6x5	360	4	1,600	22	2,220	Fur.	N.F.	-	-	-
Do.	Southfield	Stamman	John Errington	No. 1	Splint, 1' 10"	L.	-	-	7x5	342	6x5	360	4	1,600	22	2,220	Fur.	N.F.	-	-	-
Do.	Southfield	Stamman	John Errington	No. 1	Splint, 1' 10"	L.	-	-	7x5	342	6x5	360	4	1,600	22	2,220	Fur.	N.F.	-	-	-
Do.	Southfield	Stamman	John Errington	No. 1	Splint, 1' 10"	L.	-	-	7x5	342	6x5	360	4	1,600	22	2,220	Fur.	N.F.	-	-	-
Do.	Southfield	Stamman	John Errington	No. 1	Splint, 1' 10"	L.	-	-	7x5	342	6x5	360	4	1,600	22	2,220	Fur.	N.F.	-	-	-
Do.	Southfield	Stamman	John Errington	No. 1	Splint, 1' 10"	L.	-	-	7x5	342	6x5	360	4	1,600	22	2,220	Fur.	N.F.	-	-	-
Do.	Southfield	Stamman	John Errington	No. 1	Splint, 1' 10"	L.	-	-	7x5	342	6x5	360	4	1,600	22	2,220	Fur.	N.F.	-	-	-
Do.	Southfield	Stamman	John Errington	No. 1	Splint, 1' 10"	L.	-	-	7x5	342	6x5	360	4	1,600	22	2,220	Fur.	N.F.	-	-	-
Do.	Southfield	Stamman	John Errington	No. 1	Splint, 1' 10"	L.	-	-	7x5	342	6x5	360	4	1,600	22	2,220	Fur.	N.F.	-	-	-
Do.	Southfield	Stamman	John Errington	No. 1	Splint, 1' 10"	L.	-	-	7x5	342	6x5	360	4	1,600	22	2,220	Fur.	N.F.	-	-	-
Do.	Southfield	Stamman	John Errington	No. 1	Splint, 1' 10"	L.	-	-	7x5	342	6x5	360	4	1,600	22	2,220	Fur.	N.F.	-	-	-
Do.	Southfield	Stamman	John Errington	No. 1	Splint, 1' 10"	L.	-	-	7x5	342	6x5	360	4	1,600	22	2,220	Fur.	N.F.	-	-	-
Do.	Southfield	Stamman	John Errington	No. 1	Splint, 1' 10"	L.	-	-	7x5	342	6x5	360	4	1,600	22	2,220	Fur.	N.F.	-	-	-
Do.	Southfield	Stamman	John Errington	No. 1	Splint, 1' 10"	L.	-	-	7x5	342	6x5	360	4	1,600	22	2,220	Fur.	N.F.	-	-	-
Do.	Southfield	Stamman	John Errington	No. 1	Splint, 1' 10"	L.	-	-	7x5	342	6x5	360	4	1,600	22	2,220	Fur.	N.F.	-	-	-

List of Coal Mines, Owners, &c., with the Mode of Working, Ventilation, &c., during the Year 1884—continued.

Name of Owner.	Name of Colliery.	Postal Address.	Name of Certificated Manager and Agent.	Name of Pit or Mine.	Name of Seam and Thickness.	Mode of Working in Long Walls, Sloop and Room.	No. of Persons employed.		Size and Depth of Downcast and Upcast Shafts.		Number of Splits or Currents.	Length of Currents in Yards.	Sectional Area of Airways in Feet.	Average Total Quantity of Air in Feet per Minute.	Mode of Ventilation.	Mey or Non-Mey.	REMARKS.	Persons killed.	Persons Injured.	
							Above Ground.	Below Ground.	Size in Feet.	Depth in Feet.										Size in Feet.
Bowman & Co.	Muiridge	Buckhaven, Fife	Arch. Bowman, junr.	No. 1 No. 2 No. 3	Eight feet, 5' Do. Chemiss, 10'	L. L. L.	28 168	15x6 10x5	480 162	10x5	240 438	1 2 2	1,600 1,300 1,140	1,600 6,600 4,000	Fan Fan Fan	N.F. N.F. N.F.	Fan 15' x 5' at No. 2 pit.	-	-	
Do.	Rosie	Do.	Do.	No. 1 No. 2	Eight feet, 5' Parrot	L. L.	89 231	17 1/2 x 9	600	12 1/2 x 9	600	1 2 3 4	1,200 1,000 700 800	12,000 6,600 8,000 4,000	St. Fan Fan Fan	N.E. N.F. N.F. N.F.	-	4		
Brand & Co.	Auldton and Ashgill	Dalsert, by Carluke.	Thos. Gardiner, junr.	Auldton Ashgill	Eil Main Splint	S. S.	30 163	18x6	540	14x5	430	1 2	1,000 1,400	13,800 10,800	Fan Fan	F. F.	Fan 18' 8" x 4' 10"	1	-	
Do.	Overtown Station.	Wishaw	Do.	No. 1	Main	S.	8 35	14x5	232	14x5	222	1 2	888 620	6,550 1,033	Fan Fan	F. F.	Fan 10' x 5'	-	-	
Brown, Thos., and Sons.	Largoward & Lathallan.	By St. Andrews	Thos. Ireland	No. 1	Splint	L.	2 11	15x5	90	-	-	1	-	-	-	-	-	-	-	-
Do.	Falfield	Do.	Do.	No. 2	Splint Cannel, and Cherry.	L.	11 68	13x5	150 210	8x4	120	2	720	10,000	Fur.	N.F.	(Two shafts).	-	-	
Brownrigg Coal Co.	Brownrigg	Airdrie	Hugh Bain	No. 1 No. 2	Upper Drumgray, 2' Do.	L. L.	3 7	8x5 11x5	90 144	5x5 9 1/2 x 5	100 135	1 1	1,950 1,020	8,000 3,500	Fur. Fur.	N.F. N.F.	-	-	-	
Bryson, Alex.	Brunstane	Penicuik	Alex. Bryson	No. 5 Brunstane	Do. Curley Craig	L. -	4 -	7 1/2 x 5 1/2	156	4 1/2 x 5 1/2	165	2	140	1,400	Nat.	N.F.	(Standing)	-	2	
Cadell, Henry	Grange	Bo'ness	Wm. Carey	No. 3 No. 4 No. 5 No. 6 No. 7	Parrot and Ironstone, 3' Six feet, 6' Main, 3' Parrot and Ironstone, 2'	L. L. L. L.	4 46 32	9 dia. 11 3/8 dia 7 x 6	228 336 690	8 dia. 8 dia. 9 dia.	190 212 132	1 2 3 1	1,466 1,188 966 800	4,600 12,000 5,400 5,330	Nat. Fur. Fan	N.F. F. N.F.	No. 4 mine dips 1 in 7. Fan 4' dia.	-	-	
Cadzow Coal Co. (Limited).	Cadzow	Hamilton	H. Smith, John Aitstone.	No. 1 No. 2 No. 3	Main, 4' Eil, 5' 6" Main, Eil, 6'	S. S. S.	11 15 12	23 1/2 x 7 21 1/2 x 6	804 737	- - 13 1/2 dia.	- - 577	1 2 2 3 1 1 1	3,830 3,500 3,660 5,350 5,400 7,000 7,130 6,860	98,000 50,000 14,000 25,000 23,500 34,000	Fan Fan Fan Fan Fan Fan Fan	F. F. F. F. F. F. F.	Fan 40' x 12 Fan 20' x 8'. Air from No. 2 main coal.	-	1	
Callendar Coal Co.	Callendar	Falkirk	Peter McBeth, A. MacDougall.	No. 8 No. 9 No. 10 No. 11 No. 3 No. 6	Coxrod, 3' Do, 2' 9" Splint - Coxrod Do.	L. L. L. L. L.	6 5 5 4 2 1	12x5 12x5 12x5 11x5 12x5	84 156 84 64 154	12x5 12x5 12x5 12x5 12x5	84 156 156 84 84	2 2 2 2 2 1	615 430 4680 1,800 10,860 5,280	6,460 4,680 1,800 10,860 5,280	Fan Fan Fan Fan Fan	N.F. N.F. N.F. N.F. N.F.	Fan 13 1/2 x 5'. Fan 16' x 5'. Pumping and upcast only.	1	-	

List of Coal Mines, Owners, &c., with the Mode of Working, Ventilation, &c., during the Year 1884—continued.

Name of Owner.	Name of Colliery.	Postal Address.	Name of Certificated Manager and Agent.	Name of Pit or Mine.	Name of Seam and Thickness.	Mode of Working.	No. of Persons employed.	Size and Depth of Downcast and Upcast Shafts.				Number of Splits or Currents.	Length of Curvents in Yards.	Sectional Area of Airways in Feet.	Average Total Quantity of Air in Feet per Minute.	Mode of Ventilation.	Key or Non-Key.	REMARKS.	Persons Killed.	Persons Injured.
								Downcast.		Upcast.										
				Above Ground.		Below Ground.		Size in Feet.	Depth in Feet.	Size in Feet.	Depth in Feet.									
Carfin Coal Co.	Carfin	By Motherwell	Robt. Gilmour, Robt. Ure.	No. 1	Ell, 4' 6" Main, 4' 6" Virtuewell, 8" Pyotshaw, 4' 10" Main, 3' Virgin, 3'	S.S. S.S. S.S. S.S. S.S. S.S.	16 24 20 33	17 24 20	13x6	66	—	—	1	1,400	8,000	Fan	N.F.	Virgin coal, 42' above Virtuewell, is worked by a stone mine from Virtuewell.	1	1
Carron Co.	Carronhall	Falkirk	Jas. Clelland, David Conn.	William	Main, 8' 11" Lower Corrod, 2' 7"	L. L.	16	90	9x7	291	381	1 1	3,406	7,560	Fur	N.F.	Fur in Corrod seam	1	1	
Clackmannan Coal Co.	Clackmannan	Clackmannan	Henry Terris	No. 5 No. 6 No. 14 No. 15 No. 1, Ferryton No. 2 No. 6, South-field. No. 7 No. 4 No. 5 No. 1	Crow Coal, 2' 4" Main, 3' 9" Cherry and Splint Do. Do. Do. Do. Virgin Ell Ell, 7'	S. S. L. L. L. L. L. L. S. S. S. S.	11 9 2 14 5 9 4 3 20 22	80 60 150 10x10 14x6 9x6 5x5 12x5 1/2 24x7	234 246 150 90 348 240 270 702	381 381 180 250 240	1 1 4 2 2	4,791 2,028	5,857 16,367	Fan Fur	N.F. N.F.	No. 4 pit is the downcast. Fan 1 1/2 dia. at No. 6 pit. Pumping pit. Abandoned 1884.	1	1		
Clelland Coal Co.	Clelland Town-head	By Motherwell	Jas. Simpson	No. 4	Do.	L.	6	18	5x5	270	180	1	200	10,000	Fan	F.	Sinking. Fan (Standing).	1	1	
Clyde Coal Co. (Limited).	Townlands	Hamilton	Robt. Beith	No. 1	Ell, 7'	S.	22	105	24x7	702	—	3	1,690	1,088	Fan	F.	Forcing fan, 90' dia., 50 rev. p. min., W.G. 8/10 upcast by Wellhall pit.	1	2	
Do.	Beckmuir	Do.	Do.	No. 2	Do, 6' 9"	S.	22	85	24x7	660	660	1 2	2,966	5,984	Fan	F.	Fan 20' at No. 3 pit, 70 rev. p. min. W.G. 9/10.	2	2	
Do.	Wellhall	Do.	Do.	No. 1	Ell, 6' 9"	S.	—	—	—	—	682	—	2,000	9,400	—	—	Coals drawn at Townlands.	—	—	
Colquhoun, John	Barnsmuir	Stamannan	Do.	No. 1 No. 2	Upper Drumgray, 2' Do.	L. L.	8 3	49	6x5 1/2 7 1/2 x 5	120 96	140 96	2 2	580	3,950	St. jet	N.F.	—	—	—	
Colfiness Iron Co. (Limited).	Stonecraigs	Newmains	W. W. Muir	No. 1 No. 4	Ell Main, Pyotshaw Splint	S. S. S.	6 4 9	18 40 66	13x5 18x6 —	118 140 253	135 154 325	1 1 1 2	717	8,500	Nat. Fan	N.F.	Fan 12'.	1	1	
Do.	Greenhead	Do.	Do.	No. 3 No. 5 No. 6	Ell Main, Pyotshaw Splint	S. S. S.	1 2 2	6	13x5 1/2 14x6 11x6	282 294 307	294 324 307	1 1 1	970	9,800	Fur	N.F.	Pumping pit.	—	—	
Do.	Sunnistide	Do.	Do.	No. 7 No. 1	Ell Main, Pyotshaw Splint	S. S. S.	3 8 5	10	4 9/16 x 4 1/2 15x6 —	125 140 216	141 216 216	1 1 2	470	1,750	Fan	F.	Stopped. Fan 18'.	1	1	
Do.	Collyshot	Do.	Do.	No. 2 No. 1	Ell Pyotshaw and Main Splint, 3' 9"	S. S. S.	4 11 13	13	8x4 1/2 18x6 —	52 220	70	1 1 1	400	3,550	Fur	N.F.	Forcing fan 18', 6" Upcast by mine to surface.	1	2	

List of Coal Mines, Owners, &c., with the Mode of Working, Ventilation, &c., during the Year 1884—continued.

Name of Owner.	Name of Colliery.	Postal Address.	Name of Certificated Manager and Agent.	Name of Pit or Mine.	Name of Seam and Thickness.	Mode of Working.	No. of Persons employed.	Size and Depth of Downcast and Upcast Shafts.		Number of Splits or Currents.	Length of Currents in Yards.	Sectional Area of Airways in Feet.	Average Total Quantity of Air in Feet per Minute.	Mode of Ventilation.	Persons killed.	Persons injured.	REMARKS.
								Downcast.	Upcast.								
				Size in Feet.		Depth in Feet.		Size in Feet.		Depth in Feet.							
Coltness Iron Co. (Limited).	Orindledyke	Newmains	W. W. Muir	No. 2	Virtuewell	L.	1	12x5	102	7 dia.	117	3,980	12,000	Fur.	1	2	Pumping pit.
Do.	Foulykes	Do.	Do.	No. 1	Do., 2' 8"	L.	9	13x6	298	8	228	2,156	6,500	Fur.	1	1	Fan 14' x 6'.
Do.	Garriongill	Do.	Jno. Wardrop	No. 1	Main	S.	4	13x5 1/2	468	7 x 5	468	2,776	7,000	Fur.	1	1	Fan 14' x 6'.
				No. 4	Virtuewell	S.	10	13x5 1/2	210	7 x 5	188	2,753	23,000	Fur.	1	1	Fan 14' x 6'.
				No. 9	EH	S.	6	9x6	716	8 x 6	156	200	12,200	Fur.	1	1	Fan 14' x 6'.
					Main	S.	12	—	246	—	324	460	6,000	—	1	1	Stopped.
					Splint	S.	14	—	324	—	324	—	—	—	1	1	Stopped.
Do.	Father	Do.	Do.	No. 3	Do.	S.	2	15x5 1/2	264	8x6	264	200	6,800	Fur.	1	1	Fan 14' x 6'.
Do.	Ladylands	Shotts	Wm. Jeffrey	No. 1	Shotts Furnace	L.	12	8x6	—	7 1/2 x 6	39	280	7,400	Nat.	1	1	(Ingoing eye.)
Do.	Ross	Hamilton	D. Jackson	No. 2	Splint and Virgin, 9' 3"	S.	11	14x6	513	14x6	513	901	21,500	Fan	1	1	Fan 21' dia.
Do.	Woodend	Armadale, by Bathgate.	D. Cra	No. 4	Main	S.	14	5 1/2	306	5	314	—	—	Fur.	1	1	Fan 15' x 6'.
					Ball and B.B.	S.	14	16x6	252	14x5	255	1,980	28,000	Fan	1	1	Fan 15' x 6'.
					Ironstone	L.	14	10x5	182	4x5	255	350	9,000	—	1	1	Fan 15' x 6'.
					Main	L.	6	16x6	546	14x5	511	960	4,126	Fur.	1	1	Fan 15' x 6'.
Do.	Blairhall	East Grange, Culross.	R. Wilson	No. 1	Main	L.	3	16x6	546	7x5	52	—	—	—	1	1	Fan 17' x 7'.
Cornsillock Coal Co.	Cornsillock	Larkhall	James Mathie	Cornsillock	EH, 6'	S.	10	8x5 1/2	498	11x5 1/2	498	3,000	10,500	Fan	1	1	Fan 17' x 7'.
					Main, 4' 4"	S.	8	—	—	11x5 1/2	594	2,400	6,500	Fan	1	1	Air from Millburn Pit.
					Splint, 4' 6"	S.	7	13x5 1/2	180	12x5 1/2	78	1,840	4,800	—	1	1	Main Coal.
					EH, 5'	S.	7	—	—	—	—	—	—	—	1	1	Worked by a mine from Fur. at Skellyton pit.
					Main, 4' 4"	S.	19	—	—	—	—	—	—	—	1	1	Fur. at Skellyton pit.
Cowdenbeath Coal Co.	Cowdenbeath	By Dunfermline	D. Anderson, Henry Mungall.	No. 3	Fourteen feet	L.	81	16x10	312	14x5 1/2	648	5,038	21,600	Fan	1	4	Fan 24' x 8'
					Five feet	L.	—	—	—	—	—	3,423	13,680	—	1	1	Fan 24' x 8'
					Myraheer	L.	—	—	—	—	—	3,080	10,500	—	1	1	Pumping pit.
					Dunfermline Splint	L.	—	—	—	—	—	1,282	9,600	—	1	1	Fan 10' dia.
					Do.	L.	—	—	—	—	—	3,586	10,800	—	1	1	Fan 20' x 5 1/2'
					Lochgelly Splint and Parrot.	S.	—	—	—	—	—	—	—	—	1	1	Pumping pit.
					Dunfermline Splint	L.	4	14x6	917	4 1/2 x 6	917	—	13,750	Fan	1	1	Fan 10' dia.
Do.	Lumphinnans	Cowdenbeath, Fife	Peter Cummings, Henry Mungall.	No. 1	Lochgelly Splint & Parrot.	L.	54	16x5 1/2	612	10x5 1/2	450	920	9,600	Fan	1	1	Fan 20' x 5 1/2'
					Dunfermline Splint	L.	—	—	—	—	—	1,885	10,080	—	1	1	Fan 20' x 5 1/2'
					5 feet	L.	—	—	—	—	—	1,925	12,960	—	1	1	Fan 20' x 5 1/2'
					Myraheer	L.	—	—	—	—	—	8185	6,480	—	1	1	Air from No. 1.
					Lesmahagow Channel	L.	—	—	—	—	—	1,248	—	—	1	1	Abandoned 1884.
Craigieghan Gas Coal Co.	Craigieghan	By Lanark	Thos. Watson, jun.	Craigieghan Blair Mine	Do.	—	—	—	—	—	—	—	—	—	—	—	Abandoned 1884.

List of Coal Mines, Owners, &c., with the Mode of Working, Ventilation, &c., during the Year 1884—continued.

Name of Owner.	Name of Colliery.	Postal Address.	Name of Certificated Manager and Agent.	Name of Pit or Mine.	Name of Seam and Thickness.	Mode of Working.	No. of Persons employed.		Size and Depth of Downcast and Upcast Shafts.			Number of Splits or Currents.	Length of Curves in Yards.	Sectional Area of Airways in Feet.	Average Total Quantity of Air in Feet per Minute.	Mode of Ventilation.	Flew or Non-flew.	REMARKS.	Persons Killed.	Persons Injured.	
							Above Ground.	Below Ground.	Size in Feet.	Depth in Feet.	Size in Feet.										Depth in Feet.
Crowe, John Darling, Wm. (Trustees of late)	Brora - Clough	Sutherland - Fortli, by Lanark	John Crowe - Wm. Hogg	No. 1 - No. 5	Wilsontown Gas Crow	L. - L.	-	-	13x5	155	-	-	500	-	-	-	-	-	Stopped 9th January 1884 " 31st " "	1	-
									13 1/2 x 5 1/2	312	-	-	-	-	-	-	-	-			
Darling, John	Chimpy	Do.	Do.	No. 9 - No. 10	Do. Gas Do.	L. - L.	-	-	13x5	156	12x5	62	150	20	2,050	Fur.	N.F.	Upcast by No. 5.	-	-	
									6x4	81	15x5 1/2	111	566	20	2,916	-	N.F.				
Darling, James	Caldenhead	Shotts	Jas. Darling	High No. 4	Shotts Gas Do.	L. - L.	-	-	4x4	-	11x5	84	900	16	4,500	Fur.	N.F.	Fan 16'	-	-	
									11x5	66	13x6	180	2,600	60	30,000	-	N.F.				
Deans and Moore	Carberry	Inveresk	Jos. Moore	No. 1	Great 8'	S. - S.	-	-	14x5	420	13x5	420	2,600	60	30,000	Fan	N.F.	Fan 16'	-	2	
									14x5	420	13x5	420	2,600	60	30,000	-	N.F.				
Do.	Bilbyford	-	Do.	-	Spint, 3'	L. - L.	-	-	6x5 1/2	-	15x5	120	2,000	20	12,000	Fur.	N.F.	Fan 16'	-	-	
									14x5	102	14x5	162	2,000	20	20,000	-	N.F.				
Denend Coal Co.	Denend	Curdend, by Lochgelly.	David Thomson and Agent.	No. 1	Lochgelly Spint, Davie.	L. - S.	-	-	14x6	432	14x5	432	-	-	-	Fur.	N.F.	-	-	-	
									14x6	432	14x5	432	-	-	-	-	-				-
Devon Valley Coal Co.	Blairgongie	Dollar	W. M. Penman	No. 2	Little Coal, Smithy Main Coal & Fireclay	L. - S.	-	-	6x5 1/2	168	5 1/2 x 4	168	-	-	-	Fur.	N.F.	-	-	-	
									6x5 1/2	168	5 1/2 x 4	168	-	-	-	-	-				-
Dick, Matt. J.	Biggarford	Onos, by Motherwell.	Matt. J. Dick	No. 1	Virtuewell, 2 1/2'	L. - L.	-	-	6x6	210	6x4	210	500	18	3,000	St. jet	F.	-	-	1	
									6x6	210	6x4	210	500	18	3,000	-	F.				
Dick, Robert	Wyndedge	do.	Robt. Dick	No. 4	Virtuewell, 3'	L. - L.	-	-	5 1/2 x 5 1/2	102	5x5 1/2	102	1,400	16	3,500	Fur.	N.F.	Fan 15'	-	-	
									5 1/2 x 5 1/2	102	5x5 1/2	102	1,400	16	3,500	-	N.F.				
Dixon, William (Limited)	Carlin	Motherwell	Jas. Russell	No. 2	Ell. Main Spint, 4'	S. - S.	-	-	15x5 1/2	425	16x8	372	2,500	40	8,240	Fan	F.	Fan 15'	-	-	
									15x5 1/2	425	16x8	372	2,500	40	8,240	-	F.				
Do.	Cleland	Do.	Do.	No. 3	Ell.	S. - S.	-	-	9x6	240	9x6	240	330	40	2,000	Fan	F.	Fan 17' x 7'	-	-	
									9x6	240	9x6	240	330	40	2,000	-	F.				
Do.	Blantyre	High Blantyre	S. Thomas	No. 1 - No. 2	Ell, 5' Spint, 6'	L. - S.	-	-	24x8	702	10 dia.	702	2,110	36	18,000	Fan	F.	Fan 45' at Nos. 2 & 5 pits	3	-	
									24x8	702	10 dia.	702	2,110	36	18,000	-	F.				
Do.	Blantyre	High Blantyre	S. Thomas	No. 3	Ell, 6'	L. - L.	-	-	16x8	862	16x8	780	1,500	45	18,700	Fan	F.	-	-	-	
									16x8	862	16x8	780	1,500	45	18,700	-	F.				
Do.	Blantyre	High Blantyre	S. Thomas	No. 4	Main, 4' 6" Spint, 4' 6"	L. - L.	-	-	16x8	840	16x8	785	1,850	40	15,500	Fan	F.	-	-	-	
									16x8	840	16x8	785	1,850	40	15,500	-	F.				
Do.	Blantyre	High Blantyre	S. Thomas	No. 4	Spint, 4' 6"	L. - L.	-	-	16x8	786	16x8	750	2,350	45	10,000	Fan	F.	-	-	-	
									16x8	786	16x8	750	2,350	45	10,000	-	F.				





List of Coal Mines, Owners, &c., with the Mode of Working, Ventilation, &c., during the Year 1884—continued.

Name of Owner.	Name of Colliery.	Postal Address.	Name of Certificated Manager and Agent.	Name of Pit or Mine.	Name of Seam and Thickness.	Mode of Working.	No. of Persons employed.	Size and Depth of Downcast and Upcast Shafts.				Number of Splits or Currents.	Length of Currents in Yards.	Sectional Area of Airways in Feet.	Average Total Quantity of Air in Feet per Minute.	Mode of Ventilation.	Persons killed.	Persons injured.
								Downcast.	Upcast.	Downcast.	Upcast.							
Glasgow Iron Co.	Wishaw	Wishaw	John G. Muir	Overjohnstone Shieldmuir Netherjohnstone.	Splint, 3' 8" Do. Main, 4' Splint, 4'	S. S. S.	7 13 13	34 51	5 1/2 x 5 12 x 5 1/2 461	324 450 461	324 — —	1 1 2	1,650 1,800 1,900	16 16 16	8,768 16,415	Fan Fan Fan	—	—
Do.	Parkhead	Motherwell	Do.	Parkhead	Main, 9' 8"	S.	30	172	13 x 8	461	460	1	1,900 1,200	32 33	32,585	Fan	1	—
Do.	Fairholm	Quarter, Hamilton	Robt. Wilson	No. 15	Splint, 5' 3"	S.	17	78	8 1/2 x 6	378	384	1	2,660	32	8,500	Fan	—	—
Do.	Gilmerton	Loonhead, Edinburgh.	Jno. Mc-Gowan.	No. 24	North Greens, 4 1/2' Taffs Parrot, 1 1/4' No. 2 Ironstone, 1 1/2'	L.	31	84	9 x 5	300	480	1	3,350	24	13,900	Stm.	—	—
Do.	Roslin	Lasgavade, Edinburgh.	Jos. Thomson	No. 34	Gas Coals Ironstone, 1 1/2'	L.	27	96	6 x 7	546	546	2	492 1,200	25	2,654 3,988	Stm.	—	—
Glenore Coal Co.	West Glenore	Airdrie	James Muir, John Murray.	No. 1	Gillespie Coal, 3' Kilnquae Dumkay No. 7 Kilnquae Virtuewell No. 8 Kilnquae	S. L. L. L. L. L. L.	4 5 8 5	26 65 40 28	7 x 5 8 x 5 6 x 5 8 x 5 1/2	120 90 30 180	127 97 40 190	2	483 1,166 1,500 1,500	11	1,800	Fur.	—	—
Grayrigg Coal Co.	Grayrigg	Slamannan	A. Thomson, Thos. Thomson.	No. 1	Corrod, 2 3/4'	L.	8	30	10 x 5	108	206	1	660	20	3,960	Fur.	—	—
Goodall, Jas., & Sons.	Cardenden	By Lochgelly, Fife	Wm. Dryburgh	Adam James, No. 1.	14 feet, 6"	L.	3	11	—	—	126	1	980	16	3,700	Fur.	—	—
Goodall, Bros.	Begg	By Kirkcaldy	Wm. Goodall	Do. No. 2	Lochgelly Splint, 3' 9"	L.	8	38	16 x 6	288	150	2	600	20	7,000	Fur.	—	—
Grangemouth Coal Co.	Grangemouth	Grangemouth	John Weir, Geo. Mackay.	Alice	Black & Parrot	L.	7	70	9 x 5	246	150	2	600	20	7,000	Fur.	—	—
				Zetland	Main	L.	18	66	—	—	253	1	988 1,150 1,880	32 26 16	5,640 5,250 1,000	Fan	—	—
				Lady	Corrod	L.	18	76	12 1/2 dia.	276	328	2	1,088 2,062	16 26	4,800 5,250	—	—	—
				Barony	Upper Splint Lower Main Under Corrod	L. L. L.	10	44	12	240	—	1	1,320 1,900	32 27	3,960 2,750	—	—	—
				Palace	Splint Main	L. L.	12	50	12	324	—	1	1,720 1,012	16 18	2,320 4,400	—	—	—
				Towncroft	Corrod Crow	L. L.	8	48	9	240	246	1	842 616	16 20	4,800 3,000	Fur.	—	—
Gray, Thos.	Chapel	Newmains	W. Turner	No. 6	Virtuewell, 3' 9" Drumgray (Lower), 2' 9"	S. S.	14	68	13 x 5 1/2	360	270	1	600	20	26,000	Fan	—	—
Do.	Watsonfoot	Do.	Do.	No. 1	Drumgray (Lower), 2' 6" to 3' 4"	S.	5	37	12 x 5 1/2	138	138	1	300	18	12,000	Fur.	—	—
Grierson, Thos.	Glebe	Douglas	Thos. Grierson	Glebe	7 feet Seam	S.	4	10	8 x 8	760	760	1	900	84	5,000	Fur.	—	—
Grieve, J. and C.	Prestonlinks	Prestonpans	N. McChalm	Prestonlinks	Great Seam Upper Clay Under do.	S.	—	—	—	—	—	—	—	—	—	—	—	1

List of Coal Mines, Owners, &c., with the Mode of Working, Ventilation, &c., during the Year 1884—continued.

Name of Owner.	Name of Colliery.	Postal Address.	Name of Certificated Manager and Agent.	Name of Pit or Mine.	Name of Seam and Thickness.	Mode of Working, Size of Wall, Skip and Room.	No. of Persons employed.		Size and Depth of Downcast and Upcast Shafts.				Number of Spliffs or Currents.	Length of Currents in Yards.	Sectional Area of Airways in Feet.	Average Total Quantity of Air in Feet per Minute.	Mode of Ventilation.	Key or Non-Key.	REMARKS.	Persons killed.	Persons injured.
							Above Ground.	Below Ground.	Downcast.	Upcast.	Depth in Feet.	Size in Feet.									
Hamilton McCulloch, & Co.	Bog	By Hamilton	John Grant	Nos. 1 & 2	Ell, 6'	S.	39	128	—	—	450	1 1/2 x 6	—	8,100	60	15,000	Fan	F.	Fan 80' x 10'	1	2
Do.	Home Farm	Do.	Do.	No. 3	Main, 6'	S	—	—	504	—	—	—	2,400	64	21,400	—	—	—	—	—	—
Do.	Do.	Do.	Do.	No. 1	Splint, 4'	S	32	189	382	—	—	—	1,750	32	16,500	—	—	—	—	—	—
Do.	Do.	Do.	Do.	No. 2	Main, 4'	S	10	58	354	—	—	—	4,200	50	31,000	—	—	—	—	—	—
Do.	Do.	Do.	Do.	No. 2	Splint, 4'	S	20	84	461	—	—	—	4,800	45	11,000	Fur.	F.	Not working.	2	3	
Do.	Do.	Do.	Do.	No. 2	Ell, 6'	S	3	15	282	—	—	—	2,100	40	9,300	—	—	—	—	—	—
Hamilton, John, & Co.	Poniel	By Lesmahagow	Thos. H. Brown	No. 1	3 feet 4 feet	L.	5	16	108	11 1/2	162	11 x 6	282	760	10,200	—	—	—	—	—	—
Hay, Matthew, & Son.	Stanerigg	Stannan	Jno. McCulloch	Nos. 3 & 4	Coxrod	L.	7	27	60	12 x 5	60	12 x 5	—	2,090	20	2,500	Fur.	N.F.	—	—	—
Do.	Jawraig	Do.	Do.	No. 15	Do.	L.	9	31	40	12 x 5	81	12 x 5	—	632	20	2,700	Fur.	N.F.	—	—	—
Haywood Gas Coal Co.	Haywood	By Lanark	Wm. Archibald, R. Johnstone.	No. 4	Gas Coal, 2'	L.	16	45	442	14 x 6	—	—	—	1,760	16	8,000	Fan	N.F.	Fan, 163'	—	—
Do.	Do.	Do.	Do.	No. 5	Main, 4'	L.	14	72	300	—	—	—	1,670	30	12,000	Fan	N.F.	—	—	—	
Do.	Do.	Do.	Do.	No. 6	Do.	S	4	30	283	10 x 5 1/2	280	—	—	300	30	8,000	Fur.	N.F.	—	—	—
Do.	Do.	Do.	Do.	No. 8	Do.	S	6	44	120	12 x 6	130	14 x 6	—	760	36	10,000	Fur.	N.F.	—	—	—
Do.	Do.	Do.	Do.	No. 10	Gas Coal	L.	16	118	450	16 x 6	450	—	—	1,400	20	15,000	Fan	N.F.	—	—	—
Henderson, Robt.	Foulshields	West Calder	R. Henderson	Stoneyburn	Wilstontown Main, 6'	S.	8	50	210	4 x 5	210	4 x 5	—	360	15	4,800	Fur.	N.F.	—	—	—
Hendrie, John	Maryville	Uddingstone	James McNeil	No. 1	Main	L.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Do.	Do.	Do.	Do.	No. 1	Splint	L.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Herd, Walter	Haugthead	Do.	Do.	No. 1	Virgin	L.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Do.	Dunnikier	Kirkcaldy	Peter Herd	Lena	Splint	S.	2	4	888	2 1/2 x 6	480	—	—	2,600	24	4,500	Fan	F.	Abandoned, 1884.	—	—
Do.	Do.	Do.	Do.	No. 1	Black and Parrot	L.	8	58	440	21 x 6	—	—	—	1,200	24	10,500	Fur.	N.F.	Fan 14 1/2 x 4'	—	—
Hood, Archd.	Dalhousie	Rosewell, by Edinburgh.	John Begg	Punny, No. 1.	3 feet	L.	3	33	368	9 x 5	440	5 x 4 1/2	—	1,575	20	7,500	Fur.	N.F.	—	—	—
Do.	Do.	Do.	Do.	Do. No. 2.	Black and Parrot	L.	8	39	516	16 x 7	504	12 x 5	—	1,280	23	8,500	Fur.	N.F.	—	—	—
Do.	Do.	Do.	Do.	Dalhousie	Great, 2' 2"	L.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Do.	Do.	Do.	Do.	Whitehill	Parrot Rough, 3' 3"	L.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Do.	Do.	Do.	Do.	Whitehill	Great, 6'	L.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Do.	Do.	Do.	Do.	Whitehill	Diamond, 8' 3"	L.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Do.	Do.	Do.	Do.	Whitehill	Diamond, 3' 6"	L.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Do.	Do.	Do.	Do.	Whitehill	Splint, 2' 4"	L.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Do.	Do.	Do.	Do.	Whitehill	Jewel, 2' 3"	L.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hudspeth, Wm., & Co.	Green	Wishaw	Henry Danks	Nos. 1 and 2	Ell, 6' to 7 1/2'	S	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Do.	Do.	Do.	Do.	No. 1	Main & Pyotshaw, 6'	S	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Do.	Do.	Do.	Do.	No. 2	Splint, 4' 6"	S	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Johnstone, R.	Edgehead	Dalkeith, near Edin.	R. Johnstone	Bramble	Rough	L.	2	6	66	8 x 4	144	8 x 6	—	180	16	6,000	Fur.	N.F.	—	—	—
Kerr and Mitchell	Glenclelland	Motherwell	Thos. Dewar	No. 1	Splint, 3' 3"	S.	16	58	420	13 x 5 1/2	420	13 x 5 1/2	—	1,384	48	9,050	Fan	F.	Fan 20' x 7'	—	—
Do.	Do.	Do.	Do.	No. 2	Main, 5'	S.	14	75	168	7 x 5	—	—	—	827	60	8,000	—	—	—	—	—
Do.	Do.	Do.	Do.	No. 2	Main, 5'	S.	14	75	168	7 x 5	—	—	—	883	60	16,100	—	—	—	—	—

List of Coal Mines, Owners, &c., with the Mode of Working, Ventilation, &c., during the Year 1884—continued.

Name of Owner.	Name of Colliery.	Postal Address.	Name of Certificated Manager and Agent.	Name of Pit or Mine.	Name of Seam and Thickness.	Mode of Working.	No. of Persons employed.		Depth of Downcast Shaft.	Size and Depth of Downcast and Upcast Shafts.		Number of Splits or Currents.	Length of Currents in Yards.	Sectional Area of Airways in Feet.	Average Total Quantity of Air in Feet per Minute.	Mode of Ventilation.	Machinery or Non-Machinery.	REMARKS.	Persons killed.	Persons Injured.			
							Above Ground.	Below Ground.		Downcast.	Upcast.												
Kinneil Iron and Coal Co., Limited.	Kinneil.	Bo'ness.	And. Nisbet.	Snab No. 1	Upper Ironstone, 27"	L.	20	95	540	10x5	—	1	900	25	4,000	Fan	F.	Fan 25' x	—	2			
				Snab No. 2	Four Coal, 4' 6"	S.	—	—	444	—	—	—	3	2,250	—	—	—	—	—	—	—	—	
				No. 24	Upper Ironstone, 27"	L.	15	58	72	283	14x6	—	1	1,120	18	18	6,000	Fur.	F.	Corbiehall pit. is the Downcast. Two shafts	—	1	
				Schoolyard	Parrot Coal (8' to 10'), 2' 3"	S.	11	50	450	446	10x5 1/2	—	1	1,500	20	20	12,000	Fur.	F.	—	—	—	
Lacour and Watson.	West Limerigg.	Slamannan.	—	No. 18	Smithy, 2' 10"; Main, 4' 6"	L.	13	120	672	6x3 1/2	322	4	1,100	20	20,000	Fan	F.	Fan	—	1			
				No. 1	Corrod	L.	—	—	—	—	—	—	—	—	—	—	—	—	—	Abandoned 1884.	—	—	
				No. 2	Splint	L.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
				No. 4	Eight feet.	L.	35	125	498	270	12x5 1/2	—	—	—	—	—	—	—	—	—	—	—	
				No. 6	Five feet, Splint	L.	6	8	270	270	8x6	—	—	—	—	—	—	—	—	—	—	—	
				No. 9	Three feet	L.	—	—	498	270	12x5 1/2	—	—	—	—	—	—	—	—	—	—	—	
				Mine	Splint	L.	21	70	20	270	12x5 1/2	—	—	—	—	—	—	—	—	—	—	—	
				No. 2	Upper Drumgray	L.	14	51	144	140	6 1/2 x 5	—	—	—	2	300	16	4,500	Fur.	N.F.	Air from No. 4 pit.	—	—
				No. 4	Upper do.	L.	10	43	144	140	6 1/2 x 5	—	—	—	1	400	16	12,700	Fan	N.F.	Fan 16' dia. x 6'.	—	—
				No. 5	Lower Drumgray	L.	6	30	54	54	4 x 5	—	—	—	1	360	16	6,850	Nat	N.F.	—	—	
Legbrannock District Collieries Co. (Limited).	Legbrannock	Holytown.	Robt. Stewart.	No. 5	Prothman, 3'	L.	9	65	354	15x5	330	2	1,086	25	8,540	Fur.	F.	—	—	—			
				Mine	Upper Drumgray	L.	14	51	144	140	6 1/2 x 5	—	—	—	—	—	—	—	—	—	—		
				No. 2	Upper do.	L.	10	43	144	140	6 1/2 x 5	—	—	—	1	400	16	12,700	Fan	N.F.	Fan 16' dia. x 6'.	—	—
				No. 4	Lower Drumgray	L.	6	30	54	54	4 x 5	—	—	—	1	360	16	6,850	Nat	N.F.	—	—	
				No. 5	Prothman, 3'	L.	9	65	354	330	15x5	—	—	—	2	1,086	25	8,540	Fur.	F.	—	—	
				Mine	Upper Drumgray	L.	14	51	144	140	6 1/2 x 5	—	—	—	—	—	—	—	—	—	—	—	
				No. 2	Upper do.	L.	10	43	144	140	6 1/2 x 5	—	—	—	1	400	16	12,700	Fan	N.F.	Fan 16' dia. x 6'.	—	—
				No. 4	Lower Drumgray	L.	6	30	54	54	4 x 5	—	—	—	1	360	16	6,850	Nat	N.F.	—	—	
				No. 5	Prothman, 3'	L.	9	65	354	330	15x5	—	—	—	2	1,086	25	8,540	Fur.	F.	—	—	
				Mine	Upper Drumgray	L.	14	51	144	140	6 1/2 x 5	—	—	—	—	—	—	—	—	—	—	—	
Limerigg Coal Co. (Limited).	Limerigg	Slamannan.	Wm. Roy and Agent.	No. 1	Lady Grange, 2'	L.	3	17	115	—	120	2	600	12	3,600	—	N.F.	—	—	—			
				Mine	Upper do.	L.	10	43	144	140	6 1/2 x 5	—	—	—	1	400	16	12,700	Fan	N.F.	Fan 16' dia. x 6'.	—	—
				No. 4	Lady Grange, 2'	L.	3	22	232	302	4 1/2 x 5	—	—	—	1	800	10	3,500	Fur.	N.F.	—	—	
				No. 5	Corrod, 22 1/2'	L.	6	33	270	290	4 1/2 x 5	—	—	—	1	800	14	3,600	Fur.	N.F.	—	—	
				Mine	Upper do.	L.	10	43	144	140	6 1/2 x 5	—	—	—	1	400	16	12,700	Fan	N.F.	Fan 16' dia. x 6'.	—	—
				No. 5	Lady Grange, 2'	L.	6	32	48	68	4 1/2 x 5 1/2	—	—	—	1	1,000	14	4,400	Fur.	N.F.	—	—	
				Mine	Upper do.	L.	10	43	144	140	6 1/2 x 5	—	—	—	1	400	16	12,700	Fan	N.F.	Fan 16' dia. x 6'.	—	—
				No. 5	Corrod, 22 1/2'	L.	6	33	270	290	4 1/2 x 5	—	—	—	1	800	14	3,600	Fur.	N.F.	—	—	
				Mine	Upper do.	L.	10	43	144	140	6 1/2 x 5	—	—	—	1	400	16	12,700	Fan	N.F.	Fan 16' dia. x 6'.	—	—
				No. 5	Lady Grange, 2'	L.	6	32	48	68	4 1/2 x 5 1/2	—	—	—	1	1,000	14	4,400	Fur.	N.F.	—	—	
Lochgelly Iron and Coal Co. (Limited).	Lochgelly	Lochgelly, Fife	Jno. Anderson and Agent.	Eliza	Lochgelly Splint and Parrot, 14 feet.	L.	32	125	600	11x8 1/2	309	1	2,300	36	10,000	Fan	N.F.	Fan 30' dia. at Spittal pit.	—	—			
				Nellie	4' 6" Do. and 5 feet 4" Myrhaer; glass coal.	L.	40	245	672	12 dia.	—	—	—	1	2,530	36	9,428	Fan	N.F.	Fan 17' dia. at Round Pit	—	2	
				Mine	Upper do.	L.	10	43	144	140	6 1/2 x 5	—	—	—	1	400	16	12,700	Fan	N.F.	Fan 16' dia. x 6'.	—	—
				No. 11	Little Splint	L.	8	37	334	323	9x5	—	—	—	—	—	—	—	—	—	—	—	
				Mary, No. 1	—	L.	6	11	180	150	9x5	—	—	—	—	—	—	—	—	—	—	—	
				Do, No. 2	—	L.	5	9	150	120	10x5	—	—	—	—	—	—	—	—	—	—	—	
				Melgund	Lochgelly Splint and Parrot.	L.	98	169	600	480	17x5 1/2	—	—	—	—	—	—	—	—	—	—	—	
				Do.	Myrhaer	L.	40	245	672	12 dia.	—	—	—	—	—	—	—	—	—	—	—	—	
				Mine	Upper do.	L.	10	43	144	140	6 1/2 x 5	—	—	—	—	—	—	—	—	—	—	—	
				No. 11	Little Splint	L.	8	37	334	323	9x5	—	—	—	—	—	—	—	—	—	—	—	
Lochore and Caplethrae Coal Co., Limited.	Caplethrae	By Lochgelly, Fife	D. Ferguson	No. 8 Mine	Dunfermline Splint, 5'	L.	53	175	1,890	16x6	1,380	1	2,680	25	9,200	Fan	F.	Fan at No. 1 mine. Mines dipping 1 in 24.	—	—			
				No. 1 do.	Caplethrae Cannel Co. Do.	L.	3	2	—	—	—	—	—	—	—	—	—	—	—	—	—		
				Mine	Upper do.	L.	10	43	144	140	6 1/2 x 5	—	—	—	—	—	—	—	—	—	—		

List of Coal Mines, Owners, &c., with the Mode of Working, Ventilation, &c., during the Year 1884—continued.

Name of Owner.	Name of Colliery.	Postal Address.	Name of Certificated Manager and Agent.	Name of Pit or Mine.	Name of Seam and Thickness.	Mode of Working.	No. of Persons employed.		Size and Depth of Downcast and Upcast Shafts.				Number of Splits or Currents.	Length of Currents in Yards.	Sectional Area of Airways in Feet.	Average Total Quantity of Air in Feet per Minute.	Mode of Ventilation.	Piers or Non-Piers.	REMARKS.	Persons killed.	Persons injured.	
							Above Ground.	Below Ground.	Downcast.	Upcast.	Depth in Feet.	Size in Feet.										Depth in Feet.
Logan, John, & Sons	Candie	By Linlithgow	John Logan	No. 3	Splint, 21' Mid Corrod Soft; Mid; Splint	L.	7	55	13 1/2 x 5 1/2	216	13 1/2 x 5 1/2	216	4	770	7,387	Fur.	N.F.	-	-	1	-	
Loganlea Coal Co.	Loganlea	West Calder	Jas. Strachan	Standburn	-	L.	2	19	9 x 5	156	13 x 5	156	2	650	4,423	Fur.	N.F.	-	-	1	-	
Lothian, Marquis of.	Newbattle	Dalkeith	Robt. Armstrong Jno. Morrison.	Dickson's	Wilsontown Main, 5' 8"	S.	10	36	15 1/2 x 5 1/2	342	12 x 5	220	2	1,500	8,032	Fur.	N.F.	-	-	1	-	
				Engine	Parrot 3' 6"	L.	20	145	14 x 6	624	10 dia.	240	1 2 3 4	2,800 2,465 2,365 1,930	36,460	Fan	N.F.	Fan 30' x 10'	-	10	-	
				Bryan's	Coronation, 3' 6"	L.	11	53	18 x 6	582	9 dia.	300	1 2	2,600 2,430	8,800 9,500	Fan	F.F.	-	-	-	-	
Macdonald, John	Haughhead	Hamilton	John Love	No. 1	Pyotshaw Main Splint	S.	7	55	-	-	11 x 6	552	1 2	760 3,000	12,000 14,000	Fur.	F.F.	-	-	-	-	
				No. 2	EB, Main	S.	4	22	5 x 5	12	5 1/2 x 5	162	2	240	8,000	Fur.	N.F.	-	-	-	-	
McAllister, Robt.	Roadside	By Airdrie	R. McAllister	No. 3	Kiltongue and Drumgray.	L.	-	-	5 x 5	180	5 x 5	180	-	-	-	Fur.	N.F.	-	-	-	-	
McAndrew, J., & Co.	Dalzell	Motherwell	Alex. Faulds, T. Whitelaw.	No. 2	EB	S.	1	3	12 x 5 1/2	218	6 x 4	190	1 2	800	1,000	Fur.	F.F.	-	-	-	2	
				No. 3	Pyotshaw Splint	S.	22	102	13 x 5 1/2	246	7 x 5	237	3 3	1,405 1,766 1,070	10,000 10,000 8,000	Fur.	F.F.	To Shieldmair No. 3 Pit.	-	-	-	
				No. 1	Virtuewell, 2' 9"	L.	-	-	-	396	-	-	1 2	350	12,000	-	-	-	-	-	-	
McCallum, John A.	Rochsoles	By Airdrie	Jas. Hoeg	No. 2	Kiltongue	L.	14	70	6 x 5	198	6 x 5	198	1 2	1,000	7,500	Fur.	N.F.	-	-	1	-	
				No. 3	Drumgray	L.	5	22	6 x 4 1/2	228	6 x 4 1/2	228	1 2	650 816 753	7,000	-	N.F.	-	-	-	-	
Marshall, Bros.	Dunthland	Salsburgh, by Holytown.	Robt. Wardlaw	No. 3	Shotts Smithy	L.	3	16	-	-	12 x 5	108	1	680	3,500	Fur.	N.F.	-	-	-	-	
McLean, Dalziel and Co.	Hill	Netherburn Carlike.	And. McLean	No. 1	EB	S.	9	35	13 x 5 1/2	243	16 x 6	159	1 2	250	3,500	Fur.	N.F.	-	-	-	1	
				No. 2	Virtuewell	L.	9	26	10 x 3 1/2	-	12 x 5	150	1 2	400	2,000	Fur.	N.F.	Mine from outcrop of Main coal.	-	-	-	
Merry & Cuninghame.	Craiguenk	Motherwell	Jas. Malcolm	No. 1	Main; splint	S.	11	7	8 x 5 1/2	520	5 x 5 1/2	520	1 2	820	7,920	Fur.	F.	-	-	3	-	
Do.	Auchinraith	Blantyre	Wm. Wilson	No. 1	Virtuewell, 3'	L.	26	126	23 x 7	870	23 x 7	870	1 2 3 4	863 1,800 1,230 3,023	13,050 23,700 16,250 31,725	Fan	F.	Fan 30' x 10', vel. 46 rev. per min.	-	-	4	-

List of Coal Mines, Owners, &c., with the Mode of Working, Ventilation, &c., during the Year 1884—continued.

Name of Owner.	Name of Colliery.	Postal Address.	Name of Certificated Manager and Agent.	Name of Pit or Mine.	Name of Seam and Thickness.	Mode of Working.	No. of Persons employed.		Size and Depth of Downcast and Upcast Shafts.				Number of Splits or Currents.	Length of Currents in Yards.	Sectional Area of Airways in Feet.	Average Total Quantity of Air in Feet per Minute.	Mode of Ventilation.	F. or N.F.	REMARKS.	Persons killed.	Persons injured.		
							Above Ground.	Below Ground.	Downcast.	Upcast.	Depth in Feet.	Size in Feet.										Depth in Feet.	Size in Feet.
Merry & Cuninghame,	Aneirinraith.	Blantyre	Wm. Wilson	No. 2	Main, 4' Pyotshaw, 4' Splint, 6'	L. & S.	24	123															
Do.	North Motherwell.	Motherwell	John Hogg	Nos. 1 and 2	Ell, 5' 6" Pyotshaw, 3' Main, 4' Splint, 6' Ell, 5' 4"	S.	49	251	14x6	18x6	294	1,300	60	10,000	Fan	F.	Fan 30' x 10' at No. 2 pit.						
Merryton Coal Co.	Merryton	Hamilton	David Saggie	Nos. 1 and 2	Ell Main Splint	S.	30	147	14x6	14x6	600	3,880	28	47,000	Fan	F.	Fan 17' x 7'						
Millen, John, & Co.	Linnig	By Holytown	Jas. Clark	No. 2	Lower Drumgray	L.																	
Miller, George	Swinhill	Larkhall	P. Morrison	No. 3	Virtuewell Kiltongue Splint Virtuewell	L.	7	65	5x5	5x5	79	1,400	27	4,500	Fur.	N.F.	(See Leghbrannock Colliery Co.)						
Miller and Henderson.	Fairybank	By Holytown	Wm. Miller	No. 2	Drumgray	L.																	
Mitchell, M. R.	Meikle Drumgray.	By Airdrie	Peter Brown	No. 1	Virtuewell Drumgray, 20'	L.	8	24	6x5 1/2	6x5 1/2	182	208	20	7,568	Fur.	F.							
Moir, George	Southrigg	By Bathgate	Alex. Park	No. 1	Mill, 2' 2" Lower Drumgray, 20'	L.	5	19	8x5 1/2	5x5 1/2	120	484	20	4,500	Fur.	N.F.							
Monkland Iron Co. (Limited).	Armadale	By Bathgate	John Couper	No. 16	Ball, main	L.	4	39	13x5	5x5	108	768	20	5,400	Fur.	N.F.							
Do.	Chappellhall	By Airdrie	Robt. May	No. 4	Ell	L.	10	50	7 1/2 x 5	6 x 5	193	420	18	8,500	Fur.	N.F.							
Do.	Cleland	By Holytown	Thos. Campbell	No. 18	Do.	L.	6	25	10x5 1/2	7x4	57	598	33	11,000	Fur.	N.F.							
Do.	Spindleside	Orms, by Motherwell.	Jas. Ritchie	No. 2	Virtuewell, 2' 6" Splint, 5'	L.	4	12	13x5	12x5 1/2	240	1,800	18	1,000	Nat.	F.							
				No. 4		S.	5	31	11x5	6x5	66	520	35	3,000	Ex. Stm.	N.F.							



List of Coal Mines, Owners, &c., with the Mode of Working, Ventilation, &c., during the Year 1884—continued.

Name of Owner.	Name of Colliery.	Postal Address.	Name of Certificated Manager and Agent.	Name of Pit or Mine.	Name of Seam and Thickness.	Mode of Working.	No. of Persons employed.	Size and Depth of Downcast and Upcast Shafts.			Number of Splits of Currents.	Length of Currents in Yards.	Sectional Area of Airways in Feet.	Average Total Quantity of Air in Feet per Minute.	Mode of Ventilation.	Fluey or Non-fluey.	REMARKS.	Persons killed.	Persons injured.			
								Downcast.	Upcast.	Depth in Feet.												
Niddrie and Benhar Coal Co. (Limited).	Hartwoodhill	Whitburn	Robt. Baxter	No. 1 mine	Virtuewell, 4'	S.	12	80	—	6 1/2 x 4	60	1	1,280	96	Fur.	N.F.						
				No. 6	Virtuewell	L.	5	33	14 x 5 1/2	180	12 x 5	120	1	1,080	12	Fan	N.F.	Fan 6' x 1' 6", 200 rev. p. min.				
				No. 10	Do.	10	107	14 x 5 1/2	150	—	—	—	2	2,070	12	—	N.F.	—				
				No. 13	Lady Grange	L.	7	71	10 x 5	120	14 x 5 1/2	190	1	564	12	Fur.	N.F.	4,055				
				No. 15	Ralahill, 3'	L.	13	77	22 x 5 1/2	334	14 x 5 1/2	380	2	1,596	14	Fur.	N.F.	8,456				
					Shotts Furnace, 3 1/2'	L.	13	77	6 x 5	366	—	—	—	2	1,596	36	Fur.	N.F.	6,500			
					Virtuewell, 4'	L.	6	29	9 x 5	120	—	—	—	2	909	15	Fur.	N.F.	1,710			
					Shotts Furnace	L.	13	74	16 x 5	450	9 x 5 1/2	450	1	1,095	15	Fan	N.F.	3,540				
					Great Seam	S.	13	74	18 x 5	1,440	—	—	—	1	960	18	Fan	N.F.	9,470			
					Do.	S.	8	10	13 x 7 1/2	545	16 x 6	1,440	1	1,144	18	Fan	N.F.	8,580				
Nimmo, Jas., & Co.	Longrigg	Slamannan	Robert Wilson	No. 1	Great, 8'	S.	18	111	17 1/2 x 6	1,041	5	1,260	18	16,440	Fan	N.F.	Fan 18' x 7'		2			
				No. 2	Do.	S.	6	4	16 x 6	1,406	7 x 6	800	2	470	18	Fan	N.F.	7,950				
				No. 3	Do.	S.	4	6	18 x 7 1/2	1,818	8 x 7	1,888	2	—	—	—	—	—				
				No. 4	Do.	S.	4	6	16 x 5	1,440	9 x 4 1/2	1,200	1	—	—	—	—	—				
					Do.	S.	6	6	6 x 5 1/2	240	—	—	—	1	—	—	—	—	—			
					Do.	S.	4	6	9	348	—	—	—	1	—	—	—	—	—			
					Do.	S.	4	4	7 x 5	222	7 x 5	222	6 x 4	222	1	800	15	Fur.	N.F.	9,200		
					Do.	S.	4	4	7 x 5 1/2	240	7 x 5 1/2	240	6 x 5 1/2	240	1	250	16	Fur.	N.F.	7,000		
					Do.	S.	4	4	—	162	—	—	—	1	—	—	—	—	—			
					Do.	S.	6	61	7 x 5 1/2	210	7 x 5 1/2	210	5 x 5 1/2	210	1	290	15	—	—			
Do.	Lochend	Do.	Do.	No. 1	Splint, 22"	L.	4	39	7 x 5	180	1	380	15	4,500	—	—						
				No. 2	Lady Grange, 21"	L.	4	44	7 x 5	108	5 1/2 x 5	108	1	650	15	5,600	—	—				
					Splint, 25"	L.	4	12	7 1/2 x 5	264	5 x 6	240	1	560	15	5,800	—	—				
					Lady Grange, 21"	L.	6	85	7 1/2 x 5	120	—	—	—	1	280	16	6,400	Fur.	F.	—		
					Do.	L.	4	60	—	222	—	—	—	1	560	16	5,600	—	—			
					Do.	L.	4	20	168	168	5 x 5 1/2	168	5 x 5 1/2	168	1	560	16	5,600	—	—		
					Do.	L.	4	20	75	75	4 x 5 1/2	86	4 x 5 1/2	86	1	380	15	3,800	—	—		
					Do.	L.	4	46	228	228	7 1/2 x 5 1/2	228	5 x 5 1/2	228	1	290	16	3,900	—	—		
					Do.	L.	3	38	90	90	7 1/2 x 5 1/2	90	5 x 5 1/2	90	1	300	16	7,500	—	—		
					Do.	L.	4	6	240	240	7 x 5 1/2	240	5 x 5 1/2	240	1	200	16	5,200	—	—		
Do.	Anchengray	Do.	Do.	No. 1	Lady Grange, 22"	L.	4	54	7 x 5 1/2	78	1	300	15	4,200	—	—						
				No. 3	Splint, 25"	L.	3	63	7 x 5 1/2	166	5 x 5 1/2	166	1	440	16	4,200	Fur.	N.F.	—			
				No. 2	Do.	L.	2	48	—	180	—	—	1	250	15	3,700	—	—				
Do.	Drumclair	Do.	John Murray	No. 1	Do.	L.	2	18	—	48	1	340	15	3,600	—	—						
				No. 2	Do.	L.	2	18	—	48	—	—	1	340	15	3,600	—	—				

List of Coal Mines, Owners, &c., with the Mode of Working, Ventilation, &c., during the Year 1884—continued.

Name of Owner.	Name of Colliery.	Postal Address.	Name of Certificated Manager and Agent.	Name of Pit or Mine.	Name of Seam and Thickness.	Mode of Working in Long Wall, Stoop and Room.	No. of Persons employed.		Size and Depth of Downcast and Upcast Shafts.			Number of Rplits or Currents	Length of Currents in Yards.	Sectional Area of Airways in Feet.	Average Total Quantity of Air in Feet per Minute.	Mode of Ventilation.	Mile or Non-Mile.	REMARKS.	Persons killed.	Persons injured.
							Above Ground.	Below Ground.	Downcast.	Upcast.	Depth in Feet.									
Nimmo, Jas., & Co.	Muiravonside	Linlithgow	And. Henderson	No. 2	Splint, 24" Mid, 28" Soft, 28" Splint, 24" Mid, 22" Soft, 21"	L. L. L. L. L. L.	7 — — 4 20 16	24 26 18 26 20 16	7 1/2 x 6 1/2 — — 7 x 5 1/2 — —	156 186 228 84 114 168	156 186 228 84 114 168	1 1 1 1 1 1	600 900 370 370 180 370	4,250 3,400 3,200 3,800 3,500 2,900	Fur. — — — — —	N.F. — — — — —		—	—	
Nimmo, John, and Son.	Rosebank	By Dumfermline	J. M. Hunter	No. 1	Silstone Swallowdrum Under do. 8 feet Upper Swallowdrum, 3 3/4'. Lower Silstone	L. L. L. L. L. L.	9 2 5 6	69 13 42 35	18 x 6 — — 11 x 5 10 x 5 11 x 5	288 — — 318 116 318	170 — — 192 — 192	1 — — 2 1	350 — — 600 360	4,500 — — 14,400 7,700	Fur. — — Fur. —	N.F. — — N.F. N.F.		—	2	
Do.	Drumriggend	Siamannan	Jas. Maxwell	No. 2	Splint Coxrod	L. L.	27 29	27 29	12 x 5 1/2 —	78 163	108 163	1 1	1,000 900	5,400 6,000	Fur. —	N.F. N.F.		—	—	
Do.	Limerigs	Do.	Do.	No. 2	Virtuewell Lady Grange	L. L.	18 20	18 20	5 x 5 5 x 5	72 120	72 120	1 1	850 600	2,500 4,000	Fur. —	N.F. N.F.		—	—	
Do.	Limerigs	Do.	Do.	No. 5	Virtuewell Lady Grange	L. L.	3 25	3 25	5 x 5 5 x 5	60 102	60 102	1 1	350 600	4,100 4,400	Fur. —	N.F. N.F.		—	—	
Do.	Limerigs	Do.	Do.	No. 7	Virtuewell	L.	6	6	6 1/2 x 5	144	144	1	150	6,500	Fur.	N.F.		—	—	
Nitahill and Lesmahagow Coal Co.	Auchenheath, Southfield, and Fence.	Lesmahagow	Jno. Lancaster and Agent.	No. 4, Auchenheath, Fence.	Lesmahagow Cannel Do.	L. L.	6 127	6 127	5 x 5 13 dia.	— 1,050	300 675	1 14	2,550 2,791	8,640 112,340	Fan Fan	F. F.	Fan 12' x 4'. Fan 20' x 8' at South-field.	—	1	—
Omoa and Cleland Iron and Coal Co. (Limited).	Cleland	Omoa, by Motherwell.	Robert Addie	No. 43	Kiltongue Ell Main Splint	S. S. S. S.	7 — — 7	47 — — 50	— 16 x 5 1/2 — —	181 252 336 396	181 252 336 396	2 — — —	2,535 1,400	7,500 15,000	Fan Fan	F. N.F.	Fan 5' x 2', underground. Fan 12' x 5'	—	—	1
Do.	Windyedge	Do.	Do.	No. 4	Virtuewell	L.	4	4	11 x 5	190	170	2	1,000	2,000	Fur.	N.F.		—	1	
Paul, Gavin, & Sons.	Wilstontown	By Lanark	James Paul	No. 3 No. 10	Gas Coal Do.	L. L.	4 5	4 5	14 1/2 x 6 6 x 6	198 198	180 207	1 1	650 597	4,575 4,500	Fur. Fur.	N.F. N.F.		—	—	
Paul, Gavin (Trustees of).	Mossie	Bathgate	Walter Annan	No. 1 No. 2 No. 4, Mine	Barbarie Main Barbarie	L. L. L.	88 6 6	73 50 21	14 x 6 4 x 6 9 x 6	198 182 1,200	86 252 90	1 1 1	1,000 890 850	6,730 7,468 3,600	Fan Fur. Fur.	N.F. N.F. N.F.	Fan 14 1/2 dia. Mine dipping 1 in 24.	—	—	7
Prestonrange Coal and Fire Brick Co. (Limited).	Prestonpans	Prestonpans	E. Ellison Mills, G. B. Locke.	Morrison's Haven. No. 1, Dolphingston. No. 2, do.	Great Seam No. 1 Jewel No. 2 Diamond Begar No. 2 Jewel Five feet Clay Seam	S. L. L. L. L. L.	60 7 5 3 3 1	192 64 52 41 38 81 5	10 10 10 — — —	570 452 — 450 142	570 360 380 — 142	1 1 1 1 1 1 1	1,650 2,800 1,900 1,200 550	13,280 8,600 8,600 8,100 8,100 4,400 4,400	Fan Fur. Fur. Fur. Fur. Fur. Fur.	F. N.F. N.F. N.F. N.F. N.F. N.F.	Fan 21' x 6 1/2' (Three shafts worked.)	—	—	

List of Coal Mines, Owners, &c., with the Mode of Working, Ventilation, &c., during the Year 1884—continued.

Name of Owner.	Name of Colliery.	Postal Address.	Name of Certificated Manager and Agent.	Name of Pit or Mine.	Name of Seam and Thickness.	Mode of Working.	No. of Persons employed.		Size and Depth of Downcast and Upcast Shafts.				Number of Splits or Currents.	Length of Currents in Yards.	Sectional Area of Airways.	Average Total Quantity of Air in Feet per Minute.	Mode of Ventilation.	History or Non-history.	REMARKS.	Persons killed.	Persons injured.	
							Above Ground.	Below Ground.	Downcast.	Upcast.												
								Size in Feet.	Depth in Feet.	Size in Feet.	Depth in Feet.											
Provanhall Coal Co.	Bredisholm	Railleston	A. Somerville.	No. 2	Pyotshaw, 4'	L.	18	149	20x5½	864	—	—	1	4876	16	5950	Fan	F.	Fan 20' at No. 8	—	—	
				No. 3	Splint, 4'	L.	15	121	14x5½	883	1,014	—	8	5,349	—	6,000	—	F.	Fan 15' at No. 8.	—	—	
				No. 4	Splint and Virgin, 4'	L.	8	44	—	600	750	—	1	1,745	—	2,750	—	F.	Downcast by No. 4.	—	—	
				No. 1	Main, 3½'	S. & L.	25	180	14x6	600	600	—	5	1,960	—	28,410	Fan	F.	Fan, 20' dia.	—	—	
				No. 3	Pyotshaw, 2' 3"	L.	26	200	20x5½	600	482	—	4	4,573	27	2,852	Fan	F.	No. 6 Bredisholm is the upcast.	2	4	
					Pyotshaw, 4' 6"	L.	—	—	—	684	—	—	—	682	22	1,140	—	—	Stopped	—	—	
					Main, 4'	L.	—	—	—	—	—	—	—	858	17	5,550	—	—	Stopped	—	—	
					Virgin	L.	—	—	—	—	—	—	—	4,877	—	—	—	—	Stopped	—	—	
Rankine, John	Braes	Greengairs, Airdrie.	A. McKnight	Braes	Upper Drumgray, 2' 9"	L.	3	31	12x5½	72	75	—	1	604	11	4,000	Fur.	N.F.	—	—	—	
				Langdales	—	L.	—	—	—	—	—	—	2	264	11	2,090	—	N.F.	—	—	—	
				No. 13	—	L.	—	—	—	—	—	—	—	—	—	—	—	N.F.	—	—	—	
				No. 3	Do, 3'	L.	4	51	12x5½	73	72	—	1	782	12	4,400	Fur.	N.F.	—	—	—	
				No. 12	Upper Drumgray, 2' 9"	L.	4	44	8½x5	90	69	—	1	1,065	11	4,800	Fur.	N.F.	—	—	—	
				No. 13	Kiltongue	L.	4	37	8½x5	240	249	—	1	880	20	7,200	Fur.	N.F.	—	—	—	
					Virtuewell	L.	7	36	16x5	680	—	—	1	2,350	25	11,200	Fan	F.	Fan 1½' x 6' at No. 3 pit	—	—	
					Virtuewell, 2' 6"	L.	9	32	13x5	—	414	—	1	1,800	22	8,000	—	F.	Fan 12' x 6' at No. 7 pit.	—	—	
					Kiltongue	L.	8	10	13x5	—	—	—	1	550	22	2,600	Fan	F.	Fan 1½' x 6' at No. 6 pit.	—	—	
					Do.	L.	—	—	—	—	—	—	3	8,600	24	14,000	Fan	F.	Pumping and downcast pit.	—	—	
					Do. and Virtuewell.	L.	—	—	—	—	—	—	—	—	—	—	—	F.	No. 4 is the downcast.	—	—	
					Kiltongue	L.	13	35	14x5½	504	—	—	2	2,900	24	10,000	—	F.	—	—	—	
					Upper Drumgray	L.	6	30	10x5½	96	84	—	1	1,760	12	2,000	Fur.	N.F.	—	—	—	
					Hard Coal, 3'	L.	7	47	10x5½	180	168	—	2	1,540	8	2,500	Fur.	N.F.	—	—	—	
					Soft " 2'	L.	5	16	10x5½	198	188	—	2	1,320	10	5,400	Fur.	N.F.	—	—	—	
					Soft " 2½"	L.	11	85	7½x5½	102	180	—	2	3,430	10	8,000	Fur.	N.F.	—	—	—	
					Soft " 3'	L.	—	—	10x5½	198	198	—	2	2,430	12	7,000	Fan	N.F.	Fan 16' x 6'.	—	—	
					Soft " 3' 4"	L.	—	—	7½x5½	102	187	—	2	2,430	12	3,000	Fan	N.F.	—	—	—	
					Soft " 3' 6"	L.	—	—	8½x5½	102	187	—	1	1,584	10	4,600	Fur.	N.F.	—	—	—	
					Soft " 2' 6"	L.	—	—	6x5	205	205	—	1	1,400	25	5,753	—	N.F.	—	—	—	
					Ball	L.	—	—	—	—	—	—	1	1,000	—	1,500	—	—	Standing.	—	—	
					Big Gas	L.	—	—	—	—	—	—	4	1,250	20	15,010	Fan	N.F.	Fan 14' x 6'	—	—	
					Big Drum, Kirkcud, and Beck.	S. & L.	13	74	9x4½	282	246	—	—	—	—	—	—	—	—	Standing.	—	—
					—	L.	—	—	—	—	—	—	—	—	—	—	—	—	—	Newly sunk.	—	—
					—	L.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
					—	L.	10	49	14x5	480	686	—	3	—	24	21,000	Fan	F.	Fan 16' x 6'	—	—	
					—	L.	—	—	12x5	282	282	—	—	—	—	—	—	—	—	—	—	—

List of Coal Mines, Owners, &c., with the Mode of Working, Ventilation, &c., during the Year 1884—continued.

Name of Owner.	Name of Colliery.	Postal Address.	Name of Certificated Manager and Agent.	Name of Pit or Mine.	Name of Seam and Thickness.	Mode of Working.	No. of Persons employed.	Size and Depth of Downcast and Upcast Shafts.				Number of Splits or Currents.	Length of Currents in Yards.	Sectional Area of Airways in Feet.	Average Total Quantity of Air in Feet per Minute.	Mode of Ventilation.	Fleg or Non-Fleg.	REMARKS.	Persons killed.	Persons injured.
								Downcast.	Upcast.	Depth in Feet.	Size in Feet.									
Rosslyn, Earl of	Dysart	Dysart, Fife	Jas. McLay and Agent.	Frances	Dysart Main, 18'	S	15	16x9	600	9x6	103	1	2,976	12,560	Nat.	N.F.	-	1	-	
Roughcraigs Coal Co.	Roughcraigs	Airdrie	Alex. Laird	No. 2	Kilcongue	L.	3	6x4	120	10x5½	270	1	1,496	6,083	-	N.F.	-	-	-	
								10x6	466	-	-	1,716	9,830	-	N.F.	-	-	2	2,794	16,220
Russell, Archd.	Barncluth	Hamilton	James Wilson	No. 1	Ell, 5'	is	3	12x6	414	6x4	414	1	555	9,100	Fan	F.	Fan 14'x6'	-	4	
								12x6	522	-	-	522	1	594	9,240	-	-	-	40	9,100
Do.	Brownlee	Wishaw	Do.	No. 1	Main, 4½'	is	4	12x6	486	6x4	486	1	2,505	18,000	Fan	F.	Fan 16'x6'	-	-	
								12x6	553	-	-	553	1	2,266	5,400	-	-	-	55	5,400
Do.	Brownlee	Wishaw	Do.	No. 2	Ell, 5'	is	10	12x6	444	6x4	444	2	4,070	9,500	Fan	F.	-	-	-	
								12x6	516	-	-	516	1	4,688	8,700	-	-	-	54	8,700
Do.	Clydesdale	Do.	Do.	No. 1	Main, 4½'	is	12	12x6	516	6x4	480	1	2,700	2,230	Fan	F.	Fan 16'x6'	-	2	
								12x6	680	-	-	680	1	895	20,130	-	-	-	72	2,230
Do.	Fergiegate	Hamilton	James Smart and Agent.	Nos. 1 and 2	Ell, 7'	is	45	17x6	390	6x4	480	1	886	1,800	-	-	-	-	-	
								17x6	492	-	-	492	1	2,927	12,911	-	-	-	60	1,800
Do.	Greenfield	Do.	Jas. Hastie	No. 1	Ell, 7'	is	23	17x6	870	-	-	1	1,900	14,000	Fan	F.	Fan 30' at No. 2 Pit	-	3	
								17x6	870	-	-	870	1	2,300	11,000	-	-	-	40	14,000
Scotland & Co.	Appin	Dunfermline	A. Scotland	No. 2	5 feet	is	13	18x6	384	17x6	384	1	3,050	12,000	Fan	F.	Fan 16'x6' at No. 1 pit	-	1	
								18x6	456	-	-	456	1	3,870	8,000	-	-	-	45	8,000
Shearvale Coal Co.	Shearvale	Tullcoutry, Co. Clackmannan.	Alex. Sharp	Melloch Mine	Cherry, 3'9"	L.	3	9x5	506	9x5	506	1	2,300	11,000	Fur.	N.F.	-	-	-	
								9x5	506	-	-	506	1	2,300	11,000	-	-	-	48	11,000
Shotts Iron Co.	Shotts	Shotts, Lanarkshire	J. Cuthbertson.	Water Engine	Fire-clay 6'	is	3	5x4	72	5x4	72	1	490	2,500	Fur.	N.F.	-	-	-	
								5x4	312	4x4	232	1	280	4,000	-	-	-	26	4,000	-
Do.	Arden and Brownieside.	By Airdrie	Jno. Drumman	No. 1	Do, 30"	L.	4	6x6	246	6x6	246	1	4,000	14,000	Fur.	N.F.	Sinking.	-	-	
								6x6	171	10x5½	171	1	1,570	6,500	-	-	-	24	14,000	-
Do.	Arden and Brownieside.	By Airdrie	Jno. Drumman	No. 3	Do, 30"	L.	7	8x6	498	8x6	498	1	1,300	8,375	Fur.	F.	-	-	-	
								8x6	498	8x6	498	1	1,300	8,375	-	-	-	25	8,375	-
Do.	Arden and Brownieside.	By Airdrie	Jno. Drumman	No. 3	Do, 30"	L.	9	15x6½	648	15x6½	678	1	1,300	12,900	Fur.	F.	-	-	-	
								15x6½	648	15x6½	678	1	1,300	12,900	-	-	-	25	12,900	-





List of Coal Mines, Owners, &c., with the Mode of Working, Ventilation, &c., during the Year 1884—continued.

Name of Owner.	Name of Colliery.	Postal Address.	Name of Certificated Manager and Agent.	Name of Pit or Mine.	Name of Seam and Thickness.	Mode of Working, L. Long Wall, S. Sloop and Room.	No. of Persons employed.		Size and Depth of Downcast and Upcast Shafts.				Number of Splits or Currents.	Length of Currents in Yards.	Sectional Area of Airways in Feet.	Average Total Quantity of Air in Feet per Minute.	Mode of Ventilation.	Machinery or Non-Machinery.	REMARKS.	Persons killed.	Persons injured.
							Above Ground.	Below Ground.	Downcast.	Upcast.	Depth in Feet.	Size in Feet.									
Walker, William H.	Springwells	Airdrie	W. H. Walker	No. 2	Virtuewell - Upper Drumgray	L.	7	22	216	12x5	216	12x5	1	480	28	5,600	Fan	F.	Fan 10' dia.	-	1
				No. 3	Virtuewell - Upper Drumgray	L.	5	25	216	12x5	216	12x5	1	716	28	6,350	Fan	F.		-	
				Broomfield	Kiltongue Upper Drumgray	L.	4	22	387	12x5	387	12x5	1	653	23	3,200	Fan.	F.		-	
Walker, Mat.	Birks	By Larkhall	M. Walker	No. 1	Splint, 5	S.	7	8	360	8x5 1/2	64	5x5 1/2	2	1,116	25	1,600	Fr.	N.F.		-	1
Wallace, Andrew	Kingseat	Hallbeath, Dumfermline.	Chas. A. Carlow	No. 1 No. 2 No. 3	Splint & 5 feet 8 feet	L. L. L.	16 20 34	68 137 197	456 680	13x5 1/2 8 1/2 x 8	456 680	8 1/2 x 8	3 4 4	1,540 1,500 1,520	18	9,750 14,700 14,080	Fur. & Ex-st.	N.F.		-	6
Watson, John	Earnock	Hamilton	Jas. Gilchrist	No. 1 No. 2	ELL, 7' 3" Main, 4'	S. S.	82	319	720	22x6' 10"	720	21x7' 10"	1	1,250	50	26,156	Fan	F.	Fan 40' x 12'	-	2
Do.	Motherwell	Motherwell	Wm. Waugh	No. 2	Main, 8' 10" Splint, 4' 8"	S.	21	117	414	6x5 1/2	484	6x5 1/2	2	1,670	50	34,240	Fan	F.		-	9
				No. 3	ELL Main	S.	6	57	432	9x6	460	6x5 1/2	2	2,200	60	22,180	St. Jet	F.		-	
				No. 4	Do., ELL, 5' Main, 9' 6"	S.	21	144	288	9x6	348	11x6	2	2,800	40	12,450	Fan	F.	Fan 20' x 8.	-	
Do.	Parkhead	Do.	Do.	Lady Emily	Main and Splint	S.	14	42	420	13x6	528	11x6	1	540	47	10,000	Fur.	F.	(Separate shafts.)	-	2
Do.	Blackrigg	Siamannan	Thos. Thomson	Nos. 1 & 2	Johnstone, 36" Lady Grange, 24" Splint, 23" Coxrod, 19"	L.	12	153	102	12x5 1/2	102	12x5 1/2	1	726	24	6,000	Fan	N.F.		-	
				No. 3	Do., 29" Coxrod, 20"	L.	4	22	144	9x5	192	5x5	1	700	20	6,000	Fur.	N.F.		-	
				No. 7	Do., 29" Coxrod, 20"	L.	8	63	213	8x5 1/2	280	5 1/2 x 5	1	1,848	20	4,950	Fur.	N.F.		-	
Do.	Balquhatstone	Do.	Do.	No. 3	Splint, 26"	L.	5	40	162	12x5	300	5x4	1	140	14	6,480	Fur.	N.F.		-	
				No. 1	Lady Grange, 26" Splint, 24"	L.	5	40	300	12x5	300	5x4	1	700	20	4,680	Fur.	N.F.		-	
				No. 2	Lady Grange, 26" Splint, 24"	L.	5	78	165	8x5 1/2	283	5 1/2 x 5	1	880	20	9,600	Fur.	N.F.		-	
				No. 3	Splint, 23" Coxrod, 26"	L.	7	114	138	12x5 1/2	222	5 1/2 x 3	1	946	20	6,765	Fur.	N.F.		-	
Wemyss, R. G. E.	Wemyss	West Wemyss, Fife	A. Crookston, Jos. Budge.	Victoria Lady Hugo Duncan's	Bowhouse Frankston Dysart Main Parrot	L. L. S. L.	66	233	312	2 1/2 x 5 1/2	482	14x5 5x5 1/2 9 dia.	1 2 3 5	3,300 3,476 1,276 1,012	30 30 20 27	10,228 9,720 7,920 7,500 5,940 4,320	Fur. Fur. Fur. Fur. Fur.	N.F. N.F. N.F. N.F. N.F.		-	1

List of Coal Mines, Owners, &c., with the Mode of Working, Ventilation, &c., during the Year 1884—continued.

Name of Owner.	Name of Colliery.	Postal Address.	Name of Certificated Manager and Agent.	Name of Pit or Mine.	Name of Seam and Thickness.	Mode of Working of Long Wall, or of Roof and Room.	No. of Persons employed.		Size and Depth of Downcast and Upcast Shafts.				Number of Splits or Currents.	Length of Currents in Yards.	Sectional Area of Air-ways in Feet.	Average Total Quantity of Air in Feet per Minute.	Mode of Ventilation.	Height of Non-fluy or N.F.	REMARKS.	Persons killed.	Persons injured.	
							Above Ground	Below Ground	Downcast.	Upcast.	Downcast.	Upcast.										
White, Eliz.	Ormiston Hall	Ormiston, dington.	Andrew White	No. 2	Splint Rough	L.	3	33	11x5	120	11x5	80	1	600	12	3,000	Fur.	N.F.				
Wilkie, William	South Arnloss	Do.	Wm. Wilkie	No. 5	Splint-Corrod	L.	6	48	10x5	20	10x5	90	1	500	16	10,000	Fur.	N.F.		1		
Williams, John & Co.	Camp	Motherwell	Michael Ross	No. 1	Ell Main, Pyotshaw, Splint, 5'	S.	7	42	15x5	56	15x5	492	2	4,160	16	11,000	Fan	F.	Fan 18' x 7'		1	
Wilson, John	Law	Carlisle	Henry Telfer	No. 1	Ell, 9'	S.	7	16	6x5	312	6x5	216	1	720	36	6,000	Fan	N.F.	Fan 16' x 6'			
					Pyotshaw, 2' 8'	S.	6	20		486		294	1	726	24	3,000		N.F.				
					Splint, 6'	S.	6	32		380		285	1	550	20	7,000		N.F.			1	
					Main, 4' 9'	S.	6	32	14x6	380	6x4	285	1	440	80	5,000	Fan	N.F.	Fan 12' 2" x 4' 8"			
					Splint, 6' 0"	S.	6	32	Mine	372		380	1	1,716	36	9,000		N.F.				
Do.	Shawfield	Do.	Do.	No. 1	Ell, 9'	S.	51	75		468	15x5 1/2	456	2	2,926	40	8,000	St. jet.	N.F.				
					Main, 4' 10"	S.	51	75	17x5	567		555	2	2,800	40	7,000	Fan	N.F.	Fan 20' x 7'			
					Splint, 6'	S.	17	55		567		555	2	2,134	50	9,000		N.F.				
					Virtuewell, 3' 8"	L.	1	36	14x6	285	6x4	285	1	1,694	25	3,000		N.F.				
					Ell, 9'	S.	1	36		285		285	1	1,224	25	3,000		N.F.			1	
Do.	Douglas Park	Bothwell	Do.	No. 1	Ell, 7'	S.	105	105	22x6	750	16x6	702	2	495	40	1,800	Fan	F.	Fan 28' x 9'		5	
						S.	17	17		764		764	1	2,668	40	12,000		N.F.				
					Main, 4'	S.	3	20	10x6	78	15x6	78	1	1,298	36	19,500		N.F.				
Wishaw Coal Co.	Dalziel	Motherwell	A. Kirkwood	No. 2	Pyotshaw, 4' 6"	S.	33	140		460		460	1	3,800	66	3,300	St. jet.	N.F.			1	
					Splint, 6'	S.	33	140	6x6	150	14x6	306	1	3,500	44	6,000		N.F.				
					Ell, 7'	S.	4	78	20x6	460		460	1	1,400	54	2,200		N.F.				
Wishaw Estate	Netherjohnstone	Motherwell	John Hislop	No. 1	Main, 4' 6"	S.	4	4		488		480	1	1,628	27	10,100	Fan	F.	Fan 14' x 6'		1	
					Splint, 5'	S.	14	78	11x6	498		480	1	1,628	27	10,100		N.F.	Air from Main Coal.			
					Splint	S.	5	19		182		182	1	400	16	4,000	Fan	N.F.	Fan 16' x 6'		6	
Wood, James	Bathville	By Bathgate	Arch. Robertson	No. 1	Main, Ball, 5' Gas Coal	L.	5	48		222	18x5 1/2	258	2	1,135	16	10,500		N.F.				
					Colburn	L.	4	17	8x5 1/2	185		185	1	2,000	18	5,000		N.F.		Upcast by No. 1.		

List of Coal Mines; Owners, &c., with the Mode of Working, Ventilation, &c., during the Year 1884—continued.

Name of Owner.	Name of Colliery.	Postal Address.	Name of Certificated Manager and Agent.	Name of Pit or Mine.	Name of Seam and Thickness.	Mode of Working. L. Long Wall, S. Stoop and Room.	No. of Persons employed.		Size and Depth of Downcast and Upcast Shafts.				Number of Spliffs or Currents.	Length of Currents in Yards.	Sectional Area of Air-ways in Feet.	Average Total Quantity of Air in Feet per Minute.	Mode of Ventilation.	Fury or Non-Fury.	REMARKS.	Persons Killed.	Persons Injured.
							Above Ground.	Below Ground.	Downcast.	Upcast.	Downcast.	Upcast.									
Wood, James	Hopetown	By Bathgate	Arch. Robertson	No. 8	Coxrod, 3' 5"	S.	6	15	12x10	108	10x5½	68	1	600	20	4,000	Fur.	N.F.	Upcast by No. 11, Bathgate.	-	-
Do.	Barbauchlaw	Do.	Do.	No. 9	Main and Ball	L.	10	86	12x5½	240	-	-	1	780	16	4,000	Fan	N.F.	Upcast by No. 1, Bathgate.	1	-
Do.	Itres	Do.	Do.	No. 12	Ball Main, 3'	L.	7	42	12x5½	240	16x5½	252	1	800	18	10,000	-	N.F.	Fan 10' x 4'	-	-
Do.	Polkemmet	Do.	Do.	No. 13	Main, 3' 6", Ball, and Colburn.	L.	11	48	12x5	240	12x5	257	2	670	16	3,000	Fan	N.F.	Fan 14' x 4½'	-	-
Do.	Shields	Motherwell	John Clark	No. 2	Main, 3' 6"	L.	5	21	12x5	265	-	-	2	740	18	4,000	-	-	By Fan at No. 1.	-	-
Do.	Shields	Motherwell	John Clark	No. 5	Ball, Main.	L. & S.	5	11	9x5	78	10x5	163	1	500	18	5,000	-	-	Fan 18 x 6'	-	3
Do.	Shields	Motherwell	John Clark	No. 1	Ball, Main, Splint	S.	35	126	13½x5½	383	16½x6	353	1	6,030	20	25,000	Fan	F.	-	-	-
Do.	Shields	Motherwell	John Clark	No. 1	Ball, Main, Splint	S.	14	48	6x6	15	8½x4½	222	2	1,800	15	15,200	-	-	-	-	-
Woodmuir Colliery Co.	Woodmuir	West Calder	D. McCulloch	No. 1	Woodmuir	S.	14	48	8x6½	38	-	-	2	700	14	3,520	Fur.	N.F.	-	-	-
Woodside Coal Co.	Woodside	Dalsert, by Carlisle	John Wardrop	No. 2	Main Splint	S.	8	152	10x5	222	6x5	240	2	2,250	36	5,100	Fur.	N.F.	-	-	-
Do.	Woodside	Dalsert, by Carlisle	John Wardrop	No. 3	Ball, Main	S.	7	50	10x6	240	6x5	240	2	1,800	35	4,300	-	-	-	-	1
Do.	Woodside	Dalsert, by Carlisle	John Wardrop	No. 3	Ball, Main	S.	7	50	10x6	222	6x5	334	2	1,800	35	4,300	-	-	-	-	-
Young, John & Sons.	West Drumgray.	By Airdrie	Robt. Young	No. 3	Kiltongue	L.	9	50	5x5½	188	8x5½	138	1	550	20	3,600	Fur.	N.F.	-	-	-
Do.	Greenhill	Bellside by Motherwell.	Jno. McDonald	No. 7	Upper Drumgray	L.	8	60	7x5	222	5x5	222	2	1,500	20	8,500	Fur.	N.F.	-	-	-
Do.	Greenhill	Bellside by Motherwell.	Jno. McDonald	No. 9	Vireuwell	L.	6	40	8x5	342	5x5	342	2	1,166	20	8,500	Fur.	N.F.	-	-	-
Do.	Greenhill	Bellside by Motherwell.	Jno. McDonald	No. 10	Upper Drumgray	L.	6	35	7x5	318	5x5	318	2	666	20	8,500	Fur.	N.F.	-	-	-
Young's Paraffin Light and Mineral Oil Co. (Limited).	Ardiewell	West Calder	Thos. Prentice	No. 2½ Mine, Cuthill.	Hurlet Coal	L.	6	27	10x6	980	12x5	66	2	-	-	-	Fur.	N.F.	Dip mine.	-	-
Do.	Boghead	Bathgate	Do.	No. 2½ Mine, No. 10 Pit	Colinburn	L.	19	104	10x6	-	-	-	1	600	18	4,320	Fur.	N.F.	Dip mine, 3,376 feet long.	-	-
Do.	Barbauchlaw	Do.	Do.	No. 2 Pit	Mill Coal	L.	7	60	15x5	150	10x5	120	1	1,310	21	8,310	Fur.	N.F.	Upcast.	-	-



List of Ironstone Mines, with the Mode of Working, Ventilation, &c., during the Year 1884—continued.

Name of Owner.	Name of Mine.	Postal Address.	Name of Certificated Manager and Agent.	Name of Pit or Mine.	Name of Seam and Thickness.	Mode of Working. L. Long Wall, or S. Stoop and Room.	No. of Persons employed.		Size and Depth of Downcast and Upcast Shafts.				Number of Splits or Currents.	Length of Currents in Yards.	Sectional Area of Airways in Feet.	Average Total Quantity of Air in Feet per Minute.	Mode of Ventilation.	F. Fly, or Non-fly.	REMARKS.	Persons Killed.	Persons Injured.	
							Above Ground.	Below Ground.	Downcast.	Upcast.	Downcast.	Upcast.										Downcast.
									Size in Feet.	Depth in Feet.	Size in Feet.	Depth in Feet.										
Shotts Iron Co.	Arden	By Airdrie																				
Do.	Brownieside	Do.																				
Do.	Loanhead	Loanhead																				
Do.	Penicuik	Penicuik																				
Do.	Polkemmet	By Bathgate																				
Summerlee Iron Co.	Dunsynton	By Airdrie																				
Do.	Stepends	Do.																				
Waldie, James	Legbrannock	By Holytown																				

LIST OF FIRE-CLAY MINES, with the MODE OF WORKING, VENTILATION, &c., during the Year 1884.

Name of Owner.	Name of Mine.	Postal Address.	Name of Certificated Manager and Agent.	Name of Pit or Mine.	Name of Seam and Thickness.	Mode of Working. L. Long Wall, or S. Stoop and Room.	No. of Persons employed.		Size and Depth of Downcast and Upcast Shafts.				Number of Splits or Currents.	Length of Currents in Yards.	Sectional Area of Airways in Feet.	Average Total Quantity of Air in Feet per Minute.	Mode of Ventilation.	F. Fly, or Non-fly.	REMARKS.	Persons Killed.	Persons Injured.
							Above Ground.	Below Ground.	Downcast.	Upcast.	Downcast.	Upcast.									
									Size in Feet.	Depth in Feet.	Size in Feet.	Depth in Feet.									
Glenboig, Union Fireclay (Limited.)	Glenboig	Glenboig	Wm. Reid, Thos. Dunachie.	No. 1	Glenboig	S.	6	36	13x8 1/2	78	—	130	2	2,100	112	34,560	Ex. steam	N.F.		1	
Wilson, Alex., & Co.	Lochhead	Dunfermline	R. Hamilton	Star	Do.	S.	6	48	—	—	8x4	90	1	70	50	5,000	Fur.	N.F.			
Baird, John	Greenfoot	Glenboig	J. Baird	Lockhead	Swallow-drum, fire-clay.	S.	2	6	11x5	120	—	30	1	300	65	1,900	Fur.	N.F.			
Bonnybridge Slices and Fireclay Co. (Wylie and Griffiths).	Bonnybridge	Bonnybridge	Alec. Wylie	Greenfoot Mine	Glenboig	S.	—	—	24x10	—	—	—	—	—	—	—	—	—	—	—	3

LIST OF SHALE MINES, with the MODE OF WORKING, VENTILATION, &c, during the Year 1884.

Name of Owner.	Name of Mine.	Postal Address.	Name of Certificated Manager and Agent.	Name of Pit or Mine.	Name of Seam and Thickness.	Mode of Working in Slop and Room.	No. of Persons employed.		Size and Depth of Downcast and Upcast Shafts.				Number of Splits of Currents.	Length of Currents in Yards.	Sectional Area of Airways in Feet.	Average Total Quantity of Air in Feet per Minute.	Mode of Ventilation.	Fires or Non-Fires.	REMARKS.	Persons killed.	Persons injured.
							Above Ground.	Below Ground.	Downcast.	Upcast.	Size in Feet.	Depth in Feet.									
Bathgate Oil Co. (Limited).	Seafield	Bathgate	W. V. Turnbull	No. 1 Mine	Fells, 3' 6"	L.	13	45	10x7	312	6 1/2 x 4' 10"	30	1	260	45	16,000	Fan	N.E.	Fan 14' dia. Mine dipping 1 in 2.	1	2
Broxburn Oil Co. (Limited).	Broxburn	Broxburn, by Edinburgh.	Alex. Kennedy, Alex. Kennedy.	Hut (old) Mine Hut (new) Mine.	Broxburn Do. Do. 4 1/2	S. S. S.	17	53	6x6 10x5	—	9x6 9x6	—	1	—	—	—	Stm. Stm.	N.F. N.F.	—	—	6
Burntisland Oil Co. (Limited).	Burntisland	Burntisland	Jno. Loudon	No. 1 Mine No. 2 do. No. 3 Pit No. 1 Coal Mine	No. 1 Stewartfield Mine. No. 2 Do. Albany Mine Haysraigs Mine.	S. S. S. S.	7	60	10x7 10x6 8x7 7x7	—	9x6 9x6	78	2	3,200	40	11,320	Fan	N.E.	Fan at No. 3 Stewartfield. Fan at Haysraigs.	—	—
Chippus Oil Co. (Limited).	Pentland	By Edinburgh	R. Martin	No. 1 Mine No. 2 Mine	Straiton Main, 7 Do.	S. S.	38	337	12x5 12x5	1,416 2,268	12x5 —	2,268	1	3,200 2,100 500	54	11,000 15,000 7,000	Fan	F. —	Fan 18' x 6' Mines dipping 1 in 2. Fan 18' x 6'.	—	15
Dalmeny Oil Co. (Limited).	Dalmeny	Do.	Alex. Russell, John Jones.	No. 3	Broxburn Shale	S.	9	102	14 1/2 x 6	360	7	—	1	2,000	61	16,000	Fan	F.	Mine dipping 1 in 2.	—	—
Holmes Oil Co. (Limited).	Holmes	Uphall	A. Williamson, Jas. Morton.	No. 1 Mine	Drumshoreland Dunnet, 6'	S.	6	50	11x6	420	5 1/2 x 5	84	1	240	72	8,000	Fur.	N.F.	—	—	—
Lanark Oil Co. (Limited).	Tarbrax	Cobbinshaw, Lanark.	Wm. Barbour	No. 2	Fells Shale	S.	4	38	10x5	156	6x4	96	2	1,980 2,842	20	7,300 8,500	Fur.	N.F.	—	—	—
Linlithgow Oil Co. (Limited).	Champfleurie	Linlithgow	J. Beveridge	No. 1 Mine	Broxburn, 6 1/2'	S.	3	15	11x5	400	6 1/2 x 6	400	1	283	47	19,000	Fan	N.F.	Mines dipping 1 in 2' 6".	—	—
Middleton Oil Co. (Limited).	Straiton	Cobbinshaw, Lanark.	John Nish	No. 3 Pit No. 4 Mine	Straiton Main, 7' Do.	S. S.	11	102	10x5 6x5	270 71	9x7 —	576	2	700	30	18,000	Fur.	F.	—	—	—
Oakbank Oil Co. (Limited).	Oakbank	Mid Calder	Robt. Calderwood	Oakbank No. 1 Pit. No. 2	Oakbank Shale	L. —	30	90	11x5 12x6	450 312	6x6 —	450	1	4,500	25	35,000	Fan	F.	Fan 18' x 5'	—	—
Pumphreston Oil Co. (Limited).	Pumphreston	West Calder	Jas. Caldwell, Wm. Fraser.	No. 1 Mine No. 2 do.	Pumphreston, 4 1/2' to 5' Do.	S. —	11	43	11x6 11x6	600 510	7x7 6x6	40 42	1	886 516	34 34	34,000 37,200	Fan	F. F.	Dipping 1 in 1' 6"	—	—
Thornton, J. & T.	Breich	West Calder	Robt. Robson	No. 1 No. 2 No. 3	Fells Shale, 4' 7" Do. Broxburn Shale	L. L. L.	13	74	14 1/2 x 6 8x6	225 177	14 1/2 x 6 6x6	159 177	3	1,450	40	40,000	Fan	F.	Fan 17' dia. at No. 2 pit. Stopped.	—	—
Do.	Levensseat	Crofthead	Peter Thornton	Mines, No. 2 Pit.	Shale & Limestone, 8 1/2'	S. S.	2	5	14x6	111	8x5 1/2	52	1	200 800 1,530	80	7,000 6,500 10,000	Nat. Fur.	N.F. N.F.	—	—	1



## MINES CLASSED under the Metalliferous Mines Regulation Act, in EASTERN DISTRICT OF SCOTLAND, 1884.

Owner or Company.	Name of Mine.	Postal Address.	Metal or Mineral worked.	Remarks.
Aitken, Henry	Bathgate	Bathgate	Nickel silver	(Not working.)
Feedonald Mining Co.	Feedonald	Feedonald, Argyleshire	Lead ore	Ditto.
Strontian Mining Co.	Strontian	Strontian, ditto	Ditto	Ditto.
Loch Tay Mining Co.	Loch Tay	Perthshire	Ditto	Ditto.
Tyndrum Mining Co.	Tyndrum	Tyndrum, Perthshire	Ditto	Ditto.
Leadhills Silver-lead Mining and Smelting Co. (Limited). Mulloney, S. W.	Leadhills	Leadhills, Lanarkshire	Ditto	
	Lossiemouth Lead Works.	Lossiemouth, Elginshire	Ditto	Ditto.
Sumburgh Mining Co. (Limited)	Sandlodge	Sandlodge, Shetland	Iron ore and copper ore.	Ditto.
Dunkeld Slate Quarry	Dunkeld	Perthshire	Slate	Opencast.
Harris, J. A.	Birnam	Birnam, Perthshire	Ditto.	
Baird, Sir David, Bart.	Burdie House	Loanhead, Edinburgh	Limestone.	
Bryson, Alex.	Brunstane	Penicuik	Ditto	(Not working.)
Baird, Wm., & Co.	Westfield	West Calder	Ditto.	
Hyslop, Jonathan	Cobbinshaw	Ditto	Ditto	Ditto.
Midlothian Oil Co. (Limited)	Straiton	Loanhead, Edinburgh	Ditto.	
Thornton, T. and J.	Leavenseat	West Calder	Ditto.	
Torrance, William	Camps	Mid Calder	Ditto.	
Turnbull, Wm., & Co.	Hope	Pathhead, Edinburgh	Ditto.	
Ditto	Magazine	Ditto ditto	Ditto.	
Coltness Iron Co.	Mayfield	Carluke	Ditto.	
Ditto	Halleraig	Ditto	Ditto.	
Stewart, James	Nellfield	Ditto	Ditto.	
Dunlop, James, & Co.	Greenblairs	Blantyre	Ditto.	
Russell, John	Blantyre Park	Ditto	Ditto.	
Hamilton, John, & Co.	Poniel	Lesmahagow	Ditto.	
McLean, And.	Auldton	Ditto	Ditto.	
Houston, James	Netherton	Ditto	Ditto.	
McGhie, David	Auchren	Ditto	Ditto.	
Monkland Iron Co. (Limited)	Bellfield	Ditto	Ditto.	
Shotts Iron Co.	Kingshaw	Carluke	Ditto.	
Ure, Robt.	Dykehead	Hamilton	Ditto, and cement stone.	(Not working.)
Lathalmond Lime Co.	Lathalmond	Dunfermline	Limestone.	
Russell, James, & Co.	Standhill	Bathgate	Ditto	(Standing.)
Craigenhill Lime Co.	Craigenhill	By Lanark	Ditto.	
Martin, James	Cults	Ladybank, Fifo	Ditto.	
Dixon, John	Blantyre	Blantyre	Ditto.	
Aberfoyle Mining Co.	Aberfoyle	Aberfoyle, Perthshire	Barytes	Opencast.

## (6.)—South Wales District.

MR. THOMAS E. WALES.

LIST of COAL MINES, OWNERS, and MANAGERS under the Coal Mines Regulation Act in the SOUTH WALES DISTRICT for the Year 1884.

Names of Collieries.	Names of Owners.	Manager.	Post Town.
BRECONSHIRE.			
Lleust	Alennt Colliery Co.	H. Harries	Glyn Neath.
Gilvach	Gilvach Colliery Co.	E. Fisher	Ystalyfera.
Owm Correl Clay Works	Jenkins, J. B., & Co.	E. H. Green	Neath.
Bryn Henllys	Powell, Rees, Lewis and Morgan.	E. Powell	Ystalyfera.
Hendreladis (New)	Yniscedwyn Collieries, Owners of.	J. Evans	Ystradgynlais.
Hendreladis (Old)	Ditto	Ditto	Ditto.
CARMARTHENSHIRE.			
Raven	Beard, Messrs., & Co.	J. Beard	Cwmamman, R. S. O.
Clyhebock	Clyhebock Colliery Co.	John Harry	Llanelly.
Dyffryn	Dyffryn Colliery Co.	D Jenkins	Ditto.
Cwm Capel	Elliot Metal Co., Ltd.	T. John	Burry Port.
Carway	Fenard, T.	D. Rosser	Kidwelly.
Garnant	Garnant Colliery Co.	J. Hay	Cwmamman.
Closryrn	Harris and Anthony	N. Harris	Llanelly.
Park	Herbert, N., Trustees of	D. Lloyd	Llandeibie, R.S.O.
Caerbryn	Jones, D., & Co.	D. Davies	Ditto.
Rhos	Jones, B., late Executors of	O. A. Rees	Ammanford.
Llangennech	Llangennech Coal Co., Ltd.	H. Ainsworth	Llanelly.
Cross Hands	Norton & Co.	-	Llandeibie.
Cawdor	Norton, C.	T. Davies	Cwmamman, R.S.O.
New Lodge	New Lodge Brickworks Co.	R. Seymour	Burry Port.
Old Castle and Bres	Neville, Druce, & Co.	D. Williams	Llanelly.
Cae	Ditto	Ditto	Ditto.
Bryngwyn	Ditto	Ditto	Ditto.
Pit	Pontyberem Collieries Co.	T. Seymour	Ditto.
New Slant	Ditto	Ditto	Ditto.
Caedn	Phillip, W., & Co.	J. Thomas	Ditto.
Pentremawr	Pentremawr Colliery Co.	J. Harry	Ditto.
Plasbach	Roberts and Evans	J. Hughes	Kidwelly.
Mucarddafen	Rees, W.	J. Thomas	Llanelly.
Talgolyn	Talgolyn Colliery and Firebrick Co.	W. E. White	Pontardulais.
Cabad	Thomas, Mary, & Co.	J. Protheroe	Llanelly.
Trimsaran Slant	Trimsaran Colliery Co., Ltd.	D. Thomas	Kidwelly.
Pumpquart	Thompson, Astley	T. Jones	Ditto.
New Pool	Thomas, J. G. and E. A.	J. Thomas	Burry Port.
Dynant	Thomas, N.	W. Edmunds	Llanelly.
Morlais	Williams and Harry	T. Williams	Llangennech.
GLAMORGANSHIRE.			
Aber	Aber and Yinsawdra Coal and Coke Co., Ltd.	Lewis A. Williams	Ogmore Vale.
Aberdare Merthyr Steam Coal Colliery.	Aberdare Merthyr Steam Coal Co., Ltd.	Rees, Thomas	Hirwain.
Aberdare	Aberdare Coal Co.	Edward Pugh	Cwmbach, Aberdare.
Avan Hill	Avan Hill Colliery Co.	David Thomas	Abergwynfi, Maisteg.
Wenalt	Attenborough, Richard	Temple Stroud	Resolven, Neath.
Blaenycwm	Ditto	Ditto	Ditto.
Lower Resolven	Ditto	Ditto	Ditto.
Blaenant	Aberdare Works and Collieries Co.	David Hughes	Abernant, Aberdare.
Abergorki Level	Ditto	Ditto	Ditto.
Owm Level	Ditto	Ditto	Ditto.
Bwlfa, No. 2	Ditto	Henry Henry	Pontypridd.
Clay Patch Level	Ditto	David Hughes	Abernant, Aberdare.
River Level	Ditto	Ditto	Ditto.
Cwmbach	Ditto	Ditto	Ditto.
Park	Ditto	Ditto	Ditto.
Tunnel	Ditto	Ditto	Ditto.
Number 9	Ditto	Ditto	Ditto.
Bwlfa Dare	Bwlfa and Merthyr Dare Collieries, Trustees of.	Rees Llewellyn	Aberdare.
Bishwell	Bishwell Coal and Coke Co., Ltd.	Henry Jackson	Gower Road, Swansea.
Cefn	Bryndu Coal and Coke Co.	Gwelym David	Pyle, Bridgend.
Bryndu	Ditto	Ditto	Ditto.
Birchgrove	Birchgrove Coal Co.	J. Rowland	Swansea.
Bettws Llantwrch	Betts Llantwrch Coal Co.	J. Williams	Bridgend.

## LIST of COAL MINES, OWNERS, and MANAGERS in the SOUTH WALES DISTRICT, 1884—cont.

Names of Collieries.	Names of Owners.	Manager.	Post Town.
GLAMORGANSHIRE—cont.			
Abergorkie	Burnyeat, Brown, Messrs., & Co., Ltd.	Ll. D. Llewellyn, jun.	Treorkey, Pontypridd.
Llettyshenkin	Ditto	Thos. Braithwaite	Cwmbach, Aberdare.
Abergorkie Level	Ditto	Ll. Llewellyn	Treorkey, Pontypridd.
Braichycymmer	Braichycymmer Collieries Co.	David John	Bridgend.
Bute	Bute, Marquess of	Thos. Curnow	Treherbert.
Bute Merthyr	Ditto	Ditto	Ditto.
Tower	Ditto	Thos. Richards	Hirwain.
Tewgoed	Byass, R. B., & Co.	David Evans	Cwmason.
Bryn	Bryn Coal Co.	William Thomas	Taibach.
Bryn Morgan	Bryn Morgan Coal Co.	Thomas Jones	Ystalyfera.
Barrow	Barrow Iron and Steel Co., Ltd.	Charles Forgie	Bryncethin.
Broadoak	Broadoak Colliery Co.	John Williams	Longhor, Swansea.
Blaen Cae Gurwen	H. Huxham	H. Huxham	Brynamman, R.S.O.
Tan Drift	Cardiff Iron and Tin Co., Ltd.	E. D. Howell	Cardiff.
Birch Rock	Cory, Yeo, & Co.	David Williams	Pontardulais.
Graigola Upper Level	Ditto	Wm. Jordan	Glais, Swansea.
Hill's Merthyr	Ditto	Wm. David	Clydach, Swansea.
Graig Merthyr	Ditto	Ditto	Ditto.
Clydach Merthyr	Ditto	Wm. Rees	Ditto.
Corrwg Fechan	Corrwg Fechan Coal Co.	Ed. Plummer	Glyncorwg.
Graig Slant	Cwmfelin Works and Colliery Co.	Wm. Morgan	Cwmfelin, Swansea.
Mountain Levels	Crawshay Bros.	W. Bates	Merthyr Tydfil.
Colliers Row	Ditto	Ditto	Ditto.
Cwm	Ditto	Ditto	Ditto.
Cyfarthfa	Ditto	Ditto	Ditto.
No. 2, Cethin	Ditto	Ditto	Ditto.
Newbridge Rhondda	Ditto	T. Curwen	Pontypridd.
Cwmaman	Cwmaman Coal Co., Ltd.	David Davies	Aberdare.
Pentre and Church	Cardiff and Swansea Coal Co., Ltd.	John Williams	Pontypridd.
Finery Slant and Level	Cwmavon Works, Proprietors of.	Watkin Morris	Cwmavon.
Oakwood Levels	Ditto	Ditto	Ditto.
Top Hill	Cartwright, W. G., executors of.	Ll. Watkins	Treharris.
No. 2, Clydach Rhondda	Dinas Steam Coal Co., Ltd.	Trevor Thomas	Pontypridd.
Saints	Cwmbach Coal Co.	David Rees	Cockoit, Swansea.
Gendros	Charles Bros. & Davis	David Charles	Swansea.
Graig Wen Level	Daniels, J.	J. Daniels	Pontypridd.
Ty Mawr	Ditto	Ditto	Ditto.
Worcester	Richard, P.	John Davies	Kellay, Swansea.
Dinas Isha	Daniel Thomas & Co.	Howell John	Pontypridd.
Old Brittain	Dynevor Coal Co.	W. Hopkins	Neath Abbey, Neath.
Cwmdu	Ditto	Ditto	Ditto.
Bryndewi	Ditto	Ditto	Ditto.
Bryndewill Graigola	Ditto	Ditto	Ditto.
West Brittain	Ditto	Ditto	Ditto.
Court Herbert	Ditto	Ditto	Ditto.
Duffryn Main	Dynevor and Duffryn Coal Co.	James Hodgson	Neath.
Lady Windsor	Davies and Scott & Co.	W. Bevan	Pontypridd.
Fire Engine	Dynevor Coal Co.	J. Hodgson	Neath.
Duffryn Rhondda	Duffryn Rhondda Colliery Co.	John Phillips	Duffryn, Bridgend.
Dinas Clydach	Dinas Clydach Coal Co.	E. Plummer	Tonypandy, Pontypridd.
Dare	David Davies & Co.	Thomas Davies	Treorkey, Pontypridd.
Western	Ditto	John Owen	Nantymoel, Bridgend.
Park	Ditto	Daniel Binon	Treorkey, Pontypridd.
Maindy	Ditto	Jacob Ray	Pentre, Pontypridd.
Eastern	Ditto	Ditto	Ditto.
Ferndale, No. 1	Davis, D. and Sons	Jenkin Meredith	Ferndale, Pontypridd.
Ditto 2	Ditto	Wm. Thomas	Ditto.
Ditto 4	Ditto	Dd. Davies	Ditto.
Ditto 5	Ditto	Wm. Davies	Ditto.
Blaengwaur	Ditto	Dd. Richards	Aberdare.
Bodzingallt	Davis and Warner	Evan Adams	Ystrad Rhondda.
Maesteg Merthyr	Davis, C. P.	Wm. Williams	Maesteg.
Glynfach	Down & Co., F. P.	Jno. Williams	Cymmer, Maesteg.
Dinas Steam Coal	Dinas Steam Coal Colliery Co.	John Howard	Pontypridd.
Nantwen	Dowlais Iron Co.	M. Truran	Bedlinog, Dowlais.
Colly Levels	Ditto	Ditto	Ditto.
No. 7 and Banwain	Ditto	George Martin (Agent)	Dowlais.
Cwmcenol Level	Ditto	Ditto	Ditto.
No. 1 Vochriw	Ditto	Ditto	Ditto.
No. 2 do.	Ditto	Ditto	Ditto.
North Tunnel	Ditto	Wm. Jones	Ditto.
Lower 4-Feet	Ditto	Ditto	Ditto.

LIST of COAL MINES, OWNERS, and MANAGERS in the SOUTH WALES DISTRICT, 1884—cont.

Names of Collieries.	Names of Owners.	Manager.	Post Town.
GLAMORGANSHIRE—cont.			
Black Vein	Dowlais Iron Co.	John Jenkins	Dowlais.
Torybran	Ditto	Ditto	Ditto.
No. 2, Pendarran	Ditto	Howell Jones	Ditto.
Bedlinog	Ditto	DI. Williams	Bedlinog.
South Tunnel	Ditto	Mattw. Truran, junr.	Dowlais.
No. 1, Pendarran	Ditto	Howell Jones	Ditto.
Long Work	Ditto	John Jenkins	Ditto.
Oilfynydd Lev cl	Eawros, R.	R. Eawros	Hengoed, Quaker's Yard.
Werfa	Evans, Jas., & Co.	David Thomas	Aberdare.
Dinas Main (No. 2 vein)	Evans Evan and Son	Thos. Jones	Bridgend.
Ditto (No. 3 vein)	Ditto	Ditto	Ditto.
Torcefa	Evans and Bevan	Benj. Rees	Neath.
Brynteg	Ditto	Thos. Jenkins	Ditto.
Seven Sisters	Ditto	Ditto	Ditto.
Crynant	Ditto	Ditto	Ditto.
Rhyding	Ditto	Ditto	Ditto.
Pwll Mawr	Foxhole Colliery Co.	Thos. Rees	Swansea.
Llanerch	Ditto	Ditto	Ditto.
Fernhill	Ditto	John Rosser	Treherbert.
Ffaldan	Ffaldan Colliery Co., Ltd.	Ed. Laurence	Pontycymmer.
Blaenalydach	Forest Iron and Steel Co., Ltd.	Ditto	Tonypandy.
Perthyglision	Griffiths, R. T.	R. T. Griffiths	Merthyr Vale, Merthyr Tydvil.
Gwauncaegurwen	Gwauncaegurwen Colliery Co., Ltd.	D. Meredith	Brynamman, Lanelly.
New Gelligaer Level	Gelligaer Colliery Co.	E. Beddoe	Nelson, Pontypridd.
Great Western	Great Western Colliery Co., Ltd.	Thos. Williams	Pontypridd.
Cilely	Great Western Railway Co.	J. P. Williams	Llantrissant.
Graigola Boundary Level	Gilbertson, W., & Co.	D. Walters	Swansea Vale.
Ditto	Ditto	Ditto	Ditto.
Werndda Level	Ditto	Ditto	Ditto.
No. 6 Pit	Glamorgan Coal Co., Ltd.	Dan. Evans	Llwynypia, Pontypridd.
No. 2 Pit	Ditto	Ditto	Ditto.
No. 3 Pit	Ditto	Ditto	Ditto.
Tyntyla Level	Ditto	Howell Jones	Heolfach, ditto
Penrhiwfer	Ditto	Wm. Stewart	Penygraig, ditto
" Level	Ditto	Ditto	Ditto, ditto
Glyn	Glyn Colliery Co., Ltd.	J. Gibbon	Llantrissant, ditto
Penrhiwfer Steam Coal	Glamorgan Coal Co., Ltd.	Wm. Stewart	Penygraig.
Gilfach Goch	Ditto	Robert Hood	Bridgend.
Gilfach Goch Level	Ditto	Ditto	Ditto.
Ditto	Ditto	Ditto	Ditto.
Gilfach Goch Steam Coal	Ditto	Ditto	Ditto.
Avon	Gooch, Sir Daniel, & Co.	J. Morris	Maesteg.
Garw	Garw Coal Co.	Rowland Rowlands	Bridgend.
Gelli Steam Coal	Gelli and Tynybedw Collieries Co.	John Thomas	Ystrad, Pontypridd.
Gelli No. 3	Ditto	T. Jones	Ystrad, Rhondda.
Glyncorrwg	Glyncorrwg Colliery Co., Ltd.	E. Plummer	Maesteg.
Gelli Mill	Plummer, E., and Sons	Ditto	Cymmer, Maestag.
Pwlllydomen	Griffiths, J.	J. Griffiths	Swansea.
Ynisci	Gurnos Brick & Co., Ltd.	Ditto	Ystalyfera.
Baglan Hill	Pascoe, Grenfell, and Sons	W. Walters	Briton Ferry.
Bedlwyn	Glamorganshire Banking Co.	Wm. Wight	Cwmaman, Aberdare.
Garngoch	Glassbrook, John	C. Richard	Swansea.
Morrison	Ditto	John David	Morrison.
Garth	Garth Colliery Co., Ltd.	W. Rees	Bridgend.
Tynybedw	Gelli and Tynybedw Collieries Co.	Thos. Salathiel	Pontypridd.
Harris Navigation	Harris Navigation Coal Co., Ltd.	John Price	Treharris, Pontypridd.
Dinas, No. 2	Hunt & Co.	G. Boole	Dinas, Pontypridd.
Cwmclydach	Hill, S. and J.	S. Hill	Clydach, Swansea.
Graigola	Ditto	Ditto	Ditto.
Llynvi Valley	Humby, James	Wm. Rees	Llangonoyd, Bridgend.
Cymmer	Insole, George and Son	Thos. Griffiths	Pontypridd.
New Cymmer Level	Ditto	Ditto	Ditto.
Dunraven	Joseph, Thos., Mortgagees of.	M. Llewelyn	Treherbert.
Jersey	Jersey Coal and Brick Co.	E. Emanuel	Briton Ferry.
Graig Level	Joseph, Thos., Mortgagees of.	M. Llewelyn	Treherbert.
Lanely	Lanely Collieries Co., Ltd.	Wm. Cosslett	Llantrissant.
Llest	Llest Coal Co., Ltd.	T. H. Hopkins	Bridgend.
Llanwit Bettws	Lewis and Evans	Rees Price	Llanwit Bettws.
Danygraig	Lambert, C., & Co.	J. Phillips	Port Tennant.
Bontnewydd	Lewis, Wm.	Wm. Lewis	Pontypridd.
New Llantwit	New Llantwit Colliery Co.	D. Abraham	Llantrissant.

LIST of COAL MINES, OWNERS, and MANAGERS in the SOUTH WALES DISTRICT, 1884—*cont.*

Names of Collieries.	Names of Owners.	Manager.	Post Town.
<i>GLAMORGANSHIRE—cont.</i>			
Hafod - - -	Lewis' Merthyr Navigation Colliery Co., Ltd.	Wm. Davies - - -	Pontypridd.
Bertie - - -	Ditto - - -	Ditto - - -	Ditto.
Coedcae - - -	Ditto - - -	Ditto - - -	Ditto.
Graig Level - - -	London and South Wales Coal Co., Ltd.	D. Gibbon - - -	Ystradyfodwg.
North Dunraven - - -	Ditto - - -	Ditto - - -	Ditto.
No. 12, Gurwen - - -	Llynvi and Sonda Co., Ltd.	D. S. Rees - - -	Maesteg.
Tynwydd - - -	Ditto - - -	Chas. Lester - - -	Ditto.
Coegnant - - -	Ditto - - -	J. Ray - - -	Ditto.
No. 11 Level - - -	Ditto - - -	D. S. Rees - - -	Ditto.
No. 9 - - -	Ditto - - -	W. Samblyn - - -	Ditto.
Caedu - - -	Ditto - - -	Chas. Lester - - -	Tynwydd.
Wyndham - - -	Ditto - - -	E. James - - -	Bridgend.
Maesteg Deys - - -	Ditto - - -	W. Samblyn - - -	Maesteg.
Park Slip - - -	Ditto - - -	D. Jones - - -	Bridgend.
Maerdy - - -	Locket's Merthyr Steam Coal Co.	G. Thomas - - -	Pontypridd.
Llanlaed - - -	Llanlaed Colliery Co.	Dd. Davies - - -	Llantrissant.
Maritime - - -	Maritime Coal Co., Ltd.	M. Thomas - - -	Pontypridd.
Oullwyn - - -	Miers, H. L.	J. D. Jones - - -	Oullwyn, Neath.
Maesymarchog - - -	Maesymarchog Colliery Co.	William Evans - - -	Ditto.
Cefn Arda - - -	Mathew, Thos.	Thos. Mathew - - -	Gorseinon, Swansea.
Naval - - -	Naval Steam Coal Co.	D. Daniel - - -	Penygraig, Pontypridd.
National - - -	National Steam Coal Co., Ltd.	E. Evans - - -	Ynishir, Pontypridd.
Deep Duffryn - - -	Nixon's Navigation Co., Ltd.	W. Pritchard - - -	Mountain Ash.
Navigation - - -	Ditto - - -	Ditto - - -	Ditto.
Forest Level - - -	Ditto - - -	Ditto - - -	Ditto.
Merthyr Vale - - -	Ditto - - -	R. Snape - - -	Merthyr Vale, Merthyr Tydvil.
Llantwit - - -	Nance, W. E.	R. Rowland - - -	Llantrissant.
Nantgarw Llantwit - - -	Nantgarw Llantwit Coal Co.	E. Lewis - - -	Pontypridd.
Neath Merthyr - - -	Neath Merthyr Colliery Co.	T. Harrison - - -	Neath.
Aberdulais - - -	National Bank of Wales	W. T. Williams - - -	Ditto.
Penygraig, No. 2 - - -	Penygraig Coal Co.	M. Rowlands - - -	Penygraig, Pontypridd.
Ditto No. 3 - - -	Ditto - - -	Ditto - - -	Ditto.
Elba Main - - -	Pearse, A. Ll., & Co.	John Jones - - -	Gower Road, Swansea.
Cefn Golan - - -	Ditto - - -	Ditto - - -	Ditto.
Primrose - - -	Primrose Colliery Co.	D. Davies - - -	Pontardawe.
Cwmnantllwyd - - -	Ditto - - -	Ditto - - -	Ditto.
Coldcae Level - - -	Plymouth Works, Mortgagees of the.	E. Evans - - -	Merthyr Tydfil.
South Duffryn - - -	Ditto - - -	W. Rowlands - - -	Ditto.
Taibach - - -	Ditto - - -	Ditto - - -	Ditto.
No. 2, Clynnwel - - -	Ditto - - -	E. Evans - - -	Ditto.
Waun Level - - -	Ditto - - -	Ditto - - -	Ditto.
Abercanaed - - -	Ditto - - -	W. Rowlands - - -	Ditto.
Saron Level - - -	Ditto - - -	Ditto - - -	Ditto.
Penlan - - -	Penlan Coal Co.	T. Evans - - -	Dunvant.
Cwmneol - - -	Powell Duffryn Steam Coal Co., Ltd.	Rees Rees - - -	Aberdare.
Fforchaman - - -	Ditto - - -	Ditto - - -	Cwmaman, Aberdare.
Abercwmboi - - -	Ditto - - -	Thos. Railton - - -	Aberdare.
Aberaman - - -	Ditto - - -	Ditto - - -	Ditto.
Cwmdare - - -	Ditto - - -	C. Frame - - -	Ditto.
Lower Duffryn (Upper) - - -	Ditto - - -	W. Philip - - -	Mountain Ash.
Lower Duffryn (Lower) - - -	Ditto - - -	Ditto - - -	Ditto.
Middle Duffryn - - -	Ditto - - -	H. Davies - - -	Cwmbach, Aberdare.
Aberaman Graig - - -	Ditto - - -	J. G. Elliot - - -	Aberaman, Aberdare.
Treaman - - -	Powell Duffryn Steam Coal Co., Ltd.	C. Frame - - -	Aberdare.
Old Duffryn - - -	Ditto - - -	Ditto - - -	Ditto.
Abergwawr - - -	Ditto - - -	Ditto - - -	Ditto.
George - - -	Ditto - - -	W. Philip - - -	Ditto.
Penrikyber - - -	Penrikyber Navigation Steam Coal Co.	Ll. Llewelyn - - -	Mountain Ash.
Pwllfaron - - -	Thomas, John - - -	John Thomas - - -	Glyn Neath.
Penyroes - - -	Beddoe, Wm. - - -	W. Beddoe - - -	Nelson, Treharris.
Rhondda Merthyr Drift - - -	Rhondda Merthyr Steam Coal Co.	John Jones - - -	Treherbert.
Rhondda Merthyr - - -	Ditto - - -	Ditto - - -	Ditto.
Eithran - - -	Rees, J. Lewis - - -	J. L. Rees - - -	Clydach, Swansea.
Rhondda Mountain - - -	Rhondda Mountain Coal Co.	W. Jones - - -	Glyn Neath.
Dunvant - - -	Richard, P. - - -	J. Davis - - -	Killay, Swansea.
Fforchneal - - -	Pender, F. - - -	P. Williams - - -	Cwmaman, Aberdare.
Mountain - - -	Sterry, Alfred, Executors of late.	W. Harries - - -	Swansea.
Goryydd - - -	Ditto - - -	Ditto - - -	Ditto.
Hendreforgan - - -	Swansea Anthracite Colliery Co., Ltd.	J. Walters - - -	Cwmtwrch, Swansea.
Squborwen - - -	Thomas, S. - - -	E. Hayhurst - - -	Aberdare.
Clydach Vale - - -	Thomas Riches & Co.	Ditto - - -	Pontypridd.

LIST of COAL MINES, OWNERS, and MANAGERS in the SOUTH WALES DISTRICT, 1884—*cont.*

Names of Collieries.	Names of Owners.	Manager.	Post Town.
GLAMORGANSHIRE— <i>cont.</i>			
Emily - - -	Thomas, A. H. - - -	M. H. Thomas - - -	Llansanlet, Swansea.
Heolddu - - -	Ditto - - -	Ditto - - -	Ditto.
Wern Ganol Level - - -	Thomas, L. - - -	L. Thomas - - -	Nelson, Pontypridd.
Tylors - - -	Tylor, A., & Co. - - -	R. Jones - - -	Pontypridd.
No. 2 Level, Transatlantic - - -	Transatlantic Steam Coal Colliery Co., Ltd. - - -	I. R. Williams - - -	Pontycymer Garw Valley.
Nant Merthyr - - -	Thomas & Co. - - -	T. Lloyd - - -	Neath.
Tylacoch - - -	Thomas & Evans, Ltd. - - -	J. Evans - - -	Treorky, Pontypridd.
Tynnewydd - - -	Troedyrhew Coal Co. - - -	Zephaniah Thomas - - -	Porth, Pontypridd.
Ynysfais - - -	Ditto - - -	A. L. Lewis - - -	Treherbert.
Mynochdy - - -	Thomas, D. - - -	T. Phillips - - -	Ynysyawl, Pontypridd.
Pwllgwaun - - -	Ditto - - -	Ditto - - -	Pontypridd.
Tyricha - - -	Thomas, E. - - -	E. Thomas - - -	Gorsecaon, Swansea.
Killepate and Dinas - - -	Vale of Neath Brick and Cement Co. - - -	J. W. Young - - -	Neath.
Morfa - - -	Vivian and Sons - - -	T. Gray - - -	Taibach.
Penflia - - -	Ditto - - -	M. Matthews - - -	Swansea.
Pentrefellen - - -	Ditto - - -	J. Harris - - -	Morrison, Swansea.
Pentre - - -	Ditto - - -	M. Matthews - - -	Swansea.
Mynydd Newydd - - -	Ditto - - -	J. Williams - - -	Ditto.
Cathelyd - - -	Ditto - - -	S. Davies - - -	Clydach, Swansea.
Brynwilach - - -	Vivian, Sir H. H., Bart. - - -	E. R. Daniel - - -	Llangyfelach, Swansea.
Wenallt Merthyr - - -	Wenallt Merthyr Colliery Co. - - -	M. Reynolds - - -	Aberdulais, Neath.
Ditto ditto - - -	Ditto - - -	W. David - - -	Neath.
West Rhonda - - -	Robinson, T. R. - - -	M. Reynolds - - -	Bridgend.
Prosper Level - - -	Williams, Wm. - - -	Wm. Williams - - -	Hirwain.
Tower Craig - - -	Ditto - - -	Ditto - - -	Ditto.
Cribbwr Main - - -	Williams and Davies - - -	L. W. Lewis - - -	Pencod, Bridgend.
Weigfach - - -	Worcester Coal Co. - - -	B. Thomas - - -	Swansea.
Penallt Junction - - -	Williams, T. - - -	T. Williams - - -	Treharris.
Wenallt - - -	Williams, J., & Co., Ltd. - - -	R. Ritson - - -	Aberdulais, Neath.
Welsh Main - - -	Welsh Main Colliery Co. - - -	J. Popham - - -	Maesteg.
Weig - - -	Weig Coal Co. - - -	W. Hopkins - - -	Swansea.
Gadlys - - -	Wayne's Merthyr Co., Ltd. - - -	W. Thomas - - -	Aberdare.
Aberpergwm - - -	Williams, M. S. - - -	J. Thomas - - -	Glyn, Neath.
Ynisher - - -	Ynisher Steam Coal Co. - - -	John Jones - - -	Ynisher, Pontypridd.
Ystradgynlais and Swansea Co. - - -	Ystradgynlais and Swansea Colliery Co., Ltd. - - -	T. Lloyd - - -	Ystradgynlais, Swansea.
PEMBROKESHIRE.			
Bonvilles Court - - -	Bonvilles Court Coal and Iron Co. - - -	R. Williams - - -	Begelly.
Kilgetty and Grove Hook - - -	Ditto - - -	B. Waters - - -	Ditto.
Hook - - -	Hook Colliery Co. - - -	E. J. Bëor - - -	Llangwm, Haverford-west.
Moreton - - -	Moreton Colliery Co. - - -	D. Price - - -	Saundersfoot R.S.O.
Goutto - - -	Walters and Canton - - -	P. Phelps - - -	Folly Rock, Haverford-west.

## LIST of MINES and OWNERS under the METALLIFEROUS MINES ACT in the SOUTH WALES DISTRICT, 1884.

Names of Mines.	Names of Owners.	Manager.	Post Towns and Counties.
Garth - - -	Cardiff Iron and Tinplate Co., Ltd. - - -	E. D. Howell - - -	Pentyrch, near Cardiff, Glamorganshire.
Trelech Lead - - -	Evans, L. H. - - -	L. Evans - - -	Trelech, Carmarthenshire.
Llanfyrnach Silver Lead Mine - - -	Ditto - - -	Ditto - - -	Llanfyrnach, Pembroke-shire.
Mwyndy - - -	Mwyndy Iron Ore Co., Ltd. (in liquidation). - - -	S. Vivian - - -	Llantrissant, Glamorganshire.
Trecastle - - -	Ditto - - -	Ditto - - -	Llanharry, Glamorganshire.
Penegarreg - - -	Penegarreg Lead Mining Co., Ltd. - - -	L. Evans - - -	Talley, Carmarthenshire.
Nantmwyn - - -	Williams & Co. - - -	G. Oates - - -	Llandoverly, Carmarthenshire.

## (7.) Yorkshire and Lincolnshire District.

MR. FRANK N. WARDELL.

LIST of OWNERS, MINES, and MANAGERS under the COAL MINES REGULATION ACT, in YORKSHIRE, 1884.

Owner or Company, and Postal Address.	Name of Mine or Colliery.	Where situated.	Manager or Agent.	Remarks.
Barrow Hæmatite Steel Co., Barnsley.	Barrow - -	Barnsley -	Jonathan Piggford -	Coal.
T. W. Naylor, Darton, near Barnsley.	Belle Vue - -	Ditto -	T. W. Naylor -	Ditto.
Blacker Main Coal Co., Barnsley	Blacker Main -	Ditto -	W. B. Hodgson -	Ditto.
Yorkshire and Derbyshire Coal and Iron Co., Barnsley.	Carlton Main -	Ditto -	John Johnson -	Ditto.
Webster and Sykes -	Cawthorne Basin -	Ditto -	- - -	Ditto.
Corton Wood Coal Co., Barnsley	Corton Wood -	Ditto -	W. Bailes -	Ditto.
J. Goody, Barnsley -	Darfield Fire-clay Mine.	Ditto -	J. Goody -	Fire-clay.
Darfield Main Coal Co., Darfield, near Barnsley.	Darfield Main -	Ditto -	J. E. Chambers -	Coal.
Darley Main Coal Co., Barnsley	Darley Main -	Ditto -	J. Walton -	Ditto.
Darton Coal Co., Barnsley -	Darton Hall -	Ditto -	G. J. Burnley -	Ditto.
Silkstone and Dodworth Coal and Iron Co., Higham, near Barnsley.	Dodworth -	Ditto -	Enoch Foden -	Ditto.
R. Craik & Co., Barnsley -	East Gawber -	Ditto -	W. Knighton -	Ditto.
Robert Leather, Havercroft, near Barnsley.	Ellis Laith -	Ditto -	R. Leather -	Ditto.
Edmunds Main Co., Barnsley -	Edmunds Main -	Ditto -	H. E. Gregory -	Ditto.
H. Deighton -	Gawber Hall -	Ditto -	H. Deighton -	Ditto.
Billington and Bostock -	Hall Royd -	Ditto -	Jas. Wilson -	Ditto.
Fountain and Son, Haigh, near Barnsley.	Haigh -	Ditto -	Jas. Auckland -	Ditto.
Hodroyd Coal Co., Havercroft, near Barnsley.	Hodroyd -	Ditto -	A. B. Southall -	Ditto.
Hoyland Silkstone Colliery Co., Ltd., Barnsley.	Hoyland Silkstone -	Ditto -	Jas. Finch -	Ditto.
Houghton Main Coal Co., Darfield, near Barnsley.	Houghton Main -	Ditto -	J. Elliott -	Ditto.
Lundhill Coal Co., Barnsley -	Lundhill -	Ditto -	J. Robinson -	Ditto.
Mitchell Main Co., Ltd., Barnsley	Mitchell Main -	Ditto -	J. Mitchell -	Ditto.
Monckton Main Co. -	Monckton Main -	Ditto -	A. B. Southall -	Ditto.
Fountain and Son, Haigh, near Barnsley.	Moor House -	Ditto -	Jas. Auckland -	Ditto.
Monk Bretton Coal Co., Barnsley	Monk Bretton -	Ditto -	W. Tate -	Ditto.
Fountain and Burnley -	North Gawber -	Ditto -	G. J. Burnley -	Ditto.
C. Cammell & Co., Barnsley -	Oaks -	Ditto -	J. Mosby -	Ditto.
Senior Brothers, Barnsley -	Oakwell -	Ditto -	A. Senior -	Ditto.
R. C. Clarke, Barnsley -	Old Silkstone -	Ditto -	U. Mason -	Ditto.
Coopers & Co., Worsbro' Park, near Barnsley.	Old Silkstone Main	Ditto -	R. Miller -	Ditto.
Darley Main Coal Co., Barnsley	Pindar Oaks -	Ditto -	J. Walton -	Ditto.
T. A. Mann & Co., Rockley, near Barnsley.	Rockley -	Ditto -	Sydney A. Smith -	Coal and iron-stone.
Newton, Chambers, & Co., Hoyland, near Barnsley.	Rockingham -	Ditto -	C. Hodgson -	Ditto.
Silkstone and Dodworth Coal and Iron Co., Higham, near Barnsley.	Silkstone -	Ditto -	Enoch Foden -	Coal.
J. W. Baker -	Silkstone Clay Mine	Ditto -	- - -	Ditto.
Marland -	Flockton, Stockhills	Ditto -	T. Robson -	Ditto.
C. Marsden and Son, Barnsley -	Smithies -	Ditto -	R. Simpson -	Ditto.
G. A. Haworth & Co. -	Stanhope Silkstone	Ditto -	John Dormand -	Ditto.
Edmunds Main Co., Barnsley -	Swaithe Main -	Ditto -	H. E. Gregory -	Ditto.
Strafford Coal Co., Barnsley -	Strafford -	Ditto -	J. Ritson -	Ditto.
Willow Main Coal Co., Barnsley	Tingle Bridge -	Ditto -	W. Bailes -	Ditto.
Fountain and Son, Barnsley -	Underhill -	Ditto -	Jas. Auckland -	Ditto.
Sutcliffe & Co., Barnsley -	Victoria -	Ditto -	A. Beacher -	Ditto.
Wharnccliffe Silkstone Coal Co., Wortley, near Sheffield.	Wharnccliffe Silkstone.	Ditto -	G. B. Walker -	Ditto.
H. A. Allport, Carlton, near Barnsley.	Wharnccliffe Woodmoor.	Ditto -	G. Parry -	Ditto.
Fountain and Burnley -	Willow Bank -	Ditto -	G. J. Burnley -	Ditto.
Haigh and Dyson, Barnsley -	Winter Hill -	Ditto -	Chas. Dyson -	Ditto.
Wombwell Main Coal Co., Barnsley	Wombwell Main -	Ditto -	W. Gray -	Ditto.
Woolley Coal Co., Darton, near Barnsley.	Woolley -	Ditto -	J. E. Chambers -	Ditto.
Coopers & Co., Worsbro' Park, near Barnsley.	Worsbro' Park -	Ditto -	R. Miller -	Ditto.
J. Overend, Wood, & Co., Holling	Denholme -	Bingley -	- - -	Ditto.
Isaac Wood & Co., Hazel Crook-	Ditto -	Ditto -	- - -	Ditto.
Wood and Sons, Bingley	Wilsden -	Ditto -	- - -	Ditto.

## LIST of OWNERS, MINES, and MANAGERS, under the COAL MINES REGULATION ACT, in YORKSHIRE, 1884—cont.

Owner or Company, and Postal Address.	Name of Mine or Colliery.	Where situated.	Manager or Agent.	Remarks.
E. Clayton, Thornton, near Bradford.	Alderscholes	Bradford	E. Clayton	Coal.
Bowling Iron Co., Bowling, near Bradford.	Allerton	Ditto	F. Pearce	Coal and iron-stone.
Wood and Son, Thornton, near Bradford.	Ditto	Ditto	"	Coal.
Joseph Moulson	Baldon Moor	Ditto	J. Moulson	Ditto.
Bowling Iron Co., Bowling, near Bradford.	Wood, Hunsworth	Ditto	F. Pearce	Coal and iron-stone.
W. Ackroyd Brothers	Birkenshaw	Ditto	"	"
Bowling Iron Co., Bowling, near Bradford.	Cleckheaton Hunsworth.	Ditto	F. Pearce	Ditto.
J. and D. Mosley	Booth Holme, Birkenshaw.	Ditto	Isaac Foster	Coal.
Bowling Iron Co., Bowling, near Bradford.	Hill	Ditto	F. Pearce	Coal and iron-stone.
Bowling Iron Co., near Bradford	Valley	Ditto	"	Ditto.
Ditto	Cleckheaton	Ditto	Ditto	Ditto.
Bowling Iron Co., Bradford	Ditto	Ditto	Ditto	Ditto.
Hird, Dawson, and Hardy, Low Moor, near Bradford.	Bateman, Cleckheaton.	Ditto	E. Woodhead	Ditto.
Ditto	Coates, Clifton	Ditto	Ditto	Ditto.
Ditto	Cow Close Wyke	Ditto	Ditto	Ditto.
Ditto	High Moor Lane, Clifton.	Ditto	Ditto	Ditto.
Hird, Dawson, and Hardy	Flatts, Clifton	Ditto	Ditto	Ditto.
Ditto	Flathers	Ditto	Ditto	Ditto.
Bowling Iron Co.	"F." pit, Tong	Ditto	F. Pearce	Ditto.
John R. Fyfe & Co., Bradford	Heaton (Shipley)	Ditto	"	Coal and fire-clay.
Hird, Dawson, and Hardy, Low Moor, near Bradford.	Hill, Oakenshaw	Ditto	E. Woodhead	Coal and iron-stone.
Bowling Iron Co., Bowling, near Bradford.	Charles, Tong	Ditto	F. Pearce	Ditto.
Ditto	Hunsworth Crosses	Ditto	Ditto	Ditto.
Jos. Cliffe and Sons, Laister Dyke, near Bradford.	Laister Dyke	Ditto	C. Houfton	Coal and fire-clay.
Holt, Thomas, and Healey	Lodge Farm, Hunsworth.	Ditto	J. Lambert	Coal.
Hird, Dawson, and Hardy	Long, Oakenshaw	Ditto	E. Woodhead	Coal and fire-clay.
Holt, Thomas, and Healey, Cleckheaton, near Bradford.	Merchant Fields	Ditto	J. Lambert	Ditto.
Bowling Iron Co., Bowling, near Bradford.	North Bierley	Ditto	F. Pearce	Coal.
Hird, Dawson, and Hardy	"Mill" Wyke	Ditto	Ditto	Ditto.
Broadbent and Johnson Tong, near Bradford.	Newmarket	Ditto	S. Broadbent	Coal and iron-stone.
Hird, Dawson, and Hardy, Low Moor, Bradford.	Oakenshaw, Rhodes	Ditto	E. Woodhead	Ditto.
John Harrison, Birkenshaw, near Bradford.	Oakroyd	Ditto	J. Harrison	Coal.
Hird, Dawson, and Hardy, Low Moor, near Bradford.	Wavell, Scholes	Ditto	E. Woodhead	Ditto.
Terry and Rushforth Tong, near Bradford.	Red Hill	Ditto	Wm. Rushforth	Ditto.
Hird, Dawson, and Hardy, Low Moor, near Bradford.	Rooks Hipperholme	Ditto	E. Woodhead	Coal and iron-stone.
Ditto	Scholes, Cleckheaton	Ditto	Ditto	Ditto.
Ditto	Crowd Hill	Ditto	Ditto	Ditto.
Crosland Coal Co., Cleckheaton, near Bradford.	Scholes	Ditto	E. Flathers	Ditto.
W. Firth, Shipley, near Bradford	Shipley Moor	Ditto	W. Firth	Coal.
Hird, Dawson, and Hardy, Low Moor, near Bradford.	Syke	Ditto	E. Woodhead	Coal and iron-stone.
Wood and Son, Thornton, near Bradford.	Thornton	Ditto	"	Coal.
Hird, Dawson, and Hardy, Low Moor, near Bradford.	Doles Lane, Clifton	Ditto	E. Woodhead	Ditto.
Bowling Iron Co., Bowling, near Bradford.	Ditto	Ditto	F. Pearce	Ditto.
Hird, Dawson, and Hardy	Kaye	Ditto	E. Woodhead	Ditto.
Ditto	Taylor Mills	Ditto	Ditto	Ditto.
Hird, Dawson, and Hardy, Low Moor, near Bradford.	Westfield, Wike	Ditto	"	Ditto.
Ditto	Rakelands	Ditto	Ditto	Coal and iron-stone.
Ditto	Woodside	Ditto	Ditto	Ditto.
Hird, Dawson, and Hardy, Low Moor, near Bradford.	Valley, Cleckheaton	Ditto	Ditto	Coal.
Crawshaw and Warburton, Dewsbury.	Babes in Wood	Dewsbury	G. F. Beacher	Ditto.
Raynor Brothers, Dewsbury	Bank Top	Ditto	W. Smith	Ditto.
Jas. Critchley, Batley, near Dewsbury.	Batley	Ditto	W. Midgley	Ditto.

LIST of OWNERS, MINES, and MANAGERS, under the COAL MINES REGULATION ACT, in YORKSHIRE, 1884—*cont.*

Owner or Company, and Postal Address.	Name of Mine or Colliery.	Where situated.	Manager or Agent.	Remarks.
Chas. Wheatley, Mirfield, Dewsbury.	Calder	Dewsbury	J. Armitage	Coal.
Chickenley Heath Co.	Chickenley Heath	Ditto	A. B. Blakeley	Ditto.
Crawshaw and Warburton, Dewsbury.	Chidswell	Ditto	G. F. Beacher	Ditto.
E. T. Ingham Thornhill, near Dewsbury.	Combs	Ditto	J. Taylor	Ditto.
Mirfield Coal Co.	Dark Lane	Ditto	Jas. Shires	Ditto.
John Cutt, Bristfield, near Dewsbury.	Howroyd	Ditto	J. Cutt	Ditto.
G. and J. Haigh, Dewsbury	Dewsbury Moor	Ditto	W. Haigh	Ditto.
Jos. Bedford, Whitley, near Dewsbury.	Falhouse	Ditto	T. Bedford	Ditto.
Mirfield Coal Co., Mirfield	Gregory Spring	Ditto	J. Nevin	Ditto.
J. and J. C. Wheatley	Hopton Mill, Mirfield	Ditto	Ditto	Sinking coal.
E. T. Ingham, Thornhill, Dewsbury.	Ingham	Ditto	J. Taylor	Coal.
G. and J. Haigh	Staincliffe	Ditto	W. Haigh	Ditto.
Chas. Wheatley, Mirfield, Dewsbury.	Oak-Wood	Ditto	J. Armitage	Ditto.
Chas. Wheatley, Mirfield	Ledgard Bridge	Ditto	Ditto	Ditto.
Nevin and Barraclough, Mirfield	Mirfield	Ditto	J. Nevin	Ditto.
Rhodes, Wright, and Wroe, near Dewsbury.	Park Farm, Heckmondwike.	Ditto	H. Parkin	Ditto.
G. and J. Haigh, Dewsbury	Ravens Lodge	Ditto	W. Haigh	Ditto.
Crawshaw and Warburton, Dewsbury.	Ridings	Ditto	G. F. Beacher	Ditto.
Roach Coal Co., Batley	Roach	Ditto	W. Smith	Ditto.
Crawshaw and Warburton, Dewsbury.	Saville	Ditto	G. F. Beacher	Ditto.
Ditto	Show Cross	Ditto	Ditto	Ditto.
Ditto	Soothill	Ditto	Ditto	Ditto.
J. Blakeley, Dewsbury	Soothill Wood	Ditto	A. Blakeley	Ditto.
Benjn. Barraclough, Mirfield	Upper Crosley	Ditto	B. Barraclough	Ditto.
Oates and Green	Beacon Hill	Halifax	-	-
Charlestoun Brick and Tile Co., Halifax.	Charlestown	Ditto	-	Sinking.
Jas. Hebblethwaite	Cinder Hill, Southowram.	Ditto	E. Shore	Coal and fire-clay.
Jas. Rawson	Damhead, Northowram.	Ditto	J. Rawson	-
Robinson & Co., Elland, Halifax	Elland	Ditto	S. Wilkinson	Coal and fire-clay.
Ellen Royd Brick Co.	Ellen Royd	Ditto	T. Radcliffe	Ditto.
G. and W. Halliday	Howcans, Boothtown	Ditto	-	Ditto.
John Lister, Halifax	Lower Shibden	Ditto	C. P. Proctor	Coal.
Julius Whitehead	New Bank	Ditto	-	Coal and fire-clay.
Geo. Greenwood	Ditto	Ditto	-	Ditto.
Lutz and Armitage	New Hall	Ditto	-	Ditto.
Holmes and Stocks, Halifax	Quarry House	Ditto	G. Booth	Coal.
Joseph Briggs and Sons, Halifax	Queensbury	Ditto	Wm. Briggs	Ditto.
Michael Stocks, Halifax	Shaw Lane	Ditto	S. Sharp	Ditto.
Holmes & Co., Halifax	Shibden	Ditto	G. Booth	Ditto.
John Lister, Halifax	Shibden Hall	Ditto	C. P. Proctor	Ditto.
Michael Stocks, Halifax	Shibden Head	Ditto	S. Sharp	Ditto.
Briggs and Sons, Queensbury, Halifax	Hole Bottom	Ditto	J. S. Briggs	Ditto.
Michael Stocks, Halifax	Cocking Lane	Ditto	Ditto	Ditto.
Halifax Coal Co., Halifax	Shugden	Ditto	S. Sharp	Ditto.
J. and J. Farrar	Sunny Bank	Ditto	C. P. Proctor	Ditto.
Edmund Kitson	Victoria, Elland	Ditto	-	Coal and fire-clay.
Hirst and Lockwood, Hepworth, near Holmfirth.	Woodman Clay Mine, Elland.	Ditto	-	Ditto.
C. S. and H. W. Tinker, Holmfirth	Barnside	Holmfirth	Wm. Hirst	Coal.
Hepworth Iron Co., New Mills, near Holmfirth	Gatehead	Ditto	C. Rhodes	Ditto.
Copley and Gibson	Hepworth	Ditto	T. Batty	Ditto.
J. and A. Kaye, Hepworth	Hollin House	Ditto	Ditto	Ditto.
C. S. and H. W. Tinker, Holmfirth	Foster Place, Hepworth.	Ditto	-	Ditto.
C. S. and H. W. Tinker	Knowles	Ditto	A. Kaye	Ditto.
Seth. Senior, and Sons, Huddersfield.	Wood	Ditto	C. Rhodes	Ditto.
Matthews & Co., Shelley, near Huddersfield.	Hepshaw	Ditto	Ditto	Ditto.
Norton Brothers & Co., Clayton West, near Huddersfield.	Box Ings	Huddersfield	E. Rhodes	Ditto.
Schofield and Forbes, Huddersfield.	California	Ditto	-	Ditto.
Norton Brothers & Co., Clayton West, near Huddersfield.	Clayton Common	Ditto	H. Helliwell	Ditto.
Schofield and Forbes, Huddersfield.	Denby Dale	Ditto	H. Schofield	Sinking.
Norton Brothers & Co., Clayton West, near Huddersfield.	Duke Wood	Ditto	H. Helliwell	Coal.

LIST of OWNERS, MINES, and MANAGERS, under the COAL MINES REGULATION ACT, in YORKSHIRE, 1884—cont.

Owner or Company, and Postal Address.	Name of Mine or Colliery.	Where situated.	Manager or Agent.	Remarks.
Edward Brooke and Sons, Huddersfield.	Fieldhouse -	Huddersfield -	A. Lupton -	Coal and fire-clay.
J. Alderson and Son -	Greenhouse, Shelley -	Ditto -	Gt. Brook -	Ditto.
Charles Wheatley -	Heaton Hall -	Ditto -	J. Armitage -	Sinking.
Chas. Wheatley, Mirfield -	Helm -	Ditto -	Paul Priestley -	Coal.
Henry Lister -	High Park, Bradley -	Ditto -	-	Ditto.
W. Allott -	Hollinghouse, Clayton West.	Ditto -	J. W. Saville -	Ditto.
Messrs. Cardwell, Huddersfield -	Falhouse -	Ditto -	M. Brooke -	Ditto.
E. Heeley & Co. -	Lane End, New Mills -	Ditto -	-	Ditto.
G. Hey, Huddersfield -	Linfit -	Ditto -	G. Hey -	Ditto.
James Schofield -	Lower Cumberworth -	Ditto -	H. Schofield -	Ditto.
Ed. Brook and Sons, Huddersfield	Stile Common -	Ditto -	W. Taylor -	Coal and fire-clay.
Adam Hirst -	Oxlee, Hepworth -	Ditto -	A. Hirst -	-
George Brooke -	Portland, Highburton -	Ditto -	Gt. Brook -	Coal.
Mellor and Sanderson, Denby Dale, near Huddersfield.	Pulling Hill -	Ditto -	-	Sinking.
H. T. Beaumont, Huddersfield -	Schrogg -	Ditto -	W. J. Dunderdale -	Coal.
Messrs. Haigh, Huddersfield -	Sinking Wood -	Ditto -	J. Haigh -	Ditto.
John Haigh and Sons, Huddersfield.	Snowgatehead -	Ditto -	Ditto -	Ditto.
W. Lodge & Co., Highburton, near Huddersfield.	Thorncliffe Green -	Ditto -	Eli Rhodes -	Ditto.
Kempenny and Robinson, Huddersfield.	Thurstonland -	Ditto -	-	Ditto.
G. H. Schofield & Co., Clayton West, near Huddersfield.	Toppit -	Ditto -	J. Hargrave -	Ditto.
Messrs. Cardwell, Hopton, near Mirfield.	Whitley, Clough -	Ditto -	M. Brooke -	Ditto.
W. Bracewell, Ingleton -	Ingleton -	Ingleton -	E. Danson -	Ditto.
T. and R. Bower, Woodlesford, near Leeds -	Allerton Main -	Leeds -	J. W. H. White -	Ditto.
W. Midgley, Leeds -	Astley -	Ditto -	Ditto -	Ditto.
West Yorkshire Iron and Coal Co., West Ardsley, near Leeds.	Baldon Moor -	Ditto -	B. Jowett -	Ditto.
Farnley Iron Co., Farnley, near Leeds.	Balaklava -	Ditto -	R. Turnbull -	Coal and iron-stone.
Hird, Dawson, and Hardy, Beeston	Briggs -	Ditto -	C. Sheard -	Ditto.
Benjamin North, Wortley, near Leeds.	Bye -	Ditto -	Levi Woodhead -	Ditto.
Fearnley Garforth -	Blue Hills Lane -	Ditto -	B. North -	Coal.
Newmarket Coal Co., Drighlington, near Leeds.	Britannia Main, Drighlington.	Ditto -	-	-
E. J. W. Waterhouse -	Bushey -	Ditto -	S. Butterfield -	Ditto.
George Brooke -	Calder Lower Fire-clay Mine, Elland.	Ditto -	E. J. W. Waterhouse -	Fire-clay.
Hird, Dawson, and Hardy, Low Moor, near Bradford.	Church Field, Robert Town.	Ditto -	Gt. Brooke -	Sinking.
William Ward, Churwell, near Leeds.	Churwell -	Ditto -	Levi Woodhead -	Coal and iron-stone.
Hird, Dawson, and Hardy, Low Moor, Bradford.	Ditto -	Ditto -	W. Ward -	Ditto.
Jos. Cliffe & Sons -	Beggar Hills -	Ditto -	Levi Woodhead -	Coal.
Lister & Co., Morley, Leeds -	Lee -	Ditto -	Ditto -	Coal and iron-stone.
Bedford & Co., Morley, Leeds -	Busk, Wortley -	Ditto -	C. Houfton -	Ditto.
Farnley Iron Co., Farnley, Leeds	Dartmouth -	Ditto -	B. Keightley -	Coal.
F. Garforth, Drighlington, Leeds	Dean Hall -	Ditto -	G. Bedford -	Ditto.
Farnley Iron Co., Farnley, Leeds	Dixon -	Ditto -	C. Sheard -	Coal and iron-stone.
William Wood, Methley, Leeds -	Doleswood -	Ditto -	F. Garforth -	Coal.
Garforth Coal Co., Garforth, Leeds.	Farnley -	Ditto -	C. Sheard -	Coal and iron-stone and fire-clay.
William Ward, Churwell, Leeds -	Foxholes -	Ditto -	T. Embleton, jun. -	Coal.
Clayton and Speight, Leeds -	Garforth -	Ditto -	R. Routledge -	Ditto.
Alfred West -	Geldard Road -	Ditto -	W. Ward -	Ditto.
John Scott, Leeds -	Farnley Wood, Gelderd Road, Gildersome.	Ditto -	-	Ditto.
Joshua Taylor, Leeds -	Gomersal -	Ditto -	A. West -	Ditto.
Robinson & Co., Hunslet, Leeds	Gomersal Main -	Ditto -	W. Green -	Ditto.
W. Woodhead & Son -	Ditto -	Ditto -	J. W. Furness -	Ditto.
Hird, Dawson, and Hardy	Green Man -	Ditto -	-	Ditto.
Ed. Marriott -	Grove, Farnley -	Ditto -	W. Woodhead -	Ditto.
Howdenclough Colliery Co.	Milnes, Beeston -	Ditto -	Levi Woodhead -	Ditto.
Holly Park Mills Co. -	Hartshead, Normananton.	Ditto -	E. Marriott -	Ditto.
	Howdenclough -	Ditto -	D. Ashton -	Ditto.
	Holly Park, Calverley.	Ditto -	J. Taylor -	Ditto.

## LIST of OWNERS, MINES, and MANAGERS, under the COAL MINES REGULATION ACT, in YORKSHIRE, 1884—cont.

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Garforth and Townsend, Adwalton, Leeds.	Horse Riggs	Leeds	-	Coal.
Howley Park Coal Co., Batley, Leeds.	Howley Park	Ditto	A. Jackson	Ditto.
F. B. Ellison, Leeds	Idle	Ditto	F. B. Ellison	Ditto.
Farnley Iron Co., Farnley, Leeds	Ingham	Ditto	C. Sheard	Ditto.
Kippax Sand Mine Co.	Kippax	Ditto	-	Sandstone.
Trustees of James Kellett	Joan Royd, Heckmondwike.	Ditto	Thos. Thresh	Coal.
York Road Coal and Iron Co., Leeds.	Killingbeck	Ditto	W. Shepherd	Coal, ironstone, and fire-clay.
J. Proctor	Kippax, Quarry Hill Sand Mine.	Ditto	J. Proctor	Sandstone.
Locke & Co., Leeds	Kippax	Ditto	W. Wilson	Coal.
John Jackson & Son, Gomersal, Leeds.	Lanes Wood	Ditto	R. Lambert	Ditto.
Crowth & Co., Leeds	Little Gomersal	Ditto	-	Ditto.
John Maun, Liversedge, Leeds	Lumb Lane	Ditto	Abel Mann	Sinking.
F. Garforth, Drighlington, Leeds	Lumb Wood	Ditto	F. Garforth	Coal.
J. Cliff & Sons, Micklefield, Leeds.	Micklefield	Ditto	C. Houfton	Ditto.
Middleton Coal Co., Middleton, Leeds.	Middleton	Ditto	John Neal	Ditto.
W. Ackroyd and Brothers, Morley, Leeds.	Morley Main	Ditto	J. Pattison	Ditto.
Morley West End Coal Co., Leeds	Morley, West End	Ditto	J. H. Haigh	Ditto.
Alfred West, Birstal	Muffitt Lane	Ditto	A. West	Coal.
Norwegian Titanic Iron Co., Leeds.	Neville Hill	Ditto	G. Broadhead	Coal and ironstone.
Grosvenor and Son, Middleton, Leeds.	New Hall	Ditto	A. Lupton	Coal.
J. H. Watson, Adwalton, Leeds	Newmarket	Ditto	J. H. Watson	Coal and fire-clay.
John Mann	Nunbrook, Mirfield	Ditto	-	Ditto.
John Taylor, Robert Town	Old Hall	Ditto	J. Taylor	Ditto.
Hird, Dawson, and Hardy, Low Moor, Bradford.	Osmondthorpe	Ditto	G. Foster	Coal.
Park Coal Co., Liversedge, near Leeds.	Park	Ditto	J. Fletcher	Ditto.
T. H. Jackson, Liversedge, Leeds	Primrose Hill	Ditto	T. Jackson	Ditto.
Jos. Wright, Liversedge, Leeds	Quaker Lane	Ditto	J. S. Wright	Ditto.
Bill Hanson	Quaker Lane, Liversedge.	Ditto	-	Ditto.
Hird, Dawson, and Hardy	Railway, Osmondthorpe.	Ditto	G. Foster	Ditto.
Clayton and Speight, Leeds	Ravels, Beeston Royds.	Ditto	-	Ditto.
Mann & Co., Roberttown, Normanton.	Roberttown	Ditto	J. Mann	Ditto.
Wilcock & Co., Bumanofts, Leeds.	Rock	Ditto	A. Lupton	Coal, ironstone, and fire-clay.
J. & J. Charlesworth, Rothwell Haigh, Leeds.	Rothwell Haigh	Ditto	Jas. Hargreaves	Coal and ironstone.
Alfred West, Birstal, Leeds	Smithies	Ditto	A. West	Coal.
Fearnley Garforth, Drighlington, Leeds.	Spring Gardens	Ditto	F. Garforth	Ditto.
Stanley Coal Co., Liversedge, Leeds.	Stanley Main	Ditto	W. H. Sharp	Ditto.
Liversedge Coal Co., Liversedge, Leeds.	Strawberry Bank	Leeds	W. Marshall	Ditto.
Reddick, Drighlington, Leeds	Sykes	Ditto	T. Reddick	Ditto.
Tanhouse Mill Co., Liversedge, Leeds.	Tanhouse Mill	Ditto	-	Ditto.
Farnley Iron Co., Farnley, Leeds	Sowden	Ditto	C. Sheard	Coal and fire-clay.
Healey and Pettý, Birkenshaw, Leeds.	Tong Moor	Ditto	J. Lambert	Coal.
Thomas Blocksage	Tonge, Royds Elland	Ditto	-	Clay.
Messrs. Haigh, Morley, Leeds	Victoria	Ditto	M. Laing	Coal.
J. Towler, Adwalton, Leeds	Ditto	Ditto	J. Towler	Ditto.
Brooks and Pickup, Leeds	Waterloo Main	Ditto	Jas. Bywater	Ditto.
J. Jackson and Son, Gomersal, Leeds.	West Lane	Ditto	R. Lambert	Sinking.
Farnley Iron Co., Farnley, Leeds	White	Ditto	C. Sheard	Coal and ironstone.
York Road Iron and Coal Co., York Road, Leeds.	White Horse	Ditto	W. Shepherd	Coal, ironstone, and fire-clay.
Alfred West, Leeds	White Lee	Ditto	A. West	Coal.
Rushforth and Wheatley	Wire Hall, Adwalton	Ditto	-	Ditto.
Ingham and Son, Wortley, Leeds.	Wortley	Ditto	W. Brogden	Coal, ironstone and fire-clay.
Cliff and Son, Wortley, Leeds	-	Ditto	C. Houfton	Ditto.

## LIST of OWNERS, MINES, and MANAGERS, under the COAL MINES REGULATION ACT, in YORKSHIRE, 1884—cont.

Owner or Company, and Postal Address.	Name of Mine or Colliery.	Where situated.	Manager or Agent.	Remarks.
H. Briggs, Son, & Co., Normanton.	Don Pedro -	Normanton -	W. G. Jackson -	Coal.
Ditto -	Goodhope -	Ditto -	Ditto -	Ditto.
Pope and Pearson, Normanton -	Haigh Moor -	Ditto -	J. Fisher -	Ditto.
H. Briggs, Son, & Co., Normanton.	Ditto -	Ditto -	W. G. Jackson -	Ditto.
Ditto -	Methley Junction -	Ditto -	Ditto -	Ditto.
Ditto -	Saville -	Ditto -	Ditto -	Ditto.
Ditto -	Silkstone -	Ditto -	Ditto -	Ditto.
Locke & Co., Normanton -	St. John's -	Ditto -	J. Holliday -	Ditto.
Pope and Pearson, Normanton -	West Riding -	Ditto -	J. Fisher -	Ditto.
J. Hinchliffe & Co., Penistone -	Bullhouse -	Penistone -	J. Hinchliffe -	Ditto.
John Hinchliffe, Penistone -	Crowedge -	Ditto -	Ditto -	Ditto.
Joel Bramall, Pawhill Farm -	Flash House -	Ditto -	Ditto -	Ditto.
Silkstone and Haigh Moor Coal Co., Castleford.	Hazelhead -	Ditto -	J. Bramall -	Sinking.
Featherstone Coal Co., Pontefract	Allerton Bywater -	Pontefract -	J. W. H. White -	Coal.
Geo. Bradley, Castleford -	Featherstone -	Ditto -	Ernest Andrews -	Ditto.
Fitzwilliam, Hemsworth Colliery Co.	Featherstone Manor -	Ditto -	G. Senior -	Ditto.
Frystone Coal Co., Castleford -	Fitzwilliam Main, Hemsworth.	Ditto -	John Morte -	Ditto.
T. H. Thorp, Castleford -	Frystone -	Ditto -	J. Simpkin -	Ditto.
Rhodes and Dalby, Pontefract -	Glass Houghton -	Ditto -	J. O. Greaves -	Ditto.
South Kirkby Colliery Co., Pontefract.	Prince of Wales -	Ditto -	J. Eley -	Ditto.
Wheldale Coal Co., Castleford -	Snydale -	Ditto -	Ditto -	Ditto.
L. Horner & Co., Skipton -	South Kirkby -	Ditto -	Thos. Cooper -	Ditto.
M. Brown, Pateley Bridge -	Wheldale -	Ditto -	J. Mammatt -	Ditto.
W. Lambert, Threshfield, Skipton	Bradley -	Skipton -	-	Ditto.
Matthew Dolphin, Pateley Bridge	Fogshaw, Middlesmoor.	Pateley Bridge	M. Brown -	Ditto.
John Brown & Co., Rotherham -	Threshfield -	Grassington -	W. Lambert -	Ditto.
Walker and Crawshaw -	Woogill, Middlesmoor.	Pateley Bridge	T. Dolphin -	Ditto.
Mark Davy & Co., Rotherham -	Aldwarke Main -	Rotherham -	C. E. Rhodes -	Ditto.
John Brown & Co., Rotherham -	Ashfield Fire-clay Mine, Conisbro'.	Ditto -	G. Walker -	Fire-clay.
Denaby Main Coal Co., Masbro', Rotherham.	Butterthwaite -	Ditto -	A. Rylett -	Coal.
Earl Fitzwilliam, Elsecar, Barnsley.	Car House -	Ditto -	C. E. Rhodes -	Ditto.
Rothervale Coal Co., Rotherham	Denaby Main -	Ditto -	W. H. Chambers -	Ditto.
Chambers and Son, Rotherham -	Elsecar -	Ditto -	T. Newbold -	Coal and iron-stone.
Hinchliffe, Brämham, & Co., Rotherham.	Fence -	Ditto -	F. J. Jones -	Coal.
E. Hart & Co., Rawmarsh, Rotherham.	Grange -	Ditto -	T. Wilkinson -	Ditto.
Rotherham, Masbro', & Holmes Coal Co., Rotherham.	Greasbrough -	Ditto -	-	Ditto.
Earl Fitzwilliam, Rotherham -	Greenfield -	Ditto -	E. Hart -	Ditto.
Manvers Main Co., Mexbro', Rotherham.	Holmes -	Ditto -	T. Stubbs -	Ditto.
W. Hague, Rawmarsh -	Low Stubbin -	Ditto -	Thos. Newbould -	Coal and iron-stone.
Green Ings and Milton Coal Co., Wath, Rotherham.	Manvers Main -	Ditto -	J. F. Thompson -	Coal.
Rothervale Coal Co. -	Netherfield -	Ditto -	-	Ditto.
Earl Fitzwilliam, Elsecar, Barnsley.	Newhill -	Ditto -	T. Willis -	Ditto.
J. Knapton, Rotherham -	Orgreave -	Ditto -	F. J. Jones -	Ditto.
Cooper, Sellars, & Co., Rotherham.	Simon Wood -	Ditto -	T. Newbold -	Coal and iron-stone.
Mangham & Co. -	Rawmarsh -	Ditto -	J. Knapton -	Coal.
Lidgett Coal Co., Lidgett	Roundwood -	Ditto -	G. Hartley -	Ditto.
J. and J. Charlesworth, Rotherham.	Scholes -	Ditto -	Charles Hall -	Ditto.
Rothervale Coal Co. -	Lidgett, Tankersley -	Ditto -	G. B. Walker -	Ditto.
Benjamin Huntsman, Rotherham	Thrybergh Hall -	Ditto -	J. Outram -	Ditto.
Skinner and Holford, Beighton, Sheffield.	Treeton -	Ditto -	F. J. Jones -	Ditto.
J. and J. Charlesworth, Rotherham.	Tinsley Park -	Ditto -	H. Chambers -	Ditto.
Wath Main Coal Co., Wath, Rotherham.	Waleswood -	Ditto -	J. H. Ashton -	Ditto.
James Hanson, Melton, Rotherham.	Warren Vale -	Ditto -	G. J. Kell -	Ditto.
E. Brooke and Son -	Wath Main -	Ditto -	S. Swift -	Ditto.
Skinner and Holford, Beighton, Sheffield.	West Melton -	Ditto -	John Smith -	Ditto.
	Alumina, Oughtibridge.	Sheffield	J. Dean -	Coal and clay.
	Beighton -	Ditto	J. H. Ashton -	Coal.

## LIST of OWNERS, MINES, and MANAGERS, under the COAL MINES REGULATION ACT, in YORKSHIRE, 1884—cont.

Owner or Company, and Postal Address.	Name of Mine or Colliery.	Where situated.	Manager or Agent.	Remarks.
Bramhall and Son	Birkin, Oughti-bridge.	Sheffield	-	Coal.
John Bramall, Deepcar, Sheffield	Bracken Moor	Ditto	A. Dyson	Ditto.
John Denton & Co., Sheffield	Brightside	Ditto	J. Leigh	Ditto.
Bromley Silkstone Coal Co., Wortley, Sheffield.	Bromley Main	Ditto	-	Ditto.
J. Helliwell, Sheffield	Busk Flatt	Ditto	J. Helliwell	Sinking.
Jas. Grayson, Deepcar, Sheffield	Clough	Ditto	J. Grayson	Coal.
J. Gregory, Deepcar	Ditto	Ditto	J. Gregory	Ditto.
Grayson, Lowood, & Co., Deepcar, Sheffield.	Deepcar	Ditto	Jas. Gregory	Coal and ironstone and clay.
John Armitage, Sheffield	Ditto	Ditto	J. Armitage	Coal.
J. Lloyd, Sheffield	Eccleshall	Ditto	J. Lloyd	Sinking.
John Denton & Co., Sheffield	Grimesthorpe	Ditto	Thos. Stubbs	Coal.
John Armitage and Son	Henholmes	Ditto	J. Armitage	Ditto.
— Morgan	Kirkedge, Bradfield	Ditto	-	Coal and clay.
Kiveton Park Coal Co., Kiveton Park, Sheffield.	Kiveton Park	Ditto	T. Carrington	Coal.
Thos. Wragg	Loxley	Ditto	-	Ditto.
Grayson, Lowood, & Co., Sheffield.	Malin Bridge	Ditto	J. Gregory	Coal and ironstone.
Nunnery Colliery Co., Sheffield	Manor	Ditto	W. G. Todd	Coal.
T. W. Roome, Sheffield	Meadow Fire-clay Mine.	Ditto	T. W. Roome	Coal and fire-clay.
Nunnery Colliery Co., Sheffield	New Winning	Ditto	W. G. Todd	Ditto.
H. W. Verelst	North Staveley	Ditto	G. Hardy	Ditto.
Benjn. Jackson, Bolsterstone, Sheffield.	Shaw House	Ditto	B. Jackson	Ditto.
Silica Fire Brick Co.	Oughti-bridge	Ditto	G. Wildsmith	Ditto.
E. Eaden	Steel Bank, Walkley	Ditto	W. H. Eaden	Ditto.
Mrs. Grayson, Deepcar, Sheffield	Spink Hall	Ditto	W. G. Todd	Ditto.
John Mallison	Spring Wood, Ecclesfield.	Ditto	Jos. Beard	Coal and clay.
W. H. Lancashire	Spring Vale, Crookes	Ditto	-	Sinking.
Nichols and Jackson	Stannington Wood	Ditto	Jno. Nichols	Coal.
Samuel Fox & Co., Deepcar, Sheffield.	Stockbridge	Ditto	O. I. Cotterell	Coal and fire-clay.
Marshall and Crapper	Storrs Bridge, Loxley.	Ditto	-	Coal.
John Lewis	Thurgoland Wortley	Ditto	John Lewis	Ditto.
Newton, Chambers, & Co., Chapeltown, Sheffield	Tankersley	Ditto	A. Chambers	Coal and ironstone.
Ibbotson and Hague	Thorncliffe	Ditto	Ditto	-
	Tom Hill, Dungworth.	Ditto	-	-
E. Swift, Sheffield	Vernon Silkstone	Ditto	E. Swift	Ditto.
Jonathan Dyson	Wadsley	Ditto	J. Dyson	Coal.
Grayson, Lowood, & Co., Oughti-bridge, Sheffield.	Wharnccliffe	Ditto	-	Coal and clay.
Brooke and Green, Oughti-bridge, Sheffield.	Silica Fire-clay Mine	Ditto	J. Dean	Coal and clay and ironstone.
Nunnery Colliery Co., Sheffield	Woodthorpe	Ditto	W. G. Todd	Coal.
John Barstow	Augusta, Borough Corner.	Wakefield.	-	-
J. and J. Charlesworth, Lofthouse, Wakefield.	Aberford Road	Ditto	Jas. Hawden	Ditto.
Jesse Jagger	Cockermouth, Flockton.	-	-	-
Miss E. Lister Kaye, Wakefield.	Denby Grange	Ditto	J. O. Greaves	Ditto.
R. Holliday and Sons, Wakefield	East Ardsley	Ditto	C. Holliday	Ditto.
Edward Stringer and Son	Park Mill (Clayton West).	Ditto	G. H. Stear	Ditto.
Stansfeld & Co., Wakefield	Emroyd	Ditto	J. Wood	Ditto.
Miss E. Lister Kaye, Wakefield.	Flockton	Ditto	J. O. Greaves	Ditto.
Stansfeld & Co., Wakefield	Ditto	Ditto	J. Wood	Ditto.
Lockwood & Co., Wakefield	Ditto	Ditto	M. Brooke	Ditto.
Beacher and Jarvis, Overton, Wakefield.	Ditto	Ditto	G. F. Beacher	Ditto.
G. and J. Haigh, Wakefield	Gawthorpe	Ditto	W. Haigh	Ditto.
Jesse Jagger, Wakefield	Grange Ash	Ditto	Jesse Jagger	Ditto.
Stansfeld & Co., Wakefield	Grange Moor	Ditto	J. Wood	Ditto.
B. Lockwood, Wakefield	Ditto	Ditto	M. Brooke	Ditto.
Flockton Coal Co., Netherton, Wakefield.	Hartley Bank	Ditto	G. F. Beacher	Ditto.
Musgrave & Co. Wakefield	Havercroft Main	Ditto	H. Musgrave	Ditto.
Hinchliffe, Kilner, & Co., Wakefield.	Healy Lane, Ossettfield.	Ditto	Henry Slater	Ditto.
Cliff Coal and Fire-clay Co., Crigglestone, Wakefield.	Hollingthorpe	Ditto	Stephen Wilson	Coal and fire-clay.
R. Brown	Hope, Flockton	Ditto	R. Brown	Coal.
John Roberts	Huntroyd	Ditto	J. Roberts	Sinking.
Lofthouse Colliery Co.	Lofthouse	Ditto	M. Hall	Coal.

LIST OF OWNERS, MINES, and MANAGERS, under the COAL MINES REGULATION ACT, in YORKSHIRE, 1884—*cont.*

Owner or Company, and Postal Address.	Name of Mine or Colliery.	Where situated.	Manager or Agent.	Remarks.
Thos. Woollen - - -	Low Street, West-Ardsley.	Wakefield -	T. Woollen -	Sinking.
J. and J. W. Woodhead, Wakefield	Manor - - -	Ditto -	T. R. Maddison -	Coal.
A. Brooke, Wakefield - -	Netherton - - -	Ditto -	Jos. Brooke -	Ditto.
J. and J. Charlesworth, Wakefield	Newmarket - - -	Ditto -	Jos. Hawden -	Ditto.
Roland Winn, M.P., Nostell, Wakefield.	Nostell - - -	Ditto -	W. Hay - -	Ditto.
G. and J. Haigh, Wakefield -	Park Lane, Ossett -	Ditto -	W. Haigh -	Ditto.
J. and J. Charlesworth - -	Robin Hood - - -	Ditto -	W. Hargreaves -	Ditto.
John Naylor and Co., Ossett, Wakefield.	Pildacre - - -	Ditto -	W. Evans - -	Ditto.
G. and J. Haigh, Wakefield -	Ravensthorpe - -	Ditto -	W. Haigh -	Ditto.
Terry, Greaves & Co., Wakefield	Roundwood - - -	Ditto -	C. E. F. Burnley -	Ditto.
H. Lodge, Wakefield - - -	Ryhill - - -	Ditto -	J. C. Sutcliffe -	Ditto.
Victoria Coal & Coke Co., Wakefield.	Park Hill - - -	Ditto -	J. Bennett -	Ditto.
New Sharlston Coal Co., Wakefield.	Sharlston - - -	Ditto -	Wilfred Creswick -	Ditto.
Victoria Coal & Coke Co., Wakefield.	Stanley Main - -	Ditto -	John Bennett -	Ditto.
Miss E. Lister Kaye, Wakefield -	Cophouse, Stocks-moor.	Ditto -	J. O. Greaves -	Ditto.
Jaggard & Co. - - -	Taylor Hill, Flock-ton.	Ditto -	J. Jaggard - -	Sinking.
Victoria Coal & Coke Co., Wakefield.	Victoria, High Moor	Ditto -	John Bennett -	Coal.
Walton Coal Co., Wakefield -	Walton - - -	Ditto -	- - -	-
Westwood & Co., Ossett, Wakefield.	West Field - - -	Ditto -	R. Pickard -	Coal.
John Naylor & Co., Ossett, Wakefield.	Whinny Moor - -	Ditto -	W. Evans - -	Ditto.
G. Sheard, East Ardsley, Wakefield.	Woodhouse Lane -	Ditto -	G. Sheard - -	Coal.
Scholefield and Son, Crigglostone	Woollen Well Main	Ditto -	T. R. Maddison -	Ditto.
D. Micklethwaite & Co., Wakefield	Wrenthorpe - -	Ditto -	T. Embleton, jun. -	Ditto.

## LIST OF OWNERS and IRONSTONE MINES in LINCOLNSHIRE, 1884.

Owner or Company, and Postal Address.	Name of Mine.	Where situated.	Manager or Agent.	Remarks.
Cliff and Sons, Leeds - - -	Appleby - - -	Brigg - - -	F. Walshaw -	Ironstone.
West Yorkshire Coal and Iron Co., Leeds.	Claxby - - -	Lincoln - -	J. G. Carr -	Ditto.
Chas. Winn, Frodingham -	Frodingham - -	Brigg - - -	J. Roseby -	Ditto.
Cliff and Sons, Frodingham -	Ditto - - -	Ditto - - -	F. Walshaw -	Ditto.
Park Gate Iron Co., Frodingham	Ditto - - -	Ditto - - -	- - -	Ditto.
Mid-Lincolnshire Iron Co. -	Greetwell - - -	Lincoln - -	B. Ramsden -	Ditto.
Kiveton Park Co., Kiveton Park	Kirton - - -	Brigg - - -	- - -	Ditto.
Mid-Lincolnshire Iron Co. -	Monk's Abbey - -	Lincoln - -	B. Ramsden -	Ditto.
W. H. and G. Dawes - - -	Scunthorpe - - -	Brigg - - -	- - -	Ditto.
Ditto ditto - - -	Trent - - -	Ditto - - -	- - -	Ditto.

## LIST of OWNERS and MINES, under the METALLIFEROUS MINES REGULATION ACT, in YORKSHIRE, 1884.

Owner or Company, and Postal Address.	Name of Mine.	Where situated.	Remarks.
Appletreewick Mining Co. -	Appletreewick, Gill Head -	Skipton -	Lead.
New Appletreewick Mining Co.	Appletreewick -	Ditto -	Ditto. Not working.
Birkhill Mining Co. -	Birkhill, Appletreewick -	Ditto -	Ditto.
Blayshaw Gill Mining Co. -	Blayshaw Gill -	Pateley Bridge -	Ditto.
East Craven Moor Lead Co. -	East Craven Moor -	Ditto -	Ditto.
Joseph Mason, Linton -	Elbolton -	Skipton -	Ditto.
Lodge, Marshall, and Bowdin, Starbottom.	Gravel -	Kilnsey Coniston -	Ditto.
Hebdon Moor Mining Co. -	Hebdon Moor -	Hebdon Moor -	Ditto.
Sunside Lead Mining Co. -	Hardeastle -	Pateley Bridge -	Ditto.
Stoney Groves, Mining Co. -	Stoney Groves -	Ditto -	Ditto.
Burnally and Hutchinson -	Ramskill -	Pateley Bridge -	Ditto. G. Williams, Manager.
P. W. Spencer -	Raygill, Lothersdale -	Skipton -	Sulphate of barytes.
Pateley Bridge Lead Mining and Smelting Co.	Pateley Bridge -	Pateley Bridge -	Lead.
York and Lancashire Mining Co.	Skelhorn, Rimmiugton -	Clitheroe -	Ditto and barytes.
Bennally and Hutchinson -	Sunside and Merryfield -	Pateley Bridge -	Ditto.
G. Sharpe -	West Craven Moor -	Ditto -	Ditto.
West Pateley Bridge Lead Mining Co.	West Pateley Bridge -	Ditto -	Ditto.
S. Pullan -	Winns Level -	Appletreewick, Skipton -	Ditto.
G. H. Stafford -	Moonstone -	Pateley Bridge -	Stone.
Thos. Wilkinsen -	Gayscliffe -	Ditto -	Ditto.
Jas. Dougill -	Bishopside -	Ditto -	Ditto.
John Dougill -	Moonstone -	Ditto -	Ditto. Not working.
Scotgate Ash Stone Co. -	Scotgate Ash -	Ditto -	Ditto.
J. Farrar and Sons -	Allerton and Thornton -	Bradford -	Not working.
D. and C. Roper -	Allerton -	Ditto -	
T. Wood & Co. -	Cock Pit, Otley Road -	Ditto -	Stone.
Lees and Cliffe -	Broomfield -	Lightcliffe -	
Saville, Crowther, and Sons -	Hall Park, Northowram -	Halifax -	Ditto.
W. G. Thornhill -	Elland Edge -	Fixby -	
Abraham Turner -	Hill Top -	Lightcliffe -	
Saville, Crowther, and Sons -	Ditto -	Ditto -	
Gomersal, Bentley, and Butterfield, Hipperholme.	Ditto -	Ditto -	
Halifax Building Co. -	Inch Royds -	Ditto -	
G. Vint and Brothers -	Idle Moor -	Bradford -	
E. S. Vint -	Idle -	Ditto -	
R. Roper -	Legram Lane -	Ditto -	
Rastrick Stone Co. -	Lillands -	Rastrick -	
Holdsworth and Freeman -	Lane Head -	Brighouse -	Ditto.
J. Roper -	Lightcliffe Road -	Ditto -	
W. E. Leppington -	Lane Head -	Ditto -	Not working.
C. Sheffield and Son -	Lillands -	Ditto -	Ditto.
Huddersfield Quarrying Co. -	Longwood House -	Huddersfield -	Stone.
Illingworth and Midgley -	Lightcliffe -	Lightcliffe -	
Marshall and Norminton -	Lillands Wood -	Brighouse -	
Bentley and Kaye -	Ditto -	Rastrick -	
Ditto -	Longroyde -	Ditto -	
Thos. Sheffield -	Lillands, Rastrick -	Brighouse -	Ditto.
N. Shackleton and Marsden -	Moore Hey -	Fixby -	
S. Cliffe & Co. -	Harpfield, Lane Head -	Brighouse -	Ditto.
Longbottom and Barker -	Mount -	Brighouse -	Ditto.
John Jowett's Executors -	Mill Lane -	Illingworth -	
W. C. Thornhill -	Pinfold -	Fixby -	
Turner and Brooks -	Pond -	Lightcliffe -	
D. Marshall -	Pinfold -	Fixby -	
W. Thwaite, Southowram -	Slaters -	Ditto -	
Shepherd and Bentley -	Southedge -	Hipperholme -	
J. Wood & Co. -	Spinkwell -	Bradford -	
J. and J. Haley -	Stone Chair, Northowram -	Halifax -	Ditto.
J. M. Beaumont -	Elland Edge -	Halifax -	
Thos. Aspinall, Elland -	Ditto -	Ditto -	
J. and A. Robinson -	Lane Head -	Brighouse -	
S. and J. Cliffe, Brighouse -	Ditto -	Ditto -	
Ledjard Naylor, Lightcliffe -	Hill Top -	Lightcliffe -	
John Jagger -	Rastrick -	Rastrick -	
H. Westwood, Lightcliffe -	Lightcliffe -	Halifax -	

## LIST of OWNERS and OPENWORKS in LINCOLNSHIRE, 1884.

Frodingham - - -	Rowland Winn, Esq., M.P.	Lincolnshire.
Ditto - - -	Frodingham Iron Co.	Ditto.
Ditto - - -	Trent Iron Co.	Ditto.
Ditto - - -	Parkgate Iron Co.	Ditto.
Ditto - - -	Staveley Iron Co.	Ditto.
Ditto - - -	George Dove, Esq.	Ditto.
Ditto - - -	W. Cooke & Co., Ltd.	Ditto.
Ditto - - -	Glebe Iron Co.	Ditto.
Caythorpe, Grantham	Stanton Iron Works Co.	Ditto.
Woolsthorpe, Grantham	Ditto	Ditto.

## (8.) Newcastle District.

MR. JAMES WILLIS.

## LIST of OWNERS, MINES, and MANAGERS, under the COAL MINES REGULATION ACT, in CUMBERLAND, NORTH DURHAM, and in NORTHUMBERLAND, 1884.

Owner or Company, and Postal Address.	Names of Collieries.	Where situated.	Certificated Manager.	Remarks.
CUMBERLAND.				
Allerdale Coal Co., Mealsgate, Carlisle.	Allhallows -	Mealsgate -	Tom P. Martin -	Coal.
W. Benson, Alston Colliery, Alston.	Alston -	Alston -	Not required -	Coal. Landsale.
Executors of the late W. Irving, Asby Arlecdon, via Carnforth.	Asby -	Arlecdon -	H. Woolcock -	Coal.
Birkby Coal and Brick Co., Maryport.	Birkby -	Maryport -	Jas. H. Ronaldson -	Coal and fire-clay.
Maryport Hematite Iron Co., Maryport.	Bolton - Ellenborough -	Mealsgate - Maryport -	J. Faulder - F. R. Atkinson -	Coal. Coal and fire-clay.
Whitehaven Hematite Iron and Steel Co., Cleator Moor via Curnforth.	Bowthorn -	Cleator Moor -	J. Brown -	Ditto.
Jos. Harris, Brayton Colliery, Aspatria.	Brayton -	Aspatria -	Thomas Young -	Coal.
West Cumberland Iron & Steel Co., Workington.	Buck hill - Clifton - Lowther -	Great Broughton - Great Clifton - Ditto -	Thomas Spence - Ditto - Ditto -	Ditto. Ditto. Coal and fire-clay.
Lonsdale Hematite Iron & Steel Co., Bull-gill, Maryport.	Melgramfitz Pit - Crosby, No. 1 - Rosegill, No. 2 - Ellen, No. 3 -	Greysouthen - Bullgill - Ditto - Ditto -	Ditto - W. Temple - Ditto - Ditto -	Standing. Coal. Ditto. Ditto.
S. Mutch, Camerton Colliery, Workington.	Camerton -	Workington -	J. Clarke -	Coal and fire-clay.
A. Summerson & Co., Dean Moor Colliery, Cockermouth.	Dean Moor -	Cockermouth -	R. Cruddace -	Coal. Landsale.
J. Osmaston, Dearham Colliery, Maryport.	Dearham -	Carlisle -	M. Walton -	Coal and fire-clay.
Dovenby Colliery Co., Dearham, Carlisle.	Dovenby -	Dearham -	T. Glaister -	Coal.
Parker & Co., Workington	Eagle Gill -	Flimby -	John Campbell -	Fireclay.
R. Wilson, Flimby Collieries, Maryport.	Flimby - Broughton Moor - New - Robin Hood - Seaton Moor -	Maryport - Ditto - Ditto - Ditto - Ditto -	John Hayes - Ditto - Ditto - Ditto - Ditto -	Coal. Coal and fire-clay. Coal. Ditto. Ditto.
R. Graves, Gill Head, Maryport	Gill Head -	Maryport -	Robert Nixon -	Coal and fire-clay. Ditto.
Sir James Bain & Co., Harrington, Cumberland.	Harrington -	Harrington -	Wm. Cameron -	Ditto.
John Stirling, Montreal Mines, Whitehaven.	Montreal -	Whitehaven -	Thomas Moffatt -	Coal.
Moresby Coal Co., Whitehaven - Thompson and Sons, Milton, Carlisle.	Moresby - Naworth - Bishop hill - Howard -	Ditto - Milton - Ditto - Ditto -	James Ramsay - John Croudace - Ditto - Ditto -	Ditto. Ditto. Ditto. Ditto.
Marron Brick Co., Grey Southen, Maryport.	New Banks -	Greysouthen -	John Campbell -	Coal and fire-clay.
Saint Helen's Colliery and Brick Co., Maryport.	Saint Helen's -	Workington -	J. H. Johnson -	Ditto.
Earl of Lonsdale, Colliery Offices, Whitehaven.	Whitehaven -	Whitehaven -	Wm. Harker and R. W. Moore	Coal.
Executors of the late James Dees, 36, King Street, Whitehaven.	Ditto -	Ditto -	- - -	Coal and fire-clay.
A. F. Richmond, M.D., Harrington.	Wythemoor -	Harrington -	J. M. Wright -	Ditto.

LIST of OWNERS, MINES, and MANAGERS, under the COAL MINES REGULATION ACT, in CUMBERLAND, NORTH DURHAM, and in NORTHUMBERLAND, 1884—*cont.*

Owner or Company, and Postal Address.	Name of Collieries.	Where situated.	Certificated Manager.	Remarks.
NORTH DURHAM.				
R. S. Bagnall & Sons, Axwell Colliery, Whickham.	Axwell -	Swalwell -	Wm. J. Bates -	Coal and fire-clay.
Hannington & Co., Swalwell	Axwell Park -	Swalwell -	-	Ditto.
J. Joicey & Co., Quayside, Newcastle-on-Tyne.	Beamish, Air -	Chester-le-Street -	Edward Nicholson -	Coal.
	„ Second -	Ditto -	John P. Kirkup -	Ditto.
	East Tanfield -	Annfield Plain -	Thomas Pringle -	Coal and fire-clay.
	Hand in Hold -	Chester-le-Street -	John Humble -	Coal.
	South Tanfield -	Ditto -	George Humble -	Coal and fire-clay.
	Stanley -	Ditto -	Edward Nicholson -	Coal.
	Tanfield Lea -	Annfield Plain -	Thomas Pringle -	Ditto.
	Tanfield Moor -	Ditto -	Ditto -	Ditto.
	Twizell -	Chester-le-Street -	John Humble -	Ditto.
	West Pelton -	Ditto -	Ditto -	Ditto.
R. Dickinson, Dipton, Lintz Green	Collierley -	Annfield Plain -	George Murray -	Ditto.
	Dipton Lily -	Ditto -	Ditto -	Ditto.
	Surtees -	Ditto -	Ditto -	Ditto.
Joseph Cowen & Co., Blaydon-on-Tyne.	Blaydon Burn -	Blaydon -	Matthew Bates -	Coal and fire-clay.
	Cowen's Garesfield.	Rowland's Gill -	Ditto -	Ditto.
Harton Coal Co., Tyne Dock, South Shields.	Boldon -	Tyne Dock -	George May -	Coal.
	Harton -	Ditto -	Ditto -	Ditto.
	Hilda -	South Shields -	Ditto -	Ditto.
J. Hopper & Co., Deckham Hall Colliery, Gateshead.	Deckham Hall -	Gateshead -	T. Lamb -	Coal. Landsale.
East Castle Coal & Coke Co., Lintz Green.	East Castle -	Annfield Plain -	J. Swallow -	Coal.
East Pontop Coal & Coke Co., Lintz Green.	East Pontop -	Ditto -	J. Swallow -	Ditto.
Marquis of Bute, Garesfield Colliery, Lintz Green.	Garesfield -	Lintz Green -	T. W. Bewick -	Coal and fire-clay.
R. Simpson, Moor House, Ryton	Greenside -	Ryton -	-	Coal. Landsale.
H. W. Watson, Hamsterley, Lintz Green.	Hamsterley -	Lintz Green -	William Allen -	Coal and fire-clay.
Tyne Coal Co., Hebburn Colliery, Newcastle.	Hebburn -	Jarrow -	L. Dobinson -	Coal.
Owners of Heworth Colliery, Gateshead.	Heworth -	Gateshead -	John Simpson -	Ditto.
F. McClean, Lintz Green Colliery, Lintz Green.	Lintz -	Lintz Green -	Robert Reed -	Coal and fire-clay.
	North Lintz -	Ditto -	Ditto -	Coal.
Richard Forster, Low Fell, Gateshead.	Low Fell -	Gateshead -	William Reed -	Coal. Landsale.
John Bowes & Partners, Quayside, Newcastle-on-Tyne.	Marley Hill -	Gateshead -	John Todd -	Coal.
	Andrew's House -	Ditto -	H. Dixon -	Ditto.
	Burnopfield -	Rowland's Gill -	W. S. Harris -	Ditto.
	Byer-Moor -	Ditto -	Rodger Mason -	Coal and fire-clay.
	Dipton -	Annfield Plain -	R. B. Clark -	Ditto.
	Felling -	Gateshead -	R. Mitchinson, junior.	Coal.
	Kibblesworth -	Ditto -	A. Kyall -	Ditto.
	Pontop -	Annfield Plain -	R. Mitchinson, junior.	Ditto.
	Springwell -	Gateshead -	R. T. Swallow -	Ditto.
	Usworth -	Ditto -	John Robinson -	Ditto.
	Wardley -	Ditto -	A. S. Palmer -	Ditto.
Whitburn Coal Co., Marsden, South Shields.	Marsden -	South Shields -	M. H. Douglas -	Coal and fire-clay.
Sir G. Elliott, Bart., North Biddick Colliery, Washington Station.	North Biddick -	Washington -	W. Foggin -	Coal.
E. M. Perkins & Partners, Birtley, Chester-le-Street.	Ouston -	Chester-le-Street -	J. D. Wilson -	Ditto.
	Bewick Main -	Birtley -	A. P. Stoker -	Coal and fire-clay.
	South Pelaw -	Chester-le-Street -	Thomas Armstrong -	Coal.
	Team -	Gateshead -	D. W. Robson -	Ditto.
	Urpeth -	Ditto -	J. D. Wilson -	Ditto.
Fleming and Milling, Redhough Colliery, Gateshead.	Redhough -	Gateshead -	T. O. Robson -	Coal and fire-clay.
R. Dickinson & Partners, South Derwent Colliery, Lintz Green.	South Derwent -	Annfield Plain -	W. Rutherford -	Coal.
	Willey -	Ditto -	Ditto -	Ditto.
	West Shield Row -	Ditto -	Ditto -	Ditto.

LIST of OWNERS, MINES, and MANAGERS, under the COAL MINES REGULATION ACT, in CUMBERLAND, NORTH DURHAM, and in NORTHUMBERLAND, 1884—*cont.*

Owner or Company, and Postal Address.	Name of Collieries.	Where situated.	Certificated Manager.	Remarks.
NORTH DURHAM— <i>cont.</i>				
Stella Coal Co., Blaydon-on-Tyne Stella.	Addison Pit	Blaydon	Wm. Rochester	Coal.
	Blaydon Main	Ditto	E. Cheesman	Coal and fire-clay.
	Emma Pit	Ryton	Wm. Rochester	Ditto.
Owners of South Medomsley Colliery, Dipton, Lintz Green.	Stargate Pit	Ditto	Ditto	Ditto.
	South Medomsley	Lintz Green	W. Tyzack	Ditto.
Priestman & Peile, Victoria Garesfield Colliery, Lintz Green.	Victoria Garesfield	Rowland's Gill	George Franks	Ditto.
Washington Coal Co., Washington Station.	Washington	Washington	James Lisle	Coal.
Wearmouth Coal Co., Sunderland.	Wearmouth	Sunderland	John Cowey	Ditto.
James Snowball, Whickham Colliery, Gateshead.	Whickham	Whickham	J. Snowball	Coal and fire-clay.
NORTHUMBERLAND.				
Messrs. Morrison, Acomb Colliery Hexham.	Acomb	Hexham	Jos. Roscamp	Coal.
Ashington Coal Co., Hirst, Morpeth.	Ashington	Morpeth	Robt. L. Booth	Ditto.
J. C. Lamb & Co., Backworth Colliery, Newcastle-on-Tyne.	Backworth	Newcastle-on-Tyne.	Wm. Little	Coal and fire-clay.
	West Cramlington	Ditto	Robert F. Spence	Coal.
Bebside & Choppington Coal Co., Bebside Colliery, Morpeth.	Bebside	Morpeth	Cuth. Rutherford	Coal.
	Choppington	Ditto	Edward Pringle	Ditto.
Makepeace Brothers, Bardon Mill	Barcombe	Bardon Mill	J. Makepeace	Coal and fire-clay. Landsale.
Bedlington Coal Co., Bedlington	Bedlington, A.	Morpeth	James Clough	Coal.
	Doctor Pit	Ditto	Ditto	Ditto.
	Barrington	Ditto	Geo. R. Charlton	Ditto.
	West Sleekburn	Ditto	Ditto	Coal and fire-clay.
W. C. Gibson, Scotswood	Benwell Fire-clay	Newcastle-on-Tyne.	-	Coal. Landsale.
Messrs. Charlton, Birtley, Wark-on-Tyne.	Birtley	Wark	-	Ditto.
Blackott Colliery Co., Haltwhistle Thompson and Sons, Milton, Carlisle.	Blackett	Haltwhistle	T. Yeats	Coal.
	Blenkinsopp	Ditto	John Croudace	Ditto.
	Lambley	Ditto	Ditto	Ditto.
	Naworth	Ditto	Ditto	Ditto.
James Scott, Felton	Brookenfield	Felton	-	Standing.
James Thompson, Brier Edge, Bellingham.	Craig End	Bellingham	-	Coal. Landsale.
Sowerby and Andrews, Broomhill Colliery, Acklington.	Broomhill	Acklington	Andrew Scott	Coal and fire-clay.
J. Armstrong, Brown Rigg Colliery, Otterburn.	Brown Rigg	Otterburn	-	Coal. Landsale.
N. G. Lambert & Co., Coxlodge Collieries, Newcastle-on-Tyne.	Burradon	Newcastle-on-Tyne.	William Green	Coal.
	Coxlodge	Ditto	David Hetherington.	Coal and fire-clay.
Executors of Septimus Forster, Callerton Colliery, Wylam.	Callerton	Ditto	-	Coal. Landsale.
Cowpen Coal Co., Ltd., Quayside, Newcastle-on-Tyne.	Cambois	Blyth	Thomas Moore	Coal and fire-clay.
	Cowpen	Ditto	Thos. Hindmarsh	Coal.
	Newsham	Ditto	Ditto	Coal.
Chatton Coal and Lime Co., Belford.	North Seaton	Morpeth	Thomas Moore	Coal.
	Chatton	Belford	J. Henderson	Coal. Landsale.
Messrs. Temple, Longhorsley, Morpeth.	Chirm	Longhorsley	Thos. Temple	Ditto.
Coanwood Coal Co., Haltwhistle	Coanwood	Haltwhistle	Robt. Hetherington	Coal.
Jos. Lamb and Partners, Cramlington.	Cramlington	Newcastle-on-Tyne.	Robt. Linsley	Coal.
Jno. O. Scott, Delaval Benwell Colliery, Newcastle-on-Tyne.	Delaval Benwell	Ditto	Thomas Potts	Coal and fire-clay.
John Bowes and Partners, Quayside, Newcastle-on-Tyne.	Dinnington	Ditto.	T. W. Hunter	Coal.
	Seaton Burn	Ditto	Ditto	Ditto.
East Holywell Coal Co., Backworth.	East Holywell	Ditto	H. Gibson	Ditto.
John Johnson, Edgewell Colliery, Prudhoe.	Edgewell	Prudhoe	H. Jameson	Coal and fire-clay. Landsale.

LIST of OWNERS, MINES, and MANAGERS, under the COAL MINES REGULATION ACT, in CUMBERLAND, NORTH DURHAM, and in NORTHUMBERLAND, 1884—*cont.*

Owner or Company, and Postal Address.	Name of Collieries.	Where situated.	Certificated Manager.	Remarks.
NORTHUMBERLAND— <i>cont.</i>				
Ormond and Jobling, Eglington Colliery, Alnwick.	Eglington	Alnwick	W. Stoddart	Coal, Landsale.
Owners of Elsdon Colliery, Elsdon.	Elsdon	Elsdon	-	Ditto.
Eltringham Colliery Co., Prudhoe	Eltringham	Prudhoe	T. Gilchrist	Coal and fire-clay.
Elswick Coal Co., Newcastle-on-Tyne.	Elswick	Newcastle-on-Tyne.	Thos. Clarence	Ditto.
Walton and Cowper, Fallowfield, Hexham.	Fallowfield	Hexham	Robert Henderson	Coal. Landsale.
Wm. Benson, Fourstones, Hexham.	Fourstones	Ditto	S. Pearson	Coal.
	Montagu Main	Newcastle-on-Tyne.	E. Nicholson	Coal and fire-clay.
L. J. H. Allgood, Nunwick, Humshaugh.	Gatestones	Chollerford	-	Coal. Landsale.
Thos. Robinson, Gray Mare Hill, Riding Mill.	Grey Mare Hill	Riding Mill	-	Ditto.
J. & B. Armstrong, Bellingham	Gunnerton	Chollerton	J. Armstrong	Ditto.
	Hareshaw Head	Bellingham	B. Armstrong	Ditto.
Thos. Weddle, Matfen	Halton	Corbridge	-	Ditto.
C. J. Bates, Heddon, Wylam	Heddon	Ryton	Fred. Bell	Coal and clay.
W. Walker and Sons, Hedley, Stocksfield.	Hedley Bank	Stocksfield	-	Coal. Landsale.
Rutherford, Forster, and Stobard, Cordbridge.	High Shield	Hexham	-	Fireclay.
R. Dixon, Hollings Farm, Lintz Green.	Hollings	Elchester	-	Coal. Landsale.
Jameson and Son, Corbridge	Hook Hill	Corbridge	-	Fireclay.
Caisley and Wood, Howburn Colliery, Morpeth.	Howburn	Morpeth	-	Coal. Landsale.
John Russell, Ingoe	Ingoe	Ingoe	-	Ditto.
Grace and Tone, Kirkheaton Colliery, Capheaton.	Kirkheaton	Capheaton	Robert Burn	Coal. Landsale.
Leamington Coal Co., Alnwick	Leamington	Alnwick	-	Ditto.
Leach and Weeks, Long Framlington.	Long Framlington	Rothbury	William Pattison	Ditto.
Longhirst Coal Co., Morpeth	Longhirst	Morpeth	John Smith	Coal.
James Gill, Crook, Darlington	Longhirst Grange	Ditto	-	Coal. Landsale.
Longwitton Gannister Coal and Lime Co., Longwitton, Morpeth.	Longwitton	Morpeth	Charles Maynard	Coal.
Robert Wright, Lowick Colliery, Beal.	Lowick	Lowick	John Duff	Coal. Landsale.
Mickley Coal Co., Prudhoe	Mickley	Prudhoe	Thos. Bates	Coal.
	Prudhoe	Ditto	Ditto	Ditto.
	West Wylam	Ditto	Ditto	Coal and fire-clay.
Eliz. Bewick, Cherryburn, Prudhoe.	Mickley Bank	Stocksfield	John Bewick	Coal. Landsale.
Errington, Reay, & Co., Bardon Mill.	Millhouse	Bardon Mill	Not required	Fireclay.
Thos. Carr and Son, Scotswood	Montage Fireclay	Scotswood	C. Gibson	Coal and fire-clay.
S. F. Widdrington, Acklington	Newton	Newton-on-the-Moor.	A. Scott	Coal. Landsale.
W. Baird, Netherwitton	Netherwitton	Morpeth	-	Ditto.
Wm. Moses, Beal	North Doddington	Belford	W. Moses	Ditto.
Bainbridge and White, North Fenham Colliery, Newcastle-on-Tyne.	North Fenham	Newcastle-on-Tyne.	Geo. L. Robinson	Coal and fire-clay. Landsale.
R. Holliday, North Togston Colliery, Amble.	North Togston	Amble	R. Holliday	Coal. Landsale.
Wylam Coal Co., Wylam	North Wylam	Wylam	G. Robinson	Coal.
Wm. Green, West Woodburn	Old Bridge	Woodburn	-	Coal. Landsale.
W. Stephenson and Sons, Throckley, Newcastle-on-Tyne.	Old Throckley	Newcastle-on-Tyne.	Isaac T. Cheesman	Coal and fire-clay.
Langley, Riddle, & Co., Ovington	Ovington	Prudhoe	-	Coal. Landsale.
John Short & Co., Park House Colliery, Morpeth.	Park House	Morpeth	J. Walton	Ditto.
Paunchford Coal Co., Elsdon	Paunchford	Elsdon	-	Ditto.
H. Gibson and Sons, East Holywell, Newcastle-on-Tyne.	Pegswood Drift	Morpeth	Henderson Gibson	Ditto.
Plashetts Coal Co., Plashetts, North Tyne.	Plashetts	Plashetts	J. Atchison	Coal.
Plenmellor Colliery Co., Haltwhistle.	Plenmellor	Haltwhistle	G. Reed	Coal. Landsale.

LIST of OWNERS, MINES, and MANAGERS, under the COAL MINES REGULATION ACT, in CUMBERLAND, NORTH DURHAM, and in NORTHUMBERLAND, 1884—cont.

Owner or Company, and Postal Address.	Name of Collieries.	Where situated.	Certificated Manager.	Remarks.
NORTHUMBERLAND—cont.				
Preston Coal Co., North Shields	Preston	North Shields	T. Heppell	Coal and fire-clay. Landsale.
Turner and Young, Prestwick, Dinnington.	Prestwick	Ponteland	Thomas Young	Coal. Landsale.
Radcliffe Coal Co., Acklington	Radcliffe	Amble	M. H. Wardle	Coal and fire-clay.
W. Barkus Rennington Colliery, Alnwick.	Rennington	Alnwick	William Young	Coal. Landsale.
Scrermerston and Shoreswood Coal Co., Scrermerston, Berwick-on-Tweed.	Scrermerston	Berwick	W. Brown	Coal.
	Billy Law	Ditto	Ditto	Coal. Landsale.
	Etal	Ford	J. Robson	Ditto.
	Felkington	Berwick	Geo. Sutheren	Ditto.
Seaton Delaval Coal Co., Seaton Delaval.	Seaton Delaval	Newcastle-on-Tyne.	Henry Ayton	Coal and fire-clay.
R. Laycock & Co., Seghill, Newcastle-on-Tyne.	Seghill	Ditto	John Douglass	Coal.
Shilbottle Coal Co., Lesbury, R.S.O.	Shilbottle	Alnwick	J. Roscamp	Coal. Landsale.
Michael Robson, Falstone, R.S.O.	Shilburnhaugh	Falstone	-	Ditto.
John Baird, Eglington, Alnwick	Shipley	Eglington	John Baird	Ditto.
Shire Moor Coal Co., Backworth	Shire Moor	Backworth	A. M. Potter	Coal.
W. Cochrane Carr, South Benwell Colliery, Newcastle-on-Tyne.	South Benwell	Newcastle-on-Tyne.	M. Langley	Coal and fire-clay.
W. Hudspith, Haltwhistle	South Tyne	Haltwhistle	R. Elliott	Ditto.
W. Mundle, Woodburn, R.S.O.	Stiddle Hill	Woodburn	W. Mundle	Coal. Landsale.
J. H. Burn, Stobswood Colliery, Acklington.	Stobswood	Morpeth	J. Johnson	Coal.
Executors of Joseph Dinning, Langley Mills.	Stublick	Langley Mills	M. Stobart	Coal. Landsale.
Throckley Coal Co., Throckley, Newcastle-on-Tyne.	Throckley	Newcastle-on-Tyne.	I. T. Cheesman	Coal and fire-clay.
Wood and Slinn, Ulgham Grange Colliery, Morpeth.	Ulgham Grange	Morpeth	Robert Wood	Coal.
John Drummond, Kilnpit Hill, Riding Mill.	Unthank	Riding Mill	-	Coal. Landsale.
Kirton, Rowell, & Dodd, Walbottle.	Walbottle	Walbottle	M. Dodd	Coal and fire-clay.
John Hall, Whittington Colliery, Corbridge.	Whittington	Corbridge	John Hall	Coal. Landsale.
Widdrington Coal Co., Acklington	Widdrington	Morpeth	James Hay	Coal.

LIST of OWNERS and MINES, under the METALLIFEROUS MINES REGULATION ACT, in NEWCASTLE-ON-TYNE DISTRICT, 1884.

Owner or Company, and Postal Address.	Name of Mine.	Where situated.	Remarks.
1. LEAD ORE, ZINC ORE, AND BARYTES MINES IN CUMBERLAND.			
Alston Moor Mining Co., 42, Mosley Street, Newcastle-on-Tyne.	Benty Field	Ditto	Lead ore.
	Nentsberry	Ditto	Ditto and Zinc ore.
Wilson, Dickinson, & Co., Alston.	Blagill	Ditto	Ditto and Barytes.
Brandley Mining Co., Limited	Brandley	Braithwaite near Keswick.	Lead ore.
Brownley Hill Mining Co., Alston.	Brownley Hill	Alston	Lead and Zinc ore.
North-western Syndicate, Limited.	Burrow	Braithwaite near Keswick.	Lead ore.
Crook Burn Mining Co., Ltd., 25, Westgate Road, Newcastle-on-Tyne.	Crook Burn	Garrigill, near Alston	} J. H. Robinson.
	Tee Side (Standing)	Tyne Head, Alston	

LIST of OWNERS and MINES under the METALLIFEROUS MINES REGULATION ACT, in  
NEWCASTLE-ON-TYNE DISTRICT, 1884—*cont.*

Owner or Company, and Postal Address.	Name of Mine.	Where situated.	Remarks.
1. LEAD ORE, ZINC ORE, AND BARYTES MINES IN CUMBERLAND— <i>cont.</i>			
W. C. Dunn & Co., Cash Well Mine, Alston.	Cash Well - - -	Alston - - -	Lead ore and Barytes.
Dowgang Mine Co., Nenthead, Alston.	Dowgang - - -	Nenthead - - -	Ditto and Zinc ore.
John Carruthers & Co., 1, Cavendish Place, Carlisle.	Dowpot Syke - - -	Alston - - -	Ditto.
Nenthead and Tyndale Lead Co., 1, Dean Street, Newcastle.	Guttergill - - -	Ditto - - -	Ditto.
	Garrigill - - -	Nenthead - - -	Ditto.
	Nenthead - - -	Ditto - - -	Ditto and Zinc ore.
Holyfield Mining Co., Alston	Holyfield - - -	Alston - - -	Exploring.
Metal Band Mining Co., 14, West Clayton Street, Newcastle-on-Tyne.	Metal Band - - -	Ditto - - -	Lead ore.
W. R. Graham & Co., Park Mine, Alston.	Park - - -	Ditto - - -	Exploring.
Bell and Nesham, 7, Queen Street, Newcastle-on-Tyne.	Patter Syke - - -	Tynehead - - -	Lead ore.
Rodderup Fell Lead Mining Co., Alston.	Clargill Head - - -	Ditto - - -	Ditto.
	Rodderup Fell - - -	Alston - - -	Ditto.
Threlkeld Mining Co., Threlkeld, Keswick.	Threlkeld - - -	Keswick - - -	Ditto and Zinc ore.
2. IRON ORE MINES IN CUMBERLAND.			
Lord Leconfield, Lowther Street, Whitehaven.	Bigrigg - - -	Cleator Moor - - -	Iron ore.
S. and J. Lindow, Cleator, Carnforth.	Cleator Moor - - -	Ditto - - -	Ditto.
	Bigrigg Nos. 1 and 2 - - -	Bigrigg - - -	Ditto.
	Longlands - - -	Cleator - - -	Ditto.
	Lonsdale - - -	Frizington - - -	Ditto.
	Sir John Walsh - - -	Bigrigg - - -	Ditto.
South Cumberland Iron Co., Boot, Ravenglass.	Birker Moor - - -	Eskdale - - -	Ditto. Standing.
Frizington Mining, Lowther Street, Whitehaven.	Eskdale Moor - - -	Ditto - - -	Ditto. Ditto.
Cleator Iron Ore Co., Cleator, Carnforth.	Birks - - -	Frizington - - -	Ditto.
Crossfield Iron Ore Co., Moor Row, Carnforth.	Cleator - - -	Cleator - - -	Ditto.
Crossgill Iron Ore Co., Moor Row, Carnforth.	Crossfield - - -	Moor Row - - -	Ditto.
Maryport Hematite Iron Co., Maryport.	Crossgill - - -	Frizington - - -	Ditto.
Egremont Iron Ore Co., Egremont, Carnforth.	Dalzell - - -	Moor Row - - -	Ditto.
Ehen Mining Co., 36, Lowther Street, Whitehaven.	Egremont - - -	Egremont - - -	Ditto.
Eskett Iron Ore Co., Whitehaven.	Ehen - - -	Ditto - - -	Ditto.
Sir James Bain & Co., Woodend, Cleator Lane End.	Eskett - - -	Eskett - - -	Ditto.
	Frizington Parks - - -	Frizington - - -	Ditto.
	Goosegreen - - -	Ditto - - -	Ditto.
	Woodend - - -	Woodend - - -	Ditto.
Gillfoot Park Mining Co., Egremont, Carnforth.	Gillfoot Park - - -	Egremont - - -	Ditto.
Grey and Hughes, Gutterley, Carnforth.	Gutterley - - -	Moor Row - - -	Ditto.
High House Mining Co., Saint Bees, Carnforth.	High House - - -	Frizington - - -	Ditto.
Hodbarrow Mining Co., Millom, Carnforth.	Hodbarrow - - -	Millom - - -	Ditto.
Dalmellington Iron Co., Ayr, N.B.	Holebeck - - -	Frizington - - -	Ditto.
R. Eaton, Hardwick House, 27, Friar Gate, Derby.	Iron Craig - - -	Ennerdale Lake - - -	Ditto.
Carron Iron Co., Falkirk, N.B.	Pillar - - -	Ditto - - -	Ditto.
W. Baird & Co., Lamplugh, Cocker-mouth.	Jacktreas - - -	Cleator - - -	Ditto.
John Stirling, Montreal Mines, Whitehaven.	Kelton - - -	Lamplugh - - -	Ditto.
	Knockmurton - - -	Ditto - - -	Ditto.
	Montreal - - -	Whitehaven - - -	Ditto.
Miles Postlethwaite, Moor Row, Carnforth.	Montreal - - -	Whitehaven - - -	Ditto.
Moss Bay Hematite Iron and Steel Co., Workington.	Moor Row - - -	Moor Row - - -	Ditto.
Mowbray Iron Ore Co., 39, Lowther Street, Whitehaven.	Moss Bay - - -	Egremont - - -	Ditto.
Eskdale Mining Co., Boot, Ravenglass.	Mowbray - - -	Frizington - - -	Ditto.
Cammel & Co., Workington - New Parkside Mining Co., 46, Lowther Street, Whitehaven.	Eskdale - - -	Eskdale - - -	Ditto.
	Eskett Park - - -	Yeathouse - - -	Ditto.
	New Parkside - - -	Frizington - - -	Ditto.

LIST of OWNERS and MINES under the METALLIFEROUS MINES REGULATION ACT, in  
NEWCASTLE-ON-TYNE DISTRICT, 1884—cont.

Owner or Company, and Postal Address.	Name of Mine.	Where situated.	Remarks.
<b>2. IRON ORE MINES IN CUMBERLAND—cont.</b>			
Parkside Mining Co., Whitehaven.	Parkside - - -	Frizington - - -	Iron ore.
John Postlethwaite, Fairview, Eskett, Carnforth.	Postlethwaite's, Eskett - - -	Salter and Eskett - - -	Ditto.
Trustees of late Thos. Dixon, Frizington, Carnforth.	Salter Hall - - -	Frizington - - -	Ditto.
Scalelands Mining Co., 36, Lowther Street, Whitehaven.	Scalelands - - -	Frizington - - -	Ditto.
Glasgow Cumberland Mining Co., 13, Lowther Street, Whitehaven.	Todholes - - -	Cleator Moor - - -	Ditto.
Whicham Mining Co., Millom, Carnforth.	Whicham - - -	Millom - - -	Ditto.
Whinnah Mining Co., 49, Lowther Street, Whitehaven.	Whinnah - - -	Lamplugh - - -	Ditto.
Winder Iron Ore Co., Frizington, Carnforth.	Winder - - -	Frizington - - -	Ditto.
Wyndham Mining Co., 67, King Street, Whitehaven.	Wyndham - - -	Ditto - - -	Ditto.
<b>3. COPPER MINES IN LANCASHIRE.</b>			
Coniston Mining Co., Coniston, Ambleside.	Coniston - - -	Coniston - - -	Copper ore.
<b>4. IRON ORE MINES IN LANCASHIRE.</b>			
T. Ormandy and Co., Bank Terrace, Pennington.	Bercune - - -	Ulverston - - -	Iron ore, standing.
Wigan Coal and Iron Co., Wigan.	Bercune - - -	Ditto - - -	Iron ore.
Myles Kennedy, Ulverston - Askam and Mouzell Iron Co., Askam-in-Furness.	Dalton - - - Dalton - - - Lindal Moor - - - Mouzell - - -	Dalton-in-Furness - - - Ditto - - - Ulverston - - - Dalton-in-Furness - - -	Ditto. Ditto. Ditto. Ditto.
Elliscales Mining Co., Lowther Street, Whitehaven.	Elliscales - - -	Ditto - - -	Ditto.
Cumberland Iron Mining and Smelting Co., Millom, Carnforth.	Highfield - - -	Ditto - - -	Ditto.
Ulverston Mining Co., Lindal-in-Furness.	Lindal Cote - - - Highcrossgates - - -	Ditto - - -	Ditto.
Harrison, Ainslie, & Co., Lindal.	Lindal Moor - - -	Ulverston - - -	Ditto.
Barrow Hematite Steel Co., Dalton-in-Furness.	Newton - - - Old Hills - - - Park - - - Stainton - - - Stank - - - Whitriggs - - -	Dalton-in-Furness - - - Ditto - - -	Ditto. Ditto. Ditto. Ditto. Ditto. Ditto.
Parkside Mining Co., Whitehaven.	Parkside - - -	Ditto - - -	Ditto.
Kennedy Bros., Ulverston - Sandscale Mining Co., Dalton-in-Furness.	Roanhead and Askam - - - Sandscale - - -	Ditto - - - Sandscale - - -	Ditto. Ditto.
J. Brogden and Sons, Stainton, Dalton-in-Furness.	Stainton - - -	Stainton - - -	Ditto.
Yarlside Mining Co., Dalton-in-Furness.	Yarlside - - -	Dalton-in-Furness - - -	Ditto.
<b>5. LEAD ORE, BARYTES, AND WHINSTONE MINES IN NORTHUMBERLAND.</b>			
Church Burn Mining Co. - Walton and Cowper, Acomb, Hexham.	Church Burn - - - Fallowfield - - -	Haltwhistle - - - Hexham - - -	Lead ore. Lead ore and Barytes.
J. P. Walton & Co., Acomb, Hexham.	Haydon - - -	Haydon Bridge - - -	Exploring.
Bewick and Partners, Haydon Bridge, Carlisle.	Langley Barony - - -	Ditto - - -	Lead ore, Barytes, and Whinstone.
Morallee Fell Mining Co., Haydon Bridge.	Morallee Fell - - -	Ditto - - -	Exploring.
F. W. Hall, Fourstones - Stonecroft and Greyside Mining Co., Fourstones, Hexham.	Settlingstones - - - Stonecroft and Greyside - - -	Fourstones - - - Ditto - - -	Barytes. Lead ore and Barytes.
Tarset Mining Co., Hudshaw House, Hexham.	Tarset - - -	Bellingham - - -	Exploring.
Water House Mining Co., Haydon Bridge.	Water House - - -	Haydon Bridge - - -	Lead ore and Umber.
Joicey, James, Newcastle-on-Tyne.	Sildon - - -	Riding Mill - - -	Standing.
W. B. Lead Co., Ltd., Norham Place West Tesmond, Newcastle-on-Tyne.	Allenheads - - - West Allen - - -	Allenheads - - - Ditto - - -	J. M. Fothergill.

## LIST of OWNERS and OPENWORKS in CUMBERLAND and the detached part of LANCASHIRE 1884.

Owner or Company, and Postal Address.	Name of Mine.	Where situated.	Remarks.
J. and J. Birketts, Tilberthwaite.	Atkinson Coppy	Coniston	Slate.
John Gunson, Shank Bridge, Ulverston.	Ghyll	Tilberthwaite	Ditto.
Ghyll Slate Co., Coniston	Knothill	Carlisle	Gypsum.
Joseph Robinson & Co., Knothill Cement Works, Carlisle.	Saddlestone	Coniston Fell	Slate.
T. and J. Mundall, Coniston, via Ambleside.	Moor	Ditto	Ditto.
	Gawthwaite	Ulverston	Ditto.

NOTE.—Slate Quarries incomplete.

## (9.) North Wales District.

MR. C. LE NEVE FOSTER.

## LIST of OWNERS, MINES, and AGENTS, under the METALLIFEROUS MINES REGULATION ACT, in NORTH WALES, Part of SOUTH WALES, SHROPSHIRE, and the ISLE OF MAN.

Owner or Company, and Postal Address.	Name of Mine. <i>Italics denote Mines suspended during the whole of 1884, but not abandoned.</i>	Situation.	Agent.	Persons ordinarily employed during the year 1884.	
				Below Ground.	Above Ground.
ANGLESEY.					
Mona Mines Co., Limited, Amlwch	Mona	Near Amlwch	T. Fanning Evans	30	75
Mona Consols Copper Mining Co., Limited, W. Battye, Secretary, 16, Great Winchester Street, London, E.C.	Mona Consols (Stopped 1884.)	Ditto	T. Mitchell	4	2
Morfa Du Mining Co., Limited, Amlwch	<i>Morfa du</i>	Ditto	Ditto	—	—
Parys Copper Corporation, Limited, Amlwch	Parys	Ditto	Ditto	1	14
			Total	35	91

## BRECONSHIRE.

C. W. Seccombe and Co., Morwell View, Gunnislake, Tavistock.	Nant-y-Car and Nant-y-Garw.	Parish of Llanwrthwl.	Henry Phillips	—	3
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## CARDIGANSHIRE.

Aberystwyth Mining Co., Bwlch Gwyn, Ponterwyd, Aberystwyth.	<i>Aberystwith</i>	Ponterwyd	J. H. Croucher.	—	—
Blaen Caelan United Lead Mining Co., Limited, in liquidation; Flaxman Haydon, Liquidator, 21, New City Chambers, 121, Bishopsgate Street Within, London, E.C.	Blaen Caelan (Stopped July 1884.)	Talybont	Richard Jones	4	2
Blaen United Mining Co., Limited, 4, New Broad Street, London, E.C.	Blaen Cennant	Llanfihangel, Lower	Hugh J. Jones	9	10
John Jenkins and Co., Bronfloyd Mine, B.w Street, R.S.O., Cardiganshire.	Bronfloyd	Penrhyncoch	Peter Jones	2	2
Cwm Dwyfor and Brynarian Mines Co., Limited, St. Clement's House, Clement's Lane, London, E.C.	Brynarian (Stopped October 1884.)	Taliesin	George J. Gray	4	—
Evan Reese, Bank Place, Machynlleth	<i>Bryn Dyfi</i>	Glandovey	Evan Reese.	—	—
Bryn-yr-Afr Mine Co., Limited, 15, Lord Street, Liverpool.	Bryn-yr-Afr	Seven miles from Talybont.	J. Phillips	17	16
Bwlch United Mining Co., Limited, 16, Great Winchester Street, London, and Goginan, R.S.O., Cardiganshire.	Bwlch United (Stopped April 1884.)	Goginan, Aberystwith.	William Northey	4	1
Cambrian Mining Co., Limited, Pinner's Hall, Old Broad Street, London, E.C.	Cambrian	Talybont	Henry James	23	10
Caelan and Cefngwyn United Mining Co., J. Basil Masefield (sec.), Ledbury, Herefordshire.	Cefngwyn	Elerch, near Talybont.	John Hughes	6	2
Thomas Key and C. O. Rogers, 10, Bloomfield Street, London, E.C.	<i>Court Grange</i>	Near Aberystwith	—	—	—

LIST of OWNERS, MINES, and AGENTS, under the METALLIFEROUS MINES REGULATION ACT, in NORTH WALES, Part of SOUTH WALES, SHROPSHIRE, and the ISLE OF MAN—*cont.*

Owner or Company, and Postal Address.	Name of Mine. <i>Italics denote Mines suspended during the whole of 1884, but not abandoned.</i>	Situation.	Agent.	Persons ordinarily employed during the year 1884.	
				Below Ground.	Above Ground.
<b>CARDIGANSHIRE—<i>cont.</i></b>					
Crown Mining Co., W. J. Lavington, Secretary, Dashwood House, New Broad Street, London, E.C.	<i>Crown</i>	Ponterwyd	David Daniel	—	1
George Green and others, Aberystwith	<i>Cwm Brwyno</i> (Abandoned April 1884.)	Goginan	John Davis	4	—
W. Sadler, 4, Copthall Chambers, Throgmorton Street, London, E.C.	<i>Cwmerfyn</i>	Llanbadarn Fawr	Andrew Williams	2	—
Cwmystwyth Mines New Co., Limited, John Taylor and Sons, 6, Queen Street Place, London, E.C.	<i>Cwmystwyth</i>	Cwmystwyth, near Devil's Bridge.	Jos. B. Rowse	45	49
Dolclettwr and Llain-hir Copper and Lead Mining Co., Limited, 92, West Regent Street, Glasgow.	<i>Dolclettwr and Llain-hir.</i>	Taliesin	J. H. Clint	—	1
East Darren Mine Co., Limited, in liquidation, 6, Queen Street Place, London, E.C., and Cwmsymlog, Bow Street, R.S.O.	<i>East Darren</i>	Goginan, Aberystwyth.	Thos. Garland	25	33
Erglodd United Mines Co., Limited, in liquidation, Thomas Williams, Liquidator, 40, North Parade, Aberystwith.	<i>Erglodd United</i>	Talybont	Evan Reese.	—	—
R. Girdwood, 30, Moray Place, Edinburgh, and Esgairwyn Mine, near Strata Florida, R.S.O.	<i>Esgairwyn and Ddu.</i>	Strata Florida	William Jones	6	5
Richard Attenborough, Whitley Grove, Reading.	<i>Florida</i>	Ditto	R. Couch	4	1
Frongoch Mining Co., Limited, John Kitto and Son, Llanidloes.	<i>Frongoch</i>	Devil's Bridge	John Kitto and Son.	68	120
Goginan Silver Lead Mining Co., Limited, John Kitto and Son, Llanidloes.	<i>Goginan</i>	Seven miles from Aberystwith.	Ditto	12	14
C. Herbert Stokes, 43, Maddox Street, London, W.	<i>Great Camdwr</i>	Talybont	C. Herbert Stokes.	—	—
Robert Girdwood, 30, Moray Place, Edinburgh, and Cwmsymlog, Bow Street, R.S.O.	<i>Great Darren</i>	Goginan, Aberystwith.	William Jones	8	—
West Esgair Lle Mining Co., A. E. Wenham, Secretary, 114, Colmore Row, Birmingham.	<i>Great West Van</i>	Ponterwyd	A. E. Wenham	—	1
Grogwinion Mining Co., Limited, John Kitto and Son, Llanidloes.	<i>Grogwinion</i>	Pontrhydygroes	John Kitto and Son.	4	6
John Taylor and Sons, 6, Queen Street Place, London, E.C.	<i>Lisburne</i>	Ysppyty Ystwith, Pontrhydygroes.	Peter Garland	50	48
Mynach Vale Mining Co., Limited, 15, Lord Street, Liverpool.	<i>Mynach Vale</i>	Near Goginan	J. Phillips	4	3
Mynydd Gorddu Lead Mine Co., Limited, in liquidation, John Edey, Liquidator, 27, Change Alley, Sheffield.	<i>Mynydd Gorddu</i>	Near Bow Street	Thomas Kemp.	—	—
George Green and others, The Foundry, Aberystwith.	<i>Nantyeria</i>	Ponterwyd	- - -	8	2
Grogwinion Consolidated Lead Mining Co., Limited, John Kitto and Son, Llanidloes.	<i>North Grogwinion</i>	Pontrhydygroes	John Kitto and Son.	—	—
C. E. Hayward, Winchester	<i>Penraigddu and Caenant.</i>	Near Grogwinion.	—	—	—
W. Thomas, Mid Wales Villa, Llanidloes	<i>Plynlimmon</i>	Ponterwyd	W. Bramwell	7	—
Powell Mining Co., Limited, Goginan, Aberystwyth.	<i>Powell Consolidated</i>	Ditto	N. Bray	8	5
Red Rock Lead Mining Co., Limited, J. Kitto and Son, Llanidloes.	<i>Red Rock</i>	Near Crosswood	John Kitto and Son.	—	—
Vere Powys, 1, Lincoln's Inn Fields, London, W.C.	<i>Rheidol United</i>	Cwm Rheidol	Robert Pierce	8	10
Silver Stream Mining Co., Limited, 36, Devonshire Chambers, Bishopsgate Street, London, E.C.	<i>Silver Stream</i>	Goginan	William Jones	2	—
South Darren Mining Co., Limited, J. H. Murchison, Secretary, 8, Austin Friars, London, E.C.	<i>South Darren</i>	Goginan, Aberystwyth.	John Mitchell	28	24
C. Williams and Co., Taliesin, R.S.O.	<i>Tanyrallt</i>	Near Talybont	Charles Williams	2	6
J. Phillips and N. Bray, Goginan, R.S.O., Cardiganshire.	<i>Tyn-y-Fron</i>	Cwm Rheidol	J. Phillips.	—	—
Vaughan Mines Co., Limited, in liquidation, Charles Hurlbatt, Liquidator, 6, Queen's Street Place, London, E.C.	<i>Vaughan</i>	Near Goginan, Aberystwith.	T. Garland.	—	—
Wemyss Mines, Limited, 34, Pier Street, Aberystwith.	<i>Wemyss</i>	Cwmnewyddion, near Devil's Bridge.	W. Michell	6	5
John Fleming, Grainger Street West, Newcastle-on-Tyne.	<i>West Cwmystwith</i> (Abandoned Oct. 1884.)	Devil's Bridge	J. B. Rowse	9	3
West Esgair Lle Mining Co., A. E. Wenham, Secretary, 114, Colmore Row, Birmingham.	<i>West Esgair Lle</i>	Ponterwyd	A. E. Wenham	10	3
West Lisburne Mining Co., Limited, W. Batty, Secretary, 16, Great Winchester Street, London, E.C.	<i>West Lisburne</i> (Stopped March 1884.)	Strata Florida	W. Northey	2	1
C. Herbert Stokes, 43, Maddock Street, London, W.	<i>Ynys</i>	Near Ynyslas Station,	C. H. Stokes.	—	—

LIST OF OWNERS, MINES, and AGENTS, under the METALLIFEROUS MINES REGULATION ACT, in NORTH WALES, Part of SOUTH WALES, SHROPSHIRE, and the ISLE OF MAN—*cont.*

Owner or Company, and Postal Address.	Name of Mine. <i>Italics denote Mines suspended during the whole of 1884, but not abandoned.</i>	Situation.	Agent.	Persons ordinarily employed during the year 1884.	
				Below Ground.	Above Ground.
<b>CARDIGANSHIRE—<i>cont.</i></b>					
Ystrad Einion Mining Co., Adam Mason, Horwich, Bolton.	Ystrad Einion	Glandovey	Thomas Thompson	2	1
Ystwith Lead Mining Co., Limited, in liquidation, H. R. Moore, Liquidator, 2, Royal Exchange Avenue, London, E.C.	Ystwith (Stopped April 1884.)	Cwmystwith	J. Kitto and Son	6	—
			Totals	399	385
<b>CARNARVONSHIRE.</b>					
W. Littlejohns & Co., Abbey View, Llangollen	<i>Bettws-y-coed</i>	Bettws-y-coed.	—	—	—
Thos. Green, Bethania, Beddgelert	Braich-yr-oen	Cwm Llan, Beddgelert.	W. E. Parry	3	1
R. and T. Cartwright, 10, Bridge Street, Chester.	Bryneisteddfod	Parish of Bettws-y-coed.	T. Cartwright	2	—
William Veitch, Chemical Works, Crieff	Cae Coch	Trefriw	H. Nottingham	56	26
J. J. Lewis and others; Postal address, David Jones, Boot Inn, Llanrwst.	<i>Caerhegla</i>	Llanrhychwyn.	—	—	—
J. W. Gwynne Hughes, Tregil, Llandilo	Carnarvon Copper (Stopped May 1884.)	Nantlle Vale	John Roberts	3	1
Carnarvonshire Great Consols Lead Mining Co., Limited, 85, Gracechurch Street, London, E.C.	Carnarvon Great Consols.	Near Llanrwst	W. H. Borlase	4	2
Coed Mawr Pool and Fridd Lead Mining Co., Limited, H. V. Taylor, Secretary, 91, Finsbury Pavement, London, E.C.	Coedmawr Pool and Fridd (Stopped Feb. 1884.)	Near Bettws-y-coed	William Heard	—	1
Conway Valley Freehold Copper Mining Co., Limited, Albion Bank and Discount Co., Limited, Sheffield Buildings, 89, Victoria Street, Liverpool.	<i>Conway Valley</i>	Conway.	—	—	—
Cwm Dwyfor Mining Co., Limited, George J. Gray, Secretary, St. Clement's House, Clement's Lane, London, E.C.	<i>Cwm Dwyfor</i>	Pennant Valley, near Rhyd ddu.	Geo. J. Gray.	—	—
Owen Evans, Fridd, Llanrwst	Cyffty	Llanrwst	Owen Evans.	—	—
The Daugoch Mining Co., Limited, Abersoch, near Pwllheli.	<i>Daugoch</i>	Abersoch	Geo. F. Pearson.	—	—
De Eresby Mountain Lead Mining Co., Limited, Llanrwst, and Gracechurch Buildings, London, E.C.	De Eresby Mountain.	Llanrwst	John Roberts	20	12
Drws-y-Coed Copper Mining Co., Limited, Nantlle Vale, Carnarvon.	Drws-y-Coed	Nantlle Vale	Thomas Lewis	11	5
Executors of Geo. Beckingsale, C. Gregory, 81, Bishopsgate Street Within, London, E.C.	<i>East Wheel George</i>	Near Llanrwst.	—	—	—
Henry Maudslay, Westminster Palace Hotel, London, S.W.	<i>Ellen</i>	Bettws-y-coed	Charles Kneebone.	—	1
The representatives of the late Alexander Cork King, and the mortgagee Edward Bridges. Address: Messrs. Snowball Smith & Co., 5, Crosshall Street, Liverpool.	<i>Glyn</i>	Capel Curig.	—	—	—
Goddard's Mining Co., Limited, E. Beazley, 6 and 7, Coleman Street, London, E.C.	<i>Goddard's</i>	Near Llanrwst	R. H. Vivian.	—	—
Richard and Jouanneaux; H. Wolff, Llanrwst	<i>Great De Eresby Griffin</i>	Llanrhychwyn - Parish of Bettws-y-coed.	H. Wolff. Charles Kneebone.	—	—
Richard and Jouanneaux; H. Wolff, agent, Llanrwst.	Hafna	Trewydyr	H. Wolff	—	15
Llangelynin Mining Syndicate, Thomas Williams, Secretary, Station Road, Llanrwst.	Llangelynin	Conway	Thomas Williams	3	—
Henry Maudslay, Westminster Palace Hotel, London, S.W.	<i>Maudslay</i>	Beddgelert	Charles Kneebone	—	1
Nant-y-Gamer Fire Clay Co., Limited, 5, Tower Buildings North, Liverpool.	Nant-y-Gamer (Abandoned Sept. 1884.)	Llandudno	W. J. Joule	3	1
North De Eresby Mountain Lead Co., Limited, E. Beazley, 6 and 7, Coleman Street, London, E.C.	<i>North De Eresby</i>	Trefriw	R. H. Vivian.	—	—
Pantgwyn Mining Company, Abersoch, Pwllheli.	Pantgwyn	Abersoch, Pwllheli.	John Craze	50	32
Trefriw Mining Co., Limited, F. J. Collingwood, Secretary, Rhyl.	Rheuadrwst	Llanrhychwyn	Fred. J. Collingwood.	2	—
Standard Lead Mine, Limited, Llanrwst	Standard	Ditto	W. H. Borlase	20	14
H. Nottingham, Llanrwst	Tal-y-llyn (Stopped August 1884.)	Ditto	H. Nottingham	2	—

LIST of OWNERS, MINES, and AGENTS, under the METALLIFEROUS MINES REGULATION ACTS, in NORTH WALES, Part of SOUTH WALES, SHROPSHIRE, and the ISLE OF MAN—*cont.*

Owner or Company, and Postal Address.	Name of Mine. <i>Italics denote Mines suspended during the whole of 1884, but not abandoned.</i>	Situation.	Agent.	Persons ordinarily employed during the year 1884.	
				Below Ground.	Above Ground.
<b>CARNARVONSHIRE—<i>cont.</i></b>					
Tan-y-bwlch and Bwlch-y-toeyn Mining Co., Limited, Abersoch, near Pwllheli.	Tan-y-bwlch	Abersoch, near Pwllheli.	Geo. F. Pearson	30	33
Vale of Conway Lead Mining Co., Limited, 2, Lancaster Place, London, W.C., and Griffith Williams, Slate Quarries Quay, Carnarvon.	<i>Vale of Conway</i>	Trewydyr	G. Williams.	—	—
Peter Jones, 1, Marine Terrace, Portmadoc	West Port Nigel	Aberdaron	George Spargo	2	—
			Totals	211	145
<b>DENBIGHSHIRE.</b>					
Aberduna Lead Mining Co., Limited, in liquidation, W. Theobald, Liquidator, 23, St. Swithin's Lane, London, E.C.	Aberduna (stopped April 1884).	Mold	Rupert Prince	16	4
Walter Duncan and others, 97, St. Vincent Street, Glasgow.	<i>Belgrave</i>	Erryrys, Llanarmon-in-Yale.	Evan Roberts.	—	—
J. P. Davies, Flint	<i>Bryn Nant Llech</i>	Llansannan	Thos. Williams	—	—
J. A. Ede, J. Todd, W. Todd, and others, Laburnum Villas, Erryrys, Mold.	Brynymwyn and Pant-y-gwlanod.	Llanarmon-in-Yale	J. A. Ede	12	—
Cefn-y-gist Mining Company, Minera, Wrexham.	<i>Cefn-y-gist</i>	Minera	Sampson Michell.	—	—
Coed-y-fedw and Pant-y-buarth Lead Mining Co., Limited, 30, Great St. Helen's, London, E.C.	<i>Coed-y-fedw</i>	Mold	Rupert Prince.	—	—
Peter Jones, Maesysafn, Mold	Cornwallis West	Ruthir	Peter Jones	2	—
Creigiog Mining Co., Limited, 10, Coleman Street, London, E.C.	Creigiog (formerly Bodidris).	Llanarmon-in-Yale	H. Hotchkiss	14	6
Alfred Jones, Crest View, Dentigh	Crest	Denbigh	Alfred Jones	1	1
Dyffryn Aled Copper Mine Co., Llansannan, Abergele.	Dyffryn Aled	Llansannan	Richard Douglas	6	—
Eglwysog Lead Mining Co., Eglwysog, Llangollen.	<i>Eglwysog</i>	Llangollen	W. Ll. Clemence.	—	—
John and Richard Roberts and others, J. Roberts, Mason, Pen-y-gelli, Bersham, Wrexham.	Graig Poeth	Minera	John Roberts	4	—
M. Heslop, 16, Queen Victoria Street, London, E.C.	<i>Great New Westminster</i> (formerly Bryn Alyn).	Erryrys, Llanarmon-in-Yale.	J. A. Ede.	—	—
R. Douglas, Dyffryn Aled Mine, Llansannan, Abergele.	<i>Hendre ddu</i>	Llangerniew	R. Douglas.	—	—
Lady Ann Silver Lead Mining Co., Limited, 13, Clegg Street, Oldham, and Wm. Francis, 99, Edge Lane, Liverpool.	<i>Lady Ann</i>	Near Llanarmon	William Francis.	—	—
Llandegla Mining Co., Limited, 10, Coleman Street, London, E.C.	<i>Llandegla</i>	Llanarmon-in-Yale	H. Hotchkiss.	—	—
John Morris Foulkes and Edward Evans, Church Street, Coedpoeth, Wrexham.	Llewelyn	Minera	J. M. Foulkes	4	—
Mid Park Lead Mining Co., S. Michell, Minera, Wrexham.	<i>Mid Park</i>	Minera	Edward Williams.	—	—
Minera Mining Co. Limited, Minera, near Wrexham.	Minera	Minera, near Wrexham.	Josiah Ball	216	218
Minera Consols Co., Limited, S. P. Gilbert, Devonshire Chambers, Bishopsgate Street, London, E.C.	<i>Minera Consols</i> (includes West Minera).	Minera.	—	—	—
Minera Mountain Lead Mining Co., Limited, Minera, Wrexham.	<i>Minera Mountain</i>	Minera Mountain, near Wrexham.	S. Michell.	—	—
Abergele Hematite Co., Limited (in liquidation), W. Shone, Liquidator, 68, Watergate Street, Chester.	<i>Nant Uchaf</i>	Abergele.	—	—	—
R. Douglas, Llansannan, Abergele	<i>Nant-y-plwm</i>	Llansannan	R. Douglas.	—	—
George Dawes, Milton Iron Works, Barnsley, Yorkshire.	Pant Du and Waenlas.	Parish of Llanferres	Rupert Prince	3	1
Pant Glas Mine Co.; W. Francis, 99, Edge Lane, Liverpool.	<i>Pant Glas</i>	Llanarmon-in-Yale	William Francis.	—	—
Park Lead Mining Company, Limited, Minerva, Wrexham.	Park	Minera, near Wrexham.	Sampson Michell	12	11
Plas Du and Park Mining Co., Richard Beech, Star Inn, Llanarmon, near Mold.	<i>Plas Du and Park</i>	Llanarmon, near Mold.	Richard Beech.	—	—
Peter Mostyn Williams, Wellington Chambers, Rhyl.	<i>Siambur Wen</i>	Abergele	Peter Mostyn Williams.	—	—
John Langford and Co., Dog and Partridge Inn, Bwlchgwyn, Minera, Wrexham.	Twelve Apostles (including part of Consolidated Minera).	Minera	John Langford	4	—

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Owner or Company, and Postal Address.	Name of Mine. <i>Italics denote Mines suspended during the whole of 1884, but not abandoned.</i>	Situation.	Agent.	Persons ordinarily employed during the year 1884.	
				Below Ground.	Above Ground.
DENBIGHSHIRE— <i>cont.</i>					
North Wales Iron Ore Co., W. A. Hills, Saltney, Chester.	<i>Ty'n y Caeau</i> (Stopped March 1884).	Abergele -	W. A. Hills -	6	3
C. J. Gibbons, Plas Maelor, Wrexham -	<i>Union and Boundary.</i>	Minera, near Wrexham.	C. J. Gibbons -	—	—
John L. M. Fraser, Greenfield House, Wrexham.	<i>Westminster Bog-</i>	Llanarmon, Mold -	J. L. M. Fraser.	—	—
			Total - -	300	244
FLINTSHIRE.					
Beuno Consols Mining Co., Limited, 77, Bloomsbury, Oxford Street, Manchester.	Beuno Consols (Stopped June 1884).	Holywell - -	John Woolcock -	6	2
Thomas Gee, Denbigh - - - -	<i>Bodfari</i> - -	Bodfari.	—	—	—
Rupert Prince and others, Mold - - -	<i>Bryn-hyfryd</i> - -	Mold - -	Rupert Prince -	—	—
Joseph Winter, 20, Marsden Square Manchester.	<i>Clwt-y-Militia</i> - -	Brynford, Holywell	Jesse Davies -	—	—
Coitia Mawr Lead Mining Co.; John Lloyd, Antelope Inn, Rhydymwyn, Mold.	<i>Coitia Mawr</i> - -	Gwernaffield, Mold	John Lloyd - -	—	—
Robert Evans, Slate Merchant, and Thomas Hughes, Rhyl.	<i>Coppa'r Fran</i> - -	Holywell - -	G. Harrison -	2	—
Samuel Williamson, Septimus S. Williamson, Octavus J. Williamson, and others. Parry's Mine Company's office, Halkin, Holywell.	<i>Dafarn Dywyll</i> - -	Halkin - -	Edward Roberts.	—	—
Francis Wright and Co., Rhyl - - -	<i>Dyserth Castle and Gop.</i>	Newmarket, Rhyl	George Harrison.	—	—
East Long Rake Lead Mining Co., Limited, Granite Buildings, 6, Stanley Street, Liverpool.	East Long Rake -	Rhes-y-Cae, Halkin, Holywell.	H. B. Vercoe -	6	2
Richard Edwards, Wern Gaer, Rhosesmor, near Halkin.	<i>Ffagnallt</i> - -	Halkin - -	Richard Edwards -	4	—
T. P. James, address: R. E. Jones, 38, Fountain Street, Manchester.	<i>Flintshire Lead</i> - -	Mold - -	Thomas Miners.	—	—
John Clay, Rhuddlan, near Rhyl - - -	<i>Foel Hiraddug</i> - -	Cwm, near Rhyl -	M. A. Gage -	6	—
James Goddard and Co., Pant-y-go, Halkin, Holywell.	<i>Foel-y-crio</i> - -	Halkin - -	James Goddard -	2	—
Fron Hall United Mining Co., Limited, J. E. Edwards, Town Hall, Chester.	Fron Hall United	Gwernymynydd, Mold.	John Mansbridge -	7	—
Sarah Hughes Jones, Brynford Rectory, Holywell.	<i>Gladstone</i> - -	Brynford, Holywell	Sarah Hughes Jones.	—	—
Golden Grove Mine Co., Limited, Gwaenysgor, Rhyl.	<i>Golden Grove</i> - -	Gwaenysgor -	William Sandoe.	—	—
Gorsedd and Merlyn Consols Mining Co., Limited, in liquidation, H. R. Duke, Liquidator, 7, Queen Victoria Street, London, E.C.	Gorsedd and Merlyn. (Stopped April 1884.)	Gorsedd, near Holywell.	Robert Rowlands -	7	4
Holywell Lime and Cement Co., Limited, 70, Victoria Street, Liverpool.	Grange - -	Holywell - -	Joseph Storey -	19	1
Great Holway Lead Mining Co., Limited, 30, Great St. Helens, London.	Great Holway -	Holway, near Holywell.	W. T. Harris -	76	33
Grosvenor Lead Mining Co., Limited, 9 and 10, Cambridge Chambers, Lord Street, Liverpool.	<i>Grosvenor</i> - -	Halkin, near Holywell.	—	—	—
Gwaenysgor Mining Co., Limited, Gwaenysgor, Rhyl.	Gwaenysgor - -	Gwaenysgor -	William Sandoe -	4	1
Gwern-y-mynydd Mining Co., Limited, Mold	Gwern-y-mynydd (Stopped Aug. 1884.)	Mold - -	Benjamin Williams	25	10
Halkin Mining Co., Limited, Halkin, Holywell	Halkin - -	Holywell - -	Matthew Francis -	28	12
Halkin District Mines Drainage Co., Halkin, Holywell.	Halkin Deep Level	Halkin - -	F. S. Williams -	—	3
Holway Consols, Limited, in liquidation, W. Theobald, Liquidator, 23, St. Swithin's Lane, London, E.C.	Holway Consols (Stopped April 1884.)	Holywell - -	W. T. Harris -	8	12
Holway District Lead Co., Limited, 30, Great St. Helen's, London, E.C.	Holway District (formerly West Holway).	Holywell - -	Robert Rowlands -	10	—
Hope Mountain Silver Lead Mining Co., Limited, Ffrith, Wrexham.	<i>Hope Mountain</i> -	Ffrith, near Wrexham.	George Francis.	—	—
Machno Mine Co.; Abel Jones and Co., Brynford near Holywell.	<i>Machno</i> - -	Grange Common, Holywell.	Abel Jones - -	2	—
Mostyn Consols Mining Co., Limited, 77, Bloomsbury, Oxford Street, Manchester.	Mostyn Consols -	Whitford - -	John Woolcock -	2	2
Holywell Lime and Cement Co., Limited, 70, Victoria Street, Liverpool.	(Stopped June 1884.) Nant - -	Holywell - -	Joseph Storey -	4	1

LIST of OWNERS, MINES, and AGENTS, under the METALLIFEROUS MINES REGULATION ACT, in NORTH WALES, Part of SOUTH WALES, SHROPSHIRE, and the ISLE OF MAN—*cont.*

Owner or Company, and Postal Address.	Name of Mine. <i>Italics denote Mines suspended during the whole of 1884, but not abandoned.</i>	Situation.	Agent.	Persons ordinarily employed during the year 1884.	
				Below Ground.	Above Ground.
<i>FLINTSHIRE—cont.</i>					
Evan Roberts & Co., Belgrave Mine, Llanarmon, Mold.	New East Pant Du (formerly East Pant Du).	Nerquis - -	Evan Roberts -	4	—
Edward and Robert Jones, Holway, Holywell	New Pant-y-Ne -	Holway, Holywell	E. M. Evans -	2	—
North Henblas Mining Co., Limited, in liquidation, W. C. Spencer, Liquidator, Cook Street, Liverpool.	North Henblas (Stopped July 1884.)	Milwr, Holywell -	W. J. Bew -	24	29
North Hendre Lead Mining Co., Limited, T. J. Powell, Secretary, 14, Newgate Street, Chester.	North Hendre -	Near Mold -	Goodman Ellis -	63	21
John N. Brown, Anglesey House, Handsworth, Birmingham.	North Pant-y-go -	Halkin -	William Wasley -	6	4
A. Champ and T. Pierce, Pantasaph, Holywell	North Pant-y-Ne -	Holywell - -	T. Pierce - -	3	—
Pant-y-Buarth and Coed-y-fedw Lead Mines Co., Limited, 30, Great St. Helen's, London, E.C.	Pant-y-Buarth -	Gwernaffield, near Mold.	Rupert Prince -	11	6
Pant-y-Mwyn Lead Mining Co., Limited, 23, Old Hall Street, Liverpool.	<i>Pant-y-Mwyn</i> -	Near Mold.	—	—	—
Pioneer Mining Co., Limited, in liquidation, Grimwade and Co., Liquidators, 32, Queen Victoria Street, London, E.C.	<i>Pant-y-Pydeu</i> -	Holywell.	—	—	—
John Lloyd and Co., Antelope Inn, Rhydymwyn, Mold.	Pant-y-Rhes -	Halkin - -	John Lloyd - -	2	—
S. Williamson, S. S. Williamson, O. J. Williamson, and others, Parry's Mine, Halkin, Holywell.	Parry's Mine -	Halkin, Holywell -	Jos. Hodgkinson -	2	—
Pennant Mine Co., Limited, in liquidation, H. R. Duke, Liquidator, 7, Queen Victoria Street, London, E.C.	Pennant (Stopped September 1884.)	St. Asaph - -	John Kemp -	14	6
Pen-yr-orsedd Lead Mining Co., Limited, in liquidation, H. R. Duke, Liquidator, 7, Queen Victoria Street, London, E.C.	Pen-yr-orsedd -	Rhosesmor -	Rupert Prince -	4	1
John Phillips and Co., Pen-y-Ball, Holywell -	<i>Picton</i> - -	Pen-y-Ball, Holywell.	—	—	—
Plas-yn-Rhos Mining Co., E. Lewis, Mostyn Quay, Holywell.	<i>Plas-yn-Rhos</i> -	Rhosesmor - -	Enoch Lewis -	—	—
Prince Patrick Lead Mining Co., Limited, Thomas Hughes, Secretary, 9 and 10, Cambridge Chambers, Lord Street, Liverpool.	Prince Patrick -	Halkin, near Holywell.	John Paull -	14	7
Richard Evans and Benjamin Piercy and Co., Pont Euaion, Northop.	<i>Pwll Gwen Llan</i> -	Ditto - -	Edwin Bellis -	—	—
Queen of the Mountain Mine Co., Limited, J. Lancaster, 38, Victoria Street, Liverpool.	<i>Queen of the Mountain.</i>	Halkin, Holywell -	Wm. Roberts -	—	—
Rhosesmor Mining Co., Wakefield and Enoch, Secretaries, 16, Corn Exchange Chambers, Chester.	Rhosesmor -	Ditto - -	Thomas Parry -	48	17
Rhydalun Mining Co., Limited, in liquidation, Rhydymwyn, near Mold.	Rhydalun -	Rhydymwyn, near Mold.	Matthew Francis -	4	2
Joseph Edwards, and others, Red Houses, Holywell.	Saithaelwyd -	Holywell - -	James Hughes -	2	—
Sinclair Lead and Blende Mining Co., Limited, H. R. Duke, 7, Queen Victoria Street, London, E.C.	Sinclair (Stopped April 1884.)	Ditto - -	W. Edwards -	6	3
Cooper and Harding, Manchester, and Sir Edward Mining Co., Holywell.	Sir Edward -	Holywell - -	Joseph Eustice -	2	—
Hugh Williams and Co., Tyddyn bach, Caethrav, Carnarvon.	<i>South Pwll Gwen Llan.</i>	Halkin.	—	—	—
Speedwell and Grange Lead Mining Co., James Hughes and others, Star Inn, Holywell.	Speedwell and Grange.	Holywell - -	Robert Thomas -	2	—
Talaere and Gronant Lead Mining Co., Limited, T. J. Powell, 14, Newgate Street, Chester.	Talaere and Gronant.	Gronant - -	Goodman Ellis -	65	38
Talargoch Mining Co., Rhyl - - -	Talargoch - -	Dyserth - -	John Lean - -	30	75
Edward Pierce, Trelogan Hall, Llanasa, Holywell.	Trelogan -	Llanasa - -	Edward Pierce -	2	6
Ucha United Mines, Limited, Gwern-y-mynydd, Mold.	Ucha United -	Gwern-y-mynydd, Mold.	Luther Martin -	6	—
Victor Lead Mining Co., Limited, Thomas Hughes, Secretary, 9 and 10, Cambridge Chambers, Lord Street, Liverpool.	Victor - -	Rhydymwyn, near Mold.	John Paull - -	9	5
Vron Lead Mining Co., Limited, J. W. Lawson, Secretary, 201, Mansion House Chambers, Queen Victoria Street, London, E.C.	Vron - - -	Hendre, Mold -	Edwin Harper -	3	3
Thomas Jones and Brothers, Wern-y-Gaer, Halkin.	<i>Wagstaff</i> -	Halkin - -	Thos. Jones.	—	—

LIST OF OWNERS, MINES, and AGENTS, under the METALLIFEROUS MINES REGULATION ACT, in NORTH WALES, Part of SOUTH WALES, SHROPSHIRE, and the ISLE OF MAN—*cont.*

Owner or Company, and Postal Address.	Name of Mine. <i>Italics denote Mines suspended during the whole of 1884, but not abandoned.</i>	Situation.	Agent.	Persons ordinarily employed during the year 1884.	
				Below Ground.	Above Ground.

FLINTSHIRE—*cont.*

Westminster Consols, Limited, W. Grant, Secretary, 23, Queen Anne's Gate, Westminster, London, S.W.	<i>Westminster Consols</i> (Stopped July 1884.)	Holywell - -	Cowell Hilden.	3	2
T. Hughes and others; Address, Robert Evans, 1, Vale Road, Rhyl.	West Trelogan -	Llanasa - -	Robert Evans -	12	5
			Totals -	561	313

## MERIONETHSHIRE.

British Silver Lead Mining Co., Limited, Greenfields, Wrexham.	<i>British Silver Lead Mine.</i>	Blaenau Festiniog	J. L. M. Fraser.	—	—
Clogau Mining Company, Limited, Bont-ddu, Dolgelly.	<i>Clogau</i> - -	Near Bont-ddu, Dolgelly.	W. A. De la Beche Ramsay.	—	—
New Glasdir Mining Co., Limited, 4, New Broad Street, London, E.C.	<i>Glasdir</i> - -	Llanfachreth, near Dolgelly.	—	—	—
B. L. Barrow, Sydnop Hall, Matlock, Derbyshire.	Great Manod -	Manod Mawr, Festiniog.	B. L. Barrow -	2	—
Mawddach Gold Mining Co., Limited, 1, Queen Victoria Street, London, E.C.	Gwynfynydd -	Trawsfynydd -	T. A. Readwin -	18	4
John Williams, Madryn, Pwllheli -	<i>Hafod-y-Spytty</i> -	Festiniog - -	- - -	—	1
The Pioneer Mining Co., Limited (in liquidation), Grimwade and Co., Liquidators, 32, Queen Victoria Street, London, E.C.	<i>Pioneer</i> - -	Talsarnau.	- - -	—	—
Henry Maudslay, Westminster Palace Hotel, London, S.W.	<i>Sygun and Crib-ddu</i>	Beddgelert - -	Charles Kneebone	—	1
Geo. Holcroft, Tyddyngwladis, Ganllwyd, Dolgelly.	<i>Tyddynwladis</i> -	Dolgelly.	—	—	—
			Totals -	20	6

## MONTGOMERYSHIRE.

F. C. Hills and Co., Deptford, London, S.E. -	<i>Berwyn Phosphorite</i>	Near Llangynog.	—	—	—
Caelan and Cefn Gwyn United Mining Co., Limited, Ynysfaig House, viâ Dolgelly, and J. B. Masefield, Secretary, Ledbury, Herefordshire.	Caelan - -	Pennant, Llanbrynmair.	John Hughes -	2	1
Lord Sudeley, Tregynon Hall, near Newtown	Carnedd - - (Abandoned Aug. 1884.)	Caersws - -	J. B. Rowse -	7	4
J. Hughes Jones and Griffith W. Griffiths, Machynlleth.	<i>Cwmbyr</i> - -	Penegoes, Machynlleth.	G. W. Griffiths -	—	1
W. Sunderland, 43, Waterloo Street, Birmingham.	Cwmgwnen -	Llanfyllin - -	W. Sunderland	2	—
Cwmorog Silver Lead Mining Co., Limited, 114, Colmore Street, Birmingham.	<i>Cwmorog</i> - -	Llangynog - -	A. E. Wenham.	—	—
Frederick Last and Sons, Albert Buildings, 49, Queen Victoria Street, London, E.C.	Cyfartha - -	Penegoes - -	Frank Kitto -	6	1
Francis Evans, Carreglwyd, Oswestry -	<i>Dinas</i> - -	Llanidloes - -	F. Evans.	—	—
John Kitto and others, Llanidloes - -	<i>Geifron and Gwestyn.</i>	Near Llanidloes -	J. Kitto.	—	—
W. Lefeaux and Co., Llanidloes - -	<i>Glangwden</i> - -	Ditto - -	W. J. Lefeaux.	—	—
C. Herbert Stokes, 43, Maddox Street, London, W.	<i>Glaslyn, Moel, and West Cyfartha.</i>	Machynlleth -	C. Herbert Stokes.	—	—
Great Dyliffe Mining Co., Limited, 20, Moor-gate Street, London, E.C.	Great Dyliffe - (Stopped July 1884.)	Llanbrynmair -	Evan Evans -	27	19
William Taylor, 55, Aldermanbury, London, E.C.	<i>Great Gias and Nant-y-Richet.</i>	Near Llanidloes -	David Price.	—	—
Sir John Conroy, Bart., Arborfield, Reading, Berkshire.	<i>Llanerchyllid</i> -	Llanbrynmair -	Thomas Owen.	—	—
F. T. Whitehead, 8, Exchange Street, Bolton-le-Moors	<i>Moelfre</i> - -	Llandinam - -	F. T. Whitehead.	—	—
W. Lefeaux and Co., Llanidloes - -	Nantiago - -	Plynlimmon Mountain.	W. Lefeaux -	6	2
Nant Rhys Syndicate, Limited, W. Michell, Wemyss Mine, Devil's Bridge, Aberystwith.	<i>Nant Rhys</i> - -	Near Llangurig -	W. Michell.	—	—
New Llangynog Lead Mining Co., Limited (in liquidation), Llangynog, near Oswestry.	<i>New Llangynog</i> -	Llangynog, near Oswestry.	James Hill.	—	—

LIST of OWNERS, MINES, and AGENTS, under the METALLIFEROUS MINES REGULATION ACT, in NORTH WALES, Part of SOUTH WALES, SHROPSHIRE, and the ISLE OF MAN—*cont.*

Owner or Company, and Postal Address.	Name of Mine. <i>Italics denote Mines suspended during the whole of 1884, but not abandoned.</i>	Situation.	Agent.	Persons ordinarily employed during the year 1884.	
				Below Ground.	Above Ground.
<b>MONTGOMERYSHIRE—<i>cont.</i></b>					
J. D. Pugh, Wrexham, and W. J. Thornhill, 68, Finsbury Pavement, London, E.C.	<i>North and South Llangynog.</i>	Llangynog	Joseph Michell	—	1
Leigh Howell, Bagillt Iron Works, Holywell	<i>Penclyn</i>	Llanidloes.	—	—	—
Snowbrook Silver Lead Mining Co., Limited, F. E. Briggs, Secretary, 22, Royal Exchange Chambers, Leeds.	<i>Snowbrook</i>	Parish of Llangurig	R. B. Edwards.	—	—
Sir John Conroy, Arborfield, Reading	<i>Ty issa (formerly Cae Conroy).</i>	Llanbrynmair	Thomas Owen	3	—
Van Mining Co., Limited, 95, Dashwood House, New Broad Street, London, E.C., and Llanidloes.	<i>Van</i>	Llanidloes	W. H. Williams	171	164
New Van Consols and Glyn Mining Co., Limited, in liquidation, James Cooper, 3, Coleman Street Buildings, London, E.C.	<i>Van Consols and Glyn.</i>	Bryntail, Llanidloes	James Roach	1	6
West Wye Valley Mining Co., Limited, Llanidloes.	<i>West Wye Valley</i>	Pantmawr	J. Kitto and Son.	—	—
Wye Mining Co., Limited, Llanidloes	<i>Wye (formerly Wye Valley).</i>	Llangurig	John Kitto and Son	6	2
			Totals	231	201

**RADNORSHIRE.**

Thomas Meredith, Dryscol, Rhayader, Radnorshire.	Dryscol	St. Harmon	Thomas Meredith	2	—
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**SHROPSHIRE.**

Tankerville Great Consols Co., Limited, Minsterley, and 8, Austin Friars, London, E.C.	<i>Bog Mine (Stopped May 1884.)</i>	Minsterley	Arthur Waters and Son.	83	46
Bulthy Mine Lead and Barytes Works Co., Middletown.	<i>Bulthy</i>	Middletown	Edgar O. Ferguson	2	11
R. and C. Gill, 13, Rumford Street, Liverpool	<i>Crickheath</i>	Pant	Joseph Henderson	8	4
East Roman Gravels Mining Company, Limited, in liquidation, Wm. Edwards, Liquidator, Griffin Works, Wolverhampton.	<i>East Roman Gravels (Stopped 1884.)</i>	Worthen	W. Edwards	6	4
William Boustred and George Young, Pontesbury, Salop.	<i>East Wotherton</i>	Near Chirbury	Wm. Boustred	9	1
Ladywell Mining Co., Limited, Arthur Whittall, Liquidator, Linley, Bishop's Castle, Salop.	<i>Ladywell</i>	Shelve, Minsterley	Arthur Whittall.	—	—
North Tankerville Mining Co., James Yelland, Pontesbury.	<i>North Tankerville</i>	Worthen	James Yelland	4	—
Tankerville Great Consols Co., Limited, Minsterley, and 8, Austin Friars, London, E.C.	<i>Pennerley (Stopped May 1884.)</i>	Minsterley	Arthur Waters and Son.	70	46
T. H. Watson, 22, Royal Exchange Chambers, Leeds.	<i>Perkins Beach</i>	Worthen	S. M. Ridge	6	—
Roman Gravels Mining Co., Limited, 30, Finsbury Circus, London, E.C.	<i>Roman Gravels</i>	Minsterley	Arthur Waters and Son.	115	64
G. Schofield Underwood, Friar Place, Acton, Middlesex.	<i>Roman Gravels Boundary.</i>	Minsterley	W. Holyoake.	—	—
Snailbeach Mining Co., Limited, Pontesbury, Shrewsbury.	<i>Snailbeach (Underground work stopped Dec. 1884.)</i>	Minsterley	Henry Dennis	72	76
South Roman Gravels Mining Co., Limited, 22, Royal Exchange, Leeds.	<i>South Roman Gravels.</i>	Minsterley	S. M. Ridge	9	1
Steeraway Lime Co., Wellington	<i>Steeraway</i>	Wellington	James Groom	16	6
Tankerville Great Consols Co., Limited, Minsterley, Salop, and 8, Austin Friars, London, E.C.	<i>Tankerville (Stopped May 1884.)</i>	Worthen	Arthur Waters and Son.	64	34
Cliff Dale Barytes Co., Pontesbury, Salop	<i>Weston and Churchstoke.</i>	Weston, near White Grit.	William Boustred	4	—
E. Bunny, C. Saxelby, and S. Darwin, 25, High Street, Shrewsbury.	<i>West Roman Gravels (Abandoned July 1884.)</i>	Chirbury.	—	2	—
Wotherton Barytes and Lead Mining Co., Limited, 71, Tower Buildings, Liverpool.	<i>Wotherton</i>	Chirbury	Wm. Vincent	10	21
			Totals	480	314

LIST of OWNERS, MINES, and AGENTS, under the METALLIFEROUS MINES REGULATION ACT, in NORTH WALES, Part of SOUTH WALES, SHROPSHIRE, and the ISLE OF MAN—*cont.*

Owner or Company, and Postal Address.	Name of Mine. <i>Italics denote Mines suspended during the whole of 1884, but not abandoned.</i>	Situation.	Agent.	Persons ordinarily employed during the year 1884.	
				Below Ground.	Above Ground.
<b>ISLE OF MAN.</b>					
Bell Abbey and Falcon Cliff Mines Co., Limited, Port Erin.	<i>Bell Abbey and Falcon Cliff.</i>	Rushen - -	R. Barkell.	—	—
Bradda Mines Co., Limited; R. Rowe, 26, Athol Street, Douglas.	Bradda - -	Port Erin - -	R. Rowe - -	6	10
Central Foxdale Silver Lead Mining Co., Limited, Thomas Hughes, Secretary, 10, Cambridge Chambers, Lord Street, Liverpool.	Central Foxdale -	Marown - -	John Gentle -	26	38
Isle of Man Mining Co., Limited, Foxdale, near Douglas.	Foxdale and Townshend.	Foxdale - -	Wm. Kitto - -	265	182
H. Beckwith and F. H. Lyell, 96, Palmerston Buildings, London, E.C.	Garth - -	Marown - -	John Shimmuin -	4	—
Henry Beckwith, 96 and 97, Palmerston Buildings, Old Broad Street, London, E.C.	<i>Glen Darraugh</i> -	Marown.	—	—	—
Great Laxey Mining Co., Limited, Laxey - The Kirk Michael Mining Co., Limited (in liquidation), E. Ashmead, Liquidator, 2, Draper's Gardens, London, E.C.	Great Laxey - <i>Kirk Michael</i> -	Laxey Glen - Kirk Michael -	F. Reddcliffe - R. Rowe.	284 —	202 —
Derbyhaven Trial Co. (in liquidation), W. Todhunter, Douglas.	<i>Langness</i> - -	Castletown.	—	—	—
North Laxey Mining Co., Limited, 26, Athol Street, Douglas.	<i>North Laxey</i> -	Maughold - -	R. Rowe.	—	—
Rushen Mining Association, Limited, Colby - Snaefell Mining Co., Limited, W. E. Young, Secretary, Athol Street, Douglas.	Rushen - - Snaefell - -	Colby - - Lonan - -	R. Barkell - - W. E. Young -	6 17	5 8
			Totals -	608	445

**SLATE MINES.****CARNARVONSHIRE.**

Bugail Slate Co., Limited, Portmadoc -	Bugail - -	Parish of Penmachno.	Owen Williams -	16	18
O. E. Hughes, Trefriw, R.S.O. - -	Clogwyn - -	Trefriw - -	O. E. Hughes -	7	5
Prince Llewelyn Slate Co., Dolwyddelen, R.S.O.	Prince Llewelyn -	Dolwyddelen -	Daniel Williams -	5	6
Prince of Wales Slate Co., Limited, St. Clement's House, Clement's Lane, London, E.C.	Prince of Wales -	Rhyd-ddu - -	Geo. J. Gray -	4	—
Festiniog Slate Co., Limited, Portmadoc, R.S.O.	Rhiwbach, No. 1 -	Rhiwbach, Penmachno.	Jas. G. Tuxford -	8	71
			Totals -	40	100

**DENBIGHSHIRE.**

Maengwynedd Slate and Slab Co., Llanrhaidr, Oswestry.	Maengwynedd -	Llanrhaidr -	Wm. Thos. Owen	2	—
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**MERIONETHSHIRE.**

Abercorris Slate and Slab Co., Limited, Corris, Machynlleth.	Abercorris - -	Corris - -	J. W. Orchard -	29	16
R. D. Pryce, Cyfronydd, near Welshpool -	Aberllefenny -	Aberllefenny, near Corris.	David Jones -	78	71
Liverpool and Birkenhead Slate and Slab Co., Limited (in liquidation), H. D. Eshelby, Liquidator, Harwood Banner and Son, 24, North John Street, Liverpool.	<i>Braich Du</i> - -	Maentwrog and Trawsfynydd.	—	—	—
Braichgoch Slate Quarry Co., Limited, Corris, near Machynlleth.	Braichgoch - -	Corris - -	Edwd. Williams -	148	88
W. McConnell, Towyn, R.S.O. - -	Bryneglwys and Cantrybedd.	Llanfihangel-y-Pennant.	Meyrick Roberts -	148	139
Bwlch-y-Slater Slate Quarry Co., 36, Eastgate Street, Chester.	Bwlch-y-Slater -	Festiniog - -	F. F. Brown -	16	26
Samuel Pope, Penrhyndeudraeth - -	Croesor - -	Parish of Llanfrothen.	Thos. Williams -	4	—
	<i>Croes-y-ddwy-afon</i>	East of Festiniog.	—	—	—

LIST OF OWNERS, MINES, and AGENTS, under the METALLIFEROUS MINES REGULATION ACT, in NORTH WALES, Part of SOUTH WALES, SHROPSHIRE, and the ISLE OF MAN—*cont.*

Owner or Company, and Postal Address.	Name of Mine. <i>Italics denote Mines suspended during the whole of 1884, but not abandoned.</i>	Situation.	Agent.	Persons ordinarily employed during the year 1884.	
				Below Ground.	Above Ground.
<b>MERIONETHSHIRE—<i>cont.</i></b>					
Wm. Boggett, 97, Cheyne Walk, Chelsea	Crown	Penrhyn-gwyn, Dolgelly.	Thomas Evans	6	—
Cwmorthin Slate Co., Limited, Tan-y-grisiau, via Carnarvon.	Cwmorthin	Tan-y-grisiau, Festiniog.	Andreas Roberts	209	192
Lewis H. Evans, 33, Walbrook, London, E.C.	Cyfanedd	Arthog	—	6	2
H. N. Hughes, Harvey Buildings, 24, James Street, Liverpool.	Cymerau	Corris	Evan Griffith	18	8
Diphwys Casson Slate Co., Limited, Blaenau Festiniog.	Diphwys Casson	Blaenau Festiniog	E. P. Jones	54	143
Drum Slate Quarry Co., Limited, in liquidation, F. G. Painter, Liquidator, Moorgate Street Buildings, London, E.C.	Drum	Festiniog.	—	—	—
Braichgoch Slate Quarry Co., Limited, Corris, Machynlleth.	Gacwern	Corris	Edward Williams	Included in Braichgoch return.	
G. A. Walker and Co., Henddol Quarry, Ynys-faig, via Dolgelly.	Henddol	Dolgelly	W. C. Logan	15	21
John W. Greaves and Sons, Blaenau Festiniog.	Llechwedd	Blaenau Festiniog	Evan Thomas	231	232
Maen Offeren Slate Quarry Co., Limited, 4, East India Avenue, London, E.C.	Maen Offeren	Do.	William Owen	116	168
Manod Slate Quarry Co. (Samuel Jones and others), Blaenau Festiniog.	Manod	Do.	Evan C. Jones	3	11
Carlyle Slate and Slab Co., Limited, Dinas Mawddwy, R.S.O.	Minllyn	Dinas Mawddwy	W. Bullock	35	40
Moelferna and Dee Side Slate and Slab Co., Limited, Glyndyfrdwy, Llangollen.	Moelferna	Glyndyfrdwy	Richard Roberts	19	27
New Conglog Slate and Slab Co., Limited, 20, Princess Square, Plymouth.	New Conglog	Tan-y-grisiau, Festiniog.	John K. Rowe	16	3
The Oakeley Slate Quarries Co., Limited, 3, Old Palace Yard, Westminster Abbey, London, S.W.	Oakeley Middle Quarry.	Blaenau Festiniog	A. M. Dunlop	180	169
Do. Do.	Oakeley Upper Quarry.	Do.	Do.	234	214
Welsh Slate Co., H. F. Phillips, Secretary, 8, Adelphi Terrace, London, W.C.	Palmerston	Do.	Robert Owen	300	352
William Davis, Bridgend, Glamorganshire. Address, W. Griffith and Sons, Solicitors, Dolgelly.	<i>Pant Mawr</i>	Great Moelwyn Mountain.	—	—	—
James Staveley, 24, Ribblesdale Place, Preston.	Park	Llanfrothen	Wm. Kellow	6	11
J. Parry Jones and E. H. Phillips, Corwen	Penarth	Near Corwen	E. H. Phillips	4	7
H. N. Hughes, Harvey Buildings, 24, James Street, Liverpool.	Ratgoed	Corris	Evan Griffith	9	8
New Rhosydd Slate and Slab Co., Limited, Tan-y-grisiau.	Rhosydd	Tan-y-grisiau, Festiniog.	W. W. Morris	90	88
William Jones, O. R. Owen, and others, Blaenau Festiniog. Address, O. R. Owen, Bowydd Buildings, Blaenau Festiniog.	Voelgron	East of Festiniog	O. R. Owen	2	—
Votty and Bowydd Slate Quarries Co., Limited, Blaenau Festiniog.	Votty and Bowydd	Blaenau Festiniog	J. Lloyd Jones	247	146
Wrysgau Slate Quarry Co., Limited, John Jones, Secretary, Portmadoc, R.S.O.	Wrysgau	Tan-y-grisiau, Festiniog.	Robert Roberts	50	43
			Totals	2,273	2,275
<b>MONTGOMERYSHIRE.</b>					
Rhiwarth Slate and Slab Co., Owen Roberts, Secretary, Llangynog, Oswestry.	Rhiwarth	Llangynog	O. Roberts	6	10

LIST OF OWNERS and OPENWORKS in Parts of NORTH and SOUTH WALES, and in the ISLE OF MAN.

Owner or Company, and Postal Address.	Name of Openwork.	Situation.	Agent.	Persons ordinarily employed during the Year 1884.
	Name of suspended Openworks in <i>Italics</i> .			
<b>ANGLESEY.</b>				
Amlwch Gas and Chemical Co., T. F. Evans, Amlwch.	Amlwch Chemical Works.	Amlwch	T. F. Evans	3
<b>BRECONSHIRE.</b>				
R. Lewis Lloyd, Cwm Efan, Rhayader, and United University Club, Pall Mall, London.	Dalrhew	Rhayader	—	4

## LIST OF OWNERS, and OPENWORKS in Parts of NORTH and SOUTH WALES, and in the ISLE of MAN--cont.

Owner or Company, and Postal Address.	Name of Openwork. Names of suspended Openworks in <i>Italics.</i>	Situation.	Agent.	Persons ordinarily employed during the Year 1884.
CARNARVONSHIRE.				
Alexandra Slate Co., Limited, Carnarvon	Alexandra	Moel Tryfan	John Menzies	*
Bangor and Carnarvon Welsh Slate Co., Morgan Richards, Bangor.	Bangor and Carnarvon, & West Dorothea.	Nantlle	Morgan Richards	*
John Pearson, Golborne Park, Newton-le-Willows, Braich Slate Co., Carnarvon.	Braich	Moel Tryfan	W. B. Jeffrey	84
G. W. Cooke, Bryn Quarry, Bangor	Brynhafod-y-Wern	Llanllechid	G. W. Cooke	*
Bryn Mawr Slate Co., Llanberis	<i>Bryn Mawr</i>	Llanberis	Thomas Colliver.	—
Brynyfferam Slate Co., Mount Pleasant Villa, Carnarvon.	<i>Brynyfferam</i>	Moel Tryfan	J. A. Fraser.	—
William Dew, Brynbras Castle, Carnarvon	Bwlch-y-ddeilor	Rhyd-ddu	—	*
J. T. Campbell, 17, Warwick Street, Regent Street, London, W.	Cacmeinciau	Llanberis	W. B. Jeffrey	*
Capel Curig Slate Co., Limited, 21, Cannon St., Manchester.	Capel Curig	Capel Curig	D. W. Evans	*
Llanberis Slate Co., Limited, Carnarvon	Cefn Du	Llanberis	John Menzies	*
Cilgwyn Slate Co., Carnarvon	Cilgwyn	Nantlle	W. H. Carter	236
John Armor Hughes, solicitor, Porthyrour, Carnarvon.	Clogwyn-y-Gwin	Rhyd-ddu, Carnarvon.	—	4
John Pearson, Golborne Park, Newton-le-Willows, Coed Madog Slate Co., Carnarvon.	Coed Madog	Nantlle	W. B. Jeffrey	*
Mrs. Trew Jegon, Chalvey Park, Slough	Cook and Ddol	Llanberis	—	24
G. W. Duff Assheton Smith, Dinorwic Quarries, Llanberis.	Dinorwic	Do.	J. H. Wyatt	*
Dorothea Slate Quarry Co., Nantlle, Pen-y-groes, R.S.O.	Dorothea	Nantlle	O. T. Owen	*
Foel Clynnog Slate Quarries, Limited, Pen-y-groes R.S.O., Carnarvonshire, and W. Hooper, Secretary, 2, Bank Buildings, Princes St., London, E.C.	Foel Clynnog	Pen-y-groes	W. Hooper	4
John Findlay and others, 24, Grant Street, Glasgow.	<i>Gallt-y-llan</i>	Llanberis	Thomas White	—
Bettws Garmon Slate Quarry Co., Waenfawr, Carnarvon.	Garreg Fawr	Bettws Garmon	J. P. Williams	6
Glanrafon Slate Quarry Co., Quay, Carnarvon	Glanrafon	Rhyd-ddu	Edward H. Owen (acting partner).	157
Glynrhonwy Slate Co., Limited, Carnarvon	Glynrhonwy	Llanberis	G. C. Broadway	70
John Horne, Gwernor, Talysarn, Pen-y-groes, R.S.O.	Gwernor	Nantlle	—	9
Rev. T. Gower, J. E. Jones, and J. King, Trefriw Wilson & Co., Waenfawr, Carnarvon	Hafodlas	Trefriw	—	7
William Jones, Parkia, Carnarvon	Hafod-y-wern	Waen Fawr	—	40
North Wales Quarrymen's Union Company, Rhyd-ddu, Carnarvon.	Llwyd-coed	Llanllyfni	W. Jones	*
	Llyn-y-gadar (Started January 1885.)	Rhyd-ddu	Rowland Morris.	—
Moel Tryfan Slate and Slab Quarry Co., Limited, Carnarvon.	Moel Tryfan	Moel Tryfan	—	*
Nantlle Vale Slate Quarry Co., Carnarvon, Address, W. Aldred and others, Essex Chambers, Essex Street, King Street, Manchester.	Nantlle Vale (formerly Tymawr East).	Nantlle	Thomas Turner	*
New Vronheulog Slate Co., Limited, Llanllyfni, Pen-y-groes, R.S.O.	New Vronheulog	Do.	—	*
John Williams, 3, Cable Street, Liverpool	Pantdreunog	Bethesda	Thomas P. Owen	*
Penmachno Slate Co., Limited, 10, South John Street, Liverpool.	Penmachno	Penmachno	Alfred Carter	*
J. G. Cooper, 63, Church Street, Manchester	Penllyn	Dolwyddelen	W. Owen	*
Lord Penrhyn. Address: Arthur Wyatt, Port Penrhyn, Bangor.	Penrhyn	Bethesda	Arthur Wyatt	*
Pen-y-Bryn Slate Co., Limited, Carnarvon	Pen-y-Bryn	Nantlle	S. W. Davids	160
Penyrsedd Slate Quarry Co., Limited, Nantlle	Penyrsedd	Do.	—	270
Plas-y-nant Slate Quarry Co., Limited, Bettws Garmon, Carnarvon.	Plas-y-nant	Bettws Garmon	David J. Jones	30
Festiniog Slate Co., Limited, Portmadoc	Rhiwbach Old Quarry.	Penmachno	J. G. Tuxford	*
South Dorothea Slate Quarry Co., Quay, Carnarvon.	South Dorothea	Nantlle	Griffith Williams	*
John Robinson, Talysarn Slate Quarries, Nantlle Vale, Carnarvon.	Talysarn and West Tymawr.	Do.	John Robinson	*
Upper Glynrhonwy Slate Co. Address: T. Adams, 16, Cambridge Street, Birmingham.	Upper Glynrhonwy	Llanberis	T. Adams	110
Bangor and Carnarvon Welsh Slate Co., Bangor	Vale	Nantlle	Morgan Richards.	—
Victoria Slate Quarry Co., Limited, Thos. Ward, 81, Union Street, Oldham.	Victoria (formerly Gallt-y-fedw).	Do.	—	—
Vron and Old Braich Welsh Slate Quarries Co., Limited, Carnarvon.	Vron	Do.	—	*
* Numbers given confidentially				7,762
Total				8,973

LIST of OWNERS and OPENWORKS in Parts of NORTH and SOUTH WALES, and in the ISLE of MAN—*cont.*

Owner or Company, and Postal Address.	Name of Openwork.	Situation.	Agent.	Persons ordinarily employed during the Year 1884.
<b>DENBIGHSHIRE.</b>				
Llangollen Slab and Slate Co., Limited, Llangollen	Clogie and Foel Faen.	Llangollen - -	John Taylor and Sons.	*
Robert Williams, Minera Limestone Quarry, Wrexham.	Minera (calamine pits).	Minera - - -	- - -	*
Pantglas Slate and Slab Quarry Co., Limited, 17, Lincoln's Inn Fields, London, W.C.	Pantglas - -	Eglwyseg, Llangollen.	Price Evans -	*
* Numbers given confidentially - - -				192
Total - - -				192
<b>MERIONETHSHIRE.</b>				
Abercwmiddaw Slate Quarry Co., Limited, Corris, R.S.O.	Abercwmiddaw -	Corris - - -	- - -	*
Thomas Miller Whittaker, Eltham Road, London, S.E.	Craig ddu - -	Blaenau Festiniog	Richard Bowton -	85
John Jenkins, 4, Victoria Terrace, Aberystwith -	Cwmebol - -	Pennal, Machynlleth	- - -	11
Moelferna and Dee Side Slate and Slab Co., Limited, Glyndyfrdwy, Llangollen.	Dee Side - -	Glyndyfrdwy -	Richard Roberts -	*
G. A. Walker & Co., Ynysfaig, viâ Dolgelley -	Goleuwern - -	Barnmouth Junction	W. C. Logan -	*
D. and J. Bradwell, 6, New Street, Bishopsgate Street Without, London, E.	Hendre ddu - -	Aberangell - -	- - -	*
Llanderfel Slate and Slab Co., Llanderfel, Corwen	Llanderfel - -	Corwen - - -	- - -	4
George Holcroft, Llanderfel, Corwen - -	Queen's - -	Llanderfel - -	- - -	9
* Numbers given confidentially - - -				178
Total - - -				287
<b>MONTGOMERYSHIRE.</b>				
Owen and Mallory, Cemmacs, Machynlleth -	Gartheiniog -	Dinas Mawddwy -	- - -	*
J. Lloyd Jones and Son, Pantperthog, Machynlleth	Llwyngwern -	Corris - - -	- - -	*
J. Williams, Rhiwgwreiddyn Quarry, Ceinws, R.S.O.	Rhiwgwreiddyn -	Do. - - -	J. Williams -	*
* Numbers given confidentially - - -				44
Total - - -				44
<b>ISLE OF MAN.</b>				
G. Torrance & Co., Douglas, Isle of Man -	Ballasalla UMBER Works.	Ballasalla - -	G. Torrance -	11

(10.) Durham District.

MR. THOMAS BELL.

LIST of OWNERS, COAL MINES, and MANAGERS under the Coal Mines Regulation Act, in the DURHAM DISTRICT, 1884.

Owner or Company and Postal Address.	Name of Mine or Colliery.	Where situated.	Certificated Managers and Agents ( <i>italics</i> ).
Bearpark Brancepeth Coal Co., Ltd., Bearpark, Durham.	Bearpark Brancepeth	Durham - - -	B. Dodd and <i>Agent</i> .
Bell, Bros., Ltd., Middlesbro'-on-Tees.	Browney - - -	Ditto - - -	R. Harle -
	Page Bank - - -	Willington - -	W. Harle -
	Tursdale - - -	Ferry Hill - -	W. Ramsey -
Blackett and Dowson, Foul-Syke, Woodland, Cockfield, Darlington.	Foul Syke - - -	Woodland - - -	*Standing.
Bolckow, Vaughan, & Co., Ltd., Middlesbro'-on-Tees (E. W. Richards, Chief Agent).	Auckland Park, North	Bishop Auckland	T. Pearson
	Auckland Park, South	Ditto - - -	J. W. Robson
	Black Boy - - -	Ditto - - -	John Davies
	Binchester - - -	Ditto - - -	T. Stephenson

\* Marked thus are small collieries not requiring a certificated Manager.

LIST of OWNERS, COAL MINES, and MANAGERS under the Coal Mines Regulation Act, in the DURHAM DISTRICT, 1884—*cont.*

Owner or Company and Postal Address.	Name of Mine or Colliery.	Where situated.	Certificated Managers and Agents ( <i>italics</i> ).
Bolckow, Vaughan, & Co., Ltd., Middlesbrough-on-Tees (E. W. Richards, Chief Agent).	Byers Green	Spennymoor	T. Mitchell
	Hunwick	Willington	} Mark Hall
	Newfield	Ditto	
	Leasingthorne	Bishop Auckland	John Peel
	Shildon Lodge	Ditto	R. Colling
	West Auckland	Ditto	J. E. Newby
	Westerton	Ditto	G. E. Markham
	White Lee	Crook	} Standing
Woodfield	Ditto		
Broderick, J. L. & G., Hawes, Bedale (Yorks).	Sedbusk	Wensleydale	*J. L. Broderick.
Brogden, John, Barras, Brough, Westmoreland.	Barras (Standing)	Brough	*John Brogden.
Broomsides Coal Co., Durham - Burn, J. H., Newcastle-on-Tyne	Broomsides	Durham	R. F. Boyd and <i>Agent</i> .
	West Stanley	Chester-le-Street	T. Colquhoun. <i>Wm. Johnson.</i>
Butterknowle Coal Co., Cockfield, Darlington.	Butterknowle	Cockfield	} J. S. Robson and <i>Agent</i> .
	Marsfield Drift	Ditto	
	Quarry Pit	Ditto	
	Slacks Pit	Ditto	
Carlton Iron Co., Ltd., Carlton, Ferry Hill.	East Howle	Ferry Hill	H. Palmer. <i>Thos. Kirk.</i>
Castle Eden Coal Co., Ltd., West Hartlepool.	Castle Eden	Castle Eden	J. F. Lee. <i>Wm. Lishman.</i>
Chapman and Morson, Crook, Darlington.	Crook (Standing)	Crook	W. Whitfield. <i>Wm. Morson.</i>
Chaytor, Henry, Witton Castle, via Darlington.	Ushaw Moor	Durham	W. S. Oliver. <i>Wm. Hill.</i>
Chilton Coal Co., Ferry Hill	Chilton	Ferry Hill	Wm. Aynsley.
Consett Iron Co., Ltd., Blackhill, Co. Durham (W. Jenkins, Chief Agent).	Billingside (Standing)	Leadgate	} J. J. Hedley
	Blackhill	Medomsley, Newcastle	
	Delves	Leadgate	} J. H. Morris
	Iveston	Ditto	
	Eden	Ditto	} C. F. Scott
	Medomsley	Medomsley, Newcastle	
	Medomsley Edge	Ditto	} W. Logan and <i>Agent</i> .
	Derwent	Ditto	
	Westwood	Ditto	} *Jos. Coverdale.
	Langley Park	Witton Gilbert	
Poverty Hill	Castleton		
Coverdale, Jos., Danby Head, Castleton, Yarm (Yorks).	West Sraffton	Middleham	*James Craddock.
Craddock, James, West Sraffton, Middleham, Bedale (Yorks).	Elvet	Durham	T. Crawford, Jun.
Crawford, T., Littleton, Durham			
Dinsdale, Alexander, Brown Moor, Hawes, Bedale (Yorks).	Storth	Hawes	*Thos. Allen.
Dunsaney, Lord, and Partners, Pelton Colliery, Chester-le-Street.	Newfield	Chester-le-Street	J. Ritson. <i>W. Armstrong.</i>
	Pelton Fell	Ditto	} T. Crawford, Jun.
	Lady Durham	Sherburn, Durham	
Durham, Earl of, Lambton Offices, Fence Houses (H. T. Morton, Chief Agent).	Littleton	Ditto	} T. Crawford
	Sherburn Hill	Ditto	
	House	Ditto	} T. Baxter
	Bourn Moor, D Pit	Fence Houses	
	Lady Ann	Ditto (Standing)	} P. Tate
	Herrington	Ditto	
	Newbottle, Dorothea	Ditto	} J. Stokoe
	Margaret	Ditto	
	Houghton	Ditto	} T. Southern
	Harraton	Chester-le-Street	
Lumley, 2nd Pit	Fence Houses		
6th Pit	Ditto	Standing } <i>Thos. Robson.</i> R. Scorer	
Elliot and Hunter, Grey Street, Newcastle-on-Tyne.	Charlaw	Durham	} R. Oliver and <i>Agent</i> .
	Netlesworth	Ditto	
	Sacriston	Ditto	
	Witton	Ditto	
	Kimbleworth	Ditto	
Ferens and Love, Market Place, Durham.	Cornsay	Ditto	C. Davison. <i>W. O. Wood.</i>

\* Marked thus are small collieries not requiring a certificated Manager.

LIST of OWNERS, COAL MINES, and MANAGERS under the Coal Mines Regulation Act, in the DURHAM DISTRICT, 1884—*cont.*

Owner or Company and Postal Address.	Name of Mine or Colliery.	Where situated.	Certificated Managers and Agents ( <i>italics</i> ).
Framwellgate Coal Co., Ltd., Middlesbro-on-Tees.	Framwellgate	Durham	John Shiel. <i>V. W. Corbett.</i>
Fryer, Jos., Smelt House, Howden, via Darlington.	Beechburn	Crook	Standing.
Graham, John, Front Street, Witton Park, Darlington.	Etherley Grange	Bishop Auckland	John Graham.
Greenwell, J. M., Broomshields, via Darlington.	Gladdow	Cornsay	*J. M. Greenwell.
Halliday, R., Hill Top, Durham	Hill Top	Durham	R. Halliday.
Haswell, Shotton, and Easington Coal and Coke Co., Ltd., Newcastle-on-Tyne.	Haswell	Fence Houses	T. Dormand. <i>W. F. Hall.</i>
Hedley, Bros., Newcastle-on-Tyne	Craghead	Chester-le-Street	} J. Fairley and <i>Agent.</i>
	Holmside	Ditto	
Hedley and Bell, Newcastle-on-Tyne	Charley	Annfield Plain	} Jos. Gray.
	Louisa	Stanley	
Hedley, W. H., & Co., Norwood, by Darlington.	Morrison	Annfield Plain	} Standing.
	Gordon House	Cockfield	
Hedley, Ralph, Sateley, by Darlington.	Humber Hill	Broadwood	*R. Hedley.
Hedley Hope Coal Co., Middlesbro'-on-Tees.	East Hedley Hope	Tow Law	} J. G. Wild. <i>Wm. Hanson.</i>
	Hedley Hope	Ditto (Standing)	
Hetton Coal Co., Fence Houses	Elemore	Fence Houses	} Thos. Lishman. <i>Lindsay Wood.</i>
	Eppleton	Ditto	
Hope and Abbot, Morley Main Colliery, Cockfield, via Darlington.	Hetton	Ditto	} *Benson Abbot.
	Morley Main	Hamsterley	
Howden Coal and Fire-brick Co., Howden-le-Wear, via Darlington.	Howden	Howden	Thos. Liddle. <i>Geo. Hutchinson.</i>
Hutton Henry Coal Co., Ltd., Darlington.	Hutton Henry	Wingate	} R. Thompson and <i>Agent.</i>
	South Wingate (Standing).	Ditto	
Ivesley Coal Co., Waterhouses, Durham.	Ivesley	Ivesley	T. W. Kellett.
Johnson, Jos., Trustees of the late, Durham.	Hamsteels	Durham	H. Hornsby and <i>Agent.</i>
Knowles & Co., Swandale, Reeth, Richmond (Yorks).	Tan Hill	Swandale	Jas. Harker and <i>Agent.</i>
Lishman, J., & Co., Crook Hall, Durham.	Crook Hall	Durham	J. R. Gilchrist and <i>Agent.</i>
Londonderry, Marquess of, Seaham, Sunderland.	Adventure	Fence Houses	} R. Laverick } <i>V. W. Corbett.</i>
	Alexandrina	Ditto	
	Rainton (Standing)	Ditto	} C. R. Barrett } <i>F. S. Panton</i>
	Seaham	Sunderland	
	Silksworth	Ditto	} H. Gustard. <i>W. O. Wood.</i>
	Houghall	Durham	
Love, J. H., and Part., Market Place, Durham.	Shincliffe (Standing)	Ditto	} G. Love, Jr., and <i>Agent.</i>
Love and Son, Lanchester, Durham	Malton	Lanchester	
Lowson, Geo., Pit Close, Morley, near Bishop Auckland.	Pit Close	Morley	*Geo. Lowson.
Marr, Jas. & Wm., Wham, Cockfield, Darlington.	Cow Close	Cockfield	*Jas. Marr.
Marshall Green Coal Co., Witton-le-Wear, Darlington.	Marshall Green	Witton-le-Wear	J. O. Walton.
Mein, A., Morley Colliery, Evenwood, via Darlington.	Morley	Evenwood	A. Mein.
Middle Beechburn Coal and Coke Co., Crook, Darlington.	Middle Beechburn	Howden	John C. B. Hendy.
New Brancepeth Coal Co., St. John's Chambers, Newcastle-on-Tyne.	New Brancepeth	Durham	A. Pearson. <i>B. Cochrane.</i>
North Beechburn Coal Co., Howden-le-Wear, Darlington.	North Beechburn	Crook	} C. Widdas and <i>Agent.</i>
	Rough Lea	Willington	
	Storey Lodge	Evenwood	} Thos. Heslop.
	Boyne (Standing)	Durham	
North Brancepeth Coal Co., Ltd., Bondgate, Darlington.	Broom Park (Standing)	Ditto	} M. F. Holliday and <i>Agent.</i>
	Littleburn	Ditto	
North Hetton Coal Co., Fence Houses.	North Hetton	Fence Houses	} T. Wood. <i>Lindsay Wood.</i>
	Hazard	Ditto	
	Pittington	Ditto	

\* Marked thus are small collieries not requiring a certificated Manager.

LIST of OWNERS, COAL MINES, and MANAGERS under the Coal Mines Regulation Act, in the DURHAM DISTRICT, 1884—*cont.*

Owner or Company and Postal Address.	Name of Mine or Colliery.	Where situated.	Certificated Managers and Agents ( <i>italics</i> ).
North Stainmore Mining Co., Brough, Kirkby Stephen, Westmoreland.	Borrowdale - -	Brough - - -	G. W. Bailey.
Norwood Coal Co., Norwood Colliery, viâ Darlington.	Norwood - - - Thrushwood - - -	Evenwood - - - Ditto - - -	E. Charlton and <i>Agent</i> .
Original Hartlepool Collieries Co., Ferry Hill.	Ludworth - - - Thornley - - - Wheatley Hill - - -	Thornley, Ferry Hill - - - Ditto - - - Ditto - - -	Standing. <i>J. A. Ramsay</i> .
Osmondcroft Coal and Brick Co., Ltd., Winston, Darlington.	Osmondcroft - - -	Winston - - -	Jos. Teasdale and <i>Agent</i> .
Pease and Partners, Ltd. (Darlington) (David Dale, Managing Partner).	Adelaide - - -	Bishop Auckland - - -	J. Bigland and <i>Agent</i> .
	Saint Helens - - -	Ditto - - -	
	Tindale - - -	Ditto - - -	Standing
	Windlestone (Standing) - - -	Ferry Hill - - -	
	Arthur - - -	Crook - - -	R. L. G. Simpson
	Bowden Close - - -	Willington - - -	
	Job's Hill - - -	Crook - - -	
	North Roddymoor (standing).	Ditto - - -	J. G. Crofton
	Roddymoor - - -	Ditto - - -	
	Esh - - -	Durham - - -	
Waterhouses - - -	Ditto - - -		
Proud, Jos., and Partners, Witton-le-Wear, Darlington.	Stanley - - -	Crook - - -	A. S. Douglas
	Sunniside - - -	Ditto - - -	
Ritson, Utrick A., 18, Hawthorne Terrace, Newcastle-on-Tyne.	Blackley - - -	Ditto - - -	*Robert Elliott.
	Burnhope - - -	Lanchester - - -	J. T. Forster } <i>C. Berkeley</i> . H. Greener } Jos. Routledge. <i>W. F. Hall</i> .
	South Pontop - - -	Annfield Plain - - -	
Ryhope Coal Co., Ltd., Ryhope, Sunderland.	Ryhope - - -	Sunderland - - -	
Scott, Walter, Grainger Street West, Newcastle-on-Tyne.	East Hetton - - -	Coxhoe, Durham - - -	Wm. Hall - - -
Sharp, John Howden, Bishop Auckland.	Trimdon Grange - - -	Trimdon Grange - - -	Geo. Cook - - -
Shildon Coal Co., Shildon, Darlington.	Low Beechburn - - -	Crook - - -	J. C. B. Hendy.
South Durham Coal Co., Bishop Auckland, Darlington.	Shildon - - -	Shildon - - -	T. W. Kellett. <i>G. Pears</i> .
	Eldon (Standing) - - -	Bishop Auckland - - -	F. Darling.
South Hetton Coal Co., Ltd., South Hetton, Fence Houses.	South Durham - - -	Ditto - - -	
Spor, F. Rowntree, Bishop Auckland, Darlington.	Murton - - -	Sunderland - - -	Geo. Bailes } <i>Rd. Forster</i> .
	South Hetton - - -	Fence Houses - - -	Ed. Cowey }
Stobart, Hy., & Co., Witton-le-Wear, Darlington.	Rowntree - - -	Morley - - -	*Thos. Stephenson.
	Etherley, George - - -	Etherley - - -	W. Redshaw - - -
	" Jane - - -	Ditto - - -	Geo. Bradford - - -
	Lands - - -	Ditto - - -	Geo. Young - - -
	Railey Fell - - -	Cockfield - - -	
	Morley Green - - -	Evenwood - - -	J. Denham.
	Morley - - -	Morley - - -	
	Newton Cap - - -	Bishop Auckland - - -	D. Greaves - - -
	Brancepeth, A Pit - - -	Willington, Durham - - -	
	" C Pit - - -	Ditto - - -	J. J. Lishman - - -
Oakenshaw or B Pit - - -	Ditto - - -		
Strakers and Love, Newcastle-on-Tyne.	Brandon, A Pit - - -	Ditto - - -	R. Fishwick - - -
	" C Pit - - -	Ditto - - -	
Summerson, R., & Co., Cockfield, Darlington.	Willington, B Pit - - -	Ditto - - -	T. Dakers. <i>W. Summerson</i> .
	" C Pit - - -	Ditto - - -	
Tees Hetton Coal Co., Ltd., Middlesbro-on-Tees.	Millfield Grange - - -	Cockfield - - -	J. W. Heckels and <i>Agent</i> .
	Vane's Hartley - - -	Ditto - - -	
Thiedemann and Wallis, Newcastle-on-Tyne.	Evenwood (Standing) - - -	Evenwood - - -	W. Morris. <i>W. Gillies</i> .
Thrislington Coal Co., Ltd., Northgate, Darlington.	Tees Hetton - - -	Ditto - - -	
Thrislington Coal Co., Ltd., Northgate, Darlington.	Chester, South Moor - - -	Chester-le-Street - - -	T. Liddle.
	Waldrige - - -	Ditto - - -	
Trimdon Coal Co., Trimdon, Ferry Hill.	Thrislington - - -	Ferry Hill - - -	J. Fletcher. <i>T. Watson</i> .
	Deaf Hill - - -	Ferry Hill - - -	
Tyzack, S., & Co., Sunderland	Trimdon - - -	Ditto - - -	John Hodgson. <i>W. Branfoot</i> .
	Edmondsley - - -	Chester-le-Street - - -	

\* Marked thus are small collieries not requiring a certificated Manager.

LIST of OWNERS, COAL MINES, and MANAGERS, under the Coal Mines Regulation Act, in the DURHAM DISTRICT, 1884—*cont.*

Owner or Company and Postal Address.	Name of Mine or Colliery.	Where situated.	Certificated Managers and Agents ( <i>italics</i> ).
Weardale Iron and Coal Co., Ltd., Tudhoe, Spennymoor (F. B. Du Pre, Chief Agent).	Bishop's Close	Spennymoor	Standing
	Midridge	Shildon	J. W. Laverick
	Tudhoe	Durham	} W. Johnson
	Tudhoe Grange (Standing).	Ditto	
	Croxdale	Ditto	W. Dakers
	Black Prince	Tow Law	} H. White
	West Thornley	Ditto	
Hedley Hill	Ditto	J. J. C. Allison	
Walker, Stevens, & Co., Cockfield, Darlington.	North End	Cockfield	J. Dakers. <i>S. Walker.</i>
West Beechburn Coal Co., Tow Law, Darlington.	West Beechburn	Tow Law	W. Lishman.
Wilkinson, Chris., Greenhead, Har- perley, Darlington.	Wilkinson's Beech- burn.	Harperley	*C. Wilkinson.
Wingate Grange Coal Co., Ferry Hill	Wingate Grange	Ferry Hill	W. Armstrong, Jun., and <i>Agent.</i>
Witton Firebrick, &c. Co., Darling- ton.	Witton-le-Wear	Darlington	J. Widdas.
Woodland Collieries Co., Ltd., Darlington.	Crake Scarr	Cockfield	} T. Shipley } <i>T. Shipley.</i>
	Woodland	Ditto	
	New Copley	Ditto	

J. E. Crone.

LIST of OWNERS, IRONSTONE MINES, and MANAGERS, under the Coal Mines Regulation Act, in CLEVELAND, YORKSHIRE, 1884.

Owner or Company and Postal Address.	Name of Mine.	Where situated.	Certificated Managers and Agents ( <i>italics</i> ).
Bagnall & Co., Grosmont, York - Barningham, Wm., Executors of, Springfield, Darlington.	Grosmont	Grosmont	H. B. Dunn.
	Aysdalegate	Guisbro'	Standing.
Bell Bros., Ltd., Middlesbro'-on-Tees	Carlin How	Saltburn	A. Varty
	Lumpsey	Ditto	D. W. Dixon
	Skelton	Guisbro'	} T. Varty } <i>Stevenson.</i>
	Skelton Park	Ditto	
	Huntcliffe	Saltburn	W. Anderson
Bolckow, Vaughan, & Co., Ltd., Middlesbro'-on-Tees.	Chaloner	Guisbro'	J. Thompson and <i>Agent.</i>
	Easton	Middlesbro'	
	Longaeres	Saltburn	G. Robinson and <i>Agent.</i>
Cargo Fleet Iron Co., Ltd., Mid- dlesbro'-on-Tees.	North Skelton	Ditto	
	Liverton	Ditto	
	Normanby	Middlesbro'	W. Walker and <i>Agent.</i>
Clay Lane Iron Co., Ltd., Middles- bro'-on-Tees.	Ormesby	Ditto	
	South Skelton	Guisbro'	J. House. <i>E. Hamilton.</i>
Carlton Iron Co., Ltd., Carlton, Ferry Hill.	Aylesbury	Stokesley	R. Bell
	Rosedale, East	Pickering, York	F. J. H. Lascelles } <i>Kirby.</i>
Farnedale Iron Co., Kirby-moorside, Yorks.	Farnedale (Standing)	Kirby Moorside	W. Martin.
Gjers, Mills, & Co., Middlesboro'-on- Tees.	Spa	Guisbro'	F. Tate.
Kilton Ironstone Co., Saltburn-by-the- Sea.	Kilton (Standing)	Saltburn	E. Hamilton and <i>Agent.</i>
Morrison & Co., Saltburn-by-the- Sea.	Brotton	Ditto	B. Farrow. <i>J. Farrow.</i>
Palmer's Ship-building and Iron Co., Ltd., Newcastle-on-Tyne.	Grinkle	Port Mulgrave	
	Port Mulgrave (Stand- ing).	Ditto	J. Hodgson. <i>A.S. Palmer.</i>
Pease and Partners, Ltd., Darlington (David Dale, Managing Partner).	Cragg's Hall	Saltburn	
	Lofthouse	Ditto	} W. France and <i>Agent.</i>
	Whitecliffe (Standing)	Ditto	
	Lingdale	Ditto	C. Heslop and <i>Agent.</i>
Roseberry Ironstone Co., Redcar - Samuelson, B., & Co., Middlesbro' on-Tees.	Upleatham	Ditto	W. Moore and <i>Agent.</i>
	Roseberry	Great Ayton	Standing.
	Slapewath (Standing)	Guisbro'	W. Charlton and <i>Agent.</i>

\* Marked thus are small collieries not requiring a certificated Manager.

LIST of OWNERS, IRONSTONE MINES, and MANAGERS, under the Coal Mines Regulation Act, in CLEVELAND, YORKSHIRE, 1884—*cont.*

Owner or Company and Postal Address.	Name of Mine.	Where situated.	Certificated Managers and Agents ( <i>italics</i> ).
Skinningrove Iron Co., Ltd., Saltburn-by-the-Sea.	North Loftus -	Saltburn -	Standing.
Stanghow Ironstone Co., Saltburn-by-the-Sea.	Stanghow (Standing)	Ditto -	E. Hamilton and <i>Agent.</i>
Stevenson, Jaques, & Co., Middlesbro'-on-Tees.	Boosbeck -	Ditto -	} W. Walker and <i>Agent.</i>
Walker, Maynard, & Co., Middlesbro'-on-Tees.	Kirkleatham -	Redcar -	
Weardale Iron and Coal Co., Ltd., Tudhoe, Spennymoor.	Belmont and Spa Wood	Guisbro' -	W. Robinson. <i>Thomas Allison.</i>
West Rosedale Ironstone Co., Ltd., near Pickering, York.	Rosedale, West -	Pickering, York -	} Standing.
	Sheriff's Pit -	Ditto -	

LIST of MINES, OWNERS, and MANAGERS under the Metalliferous Mines Regulation Act, in DURHAM, WESTMORELAND, N. R. of YORKSHIRE, and Parts of CUMBERLAND and NORTHUMBERLAND, 1884.

Owner or Company and Postal Address.	Name of Mine.	Where situated.	Name of Manager or Agent.
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LEAD MINES.

DURHAM.

Burnhope Lead Mining Co., Derwent Hill, Shotley Bridge, Durham.	Burnhope -	Edmondbyers -	S. Leybourne.
Byers, J. S., & Co., Stockton-on-Tees.	Grass Hill -	Harwood-in-Teesdale	John Peart.
Collinson, George and Joseph, Middleton-in-Teesdale.	East and West Pike Law.	Newbiggin-in-Teesdale	Geo. Collinson.
Davison Bros., Front Street, Consett - Dubby Syke Mining Co., Ltd., 25, Westgate Road, Newcastle-on-Tyne.	Burnhill -	Wolsingham Park -	W. Davison.
	Dubby Syke (Standing)	Harwood Fell -	J. H. Robinson.
Green Hurth Mining Co., Ltd., 25, Westgate Road, Newcastle-on-Tyne.	Green Hurth -	Forest-in-Firth -	J. Polglase.
Harehope Gill Mining Co., Ltd., 9, Dean Street, Newcastle-on-Tyne.	Harehope Gill -	Edmondbyers -	Geo. Robson.
Harwood Mining Co., Ltd., 25, Westgate Road, Newcastle-on-Tyne.	Harwood (Standing) -	Harwood, Middleton -	J. H. Robinson.
Healey Field Mining Co., Ltd., Castleside, Blackhill, Durham.	Healey Field -	Castleside -	J. Trelease.
Hexham and Edmondbyers Mining Co., Ltd., 1, Newgate Street, Newcastle-on-Tyne.	Swandale -	Edmondbyers -	John Morpeth.
London Lead Co., Middleton-in-Teesdale (C. E. Bainbridge, Chief Agent).	Ashgill Head -	Teesdale.	—
	Bleagill -	Ditto.	—
	Coldberry -	Ditto -	Standing.
	Coldberry Skeers -	Ditto.	—
	East Rake -	Ditto.	—
	Flake Brigg or Shamberry.	Ditto.	—
	Flushamie -	Ditto -	Standing.
	Lodge Syke -	Ditto.	—
	Little Egglehope -	Ditto.	—
	Red Groves -	Ditto.	—
	Wiregill -	Ditto.	—
	Bollyhope Burn or Yew Tree.	Weardale.	—
Cornish Hush -	Ditto.	—	
Wager Burn -	Ditto.	Standing.	
Whitfield Brow -	Ditto.	—	
North Green Hurth Mining Co., Ltd., 25, Westgate Road, Newcastle-on-Tyne.	North Green Hurth -	Garrigill, Alston -	J. Polglase.

LIST of OWNERS, MINES, and MANAGERS, under the Metalliferous Mines Regulation Act, in DURHAM, WESTMORELAND, N. R. of YORKSHIRE, and Parts of CUMBERLAND and NORTHUMBERLAND, 1884—*cont.*

Owner or Company and Postal Address.	Name of Mine.	Where situated.	Name of Manager or Agent.
<i>DURHAM—cont.</i>			
Robinson, J. H., 232, Westgate Road, Newcastle-on-Tyne.	Langdon (Standing) - Martha (Standing) -	Langdon Beck Harwood Fell	J. H. Robinson.
Walton, J. P., & Co., Acomb, Hexham.	Willy Hole -	Ditto -	John Peart.
Weardale Lead Mining Co., Ltd., Old Broad Street, London.	Boltsburn -	Weardale -	J. Blenkiron.
	Brandon Walls -	Ditto -	
	Burtree Pasture -	Ditto -	
	Craigs Level -	Ditto -	
	Green Laws -	Ditto -	
	Groveheads -	Ditto -	
	Killhope -	Ditto -	
	Levelgate -	Ditto -	
	Rookhope -	Ditto -	
	Slitt -	Ditto -	
	Stanhope Burn	Ditto -	
Stotsfield Burn	Ditto -		
Thornoy Brow	Ditto -		
Wolsingham Lead Co., Frosterley, Darlington.	Sunnyside (Standing)	Wolsingham -	Wm. Cail.
<i>WESTMORELAND.</i>			
Dufton Fell Lead and Barytes Co., Kirby Thore, Westmoreland.	Dufton Fell Head -	Dufton -	Albany Bell.
Greenside Mining Co., Patterdale, Penrith.	Greenside -	Patterdale -	Thos. Taylor.
Hardshins Mining Co., Ltd., St. Nicholas' Chambers, Newcastle-on-Tyne.	Hardshins -	Garrigill, Alston -	Jos. Fleming.
Kearton, J., & Son, Castlethwaite, Mallestang, Westmoreland.	Belds Hill -	Mallestang -	Standing.
Nether Hearth Lead Mining Co., Ltd., Dufton, near Alston.	Nether Hearth -	Dufton -	Ditto.
North Westmoreland Lead Mining Co., 31, Westgate Road, Newcastle-on-Tyne.	North Westmoreland	Brough -	J. W. Hetherington.
Silverband Mining Co., Ltd., Warrington.	Silverband -	Ed. Milner.	—
Spark, H. K., Startford House, Barnard Castle.	Middle Fell -	Kirkby Stephen -	Standing.
<i>YORKSHIRE.</i>			
AD Lead Mining Co., Ltd., Fremington, Richmond, Yorks.	Sir Francis, AD. Sun Hush - Swinnergill -	Swaledale - Ditto - Ditto -	John Reynoldson.
Arkendale Mining Co., Arkengarthdale, Reeth, Richmond, Yorks.	Arkendale -	Arkendale -	Wm. Peacock.
Beldi Hill Mining Co., Strands, Richmond, Yorks.	Beldi Hill -	Swaledale -	Standing.
Charlesworth, J. C. D., Chapelthorp Hall, Wakefield.	Grinton Moor Summer Lodge Whiteaside -	Township of Grinton - Ditto - Ditto -	Ditto.
Close, Jas. Wm., 32, Park Row, Leeds.	Fell End -	Reeth -	J. W. Close.
Denys, Sir F., Bart., Fremington, Richmond, Yorks.	Surrender -	Healaugh -	Rd. Cherry.
Dymond, Thos., Burntwood Hall, Barnsley.	Keldheads -	Leyburn -	C. Rodwell.
Old Gang Mining Co., Reeth, Richmond, Yorkshire.	Old Gang -	Swaledale -	John Reynoldson.
Pease, F. H., Brinkburn, Darlington.	Sargill -	Hawes -	John Cain.
Scargill Lead Mining and Smelting Co., Ltd., Hudshaw House, Hexham.	Scargill	Barnard Castle	J. J. Millican.
Shield, H. and J. B., Holwick, Middleton-in-Teesdale.	West Silverband	Cronkley Fell	J. B. Shield.
Slack, John, & Co., North Road, Durham.	Limehead -	Mickleton -	J. Slack.
Yorkshire Lead Mines Co., Ltd., 33, New Broad Street, London, E.C.	Hurst -	Hurst, Richmond	John Retallick.

LIST of OWNERS, MINES, and MANAGERS under the Metalliferous Mines Regulation Act, in DURHAM, WESTMORELAND, N.R. of YORKSHIRE, and Parts of CUMBERLAND and NORTHUMBERLAND, 1884—*cont.*

Owner or Company and Postal Address.	Name of Mine.	Where situated.	Name of Manager or Agent.
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## IRON ORE MINES.

## DURHAM.

Grieve, Thomas, Middleton-in-Teesdale.	Snaisgill (Standing) -	Weardale -	Thos. Grieve.
Hope, Alex. Cleveland Cottage, Middleton-in-Teesdale.	Dirt Pit -	Ditto -	Alex. Hope.
Weardale Iron and Coal Co., Ltd., Tudhoe, Spennymoor.	Foul Wood -	Ditto -	T. Teasdale.
	Level Gate -	Ditto -	
	Middlethorpe -	Ditto -	
	Red Vein (Standing) -	Ditto -	
	Rowan Tree A. -	Ditto -	
	Side Head (Standing)	Ditto -	

## WHINSTONE MINES.

## DURHAM.

Coates, Wm., 37, Half Moon Lane, Spennymoor.	Tudhoe Whinstone -	Tudhoe -	Wm. Coates.
Wooler, Chapman, & Co., Howden-le-Wear, Darlington.	Hargill -	Howden-le-Wear -	Thos. Liddell.

## YORKSHIRE.

Bradley, M., Great Ayton, Northallerton.	Langbaurch -	Great Ayton -	Geo. Bradley.
Scholefield, Geo., Grosmont, York	Egton -	Grosmont -	Geo. Scholefield.
Waddington, G. W., 7, Royal Crescent, Whitby.	Grosmont -	Ditto -	Wm. Scholefield.
Winn, Wm., Great Ayton, Northallerton.	Cliffrigg and Slacks -	Great Ayton -	W. Winn.

## SLATE MINES.

## WESTMORELAND.

Bowness, John, Elterwater, Ambleside.	Banks -	Langdale -	J. Bowness.
Elterwater Green Slate Co., Ltd., Ambleside.	Bayls Brown Quarry -	Ditto -	Isaac Williams.
	Lords Quarry -	Ditto -	
	Thrang Crag -	Ditto -	
Robinson, John, Birch Hill, Elterwater, Ambleside.	Elterwater -	Ditto -	Standing.
Storey, John, Kentmere, Kendal	Fell Head -	Kentmere -	John Storey
Tyson, Wm., Elterwater, Ambleside	Cross Gaites -	Langdale -	Standing.
	Scott Copy -	Ditto -	

## FLAG STONE MINES.

## DURHAM.

Alderson, Caleb, West Garth, Copley, Cockfield, Darlington.	Oak Bank -	Lynesack and Softly -	C. Alderson.
Bates, John, 126, Newgate Street, Bishop Auckland.	Tunstal House -	Wolsingham Park -	J. Bates.
Burdess, George, Egglestone, Barnard Castle.	Hope House -	Middleton-in-Teesdale	G. Burdess.
Hurworth Bros., Barnard Castle	Shipley and Backston	Marwood -	Robt. Hurworth.
Simpson, Parker, Copley, Cockfield, Darlington.	Oak Bank -	Copley, Cockfield -	P. Simpson.
White, and Spencer, Marwood, Barnard Castle.	Marwood -	Barnard Castle -	Standing.

## LIST of OWNERS, MINES, and MANAGERS under the Metalliferous Mines Regulation Act, in DURHAM, WESTMORELAND, N.R. of YORKSHIRE, and Parts of CUMBERLAND and NORTHUMBERLAND, 1884—cont

Owner or Company and Postal Address.	Name of Mine.	Where situated.	Name of Manager or Agent.
YORKSHIRE.			
Alton, A., Staggs Fell, Shaw, Hawes, Bedale, Yorks.	Staggs Fell -	Shaw Hawes -	A. Alton.
James, John, and Son, West Witton, Beadle, Yorks.	Penhill Park -	West Witton -	J. James.
Metcalf, Richard, Burterset, near Hawes, R.S.O.	Burterset -	Hawes -	R. Metcalf.
Metcalf, Thomas, Seavey Quarry, Burterset, Hawes, R.S.O.	Seavey -	Ditto -	T. Metcalf.
Other, Christopher, Coverham Abbey, Bedale, Yorks.	Scrafton -	Scrafton -	C. Other.
Robinson, Anthony, & Co., West Witton, Bedale, Yorks.	Penhill -	West Witton -	A. Robinson.
Smith, John, Copperside, Hawes, Bedale, Yorks.	Gayle -	Hawes -	J. Smith.
Smith, Jos., Arkingarthdale, Richmond, Yorks.	Cragg End -	Arkindale -	J. Smith.

## LIST of OWNERS and OPENWORKS in DURHAM, WESTMORELAND, and N.R. of YORKSHIRE, 1884.

Owner or Company and Postal Address.	Name of Works.	Where situated.	Remarks.
Atkinson, Mrs. Mary, Yew Tree, Windermere.	Applethwaite Blue Slate Quarry.	Hutchinson's Allotment.	Slate.
Boazman, H., Acorn Bank, Penrith -	Acorn Bank Quarry -	Temple Sowerby -	Gypsum.
Bullen, M. W., Barnard Castle -	Providence Works -	Commondale, Castleton.	Fireclay and Ganister.
Commondale Brick, Pipe, and Pottery Co., Ltd., Commondale, viâ Yarm.	Bounder House -	Tow Law -	Ganister.
Ferens and Love, Durham -	Kirkstone Quarry -	Kirkstone -	Slate.
Hawkrigg and Jackson, Kirkstone Quarry, Ambleside.	Dirt Pit Open Works	Middleton-in-Teesdale	Iron Ore.
Hope, Alex., Cleveland Cottage, Middleton-in-Teesdale.	Sandy Carr Quarry -	Wolsingham -	Ganister.
Love, William, Wolsingham, Darlington.	Loughrigg Slate Quarry.	Elterwater -	Slate.
Newton, Thos., Elm View, Ambleside.	Augill -	Brough -	Lead.
North Westmoreland Lead Mining Co., Ltd., 31, Westgate Road, Newcastle-on-Tyne.	—	—	—
Ord and Maddison, Northgate, Darlington.	Applethwaite Slate Works.	Applethwaite Fell -	Slate.
Pattinson, George H., Elm Grove, Windermere.	Knitsley Barytes Quarry.	Wolsingham -	Barytes.
Pickard, A., Wolsingham, Darlington.	Kirby Thore Gypsum Quarry.	Kirby Thore -	Gypsum.
Robinson, Jos., & Co., Knott Hill, Carlisle.	Bounder House -	Tow Law -	Ganister.
Rutter, W., Bounder House, Tow Law, Darlington.	Harperley Firestone Quarry.	Harperley -	Firestone.
Snowdon, Thos., Helm Park, Tow Law, Darlington.	Kentmere Fell Head	Kentmere -	Slate.
Storey, J., Kentmere, Kendal -	Troutbeck Park, Green Slate Works.	Troutbeck Park -	Ditto.
Troutbeck Park, Green Slate Co., Ltd., Windermere.	Queensbury Quarry -	Stanhope -	Iron Ore.
Weardale Iron and Coal Co., Ltd., Tudhoe, Spennymoor.	Rowantree B. Quarry	Ditto -	Ditto.
	Slitt Pasture Quarry -	Ditto -	Ditto.
	Wear Head Quarry -	Ditto -	Ditto.
	West Pasture Quarry	Ditto -	Ditto.
	Weather Hill Firestone Quarry.	Ditto -	Firestone.
Witton Firebrick Co., Witton-le-Wear, viâ Darlington.	Wadley Quarry -	Witton-le-Wear -	Fluor Spar. Firestone and Ganister.

## (11.) Liverpool District.

MR. HENRY HALL.

LIST of OWNERS, COAL MINES, and MANAGERS under the Coal Mines Regulation Act, for the Year 1884.

Owner or Company, and Postal Address.	Name of Mine or Colliery.	Where situated.	Remarks.
WEST LANCASHIRE.			
Abram Coal Co., Bickershaw, Wigan	Abram	Bickershaw.	—
Ackers, Whitley, & Co., Leigh, Manchester	Ditto Arley	Ditto.	—
Alliance Colliery Co., Ltd., Wigan	Bickershaw	West Leigh.	—
Banks, Meyrick, Trustees of the late, Winstanley, Wigan.	Alliance	Wigan.	—
Barrow Hæmatite and Steel Co.	Winstanley	Ditto.	—
Bird, Thomas, & Co., Rainford, St. Helens	Dalton	Ditto.	—
Black Moss Colliery Co., Skelmersdale, Ormskirk.	Moss House	Rainford.	—
Blundell, Jonathan, and Sons, Pemberton, Wigan	Black Moss	Skelmersdale.	—
Bourne and Robinson, St. Helens	Pemberton	Wigan.	—
	Bye Pits	Ditto.	—
	Peasley Cross	St. Helens.	—
	Sherdley	Ditto.	—
	Bickerstaffe	Skelmersdale.	—
Bromilow, Forster, & Co., Ltd., Skelmersdale, Ormskirk	Moss	Ditto.	—
	Lathom	Ditto.	—
	Far Moss	Ditto.	—
	Ashton's Green	St. Helens.	—
Carrs Colliery Co., Ltd., Prescot	Carrs	Prescot.	—
Collins Green Colliery Co., Ltd., Newton-le-Willows	Collins Green	Newton-le-Willows	—
Crank Coal and Fire-clay Co., Ltd., Crank, St. Helens.	Bold	Ditto.	—
	Crank	St. Helens.	—
Crippin, Wm., and E. F. Ashton, Wigan	Brynn Hall	Ashton.	—
	Pemberton	Ditto.	—
	Ince Hall	Wigan.	—
Crompton and Shawcross, Wigan	Strangeways Hall	Ditto.	—
	Fir Tree House	Ditto.	—
	Amberswood	Ditto.	—
	Bamfurlong	Ditto.	—
	Mains	Ditto.	—
	Fogg's Fold	Ditto.	—
Cross, Tetley, & Co., Ltd., Ashton, Wigan	Crow Orchard, No. 2	Skelmersdale.	—
	Ditto No. 4	Ditto.	—
Crow Orchard Colliery Co., Ltd., Skelmersdale, Ormskirk	Eccleston	St. Helens.	—
Doulton & Co., Liverpool Pottery, St. Helens.			—
	New Boston	Haydock.	—
	Queen	Ditto.	—
	Leigh	Ditto.	—
	Old Boston	Ditto.	—
	Wood	Ditto.	—
	Lyme	Ditto.	—
Evans, Richard and C., Haydock, St. Helens	Havannah, No. 1	St. Helens.	—
	Ditto No. 2	Ditto.	—
	Downal Green	Ashton.	—
	Pewfall, Nos. 1 & 2	Ditto.	—
	Ditto Nos. 3 & 4	Ditto.	—
	Brynn	Ditto.	—
	Edge Green	Golborne.	—
	Golborne	Ditto.	—
Fisher, B. and R., Standish, Wigan	Bradley Hall	Standish.	—
Garswood Coal and Iron Co., Ltd., Ashton, Wigan	Park Lane	Ashton.	—
	Deep Pits	Ditto.	—
	Upper Park Lane	Ditto.	—
Garswood Hall Collieries Co., Ltd., Ashton, Wigan	Garswood Hall	Ditto.	—
	Brynn Moss	Wigan.	—
Gerrard, Lord, Ashton, Wigan	Old Garswood	Ashton.	—
Glover, Benj. B., & Co., St. Helens	Phoenix	St. Helens.	—
Gidlow, Thos., exors. of the late, Hindley, Wigan.	Gidlow	Wigan.	—
Greenbank Alkali Works Co., Ltd., St. Helens.	Greengate	St. Helens.	—
Hart, John, Hindley, Wigan	Grange	Wigan.	—
Higgin, Charles N., Whiston, Prescot	Halsmead	Whiston.	—
	Ince	Wigan.	—
Ince Coal and Cannel Co., Wigan	East Cannel	Ditto.	—
	Saw Mills	Ditto.	—
	Ince Hall	Ditto.	—
Ince Hall Coal and Cannel Co., Ltd., Wigan	Grange Park	Ditto.	—
Kay, James, Hindley Green, Wigan	Lawn's Delf	Upholland.	—
Laithwaite, John, Upholland, Wigan	Newtown	Wigan.	—
Lamb and Moore, Wigan	Meadows, No. 1	Ditto.	—
	Ditto No. 2	Ditto.	—

LIST of OWNERS, COAL MINES, and MANAGERS under the Coal Mines Regulation Act, for the Year 1884—cont.

Owner or Company, and Postal Address.	Name of Mine or Colliery.	Where situated.	Remarks.
WEST LANCASHIRE—cont.			
Latham, Earl of, Skelmersdale, Ormskirk	Blaguegate	Skelmersdale.	—
	Park	Ditto.	—
Leigh, Roger, Esq., M.P., Hindley, Wigan	Hindley Hall	Wigan.	—
Liptrot, C., Upholland, Wigan	Abbey Lakes	Upholland.	—
Marsh, William, Dalton, Wigan	Bellvue	Dalton.	—
Melling, Thomas, trustees of, late Ashton, Newton-le-Willows.	Birchenhead	Ashton.	—
Mill Lane Mining Co., Ltd., Rainford, St. Helens.	Mill Lane	Rainford.	—
Moss, Enoch, Broad Oak, Rossett, near Wrexham.	Elms and Holme House.	Wigan.	—
Moss Hall Coal Co., Ince, Wigan	Moss Hall	Ditto.	—
	Low Hall	Ditto.	—
	Brookside	Ditto.	—
Norris and Lees, Hindley Green, Wigan	Hindley Field	Ditto.	—
Norley Coal and Cannel Co., Wigan	Norley	Ditto.	—
Orrell Coal and Cannel Co., Ltd., Wigan	Orrell	Ditto.	—
Orrell Fireclay Works, Orrell, Wigan	Orrell Hall	Ditto.	—
Parry, R., & Co., Aspull, Wigan	Kirkless	Ditto.	—
	Hindley Hall	Ditto.	—
Pearson and Knowles Coal and Iron Co., Ltd., Wigan	Ince Hall	Ditto.	—
	Ince Moss Deep	Ditto.	—
	Ditto Pemberton	Ditto.	—
	Sutton Heath	St. Helens.	—
Radley, James, St. Helens	Thatto Heath	Ditto.	—
	Nutgrove	Ditto.	—
	Lea Green	Lea Green.	—
Rainford Coal Co., Ltd., Rainford, St. Helens.	Rainford	Rainford.	—
Rose Bridge and Douglas Bank Collieries Co., Ltd., Wigan	Rose Bridge	Wigan.	—
	Douglas Bank	Ditto.	—
Rylands, Sons, & Co., Ltd., Wigan	Gidlow and Twinley	Ditto.	—
	Hindley Green	Ditto.	—
Scowcroft, John, & Co., Hindley Green, Wigan	Grammar	Ditto.	—
	Engine	Ditto.	—
	Stonehouse	Ditto.	—
Smith, Edward, Exors. of the late, Skelmersdale, Ormskirk.	Chapel House	Skelmersdale.	—
Stone, Thomas, and Son, Ashton, Wigan	Downal Green	Ashton.	—
	Alexandra	St. Helens.	—
St. Helens Collieries Co., Ltd., St. Helens	Deep Pits	Ditto.	—
	Ravenhead	Ditto.	—
Swan Lane Brick and Coal Co., Hindley Green, Wigan	Swan Lane	Wigan.	—
	Long Lane	Ditto.	—
Tawd Vale Coal Co., Ltd., Skelmersdale, Ormskirk	Tawd Vale	Skelmersdale.	—
	Park	Ditto.	—
Taylor, Samuel, Eccleston Hall, Prescott	Gillers Green	St. Helens.	—
Victoria Coal and Fire-clay Co. Sutton, St. Helens.	Royal	Ditto.	—
Victoria Colliery Co., Ltd., Rainford, St. Helens.	Victoria	Rainford.	—
Walmesley, William, Laurel Villa, Pemberton, Wigan.	Hough Wood	Billinge.	—
	Aspull Pumping	Aspull.	—
	Crawford, No. 1	Ditto.	—
	Ditto No. 2	Ditto.	—
	Bradshaw	Ditto.	—
	California	Ditto.	—
	Kirkless	Ditto.	—
	Moor	Ditto.	—
	Woodshaw	Ditto.	—
	Morris Lane	Haigh.	—
	Tucker's Hill	Ditto.	—
	Godfrey	Ditto.	—
	Gullet	Ditto.	—
	Deep	Hindley.	—
Wigan Coal and Iron Co., Ltd., Wigan	Ladies Lane	Ditto.	—
	Pennygate	Ditto.	—
	Bawkhouse	Haigh.	—
	Bridge	Ditto.	—
	Gorses	Ditto.	—
	Lindsay	Ditto.	—
	Meadow	Ditto.	—
	Alexandra	Ditto.	—
	Wash	Ditto.	—
	William	Ditto.	—
	Holland	Upholland.	—
	Prospect	Standish.	—
	Swire	Ditto.	—

LIST of OWNERS, COAL MINES, and MANAGERS under the Coal Mines Regulation Act, for the Year 1884—*cont.*

Owner or Company, and Postal Address,	Name of Mine or Colliery.	Where situated.	Remarks.
<b>WEST LANCASHIRE—<i>cont.</i></b>			
Wigan Coal and Iron Co., Ltd., Wigan	Gidlow	Standish.	—
	Broomfield	Ditto.	—
	Langtree	Ditto.	—
	Tunnel	Ditto.	—
	Taylor	Ditto.	—
	John	Ditto.	—
	Giants Hall	Ditto.	—
	Robin Hill	Ditto.	—
	Shevington	Ditto.	—
Wigan and Whiston Coal Co., Ltd., Prescot	Platt Lane	Wigan.	—
	Whiston	Prescot.	—
	Prescot	Ditto.	—
Wigan Junction Colliery Co., Abram, Wigan.	Wigan Junction	Abram.	—
White Moss Coal Co., Ltd., Skelmersdale, Ormskirk	Whitemoss, Arley	Skelmersdale.	—
	Ditto No. 4	Ditto.	—
Worsley Mesnes Colliery Co., Wigan	Worsley Mesnes	Wigan.	—
Worthington Hall Coal and Cannel Co., Worthington, Wigan.	Worthington Hall	Ditto.	—
<b>DENBIGHSHIRE.</b>			
Bersham Colliery Co., Ltd., Wrexham	Bersham	Wrexham.	—
Black Park Colliery Co., Ltd., Chirk	Black Park	Chirk.	—
Bowers, H. R., Acrefair, Ruabon	Penbedw	Ruabon.	—
Broughton and Plas Power Coal Co., Ltd., Wrexham	Plas Power	Wrexham.	—
	Gatewen	Ditto.	—
Brymbo Co., Wrexham	Brymbo	Ditto.	—
	Penrhos	Ditto.	—
	Smelt	Ditto.	—
Brynkinalt Collieries, Ltd., Chirk	Brynkinalt	Chirk.	—
Clayton, Thomas, Brynmally, Wrexham	Brynmally	Wrexham.	—
	Pendwll	Ditto.	—
	Broughton	Ditto.	—
Dennis, Henry, Ruabon	Legacy	Ruabon.	—
Edwards, J. O., Trevor, Ruabon	Treffynant	Ditto.	—
	Cope	Ditto.	—
Evans, Robt., & Co., Rhos, Ruabon	Llwynenion	Ditto.	—
Francis, Thos. Ed., & Co., Pen-y-cae, Ruabon.	Christionydd	Ditto.	—
Griffiths, Edward, Ponkey, Ruabon	Grango	Ditto.	—
Hyde, Barton, and Butler, Ffrwd, Wrexham.	Caepenty	Wrexham.	—
Jarvis, John, & Co., Rhos, Ruabon	Afoneitha	Ruabon.	—
	Wern	Ditto.	—
Llay Hall Coal and Clayworks Co., Ltd., Wrexham.	Llay Hall	Wrexham.	—
Lloyd, Richard, Garth, Ruabon	Garth	Ruabon.	—
Marland and Davies, Brymbo, Wrexham	Pen-y-coed	Wrexham.	—
New British Iron Co., Ruabon	Wynnstay	Ruabon.	—
	Acrefair	Ditto.	—
New Grosvenor Colliery Co., Ltd., Coedpoeth, Wrexham.	Grosvenor	Wrexham.	—
Owen & Evans, Aberderfyn, Ruabon	Pentrebychan	Ruabon.	—
Pant Coal Brick and Fire-clay Co., Ltd., Rhos, Ruabon.	Erwlwydd	Ditto.	—
Plas Kynaston Coal Co., Ruabon	Plas Kynaston	Ditto.	—
	Cheshire	Ditto.	—
Roberts, Richard, & Co., Acrefair, Ruabon	Hafod-y-Bwch, No. 1	Ditto.	—
	Ditto No. 2	Ditto.	—
Ruabon Coal and Coke Co., Ltd., Ruabon	Ffrwd	Wrexham.	—
Sparrow, James, & Son, Ffrwd, Wrexham	Vauxhall	Ruabon.	—
	Vron	Wrexham.	—
Vron Colliery Co., Wrexham	Coedpoeth	Ditto.	—
	Westminster, Nos. 3 and 4.	Ditto.	—
Westminster Brymbo Coal and Coke Co., Ltd., Wrexham	Westminster, No. 5	Ditto.	—
	Gwersyllt	Ditto.	—
Wrexham and Acton Colliery Co., Ltd., Wrexham	Wrexham, No. 1	Ditto.	—
	Ditto No. 2	Ditto.	—
Wyndham, Henry, Acrefair, Ruabon	Delf	Ruabon.	—

LIST of OWNERS, COAL MINES, and MANAGERS, under the Coal Mines Regulation Act, for the Year 1884--cont.

Owner or Company, and Postal Address.	Name of Mine or Colliery.	Where situated.	Remarks.
<b>FLINTSHIRE.</b>			
Alyn Bank Colliery Co., Ltd., Padeswood, Mold.	Alyn Bank -	Mold.	---
Bailey Hill Colliery Co., Ltd., Mold	Bailey Hill -	Ditto.	---
Bettisfield Colliery Co., Ltd., Bagillt, Flint	Bettisfield -	Bagillt.	---
Coed Talon Colliery Co., Ltd., Coed Talon, Mold	Coed Talon -	Mold.	---
	No. 3 Pit -	Ditto.	---
	Cae Blyddyn -	Ditto.	---
Coleshill Colliery Co., Ltd., Flint	Coleshill -	Flint.	---
Dublin Main Coal Co., Northop, Flint	Dublin Main	Ditto.	---
Englefield Colliery Co., Holywell	Englefield -	Holywell.	---
Flint Coal and Cannel Co., Ltd., Flint	Flint -	Flint.	---
Flintshire Oil and Cannel Co., Ltd., Tryddyn, Mold.	Tryddyn -	Mold.	---
Gladstone, W. H., M.P., Hawarden, Chester	Aston Hall -	Hawarden.	---
	Queen's Ferry -	Ditto.	---
	Pentrobin -	Mold.	---
Hancock, Wm., Exors. of the late, Buckley, Chester.	Lexham Green	Buckley.	---
Hanmer Colliery Co., Mostyn, near Holywell.	Hanmer -	Mostyn.	---
Hawarden Collieries Co., Buckley, Chester	Hawarden -	Buckley.	---
Leeswood Blast Furnace, Coal, Iron, and Brick Co., Ltd., Leeswood, Mold.	Leeswood Blast Furnace.	Mold.	---
Llong Cannel Works, Ltd., Mold	Llong -	Ditto.	---
Mostyn Coal and Iron Co., Ltd., Mostyn	Mostyn -	Mostyn.	---
	Eyton -	Ditto.	---
Nerquis Coal and Cannel Co., Mold	Nerquis -	Mold.	---
North and South Buckley Coal, Brick, and Tile Co., Buckley, Chester.	South Buckley	Buckley.	---
North Leeswood Cannel Co., Coed Talon, Mold.	North Leeswood	Mold.	---
Oak Pits Colliery Co., Ltd., Mold	Oak Pits -	Ditto.	---
Padeswood United Coal and Cannel Co., Ltd., Mold.	Padeswood -	Ditto.	---
Plas-yn-mhowys Colliery Co., Leeswood, Mold.	Plas-yn-mhowys	Mold.	---
Roberts, Robert, and Co., Leeswood, Mold	Leeswood Hall	Mold.	---
Sandycroft Colliery Co., Buckley, Chester	Sandycroft -	Buckley.	---
St. Helens Coal and Clay Co., Ltd., Mold	Argoed -	Mold.	---
	Alltami -	Ditto.	---
Talacre Coal Co., Mostyn	Talacre -	Mostyn.	---
Wasley, William, Vron Heulog, Mold	South Coed Talon	Mold.	---
Watkinson, George, and Sons, Ltd., Buckley, Chester	Elm -	Buckley.	---
	Maes-y-greg -	Ditto.	---
Wern Colliery Co., Bagillt, Flint	Wern -	Bagillt.	---
West Mostyn Colliery Co., Ltd., Mostyn	West Mostyn	Mostyn.	---
Wright, Joseph, Mancot, Chester	Mancot -	Hawarden.	---

## LIST of OWNERS and OPENWORKS.

Owner or Company, and Postal Address.	Mineral Worked.	Name of Works.	Where situated.
<b>LANCASHIRE.</b>			
Doulton, & Co., St. Helens - Mill Lane Mining Co., Rain- ford, St. Helens.	Fire-clay - Ditto -	Doulton, Clay Pits - Mill Lane -	St. Helens. Rainford.
<b>DENBIGHSHIRE.</b>			
Aberderfyn, Brick Co., Ruabon Edwards, J. C. Trevor, Ruabon Bowers, H. R., Acrefair, Ruabon.	Fire-clay - Ditto - Ditto -	Aberderfyn - Trefnant Opencast - Pembedw -	Ruabon. Ditto. Ditto.
<b>FLINTSHIRE.</b>			
Ashton, R., & Co., Buckley- Chester.	Fire-clay	Knowl Lane and Etna Works.	Buckley.
Buckley Brick and Tile Co., Buckley, Chester.	Ditto	Buckley Brick Works	Ditto.
Castle Fire-brick Co., Northop Catherall & Co., Buckley, Chester.	Ditto - Ditto -	Castle Fire-brick Works - Ewloe and Catherall Works -	Northop. Buckley.
Davison & Co., Buckley, Chester.	Ditto	Old Ewloe Barn	Ditto.
Globe Fire-clay Co., Buckley, Chester.	Ditto	Globe	Ditto.
Hancock, W., & Co., Buckley, Chester.	Ditto	Buckley	Ditto.
Parry, Ed., and Sons, Buckley, Chester.	Ditto	- - -	Ditto.
Sandycroft Coal and Brick Co., Buckley, Chester.	Ditto	Sandycroft	Ditto.

## (12.) South-Western District.

MR. THOMAS CADMAN.

LIST of COAL MINES, OWNERS, and MANAGERS under the Coal Mines Regulation Act, in  
MONMOUTHSHIRE, 1884.

Name of Mine.	Situation of Mine.		Name of Owner.	Name of Manager.
	Post Town.	County.		
Aberbeeg -	Aberbeeg -	Monmouthshire	H. Powell -	J. Edmunds.
Abercarn -	Abercarn -	Ditto	Abercarn Coal Co. -	W. Jones.
Abersychan: Cwmsychan -	Abersychan -	Ditto	Aberschan Elled Steam and House Coal Co.	L. Llewellyn.
Cwmnantddu -	Ditto -	Ditto	Ebbw Vale Steel, Iron, and Coal Co.	J. Evans.
Glynnantddu -	Ditto -	Ditto	James and Emanuel	R. Emanuel.
Aral -	Aberbeeg -	Ditto	T. Latch & Co.	M. McCarthy.
Argoed -	Blackwood -	Ditto	Morgan and Jones	T. Morgan.
Blaenavon: Big Pit -	Blaenavon -	Ditto	Blaenavon Iron and Steel Co.	P. Williams.
Cinder Pit -	Ditto -	Ditto	Ditto -	Ditto.
Clay Level -	Ditto -	Ditto	Ditto -	Ditto.
Dodds Slope -	Ditto -	Ditto	Ditto -	Ditto.
Forge Slope -	Ditto -	Ditto	Ditto -	Ditto.
Garu Level -	Ditto -	Ditto	Ditto -	Ditto.
Garu Pit -	Ditto -	Ditto	Ditto -	Ditto.
Hill Pit -	Ditto -	Ditto	Ditto -	Ditto.
Kay Slope -	Ditto -	Ditto	Ditto -	Ditto.
Mountain Level -	Ditto -	Ditto	Ditto -	Ditto.
Blaendare: Clay Level -	Pontypool -	Ditto	Blaendare Coal Co. -	T. H. Deakin.
Glyn Level -	Ditto -	Ditto	Ditto -	Ditto.
Cwmfrwdoer -	Ditto -	Ditto	Ditto -	Ditto.
Bryngwyn -	Bedwas -	Ditto	Exors. of W. G. Cartwright	Ll. Watkins.
Bush -	Crumlin -	Ditto	Bush Coal Co.	J. Edwards.
Buttryhatch -	Fleur-de-lis -	Ditto	H. Roberts -	H. Roberts.
Caerllwyn -	Pontllanfraith -	Ditto	T. Way -	T. Way.
Celyn -	Abercarn -	Ditto	Newport Abercarn Black Vein Steam Coal Co.	J. T. Green.
Cinder Level -	Nantyglo -	Ditto	P. S. Phillips	J. Frame.

LIST OF COAL MINES, OWNERS, and MANAGERS under the Coal Mines Regulation Act, in MONMOUTHSHIRE, 1884—cont.

Name of Mine.	Situation of Mine.		Name of Owner.	Name of Manager.
	Post Town.	County.		
Cinder Pit	Ebbw Vale	Monmouthshire	C. Davies	C. Probert.
Coalbrook Vale:				
Coke Yard Pit	Nantyglo	Ditto	Coalbrook Vale Colliery Co.	D. Lewis.
Deep Pit	Ditto	Ditto	Ditto	Ditto.
Fosmaen	Ditto	Ditto	Ditto	Ditto.
Trawstre	Ditto	Ditto	Ditto	Ditto.
Coedcae Tillery	Abertillery	Ditto	P. S. Phillips	T. P. Stewart.
Cwm	Aberbeeg	Ditto	Cwm Colliery Co.	J. Stanfield.
Cwmbran	Cwmbran	Ditto	Patent Nut and Bolt Co.	J. Jacob.
Cwmbran Brick-works	Ditto	Ditto	H. Parfitt	C. Davies.
Cwmnantygroes	Abertillery	Ditto	Clapp & Co.	E. R. Lewis.
Cwmnantygwint	Aberbeeg	Ditto	Penyvan Coal Co.	T. Williams.
Darran	Risca	Ditto	Nicholas and Johnson	A. Johnson.
Darran	Ditto	Ditto	J. Jones	J. Jones.
Derllwyn	White Rose	Ditto	Smith and Tillot	J. P. Jones.
Diamond Llantwit	Bedwas	Ditto	T. Thomas & Co.	T. Thomas.
Drissiog	Ebbw Vale	Ditto	Lewis Brothers	R. Lewis.
Ebbw Vale:				
Farm Level	Ditto	Ditto	Ebbw Vale Steel and Iron Co.	J. Powell.
Fireclay Level	Ditto	Ditto	Ditto	B. Owen.
No. 6 Pit	Ditto	Ditto	Ditto	Ditto.
No. 8 Pit	Ditto	Ditto	Ditto	Ditto.
No. 15 Pit	Ditto	Ditto	Ditto	Ditto.
No. 19 Pit	Ditto	Ditto	Ditto	J. Powell.
No. 22 Pit	Ditto	Ditto	Ditto	B. Owen.
Elliot Pit	White Rose	Ditto	Powell, Duffryn, & Co.	D. Evans.
Factory Level	Pontllanfraith	Ditto	M. Richards	M. Richards.
Gelly	Maescwmmmer	Ditto	Lewis Brothers	J. Lewis.
Gelly deg Issaf	Ditto	Ditto	T. Rees	T. Rees.
Gelly deg Ucha	Ditto	Ditto	D. Richards	D. Richards.
Gelly dwilt	Blackwood	Ditto	D. Lewis	D. Lewis.
Gelly groes	Pontllanfraith	Ditto	Gellygroes Colliery Co.	Harris.
Gelly haf	Fleur-de-lis	Ditto	H. F. Jones	H. F. Jones.
Gelly haf	Ditto	Ditto	Harris & Co.	D. Harris.
Gelly haf Issaf	Ditto	Ditto	W. Moor & Co.	W. Needham.
Golynos Pit	Abersychan	Ditto	Exors. of W. M. Richards	G. H. Daniel.
Golynos Slope	Ditto	Ditto	Ditto	Ditto.
Graigddu	Pontypool	Ditto	E. J. Parks	D. Davies.
Greenmeadow	Abertillery	Ditto	T. Robbins	T. Robbins.
Gwailodywain	Pengam	Ditto	Beaven and Pryce	T. Ellis.
Gwaina Borga	Blackwood	Ditto	Rock Coal Co.	—
Gwerna	Maescwmmmer	Ditto	W. Freeman & Co.	J. Lewis.
Gwrhay	Blackwood	Ditto	Jones, Lewis, & Co.	E. S. Jones.
Henllis	Cwmbran	Ditto	J. C. Hill & Co.	—
Hollybush	Blackwood	Ditto	E. D. Williams	E. D. Williams.
Hope	White Rose	Ditto	Powell, Duffryn, & Co.	D. Evans.
Kendon	Crumlin	Ditto	T. Morgan	T. Morgan.
Libamis	Blackwood	Ditto	Beavan & Pryce	T. Ellis.
Llanarch	Aberbeeg	Ditto	J. Partick	J. Partick.
Llandavel	Ditto	Ditto	Monmouth Coal and Coke Co.	J. Stanfield.
Llanhilleth	Ditto	Ditto	H. Powell	J. Jeremiah.
Llyn	Nantyglo	Ditto	Llyn Nantyglo Colliery Co.	W. Wigley.
Maescwmmmer Junction	Maescwmmmer	Ditto	Mathews and Evans	G. Hayes.
Mamole	Blackwood	Ditto	C. Pond	C. Pond.
Milfraen	Brynmawr	Ditto	B. Jayne & Co.	J. Frame.
Nantyglo and Blaina:				
Cinder Pit	Blaina	Ditto	J. Lancaster & Co.	J. Williams.
Griffin	Ditto	Ditto	Ditto	Ditto.
Henwain	Ditto	Ditto	Ditto	Ditto.
Lower Deep	Ditto	Ditto	Ditto	Ditto.
South Griffin	Ditto	Ditto	Ditto	Ditto.
New Tredegar	Cardiff	Ditto	Powell, Duffryn, & Co.	D. Evans.
Panty Forest Level	Ebbw Vale	Ditto	Powell & Co.	G. H. Daniel.
Panty Forest Pit	Ditto	Ditto	Ditto	Ditto.
Pontygaith	Blackwood	Ditto	E. Richards	R. Richards.
Pontypool Works:				
Glyn Level	Pontypool	Ditto	Ebbw Vale Steel Iron and Coal Co.	J. Jones.
Glyn Pit	Ditto	Ditto	Ditto	Ditto.
Mountain Level	Ditto	Ditto	Ditto	Ditto.
Quarry Pit	Abercarn	Ditto	Abercarn Coal Co.	W. Jones.
Rhoswen	Blackwood	Ditto	Bevan and Pryce	T. Ellis.
Rhymney:				
Clay Level	Rhymney	Ditto	Rhymney Iron Co.	R. Abraham.
Gwainvawr	Ditto	Ditto	Ditto	Ditto.
Lower Level	Ditto	Ditto	Ditto	Ditto.
Mardy	Ditto	Ditto	Ditto	Ditto.

LIST of COAL MINES, OWNERS, and MANAGERS under the Coal Mines Regulation Act, in  
MONMOUTHSHIRE, 1884—*cont.*

Name of Mine.	Situation of Mine.		Name of Owner.	Name of Manager.
	Post Town.	County.		
Rhymney Level -	Rhymney -	Monmouthshire	Rhymney Iron Co. -	R. Abraham.
Risca Black Vein -	Risca -	Ditto	London and South Wales Coal Co.	G. W. Wilkinson.
Risca Big Vein -	Ditto -	Ditto	Ditto -	Ditto.
Risca Clay Level -	Ditto -	Ditto	J. Jones -	J. Jones.
Rock, Forest Level -	Blackwood -	Ditto	J. Marsh -	J. Marsh.
Rock, Pengam Level -	Ditto -	Ditto	J. Coleman -	J. Coleman.
Sirhowy :				
Building Stone Level -	Sirhowy -	Ditto	Ebbw Vale Steel, Iron and Coal Co.	E. Parry.
Fireclay Level -	Ditto -	Ditto	Ditto -	Ditto.
Ganister Level -	Ditto -	Ditto	Ditto -	Ditto.
No. 4 Pit -	Ditto -	Ditto	Ditto -	Ditto.
No. 7 Pit -	Ditto -	Ditto	Ditto -	Ditto.
No. 9 Pit -	Ditto -	Ditto	Ditto -	Ditto.
South Wales :				
No. 1 Pit -	Abertillery -	Ditto	South Wales Coal Co.	J. Wallace.
No. 2 Pit -	Ditto -	Ditto	Ditto -	Ditto.
Rose Heyworth	Ditto -	Ditto	Ditto -	Ditto.
Tillery Level -	Ditto -	Ditto	Ditto -	Ditto.
Soveridd -	Crumlin -	Ditto	E. Jones -	E. Jones.
Sun Pit -	Blaina -	Ditto	J. & W. Stone -	W. Griffiths.
Tillery Level -	Abertillery -	Ditto	Tillery Coal Co.,	J. P. Jones.
Tillery Pit -	Ditto -	Ditto	Ditto -	Ditto.
Tir Pentwys -	Pontypool -	Ditto	Tir Pentwys Colliery Co.	B. Nicholas.
Tirphillkins Drift	Pontillanfraith	Ditto	W. and E. Beddoe -	E. Beddoe.
Tranch -	Pontypool -	Ditto	Rees and James -	G. H. Daniel.
Tredegarr :				
Bedwellty Level	Tredegarr -	Ditto	Tredegarr Iron Co. -	T. H. M. Stratton.
Bedwellty Pit	Ditto -	Ditto	Ditto -	Ditto.
Darran -	Ditto -	Ditto	Ditto -	Ditto.
No. 6 Pit -	Ditto -	Ditto	Ditto -	Ditto.
No. 7 Pit -	Ditto -	Ditto	Ditto -	Ditto.
No. 8 Pit -	Ditto -	Ditto	Ditto -	Ditto.
Pochin -	Ditto -	Ditto	Ditto -	Ditto.
Ty Trist, No. 1	Ditto -	Ditto	Ditto -	Ditto.
Ty Trist, No. 2	Ditto -	Ditto	Ditto -	Ditto.
Whitworth, No. 1	Ditto -	Ditto	Ditto -	Ditto.
Whitworth, No. 2	Ditto -	Ditto	Ditto -	Ditto.
Whitworth Drift	Ditto -	Ditto	Ditto -	Ditto.
Trelyn -	Maesycwmmmer	Ditto	H. Roberts -	H. Roberts.
Ty Llwyd -	Pontillanfraith	Ditto	Ty Llwyd Colliery Co.	W. D. Bedlington.
Ty Mawr -	Crumlin -	Ditto	D. Lawrence -	D. Lawrence.
Varteg Hill :				
Big Vein Pit -	Pontypool -	Ditto	J. Vipond & Co.	J. Nixon.
Elled Pit -	Ditto -	Ditto	Ditto -	Ditto.
Mine Slope -	Ditto -	Ditto	Ditto -	Ditto.
New Slope -	Ditto -	Ditto	Ditto -	Ditto.
No. 2 Mine Pit	Ditto -	Ditto	Ditto -	Ditto.
Rock Pit -	Ditto -	Ditto	Ditto -	Ditto.
Tillery Level -	Ditto -	Ditto	Ditto -	Ditto.
Varteg Works :				
Black Pin Level	Ditto -	Ditto	Partridge, Jones, & Co.	W. Davies.
Black Vein Level	Ditto -	Ditto	Ditto -	Ditto.
Black Vein Slope	Ditto -	Ditto	Ditto -	Ditto.
Coal Pit -	Ditto -	Ditto	Ditto -	Ditto.
Cwmsychan -	Ditto -	Ditto	Ditto -	J. Morgan.
Golynos Slope -	Ditto -	Ditto	Ditto -	W. Davies.
Hafod Van -	Ditto -	Ditto	Ditto -	D. P. Jenkins.
No. 10 Level -	Ditto -	Ditto	Ditto -	W. Davies.
Plascoed -	Ditto -	Ditto	Ditto -	J. Morgan.
Victoria :				
No. 1 Pit -	Ebbw Vale -	Ditto	Ebbw Vale Steel, Iron, and Coal Co.	E. Parry.
No. 5 Pit -	Ditto -	Ditto	Ditto -	Ditto.
No. 6 Pit -	Ditto -	Ditto	Ditto -	Ditto.
No. 16 Level -	Ditto -	Ditto	Ditto -	Ditto.
Wain Llwyd -	Ebbw Vale -	Ditto	Ditto -	J. Powell.
Waterloo -	Blackwood -	Ditto	Evans and Griffiths -	T. Evans.
White Rose -	White Rose	Ditto	Powell Duffryn Co. -	D. Evans.
Yard Level -	Nantyglo -	Ditto	Morgan Morgan -	M. Morgan.

LIST of COAL MINES, OWNERS, and MANAGERS under the Coal Mines Regulation Act, in part of BRECONSHIRE, 1884.

Name of Mine.	Situation of Mine.		Name of Owner.	Name of Manager.
	Post Town.	County.		
Brick Yard Level	Beaufort	Breconshire	Morgan and Jones	J. Morgan.
Bryn	Brynmawr	Ditto	W. Lewis	W. Lewis.
Clydach	Ditto	Ditto	Morgan and Rhys	L. Rhys.
Rytw	Ditto	Ditto	Morgan and Williams	T. Watkins.
Wainavon Slope	Ditto	Ditto	Phillips and Williams	J. Phillips.

LIST of COAL MINES, OWNERS, and MANAGERS under the Coal Mines Regulation Act, in part of GLAMORGANSHIRE, 1884.

Name of Mine.	Situation of Mine.		Name of Owner.	Name of Manager.
	Post Town.	County.		
Brithdir	Tirphel	Glamorganshire	Dowlais Iron Co.	T. Bevan.
Cefn Hengoed	Maesywmmwr	Ditto	R. Chimers	N. Chivers.
Cil haul, No. 1	Bargoed	Ditto	Bargoed Coal Co.	W. Jeremiah.
Cil haul, No. 2	Ditto	Ditto	Ditto	Ditto.
Coedcefn	Machen	Ditto	F. A. Woodruff	F. V. Thomas.
Energlyn	Caerphilly	Ditto	Energlyn Coal Co.	T. Thomas.
Gilfach	Bargoed	Ditto	Exors. of W. G. Cartwright	Ll. Watkins.
Hendredenny	Caerphilly	Ditto	T. Coslett	T. Coslett.
Hengoed	Maesywmmwr	Ditto	R. Edwards	R. Edwards.
Llantwit Black Vein	Caerphilly	Ditto	Llantwit Black Vein Coal Co.	S. Wilson.
New Rhos	Pengam	Ditto	W. and E. Beddoe	E. Beddoe.
North Wingfield Drift	Bargoed	Ditto	Bevan and Pryce	T. Ellis.
North Wingfield Level	Ditto	Ditto	Ditto	Ditto.
Pentrepoeth	Pengan	Ditto	W. and E. Beddoe	E. Beddoe.
Ponwaingoeh	Pontlottyn	Ditto	Morgan and Saunders	D. Saunders.
Penycapel	Caerphilly	Ditto	H. Coggins	H. Coggins.
Rhos Llantwit	Ditto	Ditto	Rhos Llantwit Coal Co.	J. Richards.
Rhymney:				
Brynpwlllog	Rhymney	Ditto	Rhymney Iron Co.	R. Abraham.
Cefn Brithdir	Ditto	Ditto	Ditto	W. Smith.
Darran	Ditto	Ditto	Ditto	Ditto.
New Duffryn	Ditto	Ditto	Ditto	R. Abraham.
Pidwalt	Ditto	Ditto	Ditto	Ditto.
Terrace	Ditto	Ditto	Ditto	Ditto.
Rudry	Machen	Ditto	Rudry Merthyr Steam and House Coal and Fire-brick Co.	A. Johnson.
Twyn-y-coed-cae	Ditto	Ditto	F. A. Woodruff	F. V. Thomas.
Wingfield	Pengam	Ditto	Wingfield Colliery Co.	T. Ellis.

LIST of COAL MINES, OWNERS, and MANAGERS under the Coal Mines Regulation Act, in GLOUCESTERSHIRE, 1884.

Name of Mine.	Situation of Mine.		Name of Owner.	Name of Manager.
	Post Town.	County.		
Bailey Hill	Yorkley	Gloucestershire (Forest of Dean).	Morgan and Parsons	T. F. Morgan.
Bixlade	Coleford	Ditto	G. Roberts	G. Roberts.
Blakeney	Blakeney	Ditto	W. Davis	W. Davis.
Brandwick's New Level	Moseley Green	Ditto	Vimpany & Co.	J. W. Blanch.
Bridewell	Ditto	Ditto	J. Frichard	J. Frichard.
Buckholt	Coleford	Ditto	T. Thomas & Co.	S. J. Thomas.
Coal Pit Hill	Berry Hill	Ditto	R. Aston	R. Aston.
Crumpmeadow	Cinderford	Ditto	Lydney and Crumpmeadow Colliery Co.	J. Hale.

LIST of COAL MINES, OWNERS, and MANAGERS under the Coal Mines Regulation Act, in  
GLOUCESTERSHIRE, 1884—cont.

Name of Mine.	Situation of Mine.		Name of Owner.	Name of Manager.
	Post Town.	County.		
Dog Delf -	Yorkley -	Gloucestershire (Forest of Dean).	Dainton and Ames -	H. Ames.
Duck Pit -	Cinderford -	Ditto -	Parsons and Jenkins -	H. Parsons.
East Slade -	Ditto -	Ditto -	New Bowson Co. -	J. Burdess.
Edenwall -	Coleford -	Ditto -	S. Hughes -	S. Hughes.
Ellwood Green -	Ditto -	Ditto -	Ellwood Green Coal and Brick Co.	W. Hamblin.
Fancy -	Cinderford -	Ditto -	P. S. Mac Dougal -	T. Trigg.
Farmy Lay -	Coleford -	Ditto -	S. Hughes -	S. Hughes.
Ferney -	Baker's Hill -	Ditto -	J. Morris -	J. Morris.
Folly -	Ditto -	Ditto -	R. Aston -	R. Aston.
Foxes Bridge -	Cinderford -	Ditto -	Foxes Bridge Colliery Co. -	W. Harris.
Gentlemen Colliers -	Coleford -	Ditto -	J. Smith -	J. Smith.
Great Western -	Ditto -	Ditto -	Great Western Coal Co. -	T. Lloyd.
Hawkins Coleford -	Baker's Hill -	Ditto -	J. Morris -	J. Morris.
Hawkwell -	Cinderford -	Ditto -	J. Chivers & Co. -	G. Arblaster.
Haywood -	Ditto -	Ditto -	Haywood Coal Co. -	T. Wright.
Hopewell Engine -	Mitcheldean -	Ditto -	Rosser and Morris -	J. Rosser.
Hopewell Engine -	Ditto -	Ditto -	G. Roberts -	G. Roberts.
Hopewell-in-Wimberry -	Ditto -	Ditto -	H. Fox & Co. -	H. Fox.
Howerslade -	Coleford -	Ditto -	T. Thomas & Co. -	T. Thomas.
Knockley Tump -	Bream -	Ditto -	S. Jenkins -	S. Jenkins.
Leather Pit -	Cinderford -	Ditto -	J. Russel -	J. Pease.
Lightmoor -	Ditto -	Ditto -	H. Crawshay and Sons -	J. Buffery.
Lydbrook Deep Level -	Drybrook -	Ditto -	Lydbrook Deep Level Col- liery Co.	T. Smith.
Nags Head -	Lydney -	Ditto -	Executors of S. Holmes -	R. Morgan.
New Birch Hill Folly -	Coleford -	Ditto -	R. Joynes -	R. Joynes.
New Fancy -	Parkend -	Ditto -	Parkend and New Fancy Colliery Co.	M. Hale.
New Found Out -	Coleford -	Ditto -	W. Hughes -	E. Hughes.
Park End Royal -	Parkend -	Ditto -	Parkend and New Fancy Colliery Co.	M. Hale.
Park Hill -	Lydney -	Ditto -	R. Watkins.	R. Watkins.
Pillowell Engine -	Whitecroft -	Ditto -	Herdman, Whittle, & Co. -	P. W. Holmes.
Pillowell Level -	Lydney -	Ditto -	Executors of S. Holmes -	R. Morgan.
Prosper -	Coleford -	Ditto -	J. T. Thomas -	J. Smith.
Society -	Ditto -	Ditto -	B. Gwilliams -	B. Gwilliams.
Speedwell -	Lydbrook -	Ditto -	G. Langham -	G. Langham.
St. Vincent -	Coleford -	Ditto -	J. Wanklin -	A. Benfield.
Thatch -	Ditto -	Ditto -	W. Hughes -	E. Hughes.
Trafalgar -	Drybrook -	Ditto -	Trafalgar Colliery Co. -	F. W. T. Brain.
Union -	Coleford -	Ditto -	J. Keyse -	J. Keyse.
Vallets Level -	Ditto -	Ditto -	Trotter Thomas & Co. -	R. Aston.
Viney Hill -	Blakeney -	Ditto -	W. Willetts -	W. Willetts.
Wallsend -	Cinderford -	Ditto -	Gollop & Co. -	R. Watkins.
Well Level and Broom- inghold.	Coleford -	Ditto -	J. and H. Brown -	W. Brown.
Wimberry -	Ditto -	Ditto -	Thomas & Co. -	J. T. Thomas.
Belgium -	Bristol -	Gloucester	Kingswood and Parkfield Coal Co.	J. Sparks.
California -	Ditto -	Ditto -	Oldham Colliery Co. -	D. N. D. Stewart.
Coalpit Heath -	Ditto -	Ditto -	Sir H. G. Smith -	J. Naysmith.
Crews Hole -	Ditto -	Ditto -	Bristol Fireclay Co. -	H. C. Burge.
Crews Hole -	Ditto -	Ditto -	R. F. Ring -	R. F. Ring.
Crown -	Warmley -	Ditto -	Bissicks and Mathews -	G. Garthwaite.
Easton -	Bristol -	Ditto -	Leonard Boulton & Co. -	W. B. Monks.
Frampton -	Yate -	Ditto -	W. Bryant & Co. -	W. Bryant.
Golden Valley -	Bitton -	Ditto -	A. Brain & Co. -	W. Cadley.
Goose Green -	Yate -	Ditto -	P. Monks.	—
Hanham -	Bristol -	Ditto -	Leonard Boulton & Co. -	W. B. Monks.
Kingswood -	Ditto -	Ditto -	Kingswood and Parkfield Coal Co.	—
Mangotsfield -	Ditto -	Ditto -	Mangotsfield Colliery Co. -	J. M. Stone.
Parkfield -	Ditto -	Ditto -	Kingswood and Parkfield Coal Co.	J. Sherborne.
Pennywell Road -	Ditto -	Ditto -	A. H. Synges -	I. Taylor.
Rangeworthy -	Yate -	Ditto -	J. Dixon -	W. Dyer.
Shortwood -	Bristol -	Ditto -	C. Lovell -	C. Lovell.
Speedwell -	Ditto -	Ditto -	Kingswood and Parkfield Coal Co.	J. Sparks.
Whitehall -	Ditto -	Ditto -	Leonard Boulton & Co. -	W. B. Monks.
Yate -	Yate -	Ditto -	F. H. Jones -	E. A. Worthy.

LIST of COAL MINES, OWNERS, and MANAGERS under the Coal Mines Regulation Act, in SOMERSETSHIRE, 1884.

Name of Mine.	Situation of Mine.		Name of Owner.	Name of Manager.
	Post Town.	County.		
Ashton Vale	Bristol	Somersetshire	Ashton Vale Iron Co.	M. Cowcill.
Bishop Sutton	Ditto	Ditto	Bishop Sutton Coal Co.	G. James.
Braysdown	Bath	Ditto	J. W. Doubeny & Co.	W. Steart.
Camerton, Old	Ditto	Ditto	Miss Jarrett	G. Feare.
Camerton, New	Ditto	Ditto	Ditto	Ditto.
Clandown	Ditto	Ditto	C. Hollwey	M. Shearn.
Conygre, Upper	Radstock	Ditto	Samborne, Smith, & Co.	J. Treasure.
Conygre, Lower	Ditto	Ditto	Ditto	Ditto.
Dean Lane	Bristol	Ditto	H. Bennet	A. H. Bennet.
Edford	Stratton	Ditto	Edford Colliery Co.	H. J. Ridler.
Farrington	Radstock	Ditto	Farrington Coal Co.	W. B. Beauchamp.
Foxcote	Ditto	Ditto	Foxcote Colliery Co.	J. Batey.
Fryshotton	Clutton	Ditto	Right Hon. Earl of Warwick	W. Maggs.
Greyfield	Ditto	Ditto	Ditto	Ditto.
Huish	Radstock	Ditto	Writhlington Colliery Co.	J. Batey.
Kilmersdon	Ditto	Ditto	Kilmersdon Colliery Co.	Ditto.
Mackintosh	Coleford	Ditto	Westbury Iron Co.	Ditto.
Malago Vale	Bristol	Ditto	Bristol Colliery Co.	R. Hope.
Newbury	Coleford	Ditto	Westbury Iron Co.	J. Batey.
New Rock	Bath	Ditto	New Rock Coal Co.	D. Morgan.
Old Mills	Paulton	Ditto	W. Evans & Co.	W. Evans.
Old Welton	Radstock	Ditto	Old Welton Colliery Co.	W. B. Beauchamp.
Radstock: Ludlows	Ditto	Ditto	Trustees of Countess Waldegrave.	J. MacMurtrie.
Middle Pit	Ditto	Ditto	Ditto	Ditto.
Tyning	Ditto	Ditto	Ditto	Ditto.
Wells Way	Ditto	Ditto	Ditto	Ditto.
South Liberty	Bristol	Ditto	Ashton Vale Iron Co.	M. Cowcill.
Temple Cloud	Ditto	Ditto	H. C. Hippisley	H. C. Hippisley.
Wetton Bridge	Radstock	Ditto	G. H. Thatcher	G. H. Thatcher.
Welton Hill	Radstock	Ditto	C. Hollwey	C. Hollwey.
Writhlington Upper	Ditto	Ditto	Writhlington Colliery Co.	J. Batey.
Writhlington Lower	Ditto	Ditto	Ditto	Ditto.

LIST of MINES, OWNERS, and MANAGERS under the Coal Mines Regulation Act, in DEVONSHIRE and DORSETSHIRE, 1884.

Name of Mine.	Situation of Mine.		Name of Owner.	Name of Manager.
	Post Town.	County.		
Bideford	Bideford	Devonshire	Bideford Black Paint Co.	T. Pollard.
Kimmeridge	Kimmeridge	Dorsetshire	C. De Grette & Co.	C. Beaumont.

LIST of MINES and OWNERS under the Metalliferous Mines Regulation Act, in SOUTH-WESTERN DISTRICT, 1884.

Name of Mine.	Situation of Mine.		Name of Owner.
	Post Town.	County.	

HÆMATITE MINES.

Aylburton	Lydney	Gloucestershire	J. James.
Bob's Quarry	Ditto	(Forest of Dean).	Ditto.
Bow	Clearwell Meend	Ditto	R. Watkins.
Bream Grove	Bream	Ditto	Ditto.
Buckshaft	Cinderford	Ditto	H. Crawshay.
China Engine	Parkend	Ditto	Ditto.
Clearwell	Cinderford	Ditto	Ditto.

LIST of MINES and OWNERS under the Metalliferous Mines Regulation Act, in SOUTH-WESTERN DISTRICT, 1884—*cont.*

Name of Mine.	Situation of Mine.		Name of Owner.
	Post Town.	County.	

HÆMATITE MINES—*cont.*

Cross Ways	Coleford	Gloucestershire	E. Henderson.
Crows Nest	Ditto	(Forest of Dean). Ditto	R. Watkins.
Easter	Ditto	Ditto	Easter Iron Ore Co.
Highmeadow	Ditto	Ditto	Highmeadow Iron Ore Co.
Lambs Quay	Ditto	Ditto	W. H. Fryer.
Lime Kiln Pool	Lydbrook	Ditto	Ditto.
Limestone	Bream	Ditto	J. Jarrott.
Ditto	Ditto	Ditto	H. Keir.
Lydbrook	Lydbrook	Ditto	W. H. Fryer.
Lydney Park	Bream	Ditto	J. Y. Jarrott.
New China Level	Cinderford	Ditto	H. Crawshay.
New Dun	Bream	Ditto	R. Watkins.
Noxon Park	Parkend	Ditto	G. Jarrott.
Oak Pit	Cinderford	Ditto	G. Langham.
Oakwood	Bream	Ditto	W. Hoare.
Old Ham	Coleford	Ditto	W. H. Fryer.
Old Park	Bream	Ditto	R. Watkins.
Park Hill	Parkend	Ditto	H. Crawshay.
Perseverance	Newnham	Ditto	Ditto.
Pluckpenney	Bream	Ditto	M. Beach & Co.
Scowls	Lydney	Ditto	Blanch and Wood.
Shraves	Bream	Ditto	J. Shingles.
Sling	Coleford	Ditto	W. H. Fryer.
South Oakwood	Bream	Ditto	Ketlay, Glenday, and Short.
Slope Pit	Ditto	Ditto	J. W. Blanch.
St. Annals	Cinderford	Ditto	H. Crawshay.
Westbury Brook	Mitcheldean	Ditto	Dowlais Iron Co.
Wigpool	Ditto	Ditto	Lydney and Wigpool Iron Ore Co.
Yew Tree	Bream	Ditto	J. Shingles.
Blackmore	Blagdon	Somersetshire	R. Nichols.
East Harptree	Bristol	Ditto	Bolton & Co.
Malago Vale	Winford	Ditto	Ditto.
Ridge Hill	Bristol	Ditto	M. Hobbs.
Ditto	Ditto	Ditto	C. Pierce.
Rowborough	Blagdon	Ditto	W. Wookoy.
Winford	Winford	Ditto	A. King.
Ditto	Ditto	Ditto	H. C. Burgo.

## OOLITE MINES.

Box Hill	Box	Wiltshire	Randall, Saunders, & Co.
Candlehouse	Ditto	Ditto	Ditto.
Farleigh Down	Bradford	Ditto	Ditto.
Huddeswell	Corsham	Ditto	Ditto.
Neston	Ditto	Ditto	Ditto.
Park Lane	Ditto	Ditto	Ditto.
Ridge	Ditto	Ditto	Ditto.
Westwood	Bradford	Ditto	Ditto.
Box Hill	Box	Ditto	T. Sumsions.
Farleigh Down	Bradford	Ditto	Ditto.
Monks Park	Corsham	Ditto	Ditto.
Box	Box	Ditto	R. Strong.
Box Hill	Ditto	Ditto	Messrs. Noble.
Cliff	Ditto	Ditto	Pictor and Sons.
Farleigh, Old	Bradford	Ditto	Ditto.
Ditto New	Ditto	Ditto	Ditto.
Monks Park	Ditto	Ditto	Ditto.
Spring	Corsham	Ditto	Ditto.
Corsham Down	Ditto	Ditto	Yockney & Co.
Box	Box	Ditto	R. J. Marsh.
Farleigh Down	Bradford	Ditto	Ditto.
Kingsdown	Box	Ditto	Ditto.
Corsham Down	Corsham	Ditto	Stone Brothers.
Farleigh Down	Bradford	Ditto	Ditto.
Kingsdown	Box	Ditto	G. Butt.
Poulton	Bradford	Ditto	W. Long.
Ditto	Ditto	Ditto	J. Taylor.
Ridge	Corsham	Ditto	Corsham Bath Stone Co.
Westwood	Bradford	Ditto	W. Godwin.
Combe Down	Bath	Somersetshire	Stone Brothers.
Limpley Stoke	Ditto	Ditto	Ditto.
Combe Down	Corsham	Ditto	Randall, Saunders, & Co.
Cross Keys	Bath	Ditto	A. Bool.
Level Heading	Freshford	Ditto	Messrs. Wallington.
Limpley Stoke	Bradford	Ditto	Ditto.
Stoke	Chippenham	Ditto	Pictor and Sons.

LIST OF MINES and OWNERS under the Metalliferous Mines Regulation Act, in SOUTH-WESTERN DISTRICT, 1884—*cont.*

Name of Mine.	Situation of Mine.		Name of Owner.
	Post Town.	County.	

OOLITE MINES—*cont.*

Balls Green, No. 1	-	Stroud	-	Gloucestershire	-	T. Essex.
Ditto No. 2	-	Ditto	-	Ditto	-	Ditto.
Bath Road	-	Nailsworth	-	Ditto	-	N. Newth.
Ditto	-	Ditto	-	Ditto	-	T. Newth.
Brinscombe	-	Stroud	-	Ditto	-	J. Gardener.
Cross Hands	-	Old Sodbury	-	Ditto	-	J. Eyles.
Scar Hill	-	Nailsworth	-	Ditto	-	J. Blackburn.
Ragnal Lane	-	Ditto	-	Ditto	-	E. Wheeler.
Walkley Wood	-	Ditto	-	Ditto	-	Ditto.
Tormorton	-	Chipping Sodbury	-	Ditto	-	Duke of Beaufort.

FULLERS' EARTH MINES.

Bloomfield	-	Bath	-	Wiltshire	-	H. P. Watts.
Combehay	-	Ditto	-	Somersetshire	-	S. Butler.
Englishcombe	-	Ditto	-	Wiltshire	-	H. P. Watts.
Milford	-	Ditto	-	Somersetshire	-	Milford Fuller's Earth Works Co.

## (13.) Cornwall and Devon District.

MR. R. J. FRECHEVILLE.

LIST of MINES, OWNERS, and AGENTS under the METALLIFEROUS MINES REGULATION ACT, in CORNWALL, DEVONSHIRE, and part of SOMERSETSHIRE, 1884.

Name.	Number of Persons employed.		Minerals raised.	Situation and Postal Address.	Owner.	Agent.*
	Under-ground.	Above Ground.				
CORNWALL.						
Agar, Wheal -	198	134	Tin and copper -	Redruth -	Wheal Agar Mining Co.	W. C. Trevena.
Arthur, Wheal -	-	2	Copper -	Calstock, Tavistock	Wheal Arthur Mining Co.	Moses Bawden.
Basset, Wheal -	171	86	Tin and copper -	Redruth -	Wheal Basset Mining Co.	W. C. Trevena.
Basset, West -	197	137	Ditto -	-	West Basset Mine Adventurers	James Nicholas.
†Basset and Buller Consols	-	-	Tin -	-	Basset and Buller Consols Mining Co.	R. Pryor.
Benny, Wheal -	16	9	Ditto -	Latchley Calstock	Wheal Benny Mining Co.	Thos. Cocking.
Bickton -	6	2	Lead and manganese	Pensilva, St. Ive, Liskeard	The Bickton Silver-Lead and Manganese Co., Ld.	W. Harris.
Blue Hills -	47	49	Tin -	St. Agnes, Scorrier	Blue Hills Mining Co.	S. Bennetts.
Blue Hill, East	22	26	Ditto -	St. Agnes -	East Blue Hills Mining Co.	Ditto.
Blue Hills, North	-	-	Ditto -	-	North Blue Hills Mining Co.	Ditto.
Bodannon -	4	4	Antimony	Trewetha, Endellion	W. G. Fowster	E. L. Owen.
Botallack -	130	66	Tin and copper -	St. Just, Penzance	Botallack Mining Co.	S. H. James.
Botallack, East	-	-	Ditto -	-	East Botallack Mining Co.	Geo. H. Enstice.
Botathan -	-	-	Manganese	South Petherwin, Launceston	C. T. H. Bennett †	C. T. H. Bennett.
Budnick Consols	4	6	Tin and lead	Perranzabuloe -	F. G. Enys -	R. C. Glanville.
Busy, North -	20	6	Tin -	Chacewater -	North Busy United Mining Co.	John James.
Calstock and Danescombe	12	13	Copper -	Calstock, Tavistock	Calstock and Danescombe Consolidated Mining Co.	W. Sowden.
Camborne, Wheal	10	16	Tin and copper -	Camborne -	Wheal Camborne Co.	Peter Temby.
Camborne Vean	10	4	Tin -	Ditto -	Camborne Vean Mining Co.	R. S. Teague.
Caradon, East	17	5	Copper -	Linkinhorne, Liskeard	East Caradon Mining Co.	George and Seccombe.
Caradon, New	9	3	Ditto -	St. Cleer, Liskeard	New Caradon Mining Co.	W. H. Watson.
Caradon, South	176	122	Ditto -	Ditto -	South Caradon Mining Co.	George and Seccombe.
Caradon, New South	9	10	Tin and copper -	Ditto -	New South Caradon Mining Co.	John Holman.
Caradon, West	24	20	Copper -	Ditto -	John Watson and others -	W. H. Watson.
Caradon, New West	12	6	Copper -	Ditto -	Ditto -	Ditto.
Cargoll -	2	2	Lead and zinc	Newlyn, East Grampond Road	Charles Tamblyn and John Grose	Charles Tamblyn and John Grose.
Cariggan Rock	22	27	Tin -	Roche, St. Austell	John Middleton & Co.	W. Williams.
Carn Brea -	226	247	Tin and copper -	Redruth -	Carn Brea Mining Co.	William Teague.
Carne Camborne	13	7	Ditto -	Camborne	Carne Camborne Mining Co.	W. C. Vivian.
Castle, Wheal -	22	5	Tin -	St. Just, Penzance	Wheal Castle Co. -	John Boyns.

\* If secretary or purser, the name in *italics*.

† Mine not worked in 1884.

LIST of MINES, OWNERS, and AGENTS under the METALLIFEROUS MINES REGULATION ACT, in CORNWALL, DEVONSHIRE, and part of SOMERSETSHIRE, 1884—cont.

Name.	Number of Persons employed.		Minerals raised.	Situation and Postal Address.	Owner.	Agent.*
	Under-ground.	Above Ground.				
CORNWALL—cont.						
Cathedral Consols	21	7	Tin	St. Day, Scorrier	Cathedral Consols Mining Co.	Stephen Davey.
Chiverton, West	—	12	Lead	Perranzabuloe, Truro	R. Southey	Richard Southey.
†Chiverton, Great West	—	—	Ditto	St. Agnes	Great West Chiverton Mining Co.	John Curtis.
Coates, Wheal	30	15	Tin	Ditto	Wheal Coates Tin Mining Co.	W. Vivian.
Comford, Wheal, and North Tre-savean.	21	20	Ditto	Redruth	Wheal Comford and North Tre-savean Ad-venturers.	H. Treganowan.
Condurrow, South	172	183	Ditto	Camborne	South Condurrow Mining Co.	W. Rich.
Cook's Kitchen	91	105	Ditto	Ditto	Cook's Kitchen Mining Co.	Charles Thomas.
Cook's Kitchen, New	20	23	Tin and copper	Ditto	New Cook's Kitchen Mining Co.	William Thomas.
Creegbrawse	6	6	Tin	Chacewater	Creegbrawse Tin Mining Co.	John Smith.
Crofty, South Wheal	84	76	Tin and copper	Pool, Camborne	South Wheal Crofty Mining Co.	Josiah Thomas.
Devon Great Consols, West	3	—	Copper	Calstock	West Devon Great Consols Mining Co.	George Rowe.
Dolcoath	626	685	Tin and copper	Camborne	Dolcoath Mining Co.	Josiah Thomas.
Drakevalls	70	60	Tin	Calstock, Tavistock	Drakevalls Tin and Copper Mining Co.	M. Bawden.
Duchy Peru	38	28	Iron and zinc	Newlyn East, Gramppound Road	Duchy Peru Mining Co.	R. & J. Nancarrow.
Eliza Consols, Wheal	190	111	Tin and copper	St. Austell	Stephen Barker and others	R. H. Williams.
Eliza, West Wheal	12	8	Ditto	Ditto	Ditto	Ditto.
Ellen United, Wheal	6	—	Tin	St. Agnes	Messrs. J. Dobson, Good, & Co.	Jos. Michell
†Fortune, Wheal	—	—	Arsenic and silver	Harrowbarrow, St. Mellion	Birmingham and Harrowbarrow Mining Co.	R. W. Douling.
Fortune, Great Wheal	3	14	Tin	Breage, Helston	Great Wheal Fortune Mining Co.	Wm. Argall.
Fowey Consols, New	7	3	Copper and tin	St. Blazey	John Baines	W. H. Pascoe.
Frances, South Wheal	173	209	Tin	Redruth	South Wheal Frances Mining Co.	Charles Craze.
Frances, West Wheal	107	109	Ditto	Camborne	West Wheal Frances Mining Co.	Josiah Thomas.
Glasgow Caradon Consols	35	25	Copper	St. Ives, Liskeard	Glasgow Caradon Consolidated Mining Co., Ltd.	William Taylor.
Godolphin, West	50	33	Tin	Trescoe, Marazion	West Godolphin Mining Co.	T. Hodge.
Goodevere	4	2	Ditto	Altarnun	The Goodevere Mining Co., Ltd.	R. Knott.
Gonamena, West	8	8	Copper	St. Cleer, Liskeard	West Gonamena Mining Co.	W. H. Watson.
Great Work	50	61	Tin	Breage, Marazion	William Teague	William Teague.
Grenville, Wheal	113	125	Tin and copper	Camborne	Wheal Grenville Mining Co.	T. Hodge.
Gunnislake Clitters	86	57	Ditto	Gunnislake, Tavistock	Gunnislake Clitters Mining Co.	John C. Seccombe.
Gunnislake, Old	11	1	Copper	Ditto	Old Gunnislake Mining Co.	R. C. Seccombe.
Hawk's Point	3	—	Tin and copper	Lelant, St. Ives	Messrs. Nugent and Kay	N. F. Ashton.
Herodsfoot	25	21	Lead	Laureath, Liskeard	Herodsfoot Mine Adventurers	T. Trelease.
†Herodsfoot, North	—	—	Ditto	Ditto	North Herodsfoot Mining Co.	Ditto.

\* If secretary or purser, the name in italics.

† Mine not worked in 1884.

## LIST of MINES, OWNERS, and AGENTS under the METALLIFEROUS MINES REGULATION ACT, in CORNWALL, DEVONSHIRE, DORSETSHIRE, and part of SOMERSETSHIRE, 1884—cont.

Name.	Number of Persons employed.		Minerals raised.	Situation and Postal Address.	Owner.	Agent.*
	Under-ground.	Above Ground.				
†Hingston Down	—	—	Copper	Gurnislake, Tavistock	The Hingston Down Consols Mining Co., Limited.	Thomas Richards.
Holmbush and Kelly Bray	165	71	Copper and arsenic	Callington	The New Holmbush Mining Co., Ltd.	H. Bennett.
Hony and Trelawny, Wheal	29	21	Lead	Liskeard	Wheal Hony and Trelawny Mining Co., Limited.	William Derry.
†Hony, East	—	—	Ditto	Ditto	East Hony Mining Co.	Henry Michell.
Hope, Wheal	7	1	Tin and zinc	Kea, Chacewater	Wheal Hope Mining Co.	Richard Southey.
Jane, Wheal	3	39	Tin and arsenic	Ditto	Wheal Jane Mining Co.	John Smith.
Jane, West Wheal	10	4	Tin and iron pyrites	Chacewater	John Smith	<i>John Tregonning.</i>
Jennings, Wheal	38	—	Tin	Gwinear, Hayle	Messrs. Williams, Harvey, & Co.	<i>F. W. Diab.</i>
†Jewell, Wheal	—	—	Copper	St. Hilary	Wheal Jewell Mine Adventurers	John Mitchell.
Killifreth	106	51	Tin	Chacewater	Killifreth Mining Co.	Isaac Richards.
Kit Hill Great Consols	37	14	Ditto	Callington	Kit Hill Great Consols Mining Co.	W. Teague.
Kitty, Wheal	94	68	Ditto	Callington	Wheal Kitty Mining Co.	W. Vivian.
Kitty, New	14	8	Ditto	St. Agnes	Wheal Kitty Mining Co.	Ditto.
Kitty, West	54	73	Ditto	Ditto	J. B. Reynolds and others	Thos. Gregory.
Langford, New	8	4	Copper	Ditto	Ditto	R. White.
Levant	244	114	Tin and copper	Harrow-barrov, St. Mellion	Wheal Langford Mining Co.	R. E. Boyns.
Levant, North	58	37	Tin	St. Just, Penzance	Levant Mining Co.	Joseph Prisk.
Lovell, The	24	8	Ditto	Ditto	North Levant Mining Co.	Richard Quantrell and Son.
Lovell, East Wheal	18	10	Ditto	Wendron, Helston	The Lovell Mining Co.	William Skewis.
Linskey Wheal	2	—	Ditto	Callington	East Wheal Lovell Mining Co.	George and Seccombe.
Marke Valley	31	34	Tin and copper	Linkinhorne, Liskeard	Wheal Linskey Mining Co.	<i>W. G. Nettie.</i>
Mary Ann, West Wheal	12	4	Lead	Liskeard	Marke Valley Mining Co.	John Gilbert.
Mellancar	109	129	Copper	Hayle	West Wheal Mary Ann Mining Co.	John Curtis.
Mengern and Combellaack	9	10	Tin	Wendron, Helston	Mellancar Copper Mining Co., Ltd.	W. Tregay.
Mount Carbis	20	22	Ditto	Redruth	Mengern and Combellaack Mining Co.	W. Argall.
Mounts Bay Consols	36	30	Ditto	Breage, Helston	Mount Carbis Mining Co.	Jacob Oliver.
Ninnis Down	4	4	Ditto	St. Austell	Mounts Bays Consols, Ltd.	Joseph Prisk.
North Metal	23	11	Ditto	Sithney	North Metal Mining Co.	H. Balford.
Okel Tor and Cotehele Consols	33	79	Arsenic	Calstock, Tavistock	Okel Tor Co., Ltd.	William Derry.
Owen Vean and Tregurtha Downs	90	58	Tin	St. Hilary	Owen Vean and Tregurtha Downs Mining Co.	R. Boyns.
Owles, Wheal	105	182	Ditto	St. Just, Penzance	John Weston and others	Thos. Parkyn.
Par Tin	15	2	Ditto	St. Blazey	Par Tin Mining Co.	<i>E. S. Teague.</i>
Pedn-an-drea, United	83	55	Ditto	Redruth	R. Bain and others	W. T. White.
Peavor, Wheal	64	44	Ditto	Ditto	Wheal Peavor Mining Co.	

\* If secretary or purser, the name in italics

† Mine not worked in 1884.

LIST of MINES, OWNERS, and AGENTS under the METALLIFEROUS MINES REGULATION ACT, in CORNWALL, DEVONSHIRE, DORSETSHIRE, and part of SOMERSETSHIRE, 1884—cont.

Name.	Number of Persons employed.		Minerals raised.	Situation and Postal Address.	Owner.	Agent.*
	Under-ground.	Above Ground.				
Peever, West -	14	10	Tin	Redruth -	West Peever Mining Co. -	W. T. White.
†Penberthy Crofts	-	-	Ditto	St. Hilary -	Penberthy Crofts Mining Co. -	John Curtis.
†Penhale and Barton	-	-	Ditto	St. Columb -	T. E. Vickers -	James Evans.
Penhalls	37	40	Ditto	St. Agnes, Scorrier	Penhalls Mining Co. -	S. Bennetts.
Penstruthal, North	25	10	Ditto	Gwennap -	North Penstruthal Mining Co. -	William Polkinghorne.
Penstruthal, South	25	13	Ditto	Ditto -	South Penstruthal Mining Co. -	Thomas Davey.
Penruff	-	6	Ditto	Trethursey, St. Austell -	Martin Brothers -	Martin Brothers.
†Perran Silver Lead Consols	-	-	Silver lead	Perranzabuloe -	Perran Silver Lead Consols Mining Co., Limited. -	W. Ninnes.
Phoenix and West Phoenix United	195	224	Tin and copper	Linkinhorne, Liskeard -	Phoenix and West Phoenix United Mining Co. -	John Truscott.
Phoenix, New -	2	3	Tin	Altarnun -	J. Bailey -	John Vancoe.
†Phoenix, South	-	-	Ditto	Linkinhorne, Liskeard	Henry Houseman -	Richard Clogg.
Phoenix, West	18	9	Tin and copper	St. Cleer, Liskeard	West Phoenix Adventurers -	Ditto.
Plushays	6	-	Lead	Linkinhorne, Liskeard	Plushays Mining Co. -	T. Trelease.
Polberro	14	2	Tin	St. Agnes, Scorrier	Polberro Mining Co. -	William Vivian.
Polbreen, West	11	2	Ditto	St. Agnes	West Polbreen Mining Co. -	W. Vivian.
Polcrebro	35	13	Ditto	Crowan, Helston -	Polcrebro Tin Mining Co. -	W. H. Martin.
Poldice United, West	71	68	Ditto	Gwennap, Scorrier	West Poldice United Mining Co. -	W. Teague.
Polgooth	-	2	Ditto	St. Austell	Richard Hancock -	Richard Hancock.
Polgooth, South	-	2	Ditto	St. Mewan	South Polgooth Mining Co. -	Johs Dyer.
Polrose	12	8	Ditto	Breage, Helston -	Polrose Mining Co. -	W. H. Watson.
Pool, East	262	438	Tin, copper, arsenic, and wolfram.	Illogan, Camborne	East Pool Mining Co. -	Charles Bishop.
Prince of Wales	40	30	Tin and copper	St. Mellion, Callington	John Watson and others -	S. Roberts.
Providence, United	4	2	Tin	Lelant	Providence United Mining Co. -	James Nicholls.
Redmoor	2	-	Lead	Callington	New Redmoor Mining Co. -	H. Bennetti.
Rose, East Wheel	32	27	Lead	Newlyn, East	East Wheel Rose Mining Co., Ltd. -	Thomas Doidge.
Roskear, West	-	1	Tin, copper, lead, and zinc.	Camborne	West Roskear Mining Co. -	Christopher Lobb.
St. Anbryn United	6	7	Tin and copper	Redruth -	St. Anbryn United Mines Co. -	John Jennings.
St. Ives Consols	27	36	Ditto	St. Ives -	G. Treweeke -	Thomas Michell.
St. Just United	145	70	Tin	St. Just, Penzance	St. Just United Mining Co. -	R. Boyas.
St. Neot Quarry	3	4	Slate	St. Neot, Liskeard	Joseph Cocking -	Joseph Cocking.
Seton, West Wheel	90	136	Tin and copper	Camborne	West Wheel Seton Mining Co. -	Charles Thomas.
Shepherds, Old	63	42	Lead	Newlyn, East, Grampond Road	Old Shepherds Mining Co., Ltd. -	R. Nancarrow.

CORNWALL—cont.

\* If secretary or purser, the name in italics.

† Mine not worked in 1884.

LIST of MINES, OWNERS, and AGENTS under the METALLIFEROUS MINES REGULATION ACT, in CORNWALL, DEVONSHIRE, DORSETSHIRE, and part of SOMERSETSHIRE, 1884—cont.

Name.	Number of Persons employed.		Minerals raised.	Situation and Postal Address.	Owner.	Agent.*
	Under-ground.	Above Ground.				
CORNWALL—cont.						
Shepherds, West Great	14	13	Lead	Perranzabuloe, Truro	West Shepherds Mining Co.	James M. Craze.
Silver Hill	3	1	Tin, copper, silver	Callington	Silver Hill Mining Co.	George Rickard.
Silver, Wheal, and Lanteglos	7	6	Lead	St. Teath, Camelford	Wheal Silver and Lanteglos Mining Co.	William Bennetts.
Sisters, Wheal	209	196	Tin	Lelant, Hayle	Wheal Sisters Mining Co.	W. Rosewarne.
South Polnear	2	—	Copper and zinc	St. Austell	Mrs. Francis Barratt	W. J. Nicholls.
South Tolcarne	58	16	Tin and copper	Camborne	South Tolcarne Mining Co.	T. Angrove.
Tamping Quarry	2	2	Stone	Tuckingmill, Camborne	Thomas Endey	Thomas Endey.
Terras, New	11	14	Tin	Grampond Road	New Terras Tin Mining Co., Ltd.	J. H. James.
Terras, South	6	8	Iron	Ditto	South Terras Tin Mining Co., Ltd.	Ditto.
Tincroff	198	248	Tin	Pool, Redruth	Tincroff Mining Co.	W. Teague.
Towan, West Wheal	10	6	Ditto	Illogan	John Robert Chidley	Henry Dale.
Trebartha Lemarne	11	10	Ditto	Callington	Trebartha Lemarne Mining Co.	E. W. Tenby.
Treburgett, East	3	—	Silver lead	Camelford	East Treburgett Mining Co.	William Bennetts.
Tregeagle	5	4	Tin	St. Neot	Joseph Taylor & Co.	Edward Pascoe.
Tregembo	6	4	Tin and copper	Relubbus, St. Hilary	Messrs. Harvey & Co., and others	Edward Chegwin.
Tregembo, East	12	5	Tin	Townsend, St. Eryth	Granville Sharp and others	Mark R. Chegwin.
Tregontrees and Old Polgooth Consols.	12	28	Ditto	St. Austell	Tregontrees and Old Polgooth Consols Mining Co.	R. B. Fastedge.
Tresavean	22	22	Tin and copper	Gwenmap	Tresavean Mining Co., Ltd.	Joseph Prisk.
Treskerby, North	35	24	Tin	St. Agnes, Scorrier	North Treskerby Mining Co.	R. Pryor.
Tretoil	4	—	Ditto	Lanivet, Bodmin	J. Postlethwaite & Co.	W. Williams.
Trevarren United Mines	—	—	Ditto	St. Austell and Indian Queen's	Trevarren United Mining Co.	H. Browne.
Trevaunance, Wheal	22	17	Ditto	St. Agnes, Scorrier	Trevaunance United Adventurers	W. Vivian.
Trumpet Consols, New	30	7	Ditto	Wendron, Helston	New Trumpet Consols Mining Co.	Thos. Quentral.
†Union, Wheal	—	—	Ditto	Redruth	Wheal Union Mining Co.	Joseph Prisk.
Uny, Wheal	84	140	Ditto	Ditto	Wheal Uny Mining Co.	W. Hambly.
Uny, East Wheal	26	10	Ditto	Ditto	Messrs. Prisk and Webber	W. Hooper.
Violet Seton	43	24	Copper	Camborne	Violet Seton Mining Co.	Sampson Hammer.
Vor, New Great Wheal	6	2	Copper	Breage	New Great Wheal Vor Tin Mining Co.	Joseph Prisk.
West Hawkmoor	—	—	Copper	Gunnislake	West Hawkmoor Mining Co.	Moses Bawden.
Wilhelmina	6	2	Tin	Alkarnun	J. Bailley and others	John Varcoe.
Wheal Metal and Flow	—	6	Ditto	Breage, Helston	Wheal Metal and Flow Co.	Wm. Argall.
Worthy, Great Wheal	—	—	Ditto	Crowan, Helston	Great Wheal Worthy Mining Co.	Joseph Prisk.
Woodcose	43	32	Ditto	Sticker, St. Austell	Messrs. Hannam and Lyell	John Edwards.
Wheal Prudence	—	—	Copper	St. Agnes, Scorrier	Samuel Harris	Samuel Harris.
Totals for Cornwall	7,033	6,150				

\* If secretary or purser, the name in italics.

† Mine not worked in 1884.

LIST of MINES, OWNERS, and AGENTS under the METALLIFEROUS MINES REGULATION ACT, in CORNWALL, DEVONSHIRE, DORSETSHIRE, and part of SOMERSETSHIRE, 1884—cont.

Name.	Number of Persons employed.		Minerals raised.	Situation and Postal Address.	Owner.	Agent.*
	Under-ground.	Above Ground.				
Anderton	12	11	Tin	Whitchurch, Tavistock	Anderton Tin Mining Co.	W. J. Bowhay.
†Bampfylde	—	45	Copper and iron	North Molton	North Molton Mining Co.	G. K. Klingender.
Bedford United	85	—	Copper and arsenical pyrites.	Tavistock	Bedford United Mining Co., Ltd.	H. Trezise.
Belstone	10	8	Copper	Belstone, Okehampton	Mid-Devon Copper Mining Co.	James Neill.
†Birch Tor	—	—	Tin	North Bovey, Post Princetown.	Moses Bawden	Moses Bawden.
Brickfield	5	5	Potter's clay	Kingsteignton, Newton Abbot	Goddard & Co.	Goddard & Co.
British Manganese	6	—	Manganese	Quither, Milton Abbot	British Manganese Co.	William Phillips.
Brookwood, New	4	2	Copper	Buckfastleigh	New Brookwood Mining Co.	James Browning.
Chilaton and Hogstor	8	9	Manganese	Milton Abbot, Lew Down, R.S.O.	Sims Brothers	Sims Brothers.
Collacombe Consols	17	2	Copper and zinc	Lamerton, Tavistock	Collacombe Consols Mining Co.	Wm. Skewis.
Coryton	6	—	Manganese	Coryton	Henry Martin	William Hooper.
Crebor, Wheal	65	76	Copper	Tavistock	Wheal Crebor Mining Co.	Moses Bawden.
Crebor, West	12	4	Ditto	Ditto	West Crebor Mining Co.	J. Andrews.
Devon Great Consols	251	402	Copper and arsenic	Ditto	Devon Great Consols Co., Ltd.	Isaac Richards.
Devon Great United	27	13	Ditto	Ditto	Devon Great United Mining, Ltd.	Ditto.
Devon Friendship	26	56	Tin and arsenic	Marytavy, Tavistock	Devon Friendship Mining Co.	F. R. W. Daw.
Emily, The	2	—	Copper	South Tawton, Okehampton	The Emily Mining Co.	M. B. Jobling.
Florence, New	10	7	Iron	North Molton	New Florence Mining Co., Ltd.	Dudley J. C. Bush.
†Fullbrook	—	—	Manganese	Braunton (Park Villas, Barnstaple)	Joseph Pope	Joseph Pope.
Gawton	42	48	Copper and arsenic	Gawton Quay, Tavistock	Gawton Mining Co.	George Rowe.
Gobbett	4	—	Tin	Exworthy, Dartmoor	Jas. Browning and others	Jas. Browning.
Golden Dagger	4	—	Ditto	Manaton, Dartmoor	Moses Bawden	Moses Bawden.
Kelley	2	1	Iron	Lansleigh	W. H. Hosking	W. H. Hosking.
Kingsteignton Clay Mines	48	10	Potter's clay	Kingsteignton, Newton Abbot	Watts, Blake, Bearne, & Co.	L. E. Bearne.
Molland	6	2	Iron	Molland, South Molton	Molland Mining Co.	Joseph Pope.
Monkston	6	10	Manganese	Brentor, Tavistock	W. R. Howard	John Varcoe.
Russel, Wheal, United	16	6	Copper	Tavistock	The Wheal Russell United Mining Co.	John Bray.
Sorridge	—	—	Ditto	Whitchurch, Tavistock	Sorridge Copper Mining Co.	W. Skewis.
South Devon United	40	19	Ditto	Buckfastleigh	South Devon United Mining Co., Ltd.	W. Hooper.
†Stowford	—	—	Iron	North Molton	North Molton Mining Co.	G. K. Klingender.
Tamar Valley	—	—	Lead and fluor spar	Beerferris	Tamar Valley Silver-Lead and Fluor Spar Mining Co.	R. Goldsworthy.
Teignbridge	8	2	Potter's clay	Kingsteignton	Whiteway & Co.	Whiteway & Co.

DEVONSHIRE.

† Mine not worked in 1884

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LIST of MINES, OWNERS, and AGENTS under the METALLIFEROUS MINES REGULATION ACT, in CORNWALL, DEVONSHIRE, DORSETSHIRE, and part of SOMERSETSHIRE, 1884—*cont.*

Name.	Number of Persons employed.		Minerals raised.	Situation and Postal Address.	Owner.	Agent.*
	Under-ground.	Above Ground.				
<b>DEVONSHIRE—<i>cont.</i></b>						
Teign Valley	4	4	Barytes	Bridford, Exeter	Devonshire Barytes and Chemical Co.	<i>J. O. Harris.</i>
*Vitrifer, Est	—	—	Tin	North Bovey, Moretonhampstead	East Vitrifer Tin Mining Co., Ltd.	<i>W. D. Mann.</i>
Whitstone	—	2	Ochre	Brentor	Pethybridge & Co.	<i>T. C. Beed.</i>
Yeoland Consols	6	26	Ditto	Horrabridge	Yeoland Consols Mining Co., Ltd.	Joel Manley.
Totals for Devonshire	732	770				
<b>DORSETSHIRE.</b>						
Furzy Ground	38	8	Potter's clay	Wareham	W. J. Pike.	L. W. Pike.
Lake	5	—	Ditto	Poole	Henry O. Burt	George F. Wanhill.
Matchams	9	3	Ditto	Corfe Castle	Benjamin Fayle & Co.	R. E. Pinney.
Seymour's	—	—	Ditto	Branksea	The Banksea Island Co., Ltd.	R. H. Fry.
Parbeck Stone Mines	125	115	Stone			
Totals for Dorsetshire	177	126				

\* If secretary or purser, the name in *italics*.

† Mine not worked in 1884.

## LIST of PURBECK STONE MINES.

Name of Owner or Occupier.	Situation.	Postal Address.
Benfield, Seth and Joseph	Eastington, Cowlease	Langton, Swanage.
Bonfield, Charles	Herston Farm	Herston, Swanage.
Bonfield, George	Greasehead Lane	Court Hill, Swanage.
Bonfield, John Warner	Swanage	Herston, Swanage.
*Bonfield, Joseph	Herston Farm	The Square, Herston, Swanage.
*Bower, Charles	Eastington, Great Cowlease	Langton, Swanage.
Bower, Frederick	Court Ground	Fern House, Swanage.
Bower, Henry James	Eastington	Langton, Swanage.
Bower, Richard	Langton	Ditto.
Bower, Isaac Browning	Ditto	Ditto.
Bower, Isaac and Stephen	Ditto	Ditto.
Bower, Jesse	Eastington, Cowlease	Langton, Swanage.
*Bower, Job	Langton	Langton.
Bower, John White	West Highlands	Turnpike, Worth, Wareham.
Bower, Martin	Eastington, Cowlease	Acton, Langton, Swanage.
Bower, Thomas	Leason Farm	Combe, Langton, Swanage.
Bower, Thomas Brown	Langton	Langton, Swanage.
Bower, Thomas W.	Ditto	Ditto.
Brown, James	Court Farm	Herston, Swanage.
Brown, Timothy	Langton	Langton, Wareham.
Burt, George	Court Farm	Court Hill, Swanage.
Burt, H. W.	Herston Field, Swanage	Ditto.
Chinchen, George	Eight Holds, Swanage	Swanage.
Chinchen, John	Highlands, Worth	Langton, Swanage.
Collins, James	Herston Farm	Court Hill, Swanage.
Collins, Richard	Belle Vue Farm	Herston, Swanage.
*Collins, Walter	-	Swanage.
Collins, William	North Field	Market Street, Swanage.
Cooper, H. G.	Landshard	Swanage.
Cooper, John	Swanage	Clarence Court, Swanage.
Cooper, Thomas	Herston Field	Langton, Swanage.
Corben, Charles Holt	French Grass Ground	Acton, Langton, Swanage.
*Corben, George	Eastington, Cowlease	Ditto ditto.
Curtis, Thomas	Cowlease	Langton, Wareham.
Harris, Albert	Herston Field	Hill's Cottage, Herston.
Harris, Alfred	Langton	Langton, Wareham.
Harris, Charles	Newton Farm	Herston, Swanage.
Harris, George	Belle Vue Farm	Ditto.
Harris, George	South Barn Farm	Ditto.
Harris, Henry	Ditto	Ditto.
Haysom, Henry	Greasehead	Ditto.
Haysom, John	South Barn Farm	Ashler Row, Swanage.
*Haysom, Stephen	Swanage Field	Swanage.
Haysome, Frederick	South Barn Farm	High Street, Swanage.
Lander, George	Langton	Langton, Wareham.
Lander, Joseph	Worth, Matravers	Wareham.
*Lander, Samuel Edward	West Highlands	Langton, Wareham.
*Lander, Samuel James	Worth	Ditto.
Lander, Thomas	Langton	Ditto.
Manwell, Peter	Herston Farm	High Street, Swanage.
Norman, George	Blowhole, Townsend Farm	Ditto.
Norman, Joseph	Townsend Farm	Swanage.
Norman, James Kampster	Court Ground	Ditto.
Norman, Robert	Eight Holds Farm	Ditto.
Phippard, Charles	Belle Vue Farm	Ashler Row, Swanage.
Phippard, John	Worth	Worth, Wareham.
Phippard, Samuel	Newton Farm	Herston, Swanage.
Phippard, Thomas	Langton	Langton, Wareham.
*Randell, Emily A.	-	Swanage.
Saunders, John	Purbeck Field	Langton, Swanage.
Saunders, William	St. Thomas' Field	Ditto.
Seymour, Henry	Court Farm	Church Hill, Swanage.
Seymour, Joseph	Belle Vue Farm	Herston, Swanage.
Short, Reuben and Edwin	Langton	Langton, Wareham.
Squibb, John	Little Cowlease	Ditto.
Squibb, Samuel	Swanage Field	Swanage.
*Stevens, Francis	South Barn Farm	North View Cottage, Swanage.
Stickland, Isaac	Leason Farm	Herston, Swanage.
Stickland, John	North Field	Swanage.
Stickland, Thomas	Rusbres	Ditto.
Tomes, John	Belle Vue Farm	Ashler Row, Swanage.
Tomes, Richard and Frank	Ditto	Court Hill, Swanage.
Tomes, William	Ditto	Ditto.
Tomes, Walter	Ditto	Stone House, Swanage.
Turner, Frank	-	Summer Lane, Swanage.
Vye, William	Gallowsgore	Acton, Langton, Wareham.
Webber, James	Langton, Matravers	Langton, Wareham.
*White, Nathan C.	Court Farm	High Street, Swanage.

\* Mine not worked in 1884.

LIST of WORKS and OWNERS treating the REFUSE of DRESSING FLOORS, flowing away from TIN MINES into STREAMS and RIVERS, called TIN STREAM WORKS in CORNWALL, 1884.

Name of Works.	No. of Persons employed.	Situation.	Occupier.
<b>RED RIVER.</b>			
Bracket	14	Illogan	Bracket Tin Streaming Co.
Brea	20	Camborne	Brea River Tin Streaming Co.
Bushorns	15	Ditto	Richard and Stephen Evans.
Carnarthen	20	Illogan	Edward Vine.
Ditto	6	Ditto	William Goldsworthy.
Condurrow (Mill Stamps)	24	Camborne	Alfred Lanyon.
Entral	19	Ditto	James Rodda.
Gwithian Beach	11	Gwithian	David Stevens.
Kieve Mills	60	Camborne	W. Rabling & Co.
Lower Menadarva	2	Ditto	Williams and Terrill.
Magor	20	Illogan	Magor Tin Streaming Co.
Menadarva	45	Camborne	Joseph Jewell & Co.
Ditto	15	Ditto	R. & S. Evans.
The Mill Tin Stream	11	Ditto	The Mill Tin Stream Co.
Pool Tin Streams	7	Illogan	Joseph Jewell & Co.
Queen	21	Ditto	Queen Tin Stream Co.
Reskadinnick	101	Camborne	Reskadinnick Tin Streaming Co.
Roscroggan	28	Illogan	Camborne Trading Co.
Rosewarne	44	Camborne	Rosewarne Tin Stream Co.
Ditto	24	Ditto	Wm. Hockin.
South Nancemellyn	6	Ditto	South Nancemellyn Tin Stream Co.
Tehidy	72	Illogan	John Carter.
Tehidy Mill	61	Ditto	James and John Jackson & Co.
Tolvaddon	57	Tuckingmill	Tolvaddon Tin Streaming Co.
Treskellard	50	Illogan	J. H. Jewell & Co.
Trevarnoe	62	Camborne	Trevarnoe Tin Streaming Co.
Trevenson	8	Pool	John Winn & Co.
Trevenson Moor	3	Illogan	Christopher Harris.
Tuckingmill	35	Tuckingmill	John Williams.
<b>RIVER FROM WHEEL BASSETT, &amp;c. TO PORTTREATH.</b>			
Agar Tin Works	11	Illogan	John Winn & Co.
Blowing House	12	Redruth	Blowing House Tin Stream Co.
Blowing House Stamps	4	Godolphin	John Stephens.
Bridge Moor	10	Illogan	James Rodda and Sons.
Glebe and Carn Brea	31	Ditto	Alfred Lanyon.
Harris Mill	11	Ditto	John Winn & Co.
Higher Rayle	—	Ditto	James Evans.
Laity	9	Ditto	Laity Tin Streaming Co.
North Basset	18	Ditto	C. Harris & Co.
Park Brissey	—	Ditto	Cornelius Bawden.
Porttreath	—	Ditto	R. and S. Evans.
Ditto	12	Ditto	John Hocking.
Rayle	4	Ditto	Fox and Penberthy.
Simms Streams	—	Redruth	Simms Streams Co.
Tolskithy	—	Illogan	James Evans.
Town Mill	—	Redruth	William Sara.
Treleigh River	—	Ditto	Treleigh River Co.
Wheal Peevor River	4	Ditto	John Wren.
Whitfield	—	Illogan	James Evans.
<b>OTHER STREAM WORKS AND FORESHORES.</b>			
Carbis Beach	—	—	—
Chapel Porth River	—	—	—
Clegger Porth	—	—	—
Crinnis Beach	—	St. Austell	Messrs. Stevens.
Crinnis Moor	16	Ditto	A. Pryor & Co.
East Cornwall, Darley Ford	19	Linkinhorne	East Cornwall Tin Works Co.
Godolphin Bridge	—	—	—
Knowle Tin Streams	14	Linkinhorne	John Delbridge & Co.
Lelant Stream Works	—	Lelant	William Morley.
Letcha Foreshore	—	—	—
Oakbottom	15	Linkinhorne	Oakbottom Tin Stream Co.
Perran Porth	—	Perran Porth	—
Pitmoor Stream Works	4	St. Austell	Cornish Tin Stream Co.
Porthleven Valley (Roseladdin)	2	Breage	John Tregear.
Porth Towan Beach	—	St. Agnes	J. Cowling.
Stennack and Rosewall Hill Stamps	13	St. Ives	John Date.
Spit Beach	—	—	—
Stream Works below Wheal Jane	—	—	—
Short Horn Beach	—	—	—
Tregontha Common	—	—	—
Trevaunance Beach	—	St. Agnes	M. Hitchens.
Trevellas River	—	—	—
Trevellas Beach	—	—	—
Trewithen	10	St. Austell	Trewithen Tin Streams Co.
Wheal Vor Flow	27	Helston	John Brown and Ann Old.

LIST of CHINA CLAY WORKS and OWNERS in CORNWALL and DEVONSHIRE, 1884.

Name of Work.	No. of Persons employed.	Situation.	Owner.
CORNWALL.			
Biscovellett - - - - -	7	St. Austell -	Biscovellett Clay Co.
Benallack - - - - -	—	St. Ender -	Great Western China Clay Co.
Blisland and Cardynham - - - - -	—	Lerryn -	Frank Parkyn.
Blue Barrow - - - - -	—	St. Austell -	John Lovering & Co.
Carvear - - - - -	12	St. Blazey -	Martin Brothers.
Cleaves - - - - -	—	St. Austell -	John Lovering & Co.
Carclaze - - - - -	—	Ditto -	Ditto.
Carbean - - - - -	—	Ditto -	Ditto.
Carrancarrow - - - - -	50	Ditto -	The Carrancarrow Clay Co.
Confidence and Crown Filley - - - - -	10	Roche -	Great Beam Clay Co.
Durfold, Temple - - - - -	—	-	F. Parkyn.
East, North and South Carloggas, Dubbers, Hallow, Littlejohns, Trethosa, Wheal Fortescue, Wheal Louisa.	356	St. Stephens -	West of England China Stone and Clay Co.
Fal Valley and Burthey Row - - - - -	32	St. Ender -	Fal Valley China Clay Co.
Goonbarrow - - - - -	40	St. Austell -	Martin Brothers.
Ditto West - - - - -	—	Roche -	Ditto.
Gomm - - - - -	20	St. Austell -	Ditto.
Great Halwyn - - - - -	—	St. Ender -	Great Halwyn China Clay Co.
Great Treviscoe - - - - -	—	St. Stephens -	Executors of Geo. Leeman, Esq.
Greensplat, Gunheath, South Caudledown and Stenalees.	—	St. Austell -	H. W. Higman.
Goonamarth - - - - -	4	St. Mewan -	Goonamarth Clay Co.
Hendra - - - - -	33	St. Dennis -	Hendra Clay Co.
Lansalson - - - - -	—	St. Austell -	Martin Brothers.
Littlejohns - - - - -	23	Roche -	The Littlejohns China Clay Co.
Little Treviscoe - - - - -	65	St. Stephens -	Martin Brothers.
Lower Halvigan - - - - -	37	Burngullow -	Lower Halvigan Clay Co.
Lower Ninestones - - - - -	—	St. Austell -	John Lovering & Co.
Ludgvan and Towednack - - - - -	21	Penzance -	W. K. Baker.
Ditto (Fireclay) - - - - -	—	Ditto -	Ditto.
Meledor - - - - -	—	St. Austell -	John Lovering & Co.
Methrose - - - - -	14	Luxulyan -	James Barratt.
New Cleaves - - - - -	—	St. Austell -	New Cleaves China Clay Co.
North Bonny (Idle) - - - - -	—	Ditto -	North Bonny China Clay Co.
Pentruff - - - - -	—	Ditto -	Martin Brothers.
Prideaux - - - - -	—	Ditto -	John Lovering & Co.
Rashleigh - - - - -	17	St. Blazey -	J. Knight and others.
Saint Agnes (Candle clay) - - - - -	1	St. Agnes -	St. Agnes Candle Clay Co.
Saint Day (Fireclay) - - - - -	25	St. Day -	St. Day Fire Brick and China Clay Co.
Saint Dennis - - - - -	—	St. Dennis -	Browne Brothers.
Stents - - - - -	—	St. Austell -	John Lovering & Co.
Sayath - - - - -	—	Luxulyan -	The Cornwall Trading Co., Ltd.
Tregargus - - - - -	—	St. Austell -	John Lovering.
Tregoning Hill - - - - -	12	Breage -	Tregoning Hill Clay and Brick Co.
Ditto (Fireclay) - - - - -	—	Ditto -	Ditto.
Tresowes - - - - -	4	Ditto -	Tresowes China Clay Co.
Trethowel - - - - -	4	St. Austell -	Trethowel Clay Co.
Virginia - - - - -	34	St. Stephens -	Martin Brothers.
West Goonbarrow - - - - -	18	Roche -	Ditto.
Wheal Grey - - - - -	12	Breage -	Wheal Grey Clay and Brick Co.
Wheal Jacob - - - - -	2	St. Austell -	Wheal Jacob Clay Co.
Wheal Martin - - - - -	—	Ditto -	John Lovering & Co.
DEVONSHIRE.			
Cholwicktown - - - - -	22	Cornwood -	Martin Brothers.
Hemerdon, Headon, Small Hanger - - - - -	20	-	John Olver and Sons.
Lee Moor - - - - -	151	Plympton -	Martin Brothers.
Wotter - - - - -	8	Ditto -	Ditto.

LIST of SLATE QUARRIES in CORNWALL and DEVONSHIRE.

Name of Work.	No. of Persons employed.	Situation.	Owner.
CORNWALL.			
Bangor Cornish - - - - -	25	Launceston -	Bangor Cornish Slate Quarry Co., Ltd.
Boscastle - - - - -	15	Trevalga -	Brock, Foster, & Co.
Lamb's House - - - - -	22	Tintagel -	Prebendary Kinsman.
Lanterdan - - - - -	4	Ditto -	Thos. Sweet and John Heard.
Old Delabole - - - - -	429	Camelford -	Old Delabole Slate Co.
West Delabole - - - - -	—	Tintagel -	Bishop and Nicholls.
DEVONSHIRE.			
Englebourne - - - - -	24	Harbertonford -	J. B. Paige-Browne
Mill Hill - - - - -	15	Tavistock -	Minhinnich and Brown.

## (14.) South Staffordshire District.

MR. W. B. SCOTT.

LIST OF OWNERS, MINES, and MANAGERS, under the Coal Mines Regulation Act, in SOUTH STAFFORDSHIRE and WORCESTERSHIRE, for the Year ending 31st December 1884.

Owner or Company and Postal Address.	Name of Mine or Colliery.	Where situated.	Manager.	Remarks.
COAL AND IRONSTONE.				
SOUTH STAFFORDSHIRE.				
The Aldridge Colliery Co., Aldridge, Walsall.	Aldridge -	Aldridge -	W. Blakemore -	Amended. Cannock Chase Code of Special Rules, signed May 13, 1884.
Jno. Hall & Co., Amblecote, Stourbridge.	Amblecote -	Brierley Hill -	T. Skidmore.	—
The Ashmore Park Colliery Co., Wednesfield.	Ashmore Park -	Wednesfield -	C. Jefcoat.	—
The Ash Tree Colliery Co., Old Hill, Dudley.	Ash Tree -	Old Hill -	J. R. Norris -	And ironstone.
Newey & Co., Himley, Dudley	Askew Bridge -	Dudley -	J. W. Newey -	Black Country Code of Special Rules signed February 16, 1884.
G. K. Harrison, Lye, Stourbridge.	Brettell Lane -	Brierley Hill -	W. Wiles.	—
Trotter, Haines, & Co., Stourbridge.	Ditto -	Ditto -	R. Growcott.	—
Jno. Raybould, Bromley, Brierley Hill.	Bromley -	Ditto -	-	Pumping station.
G. & J. Williams, Bentley, Walsall.	Bentley -	Walsall -	G. Williams.	—
Ben. Cox, Bentley, Walsall -	Bradford -	Ditto.	—	—
The Patent Shaft and Axletree Co., Wednesbury.	Balls Hill -	West Bromwich	J. Fereday.	—
The West Bromwich Colliery Co., West Bromwich.	Brickhouse (part) -	Ditto -	G. Taylor -	And copperas-stone.
R. Mason and Sons, Dudley -	Ditto (part) -	Ditto -	G. Taylor.	—
The Black Lake Colliery Co., West Bromwich.	Black Lake -	Ditto	T. Parton -	And copperas-stone.
W. J. Davies, Bradley, Bilston	Bradley (part) -	Bilston -	W. J. Davies.	—
Mansell & Davies, Bradley, Bilston.	Ditto (part) -	Ditto -	Ditto.	—
Hannah Davies, Bradley, Bilston.	Ditto (part) -	Ditto -	Ditto.	—
E. Whitehouse, Bradley, Bilston.	Ditto (part) -	Ditto -	Ditto.	—
C. Kitson, Bradley, Bilston -	Ditto (part) -	Ditto -	Ditto.	—
Bowen & Poulton, Bradley Lodge, Bilston.	Bradley Lodge (part)	Ditto	-	And ironstone.
H. Piggott, Bradley Lodge, Bilston.	Ditto.	Ditto.	—	—
Paton and Calley, Bradley Lodge, Bilston.	Ditto (part) -	Ditto -	-	And ironstone.
W. Bowen, Bradley Row, Bilston.	Bradley Row -	Ditto.	—	—
W. J. Hayward & Co., Brierley, Bilston.	Brierley -	Ditto -	W. J. Hayward	And ironstone.
John Roberts, Brierley, Bilston	Ditto (part) -	Ditto.	—	—
E. Wones, Woodsetton, Dudley	Bran -	Ditto	J. A. Fullwood.	—
Parkes & Co., Woodsetton, Dudley.	Ditto (part) -	Ditto.	—	—
R. Lett, Broad Lanes, Bilston -	Broad Lanes -	Ditto.	—	—
James Davies, Upper Ettingshall, Bilston.	Breen Ridding -	Ditto	E. Whitehouse.	—
David Rose and Sons, Bilston -	Broadwaters -	Ditto	W. J. Davies -	Re - opened. Black Country Code of Special Rules signed June 5, 1884.
Stephen Hale, Windmill End, Dudley.	Bullfield -	Dudley -	J. R. Norris -	And ironstone.
Jno. Raybould, Bromley, Dudley.	Bridge End -	Ditto -	R. Growcott -	Ditto.
Hyde & Co., Bird's Leasow, Dudley.	Bird's Leasow (part)	Ditto.	—	—
Stanton & Co., Bird's Leasow, Dudley.	Ditto (part) -	Ditto.	—	—
The Earl of Shrewsbury Brereton, Rugeley.	Brereton -	Rugeley -	G. C. Robinson	And ironstone. Amended Cannock Chase Code of Special Rules, signed April 30, 1884.

LIST of OWNERS, MINES, and MANAGERS, under the Coal Mines Regulation Act, in SOUTH STAFFORDSHIRE and WORCESTERSHIRE, for the Year ending 31st December 1884—cont.

Owner or Company and Postal Address.	Name of Mine or Colliery.	Where situated.	Manager.	Remarks.
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COAL AND IRONSTONE—cont.

SOUTH STAFFORDSHIRE—cont.

William Harrison, Brownhills, Walsall.	Brownhills - including the White Pit - New Brownhills Pit - Grove Pit -	Brownhills -	J. T. Williamson.	Amended Cannock Chase Code of Special Rules signed May 17 1884.
The New British Iron Co., Corngreaves, Birmingham.	Blackwagon -	Old Hill -	W. B. Keen -	And ironstone.
The Patent Shaft and Axletree Co., Wednesbury.	Bearmore -	Ditto -	Ditto -	Ditto.
Colburn and Ferry, Burnt Tree, Tipton.	Burrs -	Wednesbury -	J. Fereday -	And ironstone.
Smith and Growcott, Kingswinford, Dudley.	Burnt Tree -	Tipton -	J. Tomkins.	—
William Webb, Cooper's Bank, Dudley.	Bromley Lane -	Kingswinford -	J. Growcott.	—
Parsons and Cooper, Cradley Heath, Brierley Hill.	Cooper's Bank -	Dudley.	—	—
Hunt & Co., Cemetery, Bilston	Cradley Heath -	Cradley Heath	D. Parsons.	—
	Cemetery -	Bilston -	J. Hamilton -	Ironstone, Abandoned. Record plan of New Mine Ironstone sent to H. O. August 14, 1884.
Jones & Co., Cemetery, Bilston	Ditto -	Ditto.	—	—
Wellings and Timmins, Upper Etingshall, Bilston.	Crowsbridge (part)	Ditto.	—	—
Jas. Fellows, Upper Etingshall, Bilston.	Ditto (part)	Ditto.	—	—
Thomas Bryan, Church, Bilston	Church -	Ditto.	—	—
R. Lett, Caponfield, Bilston -	Caponfield (part) -	Ditto.	—	—
Reynolds and Challoner, Caponfield, Bilston.	Ditto (part) -	Ditto	—	—
Noah Dunn, Cotterill's Farm, Tipton.	Cotterill's Farm -	Tipton -	S. Skidmore.	—
The Earl of Dudley, Priory Offices, Dudley.	Coneygre (part) -	Ditto -	R. Latham.	—
Coppice Colliery Co., Brownhills, Walsall.	Coppice -	Brownhills -	C. Fisher -	Amended. Cannock Chase Code of Special Rules signed May 16, 1884.
Conduit Colliery Co., Brownhills, Walsall.	Conduit -	Ditto -	W. H. Whitehouse.	Amended Cannock Chase Code of Special Rules signed April 25, 1884.
The Cannock Chase Colliery Co., Brownhills, Walsall.	Cannock Chase including Nos. 2, 3, and 5 Pits -	Ditto -	A. Sopwith -	And ironstone. Amended Cannock Chase Code of Special Rules signed April 30, 1884.
Coles Farm Colliery Co., West Bromwich.	Hednesford Pits -	Hednesford	E. Phillips -	And copperas-stone.
Farley and Duce, West Bromwich.	Coles Farm -	West Bromwich	T. Parton -	And ironstone.
The Patent Shaft and Axletree Co., Wednesbury.	Cutler's End -	Ditto -	J. Harvey.	—
Bailey and Williams, Rough Hills, Wolverhampton.	Crookhay -	Ditto -	—	—
Wright and Lane, Rough Hills, Wolverhampton.	Cockshutts (part) -	Wolverhampton.	—	—
Beddoes and Davies, Wolverhampton.	Ditto (part) -	Ditto -	-	And copperas stone.
Cannock and Rugeley Colliery Co., Hednesford.	Chillington -	Ditto -	—	—
Cannock and Wimblebury Colliery Co., Hednesford.	Cannock and Rugeley including Cannock Wood - The Pool Pits -	Hednesford -	J. Williamson -	And ironstone. Amended Cannock Chase Code of Special Rules signed April 30, 1884.
	Cannock and Wimblebury.	Ditto -	W. E. Benton -	And ironstone. Amended Cannock Chase Code of Special Rules signed April 30, 1884.
Cannock and Leacroft Colliery Co., Wolverhampton.	Cannock and Leacroft.	Cannock	J. Hunter -	Amended Cannock Chase Code of Special Rules signed April 30, 1884.
Cannock Old Coppice Colliery Co., Walsall.	Cannock Old Coppice.	Wyrley -	J. Hawkins -	And ironstone. Amended Cannock Chase Code of Special Rules signed May 9, 1884.

LIST of OWNERS, MINES, and MANAGERS, under the Coal Mines Regulation Act, in SOUTH STAFFORDSHIRE and WORCESTERSHIRE, for the Year ending 31st December 1884—*cont.*

Owner or Company and Postal Address.	Name of Mine or Colliery.	Where situated.	Manager.	Remarks.
<b>COAL AND IRONSTONE—<i>cont.</i></b>				
<b>SOUTH STAFFORDSHIRE—<i>cont.</i></b>				
Cannock Lodge Colliery Co., Bloxwich, Walsall.	Cannock Lodge	Bloxwich	J. Smith	And ironstone. Amended Cannock Chase Code of Special Rules signed May 1, 1884.
Pearson & Co., Amblecote, Stourbridge.	Crown	Brierley Hill	J. Growcott.	—
Guy Brothers, Wednesbury	Crabtree	Wednesbury	W. Grove.	—
J. Kimberley, 5, Fallings Heath, Wednesbury.	Ditto (part)	Ditto.	—	—
The New British Iron Co., Corngreaves, Birmingham.	Codsall	Old Hill	W. B. Keeu.	—
H. Hunt & Co., Willenhall	Clothiers	Willenhall	J. Hamilton.	—
Executors of Edward Bowen, Clattershall, Stourbridge.	Clattershall	Brettell Lane	J. Hughes.	—
E. Barnett, Copsy Hall, Walsall	Copsy Hall	Aldridge	R. S. Davenhill	Re-opened. Amended Cannock Chase Code of Special Rules signed June 2, 1884.
H. Bird, Darlaston	Darlaston Green	Darlaston.	—	—
Jacob Chilton, Deepmore, Walsall.	Deepmore (part)	Walsall	—	And ironstone.
D. Dexter, Deepmore, Walsall	Ditto (part)	Ditto.	—	—
Buxton & Co., Deepmore, Walsall.	Ditto (part)	Ditto.	—	—
Deepmore Colliery Co., Deepmore, Walsall.	Ditto (part)	Ditto	R. Dodd.	—
Benjamin Gibbons, Junior, Dibdale, Dudley.	Dibdale	Lower Gornal	B. Gibbons, Jun.	And copperas-stone.
Hickman & Co., Lye, Stourbridge.	Delph	Brierley Hill	E. Green.	—
Jno. Hall & Co., Amblecote, Stourbridge.	Ditto	Ditto	T. Skidmore.	—
Harris and Pearson, Amblecote, W. Bickley, Bloxwich, Walsall	Ditto	Ditto	J. Growcott.	—
	Denbigh Hall	Tipton	—	Abandoned. Record plan sent to H. O. January 5, 1884. Thick and New Mine Coal.
Purslow and Preston, Heath Town, Wolverhampton.	Deans, Old	Heath Town	—	And copperas-stone.
Thomas Longmore, Doe Bank, Wednesbury.	Doe Bank	Wednesbury.	—	—
J. Cadman, Eттingshall Lodge, Wolverhampton.	Eттingshall Lodge (part).	Wolverhampton.	—	—
W. Bowen, Eттingshall Lodge, Wolverhampton.	Ditto (part)	Ditto.	—	—
J. Burrows, Eттingshall Lodge, Wolverhampton.	Ditto (part)	Ditto.	—	—
Guy and Russell, Parkfield, Wolverhampton.	Ditto (part)	Ditto.	—	—
R. Bate, Eттingshall Park, Wolverhampton.	Eттingshall Park	Ditto.	—	—
T. Bunn & Co., Eттingshall, Bilston.	Eттingshall (part)	Bilston.	—	—
Thos. Rudge, Eттingshall, Bilston.	Ditto (part)	Ditto.	—	—
Wasdell and Williams, Eттingshall, Bilston.	Ditto (part)	Ditto.	—	—
Nicholls and Flavell, Eттingshall, Bilston.	Ditto (part)	Ditto.	—	—
S. Wasdell, Eттingshall, Bilston	Ditto (part)	Ditto.	—	—
E. Rudge, Eттingshall, Bilston	Ditto (part)	Ditto.	—	—
Den. Nicholls, Eттingshall, Bilston.	Ditto (part)	Ditto.	—	—
Jno. Bayliss, Eттingshall, Bilston.	Ditto (part)	Ditto	—	And ironstone.
Jackson & Co., Eттingshall, Bilston.	Ditto (part)	Ditto.	—	—
D. Nicholls, Eттingshall, Bilston	Ditto (part)	Ditto.	—	—
Jas. Fellows, Eттingshall, Bilston.	Ditto (part)	Ditto.	—	—
R. Wyres, Eттingshall, Bilston	Ditto (part)	Ditto.	—	—
S. Bannister & Co., Deepfields, Bilston.	Ditto	Ditto	J. A. Fullwood.	—
Essington Farm Colliery Co., Bloxwich, Walsall.	Essington Farm	Bloxwich	R. S. Dodd.	—
Darlaston Coal and Iron Co., Essington, Wolverhampton.	Essington Wood	Ditto	J. Broughall	And ironstone.

LIST of OWNERS, MINES, and MANAGERS, under the Coal Mines Regulation Act, in SOUTH STAFFORDSHIRE and WORCESTERSHIRE, for the Year ending 31st December 1884—*cont.*

Owner or Company and Postal Address.	Name of Mine or Colliery.	Where situated.	Managers.	Remarks.
<b>COAL AND IRONSTONE—<i>cont.</i></b>				
<b>SOUTH STAFFORDSHIRE—<i>cont.</i></b>				
Ebenezer Colliery Co., Hill Top, West Bromwich.	Ebenezer - -	West Bromwich	T. Parton -	And ironstone.
Skidmore and Webster, Old Hill, Dudley.	Eagle - -	Old Hill -	J. Skidmore.	—
East Cannock Colliery Co., Hednesford.	East Cannock -	Hednesford -	J. Green -	Amended Cannock Chase Code of Special Rules signed April 30, 1884.
Fishley Colliery Co., Bloxwich, Walsall.	Fishley - -	Pelsall - -	G. Povey.	—
Fair Oak Colliery Co., Rugeley -	Fair Oak - -	Rugeley - -	C. Browell -	Amended Cannock Chase Code of Special Rules signed June 13, 1884. Since abandoned. Record plan of Deep and Shallow coals sent to H. O. December 1, 1884.
The New British Iron Co., Corngreaves, Birmingham.	Fly - - -	Old Hill -	W. B. Keen -	And ironstone.
The Executors of T. Checkley, Lichfield Street, Walsall.	Forest - -	Bloxwich -	C. Camwell.	—
J. W. and T. Pearson, Old Hill, Dudley.	Firtree - -	Kingswinford -	R. Growcott.	—
The Earl of Dudley, Priory Offices, Dudley.	Foxyards, including No. 6 Pit, Nos. 6 and 30 Pits.	Tipton -	J. H. Wainwright.	And ironstone. Ironstone. Coal.
W. Flavell & Co., Swan Village, Dudley.	Foxyards - -	Ditto -	- - -	Abandoned. Record plan of Thick Coal sent to H. O. February 9, 1884.
W. Punter, Swan Village, Dudley.	Ditto - -	Ditto -	- - -	And ironstone.
G. G. Wilkinson & Co., Swan Village, Dudley.	Ditto - -	Ditto.	—	—
S. Wilkinson, Swan Village, Dudley.	Ditto - -	Ditto.	—	—
Ben. Dunkey, Fullwood's End, Bilston.	Fullwood's End	Bilston.	—	—
T. Martin, Caponfield, Bilston -	Fenneywell -	Ditto -	- - -	Black Country Code of Special Rules signed July 21, 1884.
Jno. Raybould, Bromley, Dudley	Fish - - -	Dudley -	R. Growcott.	—
S. Minton & Co., Dudley	Grace Mary, New -	Ditto -	J. H. Price -	And ironstone.
Grazebrook and Aston, Princes End, Tipton.	Gospel Oak -	Tipton -	T. E. Lloyd -	And copperas-stone.
Swindell and Collis, Stourbridge	Granville - -	Old Hill -	W. B. Collis -	And ironstone.
Noah Hingley and Sons, Primrose Hill, Dudley.	Gawn - - -	Ditto -	W. Davis -	And ironstone.
Great Wyrley Colliery Co., Walsall.	Great Wyrley	Wyrley -	C. Browell -	And ironstone. Amended Cannock Chase Code of Special Rules signed April 25, 1884.
R. Mason and Sons, Dudley -	Great Bridge	Great Bridge -	J. Ritson -	And ironstone.
J. Bowen, Golds Hill, West Bromwich.	Golds Green -	Ditto -	E. Davis.	—
Higginbottom & Co., Golds Hill, West Bromwich.	Ditto - -	Ditto.	—	—
Job Edwards, Golds Hill, West Bromwich.	Golds Hill -	West Bromwich	W. Grove.	—
Thos. Price, Golds Hill, West Bromwich.	Ditto - -	Ditto -	T. Price -	And ironstone.
Jno. Carter and Sons, Golds Hill, West Bromwich.	Ditto - -	Ditto -	—	—
Corfield and Everitt, Golds Hill, West Bromwich.	Golden Orchard	Ditto.	—	—
J. Starkey, Pelsall, Walsall -	Goscott - -	Pelsall -	J. Bullen.	—
Cartwright and Millington, Wood Green, Wednesbury.	Goldcroft - -	Wednesbury.	—	—
Webster & Co., Golds Hill, West Bromwich.	Harris - - -	West Bromwich.	—	—
Hall End Colliery Co., West Bromwich.	Hall End - -	Ditto -	E. Phillips -	And copperas-stone. Abandoned as to Thick and Heathen Coal. Record plan sent to H.O. June 7, 1884.

LIST of OWNERS, MINES, and MANAGERS, under the Coal Mines Regulation Act, in SOUTH STAFFORDSHIRE and WORCESTERSHIRE, for the Year ending 31st December 1884—*cont.*

Owner or Company and Postal Address.	Name of Mine or Colliery.	Where situated.	Manager.	Remarks.
COAL AND IRONSTONE— <i>cont.</i>				
SOUTH STAFFORDSHIRE— <i>cont.</i>				
Horseley Colliery Co., Tipton -	Horseley -	Tipton -	T. Roper.	And ironstone.
Round Bros., Hange Furnaces, Tividale, Tipton.	Hange -	Ditto -	J. Dainty -	And ironstone and copperas-stone.
Francis Downing Tividale, Tipton.	Hallbridge -	Dudley Port -	J. Williams -	And ironstone.
Hilton Colliery Co., Bloxwich Walsall.	Hilton -	Bloxwich -	R. S. Dodd.	—
Gittings and Wilkinson, Harden, Walsall.	Harden -	Ditto -	J. J. Gittings.	—
Hamstead Colliery Co., Great Barr, Birmingham.	Hamstead -	Great Barr -	J. Meacham.	—
Williams & Co., Bentley, Walsall.	Hopyard -	Walsall -	Jos. Davis.	—
The Earl of Dudley, Priory Offices, Dudley.	{ Himley - including Nos. 4 and 7 Pits - Nos. 2, 4, 5, and 7 Pits. }	Dudley -	C. E. Cole -	{ And ironstone. Ironstone. Coal. }
J. H. Chevasse, Kingswinford, Dudley.	Himley (part) -	Ditto -	R. Growcott.	—
Jno. Raybould, Bromley, Dudley.	Ditto (part) -	Ditto -	J. M. Fellows.	—
R. Mills & Co., Holly Hall, Dudley.	Ditto (part) -	Ditto -	C. P. E. Griffiths.	—
Bisby & Co., Colliery Road, Wolverhampton.	Heath (part) -	Wolverhampton.	—	—
Job Kidd, Colliery Road, Wolverhampton.	Ditto (part) -	Ditto.	—	—
John Brown, Colliery Road, Wolverhampton.	Ditto (part) -	Ditto.	—	—
The Earl of Shrewsbury, Brereton, Rugeley.	Hayes -	Rugeley -	G. C. Robinson	Amended Code of Cannock Chase Special Rules signed April 30, 1884.
W. Bassano & Co., Old Hill, Dudley.	Haden Hill -	Old Hill -	T. Aston -	And ironstone.
Henry Hyde, Bilston -	Hoo Marsh -	Bilston.	—	—
Geo. Robinson, West Bromwich	Ireland Green -	West Bromwich	Geo. Robinson	—
H. Boyes James Bridge, Walsall,	James Bridge -	Walsall -	Thos. Parton.	—
H. T. Bill, James Bridge, Walsall	Ditto -	Ditto -	W. W. Evans.	—
Clemley & Jones, James Bridge, Walsall.	Ditto (part) -	Ditto.	—	—
Morgan and Marsh, Kin swinford, Dudley.	Keeling -	Kingswinford	W. H. Morgan	Re-opened. Black Country Code of Special Rules signed March 13, 1884.
J. & G. Spruce & Co., Wolverhampton.	Lanesfield -	Wolverhampton	J. Bowen.	—
J. Adams & Co., Bentley, Walsall.	Lanehead Bridge -	Willenhall -	Jos. Davis.	—
E. Smith, Brunswick Tube Works, Wednesbury.	Leabrook -	Wednesbury -	R. H. Ward -	Abandoned. Record plan of Thick Coal sent to H. O. Feb. 7, 1884.
E. & J. Lealand, Kings Hill, Wednesbury.	Lodge Holes (part) -	Ditto -	Wednesbury.	—
D. Morgan, Kings Hill, Wednesbury.	Ditto (part) -	Ditto.	—	—
J. Millington, Kings Hill, Wednesbury.	Ditto (part) -	Ditto.	—	—
J. & C. Payne, Kings Hill, Wednesbury.	Ditto (part) -	Ditto.	—	—
Durnall and Harris, Kings Hill, Wednesbury.	Ditto (part) -	Ditto.	—	—
Samuel Cadman, Kings Hill, Wednesbury.	Ditto (part) -	Ditto.	—	—
J. Hudson, Kings Hill, Wednesbury.	Ditto (part) -	Ditto.	—	—
J. Saunders, Kings Hill, Wednesbury.	Ditto (part) -	Ditto.	—	—
M. Johnson, Bankfield, Bilston	Lunts -	Bilston.	—	—
J. Skidmore, Moxley, Wednesbury.	Moorcroft, Old -	Moxley.	—	—
Buxton & Co., Moxley, Wednesbury.	Ditto (part) -	Ditto.	—	—
Hyde & Co., Moxley, Wednesbury.	Ditto (part) -	Ditto.	—	—

LIST of OWNERS, MINES, and MANAGERS, under the Coal Mines Regulation Act, in SOUTH STAFFORDSHIRE and WORCESTERSHIRE, for the Year ending 31st December 1884—cont.

Owner or Company and Postal Address.	Name of Mine or Colliery.	Where situated.	Manager.	Remarks.
COAL AND IRONSTONE—cont.				
SOUTH STAFFORDSHIRE—cont.				
The Patent Shaft and Axletree Co., Wednesbury.	Mounts - Millpool - Millfield - Monwayfield - Monway -	Wednesbury - Ditto - Ditto - Ditto - Ditto -	W. Mansell. J. Harvey - Ditto - W. Mansell. J. Ritson.	— And copperas-stone. And copperas-stone. — —
Lawrence and Collings, Wednesbury.	Monway, Old	Ditto	-	Re-opening.
E. Smith, Brunswick Tube Works, Wednesbury.	Moat	Walsall	Thos. Parton.	—
Henry Boyes, Walsall -	Millfield	Darlaston	-	Ironstone.
Cotterill & Co., Darlaston -	Moorlands	West Bromwich	Thos. Parton.	—
Moorlands Colliery Co., West Bromwich.	Mount Pleasant	Bilston.	—	—
T. Armstrong, Mount Pleasant, Bilston.	Millfield	Ditto.	—	—
Reynolds and Challoner, Millfield, Bilston.	Moseley	Ditto	-	Re-opened. Black Country Code of Special Rules, signed December 24, 1884.
James Kirk & Co., Bunker's Hill, Bilston.	Moseley Hole	Wolverhampton.	—	—
Jos. Bould, Moseley Hole, Wolverhampton.	New Cross (part)	Wednesfield.	—	—
Nash & Co., New Cross, Wednesfield.	Ditto	Ditto	J. A. Fullwood.	—
Southam Brothers, New Cross, Wednesfield.	Neachill's Bridge	Ditto.	—	—
J. P. Jones, Neachill's Bridge, Wednesfield.	Norton Cannock	Bloxwich	L. Ridsdale	And ironstone. Amended Cannock Chase Code of Special Rules signed April 30, 1884.
Norton Cannock Colliery Co., Bloxwich, Walsall.	Old Park, including Nos. 51 and 56 Pits. No. 58 Pit - Oak Farm -	Dudley Ditto Ditto	C. E. Cole - R. Growcott. J. Jones.	And ironstone. Ironstone. Coal.
The Earl of Dudley, Priory Offices, Dudley.	Old Hill	Old Hill	W. Davis	And ironstone.
Jno. Walker, Kingswinford, Dudley.	Ocker Hill	Tipton	W. Clarke	And ironstone and copperas-stone.
Jabez Jones, Kingswinford, Dudley.	Ditto	Ditto.	—	—
Noah Hingley and Sons, Primrose Hill, Dudley.	Old Level	Brierley Hill	J. Williams.	—
Addenbrooke & Co., Leabrook, Wednesbury.	Old End	Bilston.	—	—
J. Bayley and Sons, Ocker Hill, Tipton.	Osier Bed	Willenhall.	—	—
Henry Hall, Brierley Hill - Smout and Porter, Old End, Bilston.	Perry Hall	Wednesfield	W. Blakemore.	—
Jno. Page & Co., Osier Bed, Wolverhampton.	Parkfield	Wolverhampton.	—	—
Perry Hall Colliery Co., Wednesfield, Wolverhampton.	Ditto	Ditto	Ditto.	—
Thos. Herrington, Parkfield, Wolverhampton.	Pool Hayes	Willenhall	B. Callear	And ironstone.
Hodgitts & Co., Parkfield, Wolverhampton.	Priestfields, New	Ditto	W. J. Parton.	—
W. Bickley, Willenhall, Wolverhampton.	Ditto (part)	Ditto	Ditto.	—
W. Ward and Sons, Priestfields, Wolverhampton.	Ditto (part)	Ditto.	—	—
Geo. Ratcliffe, Priestfields, Wolverhampton.	Pelsall Hall	Pelsall	J. Bullen.	—
D. Bickley, Willenhall -	Pelsall	Ditto	J. Hough	Amended Cannock Chase Code of Special Rules signed April 26, 1884.
Jno. Starkey, Pelsall, Walsall -	Ditto (New)	Ditto	J. J. Gittings.	—
Pelsall Coal and Iron Co., Pelsall, Walsall.	Park Lane	Tipton.	—	—
Wilkinson and Gittings, Pelsall, Walsall.	Ditto (part)	Ditto	-	Abandoned. Record plan sent to H.O. of Thick Coal August 28, 1884.
F. J. Colburn, Park Lane, Tipton.				
Russell and Nicholls, Park Lane, Tipton.				

LIST of OWNERS, MINES, and MANAGERS, under the Coal Mines Regulation Act, in SOUTH STAFFORDSHIRE and WORCESTERSHIRE, for the Year ending 31st December 1884—*cont.*

Owner or Company and Postal Address.	Name of Mine or Colliery.	Where situated.	Manager.	Remarks.
COAL AND IRONSTONE— <i>cont.</i>				
SOUTH STAFFORDSHIRE— <i>cont.</i>				
Timmins and Wellings, Priorfield, Bilston.	Priorfield -	Bilston -	-	And ironstone.
G. Forster, Coseley, Bilston -	Paddock -	Ditto -	-	Re-opened. Black Country Code of Special Rules signed June 5, 1884. Since closed.
Jas. Barker, Priestfields, Bilston	Priestfields -	Ditto.	---	---
Cole and Harris, Priestfields, Bilston.	Ditto -	Ditto.	---	---
J. S. Martin, Mount Pleasant, Bilston.	Peacroft -	Ditto -	-	Abandoned. Record plan of Heathen Coal sent to H.O. June 7, 1884.
W. Tomlinson, Pemberton, Bilston.	Pemberton (part) -	Bilston -	-	And ironstone.
T. Caswell, Pemberton, Bilson -	Ditto (part) -	Ditto.	---	---
Jno. Howell, Rookery, Bilston -	Rookery -	Ditto.	---	---
Riddings, Colliery Co., Old Hill, Dudley.	Riddings -	Old Hill -	J. Skidmore -	And ironstone.
Roughwood Colliery Co., Bentley, Walsall.	Roughwood -	Walsall -	J. Lindop.	---
Jno. Dutton, Reeves Wood, Walsall.	Reeves Wood -	Ditto.	---	---
Rose and Yates, Rough Hay, Darlaston.	Rough Hay -	Darlaston.	---	---
The Earl of Dudley, Priory Offices, Dudley.	Ramrod Hall -	Oldbury -	R. Latham.	---
Rowley Hall Colliery Co., Oldbury.	Rowley Hall -	Ditto -	J. Simpson.	---
The Earl of Dudley, Priory Offices, Dudley.	{ Rounds Hill including Nos. 5 and 7 Pits -	{ Tipton -	J. H. Wainwright.	{ And ironstone.
Jones and Phipps, Church Lane, West Bromwich.	{ Nos. 5 and 7 Pits -	{ West Bromwich	J. Ritson -	{ Coal. Ironstone. Abandoned. Record plan sent to H.O., Thick Coal, May 6, 1884.
J. Bough, Rough Hills, Wolverhampton.	Rough Hills -	Wolverhampton.	---	---
Cooper and Fenn, Rough Hills, Wolverhampton.	Ditto (part) -	Ditto.	---	---
D. Bickley, Willenhall, Wolverhampton.	Summerford -	Willenhall -	D. Bickley -	Black Country Code of Special Rules signed December 9, 1884.
J. Robins, St. Ann's Road, Willenhall, Wolverhampton.	Springbank -	Ditto -	Ditto.	---
W. Foster & Co., Shortheath, Wolverhampton.	Springbank (part) -	Ditto.	---	---
Moses Johnson, Willenhall, Wolverhampton.	Shortheath -	Ditto -	J. Tomson.	---
J. Bradley & Co., Shutt End, Dudley.	Sand Bed -	Ditto.	---	---
Cochrane & Co., Woodside, Dudley.	Shutt End -	Kingswinford -	D. Rogers -	And ironstone.
Himley Firebrick Co., Oak Farm, Dudley.	Shutt End New -	Ditto -	T. Oakes -	Ditto.
Hickman and Greenaway, Oak Farm, Dudley.	Stourbridge Extension.	Ditto -	T. Brettell.	---
J. and T. Williams, Spring Vale, Bilston.	Ditto (part) -	Ditto -	-	And ironstone.
Jno. Bryan, Spring Vale, Bilston.	Spring Vale -	Bilston -	T. Williams.	---
H. Harris & Co., Spring Vale, Bilston.	Ditto (part) -	Ditto.	---	---
G. Cockayne, Quarry, Bilston -	Ditto (part) -	Ditto.	---	---
The Earl of Dudley, Priory Offices, Dudley.	Standiford Meadow	Ditto.	---	---
Springfield Colliery Co., Hailstone, Dudley.	Saltwells (No. 24 Pit).	Dudley -	J. Skidmore -	And ironstone.
Glaze & Co., Lower Gornal, Dudley.	Springfield -	Ditto -	D. Mason.	---
Eli Bradley, Lower Gornal, Dudley.	Straits -	Lower Gornal.	J. W. Newey.	---
D. Skidmore & Co., Swan, West Bromwich.	Swan -	Ditto.	---	---
	Ditto -	West Bromwich	J. R. Norris.	---

LIST of OWNERS, MINES, and MANAGERS, under the Coal Mines Regulation Act, in SOUTH STAFFORDSHIRE, and WORCESTERSHIRE, for the Year ending 31st December 1884—cont.

Owner or Company and Postal Address.	Name of Mine or Colliery.	Where situated.	Manager.	Remarks.
<b>COAL AND IRONSTONE—cont.</b>				
<b>SOUTH STAFFORDSHIRE—cont.</b>				
Sandwell Park Colliery Co., West Bromwich.	Sandwell Park	West Bromwich	T. H. Lloyd.	—
Jones and Withers, West Bromwich.	South Staffordshire	Ditto	- - -	Abandoned. Record plan of New Mine and Thick Coal sent to H. O. November 1, 1884.
Jas. Hough, Wolverhampton Street, Bloxwich, Walsall.	Sandbed	Bloxwich	—	—
Powis and Johnson, Sedgley Park, Wolverhampton.	Sedgley Park	Wolverhampton.	—	—
Cartwright and Aston, Stow Heath, Wolverhampton.	Stow Heath	Ditto.	—	—
S. Nicholls, Tipton Moat, Tipton	Tipton Moat	Tipton.	—	—
Kinsey and Alcock, Tipton Moat, Tipton.	Ditto (part)	Ditto.	—	—
E. and J. T. Whitehouse, Tipton Moat, Tipton.	{ Ditto (part)	{ Ditto	J. Taft.	—
Hartill and Calloway, Tipton Moat, Tipton.	{ Hope Pit	{ Ditto	- - -	Abandoned. Record Plan of Brooch and Thick Coal sent to H. O. August 26, 1884.
	{ Ditto (part)	{ Ditto	- - -	—
Tividale Hall Colliery Co., Tividale, Tipton.	Tividale Hall	Tipton	J. R. Norris.	—
Russell Bros., Tividale, Tipton	Ditto	Ditto	J. Shorthouse	And copperas-stone.
Tibbington Colliery Co., Princes End, Tipton.	Tibbington	Ditto	T. Roper.	—
Baker and Matthews, Tividale, Tipton.	Tividale, New	Ditto	J. Hackett.	—
Woodall & Co., Tansey Green, Dudley.	Tansey Green	Dudley	J. Newey	Abandoned. Record Plan with those of Barrow Hill Coppice and Cooper's Bank sent to H. O. February 25, 1884; Brooch, Thick Coal, and Whitestone.
Now British Iron Co., Corngreaves, Birmingham.	Timbertree	Cradley Heath	W. B. Keen	And ironstone.
Tantany Colliery Co., West Bromwich.	Tantany	West Bromwich	J. Hackett.	—
Harris and Pearson, Amblecote, Stourbridge.	Turners Lane	Brierley Hill	J. Growcott.	—
Harvey and Fithern, Upper Gornal, Dudley.	Upper Gornal	Dudley.	—	—
Cartwright & Co., Upper Gornal, Dudley.	Ditto	Ditto	T. Harris.	—
Jno. Waterfield, Upper Gornal, Dudley.	Ditto	Ditto	J. Waterfield.	—
Victoria Colliery Co., Tividale, Tipton.	Victoria	Tipton	J. H. Price	And ironstone.
Victoria Colliery Co., Aldridge, Walsall.	Ditto	Aldridge	J. Cooke.	—
Walsall Wood Colliery Co., Walsall.	Walsall Wood	Walsall	H. C. Peake	And ironstone. Amended Cannock Chase Code of Special Rules signed May 13, 1884.
Paton, Onions, & Colley, Wallbutts, Bilston.	Wallbutts	Bilston	W. Grove.	—
Phillip Williams & Sons, Wednesbury Oak, Tipton.	Wednesbury Oak	Tipton	F. Peacock	And ironstone.
Job Edwards, Wednesbury	Wood Green	Wednesbury.	—	—
Jones and Phipps, Church Lane, West Bromwich.	White's Farm	West Bromwich	J. Ritson.	—
H. H. Partridge, Hall End, West Bromwich.	Wednesbury New Farm.	Ditto	T. Parton.	—
Farley & Duce, West Bromwich	Whyley	Ditto	Ditto	And ironstone.
Arnold & Co., Rough Hills, Wolverhampton.	Wolverhampton	Wolverhampton.	—	—
The Earl of Dudley, Priory Offices, Dudley.	{ Wallows - Including Nos. 5, 25, 29, 30, and 31 Pits. Nos. 25 and 31 Pits }	Brierley Hill	J. Skidmore	{ And ironstone. Coal. Ironstone.
S. Garratt and Son, Queen's Cross, Dudley.	Wallows	Ditto	T. Green.	—

LIST of OWNERS, MINES, and MANAGERS, under the Coal Mines Regulation Act, in SOUTH STAFFORDSHIRE and WORCESTERSHIRE, for the Year ending 31st. December 1884—*cont.*

Owner or Company and Postal Address.	Name of Mine or Colliery.	Where situated.	Manager.	Remarks.
<b>COAL AND IRONSTONE—<i>cont.</i></b>				
<b>SOUTH STAFFORDSHIRE—<i>cont.</i></b>				
The Earl of Dudley, Priory Offices, Dudley.	Warrens Hall	Rowley Regis	R. Latham.	—
West Cannock Colliery Co., Hednesford.	{ West Cannock, including Nos. 1, 2, and 4 Pits. }	Hednesford	S. B. Gilroy	Amended. Cannock Chase Code of Special Rules signed April 30, 1884.
G. and R. Thomas, Hatherton, Walsall.	Wood Farm	Bloxwich	G. Povey	And ironstone.
G. Rowley, Bloxwich, Walsall - Ben. Brookshaw, Willenhall, Wolverhampton.	Woodhall - Willenhall -	Ditto - Willenhall -	J. W. Baker. R. H. Ward	Black Country Code of Special Rules signed April 25, 1884.
Thos. Quilt, Willenhall, Wolverhampton.	Willenhall Road	Ditto.	—	—
Skidmore and Skelding, Waterfall Lane, Old Hill.	Waterfall Lane	Old Hill	Jer. Skidmore.	—
Mines Drainage Commissioners, Wolverhampton.	Ditto	Ditto	- - -	Pumping station.
Cochrane & Co., Woodside, Dudley.	Yew Tree	Rowley Regis	T. Oakes	And ironstone.
T. Johnson, Yew Tree, Bilston	Ditto	Bilston.	—	—
<b>WORCESTERSHIRE.</b>				
W. Norwood, Abberley, Stourport.	Abberley	Stourport.	—	—
Alston Colliery Co., Oldbury	Alston	Oldbury	J. Ritson	Abandoned. Record plans of Brooch, Thick, Heathen, and 2 feet coals sent to H.O. July 4, 1884.
Mobberley and Clulee, Blowers Green, Dudley.	Blowers Green	Dudley	J. Foley.	—
Skelding and Aston, Blowers Green, Dudley.	Ditto	Ditto	T. Green	And ironstone.
J. Marsh, Old Buffery, Dudley	Buffery, Old (part)	Ditto	J. R. Norris.	—
F. Bradley, Old Buffery, Dudley	Ditto (part)	Ditto	Ditto.	—
Barker & Co., Old Buffery, Dudley.	Ditto (part)	Ditto	Ditto.	—
B. Martin & Co., Old Buffery, Dudley.	Ditto (part)	Ditto	Ditto.	—
Thos. Aston, Mamble, Bewdley	Buckets Leasow	Bewdley.	—	—
J. Cook, Bayton, Bewdley	Bayton	Ditto.	—	—
Jenkins Bros., Bayton, Bewdley	Ditto	Ditto.	—	—
Cakemore Colliery Co., Blackheath, Dudley.	Cakemore	Oldbury	J. Plant.	—
Jos. King & Co., Netherend, Stourbridge.	Cradley Park	Cradley	G. Percival.	—
Jos. King & Co., Netherend, Stourbridge.	Cradley	Ditto	Ditto	And ironstone.
The Earl of Dudley, Priory Offices, Dudley.	Coneygre (part)	Tipton	R. Latham	And copperas-stone.
Noah Hingley and Sons, Primrose Hill, Dudley.	Dudley Wood	Netherton	W. Davis	And ironstone.
Harper and Moores, Lower Delph, Stourbridge.	Delph, Lower	Cradley	R. Growcott.	—
G. Powell, Swan Village, Dudley.	Dock	Dudley.	—	—
Jno. Powell, Woodsetton, Dudley	Dock, New	Ditto.	—	—
W. Davies, Gybhouse, Bewdley	Gybhouse	Bewdley.	—	—
Rufford & Co., Stourbridge	Hungary Hill	Stourbridge	J. Gauden.	—
Fisher & Co., Hayes, Stourbridge.	Hayes	Ditto	R. Growcott.	—
Timmis Bros., Hills Field, Stourbridge.	Hills Field	Ditto	G. H. Timmis.	—
S. Garratt and Son, Queen's Cross, Dudley.	Himley	Dudley	T. Green.	—
S. Evers and Sons, Cradley, Brierley Hill.	Homer Hill	Cradley	W. B. Collis.	—
The New British Iron Co., Corngreaves, Birmingham.	Hawne, New	Halesowen	W. B. Keen.	—
Hickman & Co., Lye, Stourbridge.	Lye	Lye	E. Green.	—
G. K. Harrison, Lye, Stourbridge.	Lunts	Ditto	W. Wiles	And ironstone.
Thos. Aston, Mamble, Bewdley	Mamble	Mamble.	—	—
J. and G. Dunn, Netherton, Dudley.	Manor	Halesowen	G. H. Dunn.	—

LIST of OWNERS, MINES, and MANAGERS, under the Coal Mines Regulation Act, in SOUTH STAFFORDSHIRE and WORCESTERSHIRE, for the Year ending 31st December 1884—cont.

Owner or Company and Postal Address.	Name of Mine or Colliery.	Where situated.	Managers.	Remarks.
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COAL AND IRONSTONE—cont.

WORCESTERSHIRE—cont.

G. Powell, Swan Village, Dudley	Netherton Station -	Dudley.	—	—
M. and W. Glazebrook, Netherton, Dudley.	Netherton, Old -	Ditto	T. E. Lloyd	And ironstone.
Moses Gill, Netherton, Dudley	Ditto (part) -	Ditto	T. E. Lloyd.	—
J. and G. Dunn, Netherton, Dudley.	Netherton -	Ditto	G. H. Dunn.	—
Newbury Lane Colliery Co., Oldbury.	Newbury Lane -	Oldbury	J. W. Growcott	And ironstone.
Jas. King & Co., Netherend, Stourbridge.	Netherend -	Stourbridge	G. Percival.	—
Executors of C. Skelding, Netherend, Stourbridge.	Netherend, New -	Netherend	J. Skidmore.	—
R. Mills & Co., Holly Hall, Dudley.	Old Park -	Dudley.	—	—
S. Garratt and Sons, Queen's Cross, Dudley.	Ditto -	Ditto	T. Green.	—
H. Hall, Brierley Hill, Dudley	Old Level -	Brierley Hill	J. Williams	And ironstone.
Fisher & Co., Hayes, Stourbridge.	Oldnall -	Lye	R. Growcott.	—
W. Bickley, The Rock, Bewdley	Old Hall -	Bewdley	W. Bickley, Jun.	—
Dudley Colliery Co., Dudley	Prince of Wales -	Dudley	E. Alderson	And ironstone.
James Hardcastle, Abberley, Stourport.	Pool House -	Stourport.	—	—
Rowley Station Colliery Co., Rowley Regis.	Rowley Station -	Rowley Regis	E. Clarke.	—
R. Wilkes, Red Hill, Dudley	Red Hill -	Dudley	G. Taylor.	—
Dudley Colliery Co., Dudley	Springfield -	Ditto	E. Alderson.	—
The Earl of Dudley, Priory Offices, Dudley	{ Saltwells, including Nos. 22, 23, 24, 26, 27, 30, and 31 Pits.	Ditto -	J. Skidmore	{ And ironstone. Coal.
	{ Nos. 19, 21, 22, 24, 26, and 28 Pits.			{ Ironstone.
Mansell and Davies, Newbury Lane, Oldbury.	Samson -	Oldbury	J. H. Price	And ironstone.
Parkes and Jones, Langley Green, Oldbury.	Speedwell -	Ditto	E. Davis.	—
Jno. Carlyle, Tansley Hill, Dudley.	Tansley Hill -	Dudley	R. Latham.	—
J. and G. Dunn, Netherton, Dudley.	Withymore -	Ditto	G. H. Dunn	Abandoned. Record plan of Thick Coal sent to H. O. September 9, 1884.
Withymore Colliery Co., Windmill End, Dudley.	Withymore, New -	Ditto	D. Parsons	And ironstone. Re-opened. Black Country Code of Special Rules signed April 1, 1884.
Cochrane & Co., Woodside, Dudley.	Woodside -	Ditto	T. Oakes	And ironstone.
Witley Colliery Co., Halesowen.	Witley -	Halesowen	J. Forrest.	—
The Earl of Dudley, Priory Offices, Dudley.	Wallows (No. 36 Pit).	Brierley Hill	J. Skidmore.	—

FIRECLAY MINES.

SOUTH STAFFORDSHIRE.

Jno. Hall & Co., Amblecote, Stourbridge.	Amblecote -	Stourbridge	T. Skidmore.	—
Harris and Pearson, Amblecote, Stourbridge.	Ditto -	Ditto	J. Growcott.	—
G. and D. Thorneycroft, Bradley, Bilston.	Bradley -	Bilston	W. J. Davies.	—
Trotter, Haines, & Co., Brettell Lane, Stourbridge.	Brettell Lane -	Brierley Hill	R. Growcott.	—
G. K. Harrison, Lye, Stourbridge.	Ditto -	Ditto	W. Wiles.	—
Edward Bowen, Clattershall, Stourbridge.	Clattershall -	Brierley Hill	J. Hughes.	—
Pearson & Co., Amblecote, Stourbridge.	Crown -	Ditto	J. Growcott.	—
Timmins and Wellings, Crowsbridge, Bilston.	Crowsbridge -	Bilston.	—	—
Hickman & Co., Lye, Stourbridge.	Delph -	Brierley Hill	E. Green.	—
Harris and Pearson, Amblecote, Stourbridge.	Ditto -	Ditto	J. Growcott.	—

LIST of OWNERS, MINES, and MANAGERS, under the Coal Mines Regulation Act, in SOUTH STAFFORDSHIRE and WORCESTERSHIRE, for the Year ending 31st December 1884—*cont.*

Name or Company and Postal Address.	Name of Mine or Colliery.	Where situated.	Manager.	Remarks.
<b>FIRECLAY MINES—<i>cont.</i></b>				
<b>SOUTH STAFFORDSHIRE—<i>cont.</i></b>				
Ben. Gibbons, Jun., Dibdale, Dudley.	Dibdale -	Dudley -	B. Gibbons, Jun.	—
T. Bunn, Etingshall, Bilston -	Etingshall (part) -	Bilston.	—	—
D. Nicholls, Etingshall, Bilston	Ditto (part) -	Ditto.	—	—
Nicholls & Co., Etingshall, Bilston.	Ditto (part) -	Ditto.	—	—
Wasdell and Williams, Etingshall, Bilston.	Ditto (part) -	Ditto.	—	—
B. Nicholls, Etingshall, Bilston	Ditto (part) -	Ditto.	—	—
The Trustees of R. Homer, Freehold, Stourbridge.	Freehold -	Brierley Hill -	R. Deeley.	—
G. G. Wilkinson & Co., Foxyards, Dudley.	Foxyards -	Tipton -	J. H. Wainwright.	—
John Carter, Golds Hill, West Bromwich.	Golds Hill -	West Bromwich.	—	—
John Cook, Golds Hill, West Bromwich.	Ditto -	Ditto.	—	—
Jno. Hall & Co., Amblecote, Stourbridge.	Moor Lane -	Brierley Hill -	T. Skidmore.	—
Mobberley and Perry, Woodside, Dudley.	Merry Hill -	Ditto.	—	—
Jno. Walker, Oak Farm, Dudley.	Oak Farm -	Kingswinford -	R. Growcott.	—
W. Tomlinson, Pemberton, Bilston.	Pemberton -	Bilston.	—	—
Himley Firebrick Co., Oak Farm, Dudley.	Stourbridge Extension.	Kingswinford -	T. Brettell.	—
The Earl of Dudley, Priory Offices, Dudley.	Thorns -	Brierley Hill -	J. Skidmore.	—
Mobberley and Bayley, Thorns, Brierley Hill.	Ditto -	Ditto -	T. H. Lloyd -	Abandoned. Record plan sent to H. O., April 2, 1884.
Harper and Moores, Lower Delph, Stourbridge.	Ditto -	Ditto -	R. Growcott.	—
New British Iron Co., Congreaves, Birmingham.	Timbertree -	Old Hill -	W. B. Keen.	—
Cartwright & Co., Upper Gornal, Dudley.	Upper Gornal -	Dudley -	T. Harris.	—
J. Waterfield, Upper Gornal, Dudley.	Ditto -	Ditto -	J. Waterfield.	—
<b>WORCESTERSHIRE.</b>				
Mobberley and Olulee, Blowers Green, Dudley.	Blowers Green -	Dudley -	J. Foley.	—
Jas. King & Co., Netherend, Stourbridge.	Cradley -	Cradley -	G. Percival.	—
The Earl of Dudley, Priory Offices, Dudley.	Coneygre -	Dudley -	R. Latham.	—
Harper and Moores, Lower Delph, Stourbridge.	Delph Lower -	Brierley Hill -	R. Growcott.	—
Fisher & Co., Hayes, Stourbridge.	Hayes -	Cradley -	Ditto.	—
Rufford & Co., Hungary Hill, Stourbridge.	Hungary Hill -	Stourbridge -	J. Gauden.	—
Timmis Bros., Hills Field, Stourbridge.	Hills Field -	Lye -	G. H. Timmis.	—
Thos. Rhodes, Lye, Stourbridge	Lye Cross -	Ditto -	J. Gauden -	Black Country Code of Special Rules signed April 10, 1884. Re-opened.
Hickman & Co., Lye, Stourbridge.	Lye -	Ditto -	E. Green.	—
G. K. Harrison, Lye, Stourbridge.	Ditto -	Ditto -	W. Wiles -	Re-opened. Black Country Code of Special Rules signed April 30, 1884.
G. K. Harrison, Lye, Stourbridge.	Lunts -	Ditto -	Ditto.	—
G. K. Harrison, Lye, Stourbridge.	Netherend -	Cradley -	Ditto -	Abandoned. Record plan sent to H. O. March 1, 1884.
James King & Co., Netherend, Stourbridge.	Ditto -	Ditto -	G. Percival.	—
King Bros., Netherend, Stourbridge.	Shepherd's Brook -	Lye -	R. Growcott.	—

LIST of OWNERS of MINES under the Metalliferous Mines Regulation Act, in SOUTH STAFFORDSHIRE and in WORCESTERSHIRE, for the Year ending 31st December 1884.

Owner or Company and Postal Address.	Name of Mine or Colliery.	Where situated.	Manager.	Remarks.
<b>SILURIAN LIMESTONE.</b>				
<b>SOUTH STAFFORDSHIRE.</b>				
T. Matthews, Birchills, Walsall Daw End Lime Co., Daw End, Walsall.	Birchills - - Daw End - -	Walsall. Ditto.	— —	— —
E. Crapper & Co., Hatherton, Walsall.	{ Hatherton - - Portland Street - - }	Ditto.	—	—
Jno. Brown, Daw End, Walsall	Phoenix - -	Ditto.	—	—
Earl of Dudley, Priory Offices, Dudley	{ Wren's Nest, East Ditto, West - - }	Dudley	J. Cole.	—
<b>WORCESTERSHIRE.</b>				
The Earl of Dudley, Priory Offices, Dudley	{ Castle Mill - - Castle Fields - - East Castle - - }	Dudley	J. Cole.	—

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