

Bind covers in place.

MEMOIRS
OF THE
GEOLOGICAL SURVEY
OF
GREAT BRITAIN,

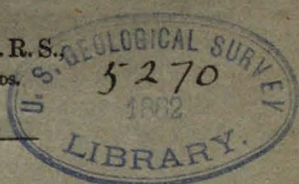
*3186
6891
Survey*

AND OF THE
MUSEUM OF PRACTICAL GEOLOGY.

MINING RECORDS.

MINERAL STATISTICS OF THE UNITED KINGDOM OF GREAT
BRITAIN AND IRELAND FOR THE YEAR 1855.

BY
ROBERT HUNT, F.R.S.
KEEPER OF MINING RECORDS.



PUBLISHED BY ORDER OF THE LORDS COMMISSIONERS OF
HER MAJESTY'S TREASURY.

LONDON:
PRINTED FOR HER MAJESTY'S STATIONERY OFFICE.
PUBLISHED BY
LONGMAN, BROWN, GREEN, AND LONGMANS.

1856.

SCHOOL OF SCIENCE

APPLIED TO

MINING AND THE ARTS.

NOTICE.

The CHEMICAL AND METALLURGICAL LABORATORIES will be opened for the Students on Wednesday the 1st of October 1856.

The LECTURES are arranged as follows:

90	Lectures on Chemistry	-	by A. W. HOFMANN, Ph. D., F.R.S.	commencing 6th Oct. 1856.
48	" Physics	-	G. G. STOKES, M.A., F.R.S.	" 6th " "
50	" Metallurgy	-	J. PERCY, M.D., F.R.S.	" 13th " "
60	" Mining	- }	W. W. SMYTH, M.A.	" 3rd Nov. "
40	" Mineralogy	- }		" 17th Feb. 1857.
30	" Geology	-	A. C. RAMSAY, F.R.S.	" 17th "
50	" Natural History	-	T. H. HUXLEY, F.R.S.	" 19th " "
36	" Applied Mechanics	-	R. WILLIS, M.A., F.R.S.	" 19th " "

A Prospectus and Information may be obtained on application to Trenham Reeks, Registrar, Jermyn Street, London.

402(510)
G79m

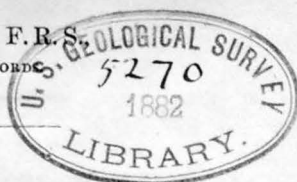
105(28 v)

MEMOIRS
OF THE
GEOLOGICAL SURVEY
OF
GREAT BRITAIN,
AND OF THE
MUSEUM OF PRACTICAL GEOLOGY.

MINING RECORDS.

MINERAL STATISTICS OF THE UNITED KINGDOM OF GREAT
BRITAIN AND IRELAND FOR THE YEAR 1855.

BY
ROBERT HUNT, F.R.S.
KEEPER OF MINING RECORDS.



PUBLISHED BY ORDER OF THE LORDS COMMISSIONERS OF
HER MAJESTY'S TREASURY.

LONDON:
PRINTED FOR HER MAJESTY'S STATIONERY OFFICE.
PUBLISHED BY
LONGMAN, BROWN, GREEN, AND LONGMANS.

✓
1856.

REVIEWS

GEOLOGICAL SURVEY

DEPT. OF AGRICULTURE

WATER RESOURCES

REPORT OF THE

COMMISSIONER

OF THE

GEOLOGICAL SURVEY

OF THE

DEPARTMENT OF AGRICULTURE

WASHINGTON, D. C.

MINERAL STATISTICS

OF

THE UNITED KINGDOM,

for 1855.

BY

ROBERT HUNT, F.R.S.,

KEEPER OF MINING RECORDS.

NOTICE

MINERAL STATISTICS

THE UNITED KINGDOM

for 1835

ROBERT FOUNTAIN

NOTICE.

IN issuing the accompanying Mineral Statistics for 1855, it is essential to call attention to the information procured through the labours of Mr. Hunt, the Keeper of the Mining Records, during the last two years; great additions to all our previous knowledge having been made in that period.

The preceding Report announced the production of upwards of sixty-four millions of Tons of Coal, which is eight millions more than was elaborated in any previous computation.

In this volume, in addition to the report of the former year relating to Coal, Iron, Copper, Lead, Silver, and Tin, more accurate Returns have been furnished of Zinc, Salt, Sulphur, Porcelain Clay, Building Stones, &c.

A striking proof of the practical value of this inquiry into the total produce of the British Mines has recently been offered in the Return published by order of the House of Commons. It may be here observed, that if there had not existed a Mining Record Office, such information would have cost the country much expenditure, and could not have approached to the accuracy of the present results, which have only been reached through long practice and continuous exertion.

RODERICK I. MURCHISON.

July 1856.

NOTICE

The undersigned, *James M. Smith*, of the County of *Jefferson*, State of *Missouri*, do hereby certify that the within and foregoing is a true and correct copy of the original as the same appears in the records of the County of *Jefferson*, State of *Missouri*, and that the same is a true and correct copy of the original as the same appears in the records of the County of *Jefferson*, State of *Missouri*.

In testimony whereof, I have hereunto set my hand and the seal of the County of *Jefferson*, State of *Missouri*, at the City of *St. Louis*, this *10th* day of *April*, 18*80*.

James M. Smith
County Clerk of *Jefferson*, Missouri.

A further copy of the within and foregoing is hereby certified to be a true and correct copy of the original as the same appears in the records of the County of *Jefferson*, State of *Missouri*, and that the same is a true and correct copy of the original as the same appears in the records of the County of *Jefferson*, State of *Missouri*.

In testimony whereof, I have hereunto set my hand and the seal of the County of *Jefferson*, State of *Missouri*, at the City of *St. Louis*, this *10th* day of *April*, 18*80*.

CONTENTS.

	Page
TIN. Ore raised in Cornwall and Devonshire	1
Principal Mines in Devonshire	6
Tin Mines belonging to the Duchy of Cornwall	6
Imports and exports of Tin	7
COPPER. Ore and Copper produced in Cornwall	9
Do. do. Devonshire	13
Summary of purchases in Cornwall	14
Ore and Copper, British and Foreign, sold at Swansea	15
Summary of purchases at Swansea	18
Mines selling by private contract	19
Summary of private contract purchases	19
Imports and exports of Copper	20
LEAD AND SILVER. Lead Ore, Lead, and Silver raised in the United Kingdom	22
Foreign Silver Ore sold at Liverpool and Swansea	22
Lead Ore, Lead, and Silver produced in England	23
Do. do. do. Wales	29
Do. do. do. Isle of Man	32
Do. do. do. Scotland	32
Do. do. do. Ireland	33
Summary of Lead and Silver produce	33
Imports and exports of Lead	34
IRON. Iron Ore raised in United Kingdom	36
Iron Manufacture. Pig Iron made in England	38
Do. do. Wales	49
Do. do. Scotland	53
Blast Furnaces in Great Britain	55
Summary of Iron produce	56
Exports and imports	56
COALS. Collieries of the United Kingdom	60
Coal, produce of England and its distribution	63
Do. do. of Wales and its distribution	84
Do. do. of Scotland and its distribution	88
Do. do. of Ireland	90
Summary of Coal produce	90
Exports and imports of Coals, Coke, and Patent Fuel	91
London Importation	93

	Page
ZINC. Produce of British Mines - - - - -	95
Exports and imports - - - - -	95
SALT. Produce of the United Kingdom - - - - -	96
SULPHUR. Sulphur Ores of the United Kingdom - - - - -	97
ARSENIC. Produce of Arsenical Ores - - - - -	97
NICKEL AND COBALT - - - - -	97
CLAYS. Porcelain Clays of Cornwall and Devonshire - - - - -	98
Clay exported from Poole - - - - -	100
STONES. Principal Building Stones, Slates, &c. - - - - -	102
SUNDRIES - - - - -	112
APPENDIX - - - - -	113

INTRODUCTION.

IN the Introduction to the MINERAL STATISTICS of 1853 and 1854 the principal sources through which information had been obtained for the Mining Record Office were distinctly stated. These were made available for the present returns, and during the year no effort has been spared to secure the most exact statistics on every point of interest connected with our mineral industries.

The detailed produce of Tin is now published from the returns made to the Stannary Court of Cornwall; but, in addition, the annual produce is given from computations furnished by some of the largest smelters of this ore.

Beyond the quantities of Copper Ore sold at the public sales of Cornwall and Wales, more information, than has hitherto been obtained, is given this year of the ores purchased by private contract.

From the liberal manner in which detailed returns of Lead and Silver have been furnished, by the lead miners and smelters, this section maintains its usual completeness.

For the first time a statement of the Iron Ores produced in the United Kingdom has been appended to the returns of Blast Furnaces and the make of Pig Iron. As indicating the chief sources from which are derived the supply for this

important branch of mineral manufacture, it is hoped this addition will prove useful.

The statistics of the Coal produce of the United Kingdom have been rendered still more exact by the valuable returns which have been furnished from each of the coal-producing districts. It is satisfactory to find that the more minute details of colliery produce which have this year been given to the Mining Record Office, fully confirm the result arrived at in the last Mineral Statistics, proving that the annual drain upon our stores of fossil fuel is far more extensive than had hitherto been suspected. The decrease, amounting to 207,331 tons, on the Coal produce of the year, is to be referred entirely to the falling off in the quantities consumed for domestic purposes: from the high price of provisions a greater economy has been exercised in the article of fuel. In the Exports of Coals there has been a large encrease.

The improving value of British Zinc Ores is shown by the increased quantities of Blende (Sulphuret of Zinc) which has passed from the mines to the hands of the smelters. The returns which are published do not, however, include all the sales of Zinc Ores, since many small parcels, of a few tons each, of which no account can be obtained, have been sold from copper and lead mines in various parts of the kingdom.

By the obliging attention of some of our Salt manufacturers the statements now given of the Salt produce of Cheshire, Worcestershire, and of Ireland, may be regarded as strictly reliable.

The Porcelain and finer Earthenware Clays of the western and south-western counties are now added for the first time to these Returns. They show the value of this branch of mineral industry.

Extensive inquiries have been made during the past year into the produce of the quarries producing Building Stones, Paving Stones, and Slates, many of the more important of which have been personally visited. Although a certain amount of information on these products will be found in the present Returns, it is not so satisfactory as could have been desired. The extent of the inquiry, embracing nearly every county of the United Kingdom, and the fact, of its being necessary that the tonnage produce of all the quarries within a district should be accurately determined, has required more time than it has been possible to give to this subject during the past year. It is believed, from the extent to which information has been promised to the Mining Record Office, that the Returns for 1856 will contain full statistics of the produce of the valuable materials furnished from the rocks of the British Isles.

On the miscellaneous returns but few remarks are necessary. These are now given in greater detail than hitherto, and with every year our knowledge must necessarily become more exact upon these special products.

For nearly the whole of the information contained in the present and in former publications, the Mining Record Office is dependent upon the returns voluntarily furnished by those who are engaged in the special industries which are the subjects of inquiry. The liberal manner in which statements are given,—in confidence, to aid in the computation of the produce of districts,—or, in the case of the metalliferous mines, the details which are furnished for publication, sufficiently prove that the value of these statistical compilations are fully appreciated by those whom they more immediately concern. Especial thanks are due to a large number of colliery proprietors, iron-masters, smelters, mine owners or agents, and metal merchants, without whose assistance it

would not have been possible to have furnished the following details. The manner in which accounts of the mineral traffic on railways has been communicated, at the cost of much labour to the officials of the respective lines, requires the most ample acknowledgment. By this aid the distribution of the Coal produce has been accurately determined, and the returns from the collieries compared and corrected.

The lists of Collieries, and the names of the owners, which were given for the first time last year, have been carefully corrected up to the present, and they will now be found to contain many additions.

Her Majesty's Inspectors of Collieries have individually afforded the most important assistance in this and in other matters, connected with each of the twelve districts of Great Britain which they have respectively under their charge.

The object of these publications being to present an exact view of the relative value of the mineral industries of Great Britain and Ireland, and to furnish information which shall be commercially valuable, it is of the first importance that accuracy should be attained. This can only be effected by a continuation of that assistance which has been hitherto afforded, and which is therefore solicited for the future.

ROBERT HUNT.

Mining Record Office,
July 15, 1856.

1855.

TIN.

The total quantity of Tin Ore (Black Tin) raised in Cornwall and Devonshire, from January to December inclusive, in 1855, was
8,947 Tons,

of this quantity Devonshire produced about
320 Tons.

The average price of the Ore per Ton was £68, making the
Actual Value of Ore sold £608,396.

This Tin Ore was the produce of Tin Mines and Tin Stream Works in the two Tin producing Counties,

The Tin Mines, &c. of Cornwall, numbering 129, and those
of Devonshire „ 27.

The Ore was purchased by the following firms and smelted at their works,

Calenick.	Mitchell and Co.
Cavedras and } Treluswell. }	Daubus and Co.
Charlestown.	H. J. Enthoven and Co.
Angarrack and } Chyandour. }	Bolitho and Co.
Trethellan and } Melleneear. }	Williams, Harvey, and Co.
Tamar	Union Co.—(<i>Suspended</i> .)
Bissoe Bridge	Bissoe Bridge Co.

The Prices of Metallic (White) Tin during the year was as follows,—

	Blocks.	Bars.	Refined.
Highest	£129	£133	£135 per Ton.
Lowest	£111	£112	£114 „ „
Mean	£119	£120	£123 „ „

The mean average price of all the varieties £120 per Ton.

The produce in Metal was as nearly as possible 6,000 Tons, which at £120 per Ton would give, Metallic Tin.—Value £720,000.

The Mining Record Office has hitherto been dependent upon the returns made from the Mines, and the, somewhat uncertain, published sales. The more accurate returns furnished by the Stannary Court will in future be adopted. It should be observed that the year given is from Michaelmas to Michaelmas, which will be the year represented, so far as Tin is concerned, in future. The total quantity of Tin produced in 1855 is given above.

TIN ORE sold from the under-mentioned MINES from the Quarter ending 29th September 1854 to the 29th September 1855 : as by returns made to the Stannaries Court of Cornwall.

Mines.	Quantities.				Amount.		
	Tons.	cwts.	qrs.	lbs.	£	s.	d.
1. Dolcoath - - - - -	352	7	1	11	23,169	16	8
2. Carnbrea - - - - -	332	19	1	4	20,768	3	10
3. Great Huel Vor - - - - -	313	2	1	24	19,192	10	3
4. Levant - - - - -	310	0	3	21	20,099	13	9
5. Drake Walls - - - - -	301	4	1	20	20,224	15	2
6. Great Polgooth - - - - -	283	16	0	10	18,254	11	2
7. Polberro Consols - - - - -	283	3	1	14	18,368	0	0
8. Providence Mines - - - - -	275	17	0	27	18,252	17	1
9. Huel Owles - - - - -	242	8	2	5	16,891	1	3
10. Tincroft - - - - -	225	13	2	5	13,853	6	2
11. Reeth Consols - - - - -	223	11	0	21	13,654	17	0
12. Balleswidden - - - - -	219	3	2	8	15,292	5	4
13. Trumpet Consols - - - - -	214	6	0	8	14,740	14	6
14. St. Ives Consols - - - - -	208	17	0	16	12,460	6	9
15. Huel Margaret - - - - -	207	16	2	23	11,986	5	9
16. Porkellis United - - - - -	205	2	3	17	13,291	12	10
17. Par Consols - - - - -	200	16	1	19	13,367	10	3
18. Huel Tremayne - - - - -	159	0	2	12	10,912	16	0
19. Great Work - - - - -	156	11	2	10	11,024	8	4
20. West Huel Providence - - - - -	143	3	3	7	9,835	1	7
21. Botallack - - - - -	142	13	0	7	9,590	3	3
22. Huel Reeth - - - - -	137	7	3	2	8,422	2	9
23. St. Day United - - - - -	135	11	0	11	7,463	17	9
24. Great Hewas - - - - -	135	9	0	11	8,906	9	8
25. Huel Kitty (St. Agnes) - - - - -	133	2	2	11	8,322	12	7
26. Huel Uny - - - - -	131	9	1	7	8,683	17	11
27. Ding Dong - - - - -	130	4	1	26	8,849	12	6
28. Hull Mary - - - - -	111	8	2	11	7,237	1	3
29. Huel Lovell - - - - -	110	15	3	8	7,616	14	11
30. Condurrow - - - - -	107	19	1	1	7,096	19	8
31. Huel Guskus - - - - -	105	11	2	14	6,791	11	11
32. Boscean - - - - -	97	4	0	18	6,452	11	3
33. East Huel Margaret - - - - -	92	3	0	10	5,450	2	11
34. Great Huel Fortune - - - - -	89	0	1	13	6,103	15	9
35. West Huel Towan - - - - -	88	8	3	1	5,920	18	2
Carried forward - - - - -	6,607	12	1	13	428,554	5	11

TIN ORE AND TIN RETURNS.

3

Tin Ore sold from the under-mentioned Mines, &c.—*continued.*

Mines.					Quantities.				Amount.		
					Tons, cwt., qrs, lbs.				£	s.	d.
Brought forward					6,607	12	1	13	428,554	5	11
36.	Huel Bal	-	-	-	88	2	0	10	5,759	0	1
37.	Huel Unity Consols	-	-	-	83	4	2	26	4,130	13	2
38.	Carnyorth	-	-	-	80	12	1	13	5,101	18	1
39.	Cook's Kitchen	-	-	-	79	17	0	25	5,253	10	10
40.	Huel Enys	-	-	-	78	3	3	15	4,661	13	7
41.	Lewis Mines	-	-	-	64	19	0	15	4,146	6	11
42.	Rocks and Treverbyn	-	-	-	63	8	0	27	4,664	19	8
43.	Spearne Moor	-	-	-	61	13	2	18	3,959	2	2
44.	Bosweddan	-	-	-	60	2	0	22	3,894	9	11
45.	Boscundle	-	-	-	55	16	0	0	3,458	10	0
46.	Great Beam	-	-	-	54	13	1	10	3,689	16	11
47.	Huel Trefusis	-	-	-	51	14	3	20	3,082	8	9
48.	Spearne Consols	-	-	-	47	6	0	12	3,000	13	0
49.	Trevelyan	-	-	-	45	15	3	11	2,875	6	0
50.	Budnic Consols	-	-	-	43	8	0	5	2,837	14	10
51.	Pednandrea	-	-	-	39	16	2	23	2,574	0	0
52.	Huel Friendly	-	-	-	39	16	0	1	2,095	3	8
53.	Huel Betsy	-	-	-	39	3	3	15	2,548	1	6
54.	East Pool	-	-	-	38	8	0	3	2,098	19	5
55.	Trelyon Consols	-	-	-	30	14	0	20	1,964	16	1
56.	St. Aubyn and Grylls	-	-	-	30	7	1	10	1,935	13	6
57.	St. Michael Penkevill	-	-	-	30	17	0	19	1,739	15	4
58.	Huel Lemon	-	-	-	29	13	3	11	2,033	19	6
59.	Huel Carne	-	-	-	28	10	3	18	1,820	11	2
60.	Stray Park	-	-	-	27	15	2	0	1,763	12	7
61.	United Mines	-	-	-	26	16	2	2	1,569	12	3
62.	Huel Tryphina	-	-	-	25	16	3	13	1,798	19	8
63.	Trannach and Bosence	-	-	-	25	18	3	1	1,711	13	9
63a.	Huel Bassett	-	-	-	25	11	0	7	1,610	7	1
64.	Trevenen	-	-	-	24	5	2	0	1,615	19	8
65.	Huel Trevanance	-	-	-	24	0	1	1	1,581	3	4
66.	St. Austell Consols	-	-	-	19	13	1	1	1,244	16	5
67.	Boscawell Downs	-	-	-	19	3	3	24	1,129	16	3
68.	Huel Kitty (Uny Lelant)	-	-	-	18	11	2	14	1,163	15	6
69.	South Huel Francis	-	-	-	17	16	2	13	1,089	18	3
70.	Huel Damsel	-	-	-	17	1	0	10	1,109	17	5
Carried forward					8,145	9	1	0	525,271	2	2

Tin Ore sold from the under-mentioned Mines, &c.—*continued*.

Mines.					Quantities.				Amount.		
					Tons, cwt. qrs. lbs.				£	s.	d.
Brought forward					8,145	9	1	0	525,271	2	2
71. North Roskear	-	-	-	-	16	3	3	3	1,022	8	2
72. South Speed	-	-	-	-	15	18	0	14	982	0	2
73. Balnoon Consols	-	-	-	-	12	14	2	2	808	13	11
74. Calvadnack	-	-	-	-	12	7	3	10	791	7	4
75. Minerals Court	-	-	-	-	12	1	0	24	734	13	2
76. Tresavean	-	-	-	-	12	3	1	27	730	4	8
77. Phoenix Mines	-	-	-	-	11	15	0	5	662	19	1
78. Huel Rock	-	-	-	-	9	4	3	20	198	5	6
79. West Ding Dong	-	-	-	-	7	11	1	19	524	2	1
80. Georgia Mines	-	-	-	-	7	4	0	12	549	2	6
81. South Huel Charlotte	-	-	-	-	6	12	3	6	443	4	0
82. Mills Pool	-	-	-	-	6	12	3	2	437	16	3
83. Huel Jane	-	-	-	-	6	2	3	10	379	4	5
84. North Huel Crofty	-	-	-	-	5	18	2	6	369	1	8
85. Creegbraws	-	-	-	-	5	5	2	5	299	14	0
86. Huel Jewel	-	-	-	-	5	1	0	5	318	0	6
87. Charlestown Mines	-	-	-	-	4	12	1	7	272	7	10
88. St. Blazey Consols	-	-	-	-	4	9	0	3	136	13	11
89. Huel Vyvyan	-	-	-	-	4	2	2	16	253	7	7
90. Huel Marshall	-	-	-	-	4	1	2	16	243	8	1
91. Huel Seton	-	-	-	-	4	2	0	19	273	5	7
92. West Huel Francis	-	-	-	-	3	4	1	13	210	9	1
93. Huel Robins	-	-	-	-	2	16	0	21	146	8	11
94. North Huel Damsel	-	-	-	-	2	15	2	10	181	1	10
95. East Huel Crofty	-	-	-	-	2	14	3	22	163	10	8
96. Huel Coit	-	-	-	-	2	11	3	26	156	14	11
97. South Huel Crofty	-	-	-	-	1	18	2	21	87	11	10
98. South Huel Providence	-	-	-	-	1	18	3	23	135	7	4
99. West Polberro	-	-	-	-	1	9	2	15	80	10	8
100. Huel Coates	-	-	-	-	1	5	1	2	80	1	6
101. Carharrach	-	-	-	-	1	5	0	7	80	16	7
102. West Huel Damsel	-	-	-	-	18	3	11		55	2	4
103. Wood Mine	-	-	-	-	17	2	11		41	19	2
104. Prideaux Wood	-	-	-	-	16	3	24		58	10	6
105. Tregillia	-	-	-	-	10	1	8		33	3	9
106. Rosewarne	-	-	-	-	9	1	4		28	8	6
Carried forward					8,345	8	3	1	537,241	0	2

Tin Ore sold from the under-mentioned Mines, &c.—*continued.*

Mines.				Quantities.	Amount.
				Tons, cwt. s. qrs. lbs.	£ s. d.
Brought forward				8,345 8 3 1	537,241 0 2
107. Treviskey	-	-	-	7 0 23	21 13 9
108. Huel Pink	-	-	-	1 3 14	4 15 7
109. Perran St. George	-	-	-	0 2 15	1 15 9
The quantities of tin ore sold from the following mines, except those parcels marked * have been computed; the value only of the ore sold having been returned.					
110. West Huel Jane	-	-	-	*16 3 1 0	1,010 13 7
Ditto	-	-	-	9 8 2 0	585 1 7
111. North Huel Basset	-	-	-	*2 1 1 10	107 15 5
Ditto	-	-	-	3 15 0 2	201 5 7
112. Great Huel Baddern	-	-	-	*1 3 0 6	67 13 5
Ditto	-	-	-	2 0 3 4	124 9 3
113. Consolidated Mines	-	-	-	7 6 0 0	461 8 11
114. Huel Cupid	-	-	-	6 1 3 15	427 4 3
115. Huel Busy	-	-	-	*18 1 7	54 11 10
Ditto	-	-	-	18 3 4	57 19 10
116. Nangiles	-	-	-	6 16 2 1	423 17 7
117. East Halamaning	-	-	-	4 10 1 0	271 11 2
118. Huel Friendship	-	-	-	2 1 2 13	132 16 0
119. West Stray Park	-	-	-	2 3 3 14	188 1 0
120. West Huel Basset	-	-	-	1 7 0 0	82 9 10
121. Huel Sperries	-	-	-	18 0 0	51 14 6
122. Great Huel Alfred	-	-	-	16 1 0	41 6 6
123. Huel Hender	-	-	-	7 0 0	23 0 2
124. Hallenbeagle	-	-	-	6 3 0	20 11 3
125. Huel Agar	-	-	-	5 2 12	18 10 6
126. Paul Downs	-	-	-	4 0 0	12 15 1
127. South Huel Tolgus	-	-	-	2 3 0	8 3 11
129. Huel Trebarvah	-	-	-	1 0	15 0
Total of tin ore upon which dues were paid to the Stannary Court				8,415 15 1 1	541,643 1 5

The following is a List of the Principal Mines in the DEVONSHIRE District, producing Tin during the year 1855.

Names of Mines.	Quantity of Block Tin.				Value.		
	Tons.	cwts.	qrs.	lbs.	£	s.	d.
1. Yeoland Consols - - -	46	16	0	3	2,411	15	0
2. Huel Sidney - - -	30	4	1	14	2,550	0	0
3. Bottle Hill - - -	26	16	2	14	1,601	15	0
4. Tavistock United - - -	24	0	0	0	1,306	6	0
5. Hemerdon Consols - - -	15	5	0	2	820	0	0
6. Rix Hill - - -	8	10	0	0	432	15	0
7. Birch Tor and Vitifer - - -	8	10	0	0	512	19	6
8. West Sortridge - - -	6	0	2	0	323	9	5
9. Huel Arthur - - -	6	0	0	0	406	12	2
10. United (Tavistock) - - -	4	15	0	0	299	12	0
11. Hayton Consols - - -	2	5	2	0	123	0	0
12. Devon Tin Mine - - -	1	3	0	0	48	0	0
13. Holme Moor (Ashburton) - - -	12	1	26		38	1	11
14. Devon Huel Buller - - -							
Total - - -	180	18	2	3	10,874	6	0
THE CHANNEL ISLANDS - - -	2	0	0	0	140	0	0

The following MINES, producing Tin in 1855, and Tin Streams, belong to the Duchy of Cornwall.

Manor of HELSTON in Kerrier.

Porkellis United Mines (part of).	Huel Widden.
Trenear Sett (part of Wendron Consols).	Sundry Stream Works.

Manors of TYWARNHAILE and TYWARNHAILE TYAS.

Huel Coates.	Huel Harriet.
Huel Betsey.	Perran or Bolenna.
Turnavore.	Polberro.
Huel Friendly.	Cligger or Cleggo Porth Stream.
Huel Rock.	Trevaunance Stream.
South Huel Charlotte.	Trevallas Porth or Beach Stream.
Budnick Consols.	

Manor of TREVERBYN.

St. Austle Hills Consols.	Huel Anna.
Carclaze Sett.	Lower Nine Stones, Cleave and Lantern.
Rocks and Treverbyn.	Great Moor Stream.
Carvath Mine.	Sundry Stream Works.

Manor of TEWRINGTON.

Huel Virgin.

Manor of RILLATON.

Phoenix Mine.	West Phoenix.
---------------	---------------

Manor of CALSTOCK.

Huel Arthur.	Drake Walls.
--------------	--------------

TIN IMPORTED INTO THE UNITED KINGDOM, in the year ending 31st December 1855 and the two previous Years.

				Tons.	Cwt.
1855	Tin in Blocks, Ingots, Bars or Slabs	-	-	1,612	7
854	Ditto	-	-	2,251	1
1853	Ditto	-	-	2,487	0

OF THE TIN IMPORTED IN 1855, THE FOLLOWING COUNTRIES SUPPLIED THE LARGEST QUANTITIES.

	Tin.		Tin Ore and Regulus.	
	Tons.	Cwt.	Tons.	Cwt.
Holland, being from the Dutch } East Indian Possessions - }	373	10	—	—
Singapore - - - - -	602	2	—	—
British East Indies - - - - -	350	19	—	—
China - - - - -	238	2	—	—
France - - - - -	27	6	1	0
Peru - - - - -	13	11	31	0
Victoria* - - - - -	—	—	49	0

* The Stream Tin of Australia is stated to be peculiarly auriferous

TIN EXPORTED FROM THE UNITED KINGDOM, in the year ending 31st December 1855 and the two previous Years.

PRODUCE OF THE UNITED KINGDOM.

TIN UNWROUGHT.

			Declared Value.
	Tons.	Cwt.	£
1855 - - - - -	1,337	14	152,928
1854 - - - - -	1,405	15	163,144
1853 - - - - -	1,277	0	140,859
Tin Plates.			
1855 - - - - -	—	—	1,110,430
1854 - - - - -	—	—	1,037,958
1853 - - - - -	—	—	1,181,069

TIN EXPORTED, &c.—*continued.*

FOREIGN AND COLONIAL PRODUCE.

				Tons.	Cwt.
1855	Tin in Blocks, Ingots, Bars, and Slabs	-	-	280	8
1854	Ditto.	-	-	668	16
1853	Ditto	-	-	1,072	10

THE EXPORTATIONS OF TIN WERE PRINCIPALLY TO THE FOLLOWING COUNTRIES.

	British.	Foreign.
	Tons.	Tons.
France - - - -	341	149
Turkey - - - -	250	—
United States - - - -	106	35
Prussia - - - -	92	16
Brazil - - - -	45	—
Syria and Palestine - - - -	67	—
Italy - - - -	72	49
Spain - - - -	83	4
Hanseatic Towns - - - -	49	21
Holland - - - -	42	—

1855.

COPPER.**CORNWALL AND DEVON.**

The TOTAL QUANTITY of COPPER ORE sold at the COPPER ORE SALES (TICKETINGS) in CORNWALL, was

Tons 195,193

The average per-centage produce of this ore was nearly $6\frac{3}{4}$, the produce in metallic copper being,

		cwts.	qrs.	lbs.
Tons	-	12,578	11	0 23

The money value of the ore sold being,

£1,263,739 6 0

This was the produce of about 115 mines situated in Cornwall, and of between 25 and 30 mines situated in Devonshire; these include the mines selling small lots of ore.

AVERAGE PRICE of COPPER ORE at Ticketings was, 6*l.* 8*s.* 6*d.*, per Ton.

The average prices of copper in the London metal market has been,

	£	
Best selected copper	-	129 per ton.
Tough cake do.	-	126 „
Tile do.	-	166 „

AVERAGE COPPER ORE STANDARD 143*l.* 2*s.*

It is perhaps advisable to explain that the term "*Copper Ore Standard*" signifies the price paid the miner, for the copper in the ore, from which is deducted the expenses of bringing it to a metallic state. The sum deducted for these expenses, called "*Returning Charges*," since 1805, has been 2*l.* 15*s.* for every ton of ore. An example may serve to render this familiar.

May 3, 1855,—There were sold at the Ticketings 2,410 tons of Copper Ore; the produce being $7\frac{5}{8}$ per cent., the quantity of fine copper 185 tons 3 cwt., amount of money 19,334*l.* 17*s.* 6*d.* To find the Standard, the 2,410 tons of copper ore sold are \times 2*l.* 15*s.* the returning charges, which is = 6,627*l.* 10*s.* the returning charges on all the ore sold. The total returning charges 6,627*l.* 10*s.* + 19,334*l.* 17*s.* 6*d.*, the amount of sale = 25,962*l.* 7*s.* 6*d.* which is to be \div by 185 tons 3 cwt. the quantity of fine copper: = 140*l.* 4*s.* the standard required.

COPPER MINES SELLING ORE in 1855.

PENZANCE DISTRICT including ST. JUST, ST. IVES, ST. ERTH, and Mines South.

Mines.	Ore.	Copper.	Amount.	Prod.
	Tons.	Tons. cwt. qrs. lbs.	£ s. d.	
1. Alfred Consols - -	3,467	276 14 2 24	29,036 5 0	8
2. Hallamanning & Croft Gothall	2,543	154 17 0 2	15,626 6 0	6 $\frac{1}{18}$
3. Botallack - - -	973	133 15 3 25	14,311 4 0	13 $\frac{3}{4}$
4. Gt. Huel Alfred - -	1,965	98 14 0 2	9,728 17 0	5
5. Levant - - -	1,578	94 18 2 4	9,060 16 0	6
6. West Alfred Consols -	840	32 4 3 11	2,995 10 6	3 $\frac{3}{4}$ $\frac{1}{18}$
7. West Providence - -	360	29 13 2 24	3,052 9 6	8 $\frac{1}{4}$
8. Treloweth - - -	385	18 2 1 27	1,765 3 6	4 $\frac{5}{8}$ $\frac{1}{18}$
9. Huel Friendship, Richards—	252	13 11 2 22	1,312 19 0	5 $\frac{3}{8}$
10. Huel Vyvyan - - -	163	12 4 3 22	1,240 11 0	7 $\frac{1}{2}$
11. Huel Tehidy - - -	131	11 17 2 0	1,240 10 6	9 $\frac{1}{18}$
12. Huel Guskus - - -	260	11 16 0 1	1,025 19 6	4 $\frac{1}{2}$
13. Huel Margery - - -	141	9 6 0 16	960 3 6	6 $\frac{1}{2}$ $\frac{1}{18}$
14. Paul Downs - - -	138	8 4 2 10	813 8 0	5 $\frac{1}{8}$ $\frac{1}{18}$
15. Providence Mines - -	168	7 2 2 5	675 7 0	4 $\frac{1}{4}$
16. Great Huel Fortune -	47	5 4 3 4	545 7 0	11 $\frac{1}{8}$ $\frac{1}{18}$
Total of District - -	13,411	918 9 2 3	93,390 17 0	

REDRUTH, CAMBORNE, and SAINT AGNES, Districts.

No.	Mines.	Ore.	Copper.	Value.	Prod.
		Tons.	Tons. cwt. qrs. lbs.	£ s. d.	
1	Huel Basset - -	7,713	680 12 0 12	71,095 14 0	8 $\frac{3}{4}$ $\frac{1}{18}$
2	Huel Buller - -	9,693	575 12 1 22	57,834 17 6	5 $\frac{1}{8}$ $\frac{1}{18}$
3	United Mines - -	10,300	563 19 1 3	55,882 15 6	5 $\frac{1}{2}$
4	West Basset - -	7,219	490 8 0 19	50,211 3 0	6 $\frac{3}{4}$
5	North Basset - -	4,574	433 10 2 26	45,628 2 6	9 $\frac{1}{2}$
6	South Frances - -	4,544	407 0 1 0	42,991 8 6	8 $\frac{1}{8}$ $\frac{1}{18}$
7	Carn Brea - -	5,938	329 12 0 10	32,553 18 0	5 $\frac{1}{2}$ $\frac{1}{18}$
8	Saint Day United -	3,175	230 16 3 8	24,008 17 0	7 $\frac{1}{4}$
9	Rosewarne United -	2,527	218 15 2 15	23,169 4 6	3 $\frac{5}{8}$ $\frac{1}{18}$
10	West Seaton - -	3,064	206 2 0 22	21,205 14 6	6 $\frac{5}{8}$ $\frac{1}{18}$
	Carried forward -	58,747	4,136 9 2 25	424,531 15 0	

Redruth, &c.—*continued.*

No.	Mines.	Ore.	Copper.				Value.			Prod.
		Tons. 58,747	Tons.	cwts.	qrs.	lbs.	£	s.	d.	
	Brought forward -		4,136	9	2	25	424,581	15	0	
11	Huel Seton - -	3,754	196	17	2	19	19,442	5	6	$5\frac{1}{8} \frac{1}{16}$
12	Tincroft - -	4,480	187	14	2	12	17,242	5	6	$4\frac{1}{8} \frac{1}{16}$
13	Perran Saint George -	3,322	159	1	3	16	14,895	7	6	$4\frac{3}{4}$
14	North Roskear -	2,154	149	10	1	8	15,453	6	0	$6\frac{7}{8} \frac{1}{16}$
15	Consolidated Mines -	2,655	135	6	0	11	13,296	3	0	$5\frac{1}{8} \frac{1}{16}$
16	East Pool - -	2,287	134	13	2	0	13,590	11	0	$5\frac{7}{8}$
17	Tresavean - -	3,169	125	11	0	8	11,774	11	0	$3\frac{7}{8} \frac{1}{16}$
18	Huel Clifford - -	1,651	124	10	0	7	12,938	2	0	$7\frac{1}{2}$
19	Condurrow - -	1,696	116	16	2	4	12,022	17	6	$6\frac{7}{8}$
20	North Pool - -	2,205	112	16	2	24	11,166	3	0	$5\frac{1}{8}$
21	South Tolgus - -	1,157	102	5	3	24	10,842	9	6	$8\frac{3}{4} \frac{1}{16}$
22	North Huel Crofty -	1,582	100	14	2	22	10,385	11	0	$6\frac{3}{8}$
23	West Huel Damsel -	1,543	92	10	0	21	9,336	12	0	6
24	Perran United and } Great Huel Leisure }	2,799	82	14	0	5	6,609	1	6	$2\frac{7}{8} \frac{1}{16}$
25	Huel Charlotte - -	894	68	4	2	1	7,085	9	6	$7\frac{5}{8}$
26	South Crenver - -	1,809	61	3	1	4	5,384	9	6	$3\frac{3}{8}$
27	Boiling Well - -	877	51	8	0	0	5,296	11	6	$5\frac{7}{8}$
28	Clyjah and Wentworth	874	50	3	3	22	5,074	7	0	$5\frac{3}{4}$
29	Creegbrawse and Pen- } kivell United - }	815	40	3	1	18	3,903	7	6	$4\frac{7}{8} \frac{1}{16}$
30	South Crofty - -	851	40	1	2	1	3,881	11	0	$4\frac{5}{8} \frac{1}{16}$
31	Trenow Consols -	619	38	11	2	14	3,907	1	0	$6\frac{1}{4}$
32	Carvannal - -	474	37	16	2	27	3,867	18	6	8
33	Great South Tolgus -	618	37	15	0	3	3,817	15	6	$6\frac{1}{8}$
34	Camborne Vean - -	841	37	4	0	17	3,507	5	0	$4\frac{3}{8} \frac{1}{16}$
35	Huel Comfort -	1,294	32	13	2	27	2,534	12	0	$2\frac{1}{2}$
36	Dolcoath - -	711	28	6	0	0	2,634	2	6	4
37	Huel Carpenter - -	251	23	17	3	22	2,548	8	0	$9\frac{1}{2}$
38	Treviskey - -	380	21	17	0	19	2,179	14	6	$5\frac{3}{4}$
39	Huel Uny - -	418	20	15	2	21	1,945	3	6	5
40	Huel Trebarvah -	237	17	15	2	27	1,834	6	0	$7\frac{1}{16}$
41	Huel Busy - -	236	12	9	2	1	1,200	12	6	$5\frac{1}{4}$
42	Tywarnhayle - -	222	12	3	0	2	1,159	12	6	$5\frac{3}{8} \frac{1}{16}$
43	North Downs - -	188	10	16	1	11	1,109	7	0	$5\frac{3}{4}$
44	Cook's Kitchen -	414	10	8	3	14	789	3	6	$2\frac{1}{2}$
	Carried forward -	106,224	6,611	9	1	9	432,579	12	0	

Redruth, &c.—*continued.*

No.	Mines.	Ore.	Copper.	Amount.	Prod.
	Brought forward	Tons. 106,224	Tons. cwt. qrs. lbs. 6,611 9 1 9	£ s. d. 432,579 12 0	6
45	Grambler and St. Aubyn	103	10 8 0 27	1,101 9 6	10 $\frac{1}{16}$
46	Trethellan - -	344	9 16 3 20	809 17 6	2 $\frac{7}{8}$
47	Feock Works Regulus -	78	9 10 3 11	1,059 2 0	12 $\frac{1}{4}$
48	West Stray Park -	127	9 8 3 9	972 2 0	7 $\frac{3}{8}$ $\frac{1}{16}$
49	Huel Carpenter (Gwinear) - - }	212	8 6 3 3	744 19 6	3 $\frac{3}{8}$ $\frac{1}{16}$
50	Old Huel Bassett -	114	8 0 2 14	827 12 6	7 $\frac{1}{16}$
51	North Huel Busy -	111	7 8 3 13	767 18 0	6 $\frac{3}{8}$ $\frac{1}{16}$
52	Treleigh Consols -	197	6 4 0 23	538 18 6	3 $\frac{1}{8}$
53	Huel Agar - -	88	6 0 0 9	617 15 0	6 $\frac{3}{4}$ $\frac{1}{16}$
54	Huel Trenwith - -	87	5 12 0 15	558 2 6	6 $\frac{3}{8}$ $\frac{1}{16}$
	Total of District -	107,685	6,692 6 3 13	675,235 16 0	

ST. AUSTLE DISTRICT.

No.	Mines.	Ore.	Copper.	Value.	Prod.
		Tons.	Tons. cwt. qrs. lbs.	£ s. d.	
1	Par Consols - -	4,467	443 16 1 5	46,788 7 0	9 $\frac{7}{8}$ $\frac{1}{16}$
2	Fowey Consols -	5,189	392 14 3 3	39,385 15 0	7 $\frac{1}{2}$ $\frac{1}{16}$
3	South Crinnis - -	1,772	138 1 2 26	13,943 9 6	7 $\frac{3}{4}$
4	Pembroke & East Crinnis	1,496	82 10 0 8	8,002 5 6	5 $\frac{1}{2}$
5	Great Crinnis - -	629	47 0 3 1	4,806 0 0	7 $\frac{1}{2}$
6	West Fowey Consols -	411	38 8 2 8	4,058 8 0	9 $\frac{3}{8}$
7	West Crinnis - -	311	21 13 1 11	2,180 16 0	6 $\frac{7}{8}$ $\frac{1}{16}$
8	Huel Messer - -	383	15 14 2 7	1,501 5 6	4 $\frac{1}{8}$
9	Copper Hall - -	246	15 16 2 8	1,619 13 0	6 $\frac{3}{8}$ $\frac{1}{16}$
10	Duke of Cornwall -	279	11 16 0 25	1,014 5 0	4 $\frac{1}{8}$ $\frac{1}{16}$
11	Bodmin United - -	172	10 13 0 22	1,093 10 6	6 $\frac{1}{8}$ $\frac{1}{16}$
	Total of District -	15,355	1,218 9 0 12	124,393 15 0	

LISKEARD AND EAST CORNWALL DISTRICTS.

No.	Mines.	Ore.	Copper.	Value.			Prod.
		Tons.	Tons. cwt. qrs. lb.	£	s.	d.	
1	South Caradon -	3,679	383 16 3 11	40,857	9	0	$10\frac{3}{8} \frac{1}{16}$
2	West Caradon - -	3,941	323 10 2 7	33,595	19	6	$8\frac{1}{8} \frac{1}{16}$
3	Phoenix Mine - -	3,543	234 16 2 11	23,510	11	0	$6\frac{5}{8}$
4	Hingston Downs - -	3,138	204 2 3 1	20,615	1	0	$6\frac{1}{2}$
5	Huel Arthur - -	2,674	119 11 3 22	11,228	11	6	$4\frac{3}{8} \frac{1}{16}$
6	Marke Valley - -	2,318	101 12 1 18	10,135	5	6	$4\frac{3}{8}$
7	Holmbush - -	1,601	97 8 2 11	9,790	0	0	$6\frac{1}{16}$
8	Hawk Moor - -	331	20 10 1 2	2,033	17	6	$6\frac{1}{8} \frac{1}{16}$
9	Gt. Onslow Consols -	608	19 3 3 16	1,691	9	6	$3\frac{1}{8} \frac{1}{16}$
10	Huel Mary Gt. Consols	244	17 5 1 8	1,730	13	6	$7\frac{1}{16}$
11	Callington Killybray -	306	15 8 1 21	1,500	5	6	5
12	Huel Zion - -	271	14 7 1 26	1,374	6	6	$5\frac{1}{4}$
13	Huel Edward - -	172	14 6 3 7	1,467	13	6	$8\frac{1}{4} \frac{1}{16}$
	Total of District -	22,826	1,566 1 3 21	159,551	3	6	

DEVONSHIRE.

No.	Mines.	Ore.	Copper.	Value.			Prod.
		Tons.	Tons. cwt. qrs. lbs.	£	s.	d.	
1	Devon Great Consols -	23,467	1,385 11 3 15	131,294	3	0	$5\frac{1}{8}$
2	Huel Friendship - -	1,809	161 2 3 19	17,067	5	0	$8\frac{7}{8}$
3	Bedford United - -	2,292	155 4 0 6	15,750	17	0	$6\frac{3}{4}$
4	Sortridge Consols -	1,138	118 1 1 22	12,422	4	6	$10\frac{3}{8}$
5	North Huel Robert -	590	45 11 0 6	4,685	8	6	$7\frac{3}{4}$
6	Great Sheba Consols -	1,146	33 2 0 20	2,588	0	0	$2\frac{7}{8}$
7	Huel Russell - -	584	28 9 1 17	2,827	2	0	$4\frac{7}{8}$
8	Huel Crebor - -	483	24 2 0 12	2,306	2	6	5
9	Huel Franco - -	487	19 7 0 3	1,813	15	6	4
10	South Bedford Consols and East Gunnis Lake - - }	380	17 5 0 5	1,628	10	0	$4\frac{1}{2}$
11	Tavy Consols - -	265	14 18 2 12	1,383	5	6	$5\frac{5}{8}$
12	Collacombe - -	213	14 16 1 10	1,558	19	6	$6\frac{7}{8} \frac{1}{16}$
13	Devon and Cornwall -	341	13 13 3 8	1,256	9	6	4
14	Devon and Courtney -	134	8 6 1 17	840	18	0	$6\frac{1}{8} \frac{1}{16}$
15	East Huel George -	115	6 15 0 4	654	19	6	$5\frac{7}{8}$
16	Devon Buller - -	87	6 4 0 5	614	14	6	$7\frac{1}{8}$
17	Lady Bertha - -	86	6 0 1 11	572	19	0	7
	Total of Districts -	33,617	2,058 11 2 24	199,265	13	6	

MINES selling ORE at the TICKETINGS in each of the DISTRICTS.

No.	Mines.	Ore.	Copper.	Value.	Prod.
		Tons.	Tons. cwts. qrs. lbs.	£ s. d.	
	Penzance, &c. - -	13,411	918 9 2 3	93,390 17 0	} $6\frac{5}{8} \frac{1}{16}$
	Redruth, &c. - -	107,685	6,692 6 3 13	675,235 16 0	
	St. Austle, &c. - -	15,355	1,218 9 0 12	124,393 15 0	
	Liskeard, &c. - -	22,826	1,566 1 3 21	159,551 3 6	
	Devonshire - -	33,617	2,058 11 2 24	199,265 13 6	
	Sundry Mines in all the Districts selling Ores producing less than 5 Tons of Copper. }	2,299	124 12 0 6	11,902 1 0	$5\frac{3}{8} \frac{1}{16}$
	Total -	195,193	12,578 11 0 23	1,263,739 6 0	

SUMMARY of the COPPER ORE PURCHASES in CORNWALL (Public Sales) for the Year 1855.

Purchasers.	Ores.	Copper.	Amount.	Prod.	Standard.
	Tons.	Tons. cwts. qrs. lbs.	£ s. d.		
Mines Royal Company	10,099	595 16 2 6	59,389 11 5	$5\frac{1}{8}$	146.5
Vivian and Sons -	29,231	1,792 16 2 6	176,914 16 5	$6\frac{1}{8}$	143.10
Freeman and Company	16,280	975 13 1 4	96,467 1 4	6	144.15
P. Grenfell and Sons	27,051	1,600 19 0 22	159,734 11 2	$5\frac{7}{8}$	146.4
Sims, Willyams, and Company - }	19,694	1,274 1 1 12	127,899 8 0	$6\frac{3}{8} \frac{1}{16}$	142.17
Williams, Foster, and Company - }	39,454	2,949 3 3 18	301,437 18 5	$7\frac{3}{8} \frac{1}{16}$	139
English and Australian Copper Company. }	13,176	875 12 2 8	89,128 13 9	$6\frac{5}{8}$	143.3
Mason and Elkington	17,825	1,167 17 0 2	118,065 2 0	$6\frac{1}{2} \frac{1}{16}$	143.1
F. Bankart - -	8,366	508 12 1 24	51,536 14 3	$6 \frac{1}{16}$	146.11
Copper Miners Company - }	14,017	837 18 1 5	83,165 9 3	6	145.5
Total -	195,193	12,578 11 0 23	1,263,739 6 0	$6\frac{3}{8} \frac{1}{16}$	143.2

	ORE.		COPPER.
	Tons.		Tons. cwts. qrs. lbs.
Sales in 1855 -	195,193	-	12,578 11 0 23
Sales in 1854 -	184,858	-	11,979 4 2 21
Increase this Year	10,335	-	599 6 2 2

SWANSEA.

COPPER ORES. British and Foreign, sold at the SWANSEA Copper Sales (Ticketings) in 1855.

IRISH MINES.

Mines.	Ore.	Copper.	Value.	Prod.
	Tons.	Tons. cwt. qrs. lbs.	£ s. d.	
1. Bearhaven - - -	5,227	519 14 0 17	56,580 0 6	$9\frac{1}{8}\frac{1}{16}$
2. Knockmahon - - -	4,843	449 12 0 22	49,152 16 0	$10\frac{3}{8}$
3. Holyford - - -	475	80 19 1 16	9,482 0 0	17
4. Ballymurtagh - - -	1,971	71 9 0 0	7,002 8 6	$3\frac{5}{8}$
5. Cooshen - - -	135	15 9 0 27	1,665 0 0	$11\frac{3}{8}\frac{1}{16}$
6. Cronebane - - -	53	5 13 2 23	605 10 0	$10\frac{1}{4}$
7. Glanmore - - -	92	5 3 0 21	558 15 6	$5\frac{1}{2}\frac{1}{16}$
8. Tigrony - - -	9	3 1 2 16	331 3 0	$34\frac{1}{4}$
9. South Cork - - -	42	1 11 2 0	131 5 0	$3\frac{3}{4}$
10. Brow Head (Cork County)	27	3 17 2 11	428 10 0	$14\frac{3}{8}$
11. Latter Mine (Cork County)	7	0 9 0 11	43 15 0	$6\frac{1}{2}$
Total -	12,381	1,157 0 2 24	125,981 3 6	$8\frac{1}{2}$

WELSH MINES.

Mines.	Ore.	Copper.	Value.	Prod.
	Tons.	Tons. cwt. qrs. lbs.	£ s. d.	
1. Welsh Ore - - -	31	2 13 1 25	273 10 0	$8\frac{5}{8}$
2. Dalrhiw - - -	15	2 8 3 0	277 10 0	$16\frac{1}{4}$
3. Dyliffe - - -	28	1 17 3 5	214 18 0	$6\frac{3}{4}$
4. Dhurode - - -	24	1 14 3 5	156 6 0	$7\frac{1}{4}$
5. Geifron - - -	12	1 0 1 16	108 6 0	$8\frac{1}{2}$
6. North Wales - - -	67	- - -	282 3 0	—
Total -	177	9 15 0 23	1,312 13 0	$9\frac{1}{4}$

NORTHERN COUNTIES.

Mines.	Ore.	Copper.	Value.	Prod.
	Tons.	Tons. cwt. qrs. lbs.	£ s. d.	
1. Roughtengill - -	14	1 8 2 22	141 9 0	10 $\frac{1}{4}$
2. Helvellyn - -	5	0 12 1 0	75 10 0	12 $\frac{1}{4}$
Total -	19	2 0 3 22	216 19 0	11 $\frac{1}{4}$

SLAGS.

Mines.	Ore.	Copper.	Value.	Prod.
	Tons.	Tons. cwt. qrs. lbs.	£ s. d.	
1. French Slag - -	703	29 6 3 25	2,524 4 0	41 $\frac{1}{8}$ $\frac{1}{16}$
2. British Slag - -	575	24 6 3 17	2,012 14 6	41 $\frac{1}{4}$
3. Rotterdam Slag - -	163	10 18 2 10	1,029 7 0	6 $\frac{5}{8}$ $\frac{1}{16}$
4. Devon Slag - -	52	2 8 0 0	195 0 0	4 $\frac{5}{8}$
5. Barilla Slag - -	53	1 14 1 22	71 0 0	3 $\frac{1}{4}$
6. Neath Slag - -	10	0 6 0 0	20 0 0	3
Total -	1,556	69 0 3 18	5,852 5 6	4 $\frac{5}{8}$

DEVONSHIRE.

Mines.	Ore.	Copper.	Value.	Prod.
	Tons.	Tons. cwt. qrs. lbs.	£ s. d.	
1. Queen of Dart - -	124	7 1 2 11	435 5 0	5 $\frac{3}{4}$
2. Molland - -	83	6 2 0 24	648 12 0	7 $\frac{1}{4}$ $\frac{1}{16}$
Total -	207	13 3 3 7	1,083 17 0	6 $\frac{1}{2}$

FOREIGN MINES.

Mines.	Ore.	Copper.	Value.	Prod.
	Tons.	Tons. cwt. qrs. lbs.	£ s. d.	
1. Cobre - - -	17,631	2,780 8 1 13	309,109 17 6	15 $\frac{3}{4}$
2. Cuba - - -	3,570	544 5 1 23	60,411 4 6	15 $\frac{1}{4}$
3. African - - -	1,030	304 6 3 14	34,450 8 6	29 $\frac{1}{2}$
4. Chili - - -	805	208 19 2 2	24,141 8 0	25 $\frac{7}{8}$ $\frac{1}{16}$
5. Santiago - - -	1,270	186 4 2 26	20,699 11 6	14 $\frac{5}{8}$
6. Kapunda - - -	587	146 18 2 15	16,665 14 0	25
7. Copiapo - - -	642	94 17 2 17	10,339 3 6	14 $\frac{3}{4}$
8. San Fernando - -	450	70 18 3 24	7,803 9 0	15 $\frac{3}{4}$
9. Namaqua - - -	230	68 8 0 0	7,790 12 0	29 $\frac{3}{4}$
10. Peninsular - - -	847	66 18 2 10	7,155 9 0	7 $\frac{7}{8}$
11. Spanish - - -	623	47 19 1 6	5,081 11 6	7 $\frac{5}{8}$ $\frac{1}{16}$
12. Sydney - - -	312	42 19 2 10	4,700 3 6	13 $\frac{3}{4}$
13. Garrucha - - -	322	30 1 0 20	3,289 9 6	9 $\frac{1}{4}$ $\frac{1}{16}$
4. Caridad - - -	85	12 10 3 0	1,408 17 6	14 $\frac{3}{4}$
15. Algiers - - -	109	11 8 3 16	1,226 5 0	10 $\frac{1}{2}$
16. Carthage - - -	73	8 3 1 13	867 7 6	11 $\frac{1}{8}$ $\frac{1}{16}$
17. Costa Rica - -	176	7 8 1 5	728 6 0	4 $\frac{1}{8}$ $\frac{1}{16}$
18. Australian - - -	42	5 17 2 11	663 12 0	14
19. German - - -	127	2 17 0 22	59 12 0	2 $\frac{1}{4}$
20. Tunchiller - - -	5	1 2 0 0	125 7 6	22
21. Tuscan - - -	5	0 11 2 0	62 10 0	11 $\frac{1}{2}$
22. Mines des Alpes -	10	2 6 1 16	265 5 0	23 $\frac{1}{4}$
23. Tuscany - - -	4	0 12 0 22	66 10 6	15 $\frac{1}{4}$
24. Preamimma - - -	27	3 18 1 16	438 15 0	14 $\frac{1}{2}$
Total -	28,982	4,650 3 1 21	517,550 10 0	13 $\frac{1}{2}$

SUMMARY of the COPPER ORE Purchases at SWANSEA (Public Sales), for the Year 1855.

Purchasers.	Ore.	Copper.	Amount.	Produce.	Stand. rd.
	Tons.	Tons. cwt. qrs. lbs.	£ s. d.		
Copper Miners Co. -	2,805	360 2 0 9	39,569 7 4	12 $\frac{1}{4}$ $\frac{1}{16}$	127.8
Freeman and Co. -	4,000	423 2 1 8	46,097 12 8	10 $\frac{1}{2}$ $\frac{1}{16}$	130.4
P. Grenfell and Sons -	5,596	748 14 3 9	82,203 8 9	13 $\frac{3}{8}$	127.18
Sims, Willyams & Co. -	4,130	565 4 1 8	61,923 4 3	13 $\frac{5}{8}$ $\frac{1}{16}$	126
Vivian & Sons -	8,059	1,060 1 3 8	116,615 13 0	13 $\frac{1}{8}$ $\frac{1}{16}$	127.2
Williams, Foster & Co. -	10,255	1,275 0 2 5	140,347 6 2	12 $\frac{3}{8}$ $\frac{1}{16}$	128.3
Mines Royal Co. -	2,614	337 11 2 20	37,360 0 10	12 $\frac{7}{8}$	128.1
English and Australian Copper Co. - }	1,289	230 12 2 10	25,780 11 5	17 $\frac{7}{8}$	124.6
British and Foreign Copper Co. - }				24 $\frac{1}{8}$	122.8
Mason & Elkington -	1,670	340 15 2 17	38,506 4 11	20 $\frac{3}{8}$	124.2
F. Bankart -	2,253	369 3 0 16	40,905 15 9	16 $\frac{3}{8}$	124.10
Charles Lambert -	691	85 0 3 21	9,386 13 9	12 $\frac{1}{4}$ $\frac{1}{16}$	128.12
Total -	43,903	5,926 1 2 14	654,468 11 0	13 $\frac{1}{2}$	127.2

TOTAL COPPER ORES.—British and Foreign sold at the SWANSEA TICKETINGS, in 1855.

No. of Mines.	Ores.	Copper.	Value.
	Tons.	Tons. cwt. qrs. lbs.	£ s. d.
Foreign -	28,982	4,650 3 1 21	517,550 10 0
Ireland -	12,381	1,157 0 2 24	125,981 3 6
Wales -	177	9 15 0 23	1,312 13 0
North of England -	19	2 0 3 22	216 19 0
Devonshire -	207	13 3 3 7	1,083 17 0
Slags -	1,556	69 0 3 18	5,852 5 6
Sundries -	581	24 16 2 11	2,471 3 0
Total -	43,903	5,926 1 2 14	654,468 11 0

	Ore.	Copper.
	Tons.	Tons. cwt. qrs. lbs.
Swansea: Sales in 1855 -	43,903	5,926 1 2 14
Do. Sales in 1854 -	36,688	4,726 19 3 16
Increase this year -	7,215	1,199 1 2 26

COPPER ORES sold by Private Contract, of which Returns have been obtained.

Name of Mine.	County.	Ore.	Copper.	Amount.
		Tons. cwt. qrs.	Tons. cwt.	£ s. d.
Coniston - -	Cumberland -	3,365 7 1		31,046 14 1
Greenbourn - -	Ditto -	120 0 0	18 0	
Llandudno - -	Carnarvonshire -	1,673 13 3		6,461 13 5
Mona Mine - -	Anglesea -		226 8	
Paris Mine (Ores smelted at Mona.)	Ditto -		212 6	
Do. Do. (other sales.)	Ditto -		200 0*	
Cwm Darren - -	Cardiganshire -	41 2 0		
Cwm Erfin - -	Ditto -	7 9 0		
Geifron - -	Ditto -	11 2 0		
Darren - -	Ditto -	11 18 0		
Thomas's United -	Ditto -	12 12 0		
Camdwr Mawr -	Ditto -	22 5 0		
Nanty Car - -	Radnorshire -	15 8 0		
Shimddadduluan -			9 15	
Drews y Coed -			7 1	
Lliwedd - -			2 7	
Ballygahan - -	Wicklow -	1,353 0 0		
Ballymurtagh -	Ditto -	1,329 0 0		
Ditto	Ditto -		10 0†	

* This ore is sent into Staffordshire, and the copper produced is used in the manufacture of brass wire.

† Precipitated Copper.

Total Private Contract Purchase for the Year 1855.

	Ore.	Copper.
	Tons.	Tons. cwt. qrs. lbs.
Vivian & Sons - - - -	10,631	1,474 6 1 22
Freeman & Co. - - - -	1,121	324 0 3 5
P. Grenfell & Sons - - -	1,013	378 16 0 20
Ditto - - - -		497 17 3 5
Sims, Wilyams & Co. - - -		413 0 1 10
Williams, Foster & Co. - -		1,059 0 0 0
Copper Miners Company - -		413 13 3 25
British and Foreign Copper Company -	6,211	939 12 1 4
Mona Mining Company - -		540 8 0 6
Ravenhead Copper Company -	8,326	1,400 2 2 25
Total of Copper - - -		7,440 18 2 10

SUMMARY of COPPER produced from the Mines of the United Kingdom,
and that smelted from Foreign Ores in 1855.

	Tons. cwt. qrs. lbs.	£	s.
Total Copper Produce of English Mines sold at Cornish Ticketings - }	12,578 11 0 23	1,263,739	6
Total Copper Produce of Sales of Irish, Welsh, Foreign, and other Ores at Swansea Ticketings - }	5,926 1 2 14	654,468	11
Total Copper from Purchases by Pri- vate Contract - - - }	7,440 18 2 10	929,000	0
Ditto by Private Contract not included in the above. (Estimated) - }	133 0 0 0	20,000	0
	26,078 11 1 19	2,867,207	17

COPPER imported into the United Kingdom in the Year ending 31st
December 1855, and the two previous Years.

	1855.	1854.	1853.
	Tons.	Tons.	Tons.
Copper Ore and Regulus - - -	66,599	57,292	50,393
Copper unwrought and part wrought -	8,044	3,218	5,200

COPPER exported from the United Kingdom in the Year ending
31st December 1855, and the two previous Years.

PRODUCE OF THE UNITED KINGDOM.

	1855.	1854.	1853.
	Tons.	Tons.	Tons.
Copper in Bricks and Pigs - - -	5,124	3,040	4,780
Copper in Sheets, Nails, &c., including yellow Metal - - - }	10,416	9,534	9,804
Copper, wrought, of other Sorts - - -	1,103	1,103	1,047
Brass of all Sorts - - - - -	839	944	862

DECLARED VALUE OF ABOVE.

			£	£	£
Copper in Bricks, &c.	-	-	585,734	347,167	523,487
Copper in Sheets, &c.	-	-	1,269,008	1,149,338	1,100,071
Copper, wrought, &c.	-	-	151,640	154,370	125,867
Brass of all Sorts	-	-	106,795	118,075	104,906

FOREIGN AND COLONIAL PRODUCE.

		Tons.	Tons.	Tons.
Copper unwrought and part wrought	-	950	1,753	1,636

PRINCIPAL IMPORTATIONS of COPPER ORE and REGULUS in the Year 1855.

From	Ore.		Regulus.	
	Tons.	Cwt.	Tons.	Cwt.
Cuba - - - -	22,425	1	—	—
Chili - - - -	11,845	2	7,039	17
United States - - - -	5,139	19	—	—
Spain - - - -	3,773	3	—	—
Bolivia - - - -	2,280	1	—	—
South Australia - - - -	2,966	0	28	7
Algeria - - - -	1,207	4	—	—
South Africa - - - -	1,543	8	—	—
British North America - - - -	1,078	5	—	—
British West Indies and British Guiana } - - - -	1,009	0	—	—
Peru - - - -	1,117	6	114	1
France - - - -	838	13	673	17
Italy - - - -	755	6	—	—
Portugal - - - -	389	1	—	—
West Coast Africa - - - -	218	19	—	—
New South Wales - - - -	212	6	15	11
Victoria - - - -	277	6	—	—
Norway - - - -	234	3	367	9
Hanseatic Towns - - - -	273	11	—	—
Holland - - - -	86	3	271	0

1855.

LEAD AND SILVER.

THE TOTAL QUANTITY OF LEAD ORE raised from the Mines of the UNITED KINGDOM, was

92,330 Tons.

This yielded, of LEAD,

73,091 Tons.

From which there was separated, of SILVER, according to returns,

561,906 Ounces.

The prices given for Lead Ores at the Holywell Sales were as follows :—

The Lowest price,—with one exception } of £5., for poor Ore,—was - - }	£10 0 0	- per Ton.
The Highest price - - - -	£18 12 6	- „
The Mean Average of all the Purchases } being - - - - }	£14 4 6	- „

This gives, as the total value of the Lead Ore sold,

£1,311,971.

The Prices of Lead in the London Metal Market :

	£	s.	d.
Lowest Price of English Pig Lead -	21	10	0
Highest Price of English Pig Lead -	26	10	0
Mean Average of the year's Pig Lead	23	3	0

This makes the total value of the Pig Lead produced in 1855 at the Market Price as,—

£1,692,055.

The value of the Silver at 5s. the Ounce was,—

£140,476.

FOREIGN SILVER ORE.

During 1855 there has been imported and sold at Liverpool and Swansea, Silver Ore, 7,222 Tons.

containing

Silver, 2,112,246 Ounces.

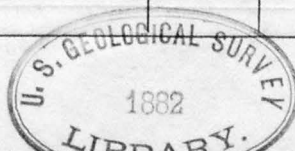
No.	COUNTY, &c.	Names of Mines.	Lead Ore.		Lead.		Silver.
		ENGLAND.	Tons. cwt.		Tons. cwt.		Ozs.
1	CORNWALL.	East Huel Rose - -	2,343	2	1,510	6	46,760
2	West Division.	Swanpool - -	476	0	276	0	6,624
3		Great Huel Baddern - -	397	0	280	0	6,160
4		Cargol - -	378	0	260	0	2,600
5		South Garras - -	319	10	165	5	15,440
6		Cubert United - -	221	10	165	0	2,640
7		Huel Golden - -	185	0	125	0	2,750
8		North Huel Rose - -	77	0	50	0	1,309
9		Hender - -	66	0	47	0	
10		South Cargol - -	57	0	28	4	210
11		Boiling Well - -	46	11	30	14	
12		Huel Constance - -	24	0	14	0	574
13		Huel Anna - -	19	5	11	0	
14		Budnick Consols - -	15	7	10	0	444
15		Oxnam's Land - -	9	0	6	6	312
16		Great Huel Alfred - -	2	15	1	14	
17	East Division.	Huel Mary Anne - -	1,111	1	705	0	46,530
18		Huel Wrey Consols - -	894	19	602	0	15,050
19		Huel Trelawney - -	836	19	592	0	26,235
20		Huel Trehane - -	459	0	326	0	14,996
21		Huel Treweatha - -	316	0	195	0	13,884
22		Herodsfoot - -	298	0	212	0	5,512
23		Pentire Glaze - -	133	0	90	0	3,046
24		Huel Penhale - -	125	0	82	0	1,148
25		North Huel Trelawney - -	108	4	74	10	1,124
26		Tregar dock - -	18	18	8	3	
27		Crow Hill - -	12	14	8	0	
28		Huel Langford - -	7	4	4	1	
29		Polzeath - -	5	0	3	5	
	Total of Ore, 8,962 Tons 19 Cwt.						
	Total of Lead, 5,882 Tons 8 Cwt.						
	DEVONSHIRE.	South Tamar Consols - -	1,325	8	716	0	59,428
1		Huel Adams & Exmouth - -	1,285	0	810	0	18,630
2		Tamar Consols - -	728	0	372	0	305
3		Carried forward - -	3,338	8	1,898	0	78,363

No.	COUNTY, &c.	Name of Mines.	Lead Ore.	Lead.	Silver.
			Tons. cwt.	Tons. cwt.	Ozs.
	Devonshire— <i>cont.</i>				
	Brought forward -	- - - - -	3,338 8	1,898 0	78,363
4		Ivy Bridge - - -	149 10	96 0	2,688
5		Boringdon Consols -	130 16	44 5	2,122
6		N. Huel Friendship -	96 10	70 0	826
7		Boringdon Park - -	61 0	12 0	669
8		Huel Carpenter - -	57 0	43 0	782
9		Whitleigh - - -	54 0	30 0	1,410
10		Park - - -	45 0	35 0	
11		Silver Brook - -	44 14	28 5	
12		East Tamar Consols -	25 0	17 0	408
13		Huel Fortescue - -	22 0	12 0	2,640
14		Birch Aller - -	12 0	7 0	
Total of Ore, 4,035 Tons 13 Cwt.					
Total of Lead, 2,292 Tons 10 Cwt.					
1	SHROPSHIRE.	Snailbeach - - -	2,591 4	1,873 0	
2		Round Hill - - -	254 0	196 0	
3		Hope Valley - - -	151 10	115 0	
4		Stipperstones - -	147 14	111 0	
5		South Bog - - -	107 0	82 0	
6		Bat Holes - - -	38 18	28 0	
7		Rorington - - -	20 0	15 0	
8		White Grit - - -			
9		East White Grit - -			
Total of Ore, 3,310 Tons 16 Cwt.					
Total of Lead, 2,420 Tons.					
DERBYSHIRE.					
		By Returns from the } Smelters - - - }	8,527 0	5,798 15	
Total of Ore, 8,527 Tons.					
Total of Lead, 5,798 Tons 15 Cwt.					

No.	COUNTY, &c.	Names of Mines.	Lead Ore.	Lead.	Silver.
			Tons. cwt.	Tons. cwt.	Ozs.
1	YORKSHIRE.	Braithwaite - - -	67 2	39 0	273
2		Cononley - - -	654 9	475 0	
3		Grassington, including Yarnbury and Coal- grove Beck - - - }	1,575 14	1,121 6	
4					
5		Kettlewell and Coni- stone Districts - - }	95 0	50 0	
6		Wensleydale - - -	1,864 0	1,200 0	
7		Swaledale and Arkendale -	4,345 0	2,956 0	
8		Hurst - - -	129 12	96 15	
9		Sunside Mines - - -	274 0	182 3	
10		Pateley Dis- trict. { Prosperous and Provi- dence Mines - - - }	18 0	13 1	
11			342 0	227 12	
12		Mines on Mr. Yorke's Liberty - - - }			
13		Lunchead - - -			
14		Silverband - - -			
		Teesdale Mines - - -	13 11	8 9	
	Total of Ore, 9,373 Tons 3 Cwt.				
	Total of Lead, 6,369 Tons 6 Cwt.				
1	WESTMORELAND.	Dufton and Silverband -	142 2	107 18	
2		Hilton and Murton -	146 0	110 19	
3		Hardshins -	13 8	9 0	
4		North Stainmore -	18 8	14 0	140
	Total of Ore, 319 Tons 18 Cwt.				
	Total of Lead, 241 Tons 17 Cwt.				

No.	COUNTY, &c.	Names of Mines.	Lead Ore.	Lead.	Silver.
			Tons. cwt.	Tons. cwt.	Ozs.
	CUMBERLAND.				
	Alston Moor.	<i>Mines in the Manor of the Right Honourable the Commissioners of Greenwich Hospital.</i>			
1		Long Cleugh - -	887 18		
2		Rampgill - - -	296 6		
3		Capel Cleugh - -	220 19		
4		Browngill - - -	197 2		
5		Cars and Hanging Shaw -	158 9		
6		Scaleburn - - -	154 10		
7	Mines under lease to the Governor and Company.	Middle Cleugh - - -	123 17	1,740 0	15,660
8		Bentyfield S. V. - - -	112 2		
9		Small Cleugh - - -	88 1		
10	Total Ore, } 2,407 16	Tyne Bottom Mines -	82 11		
11	Total Lead, } 1,740 0	Guddamgill - - -	62 12		
12		Cowper Dyke Heads -	21 5		
13	Total Ozs. } 15,660	Fletcheras - - -	1 8		
14	Silver, }	Priorsdale - - -	0 16		
15		Bentyfield East End } Sun Vein - - - }	43 8	30 0	420
16		Black Syke - - -	0 12	0 8	8
17		Blagill - - -	41 8	28 0	168
18		Brigal Burn - - -	112 0	80 0	1,120
19		Brownley Hill - - -	1,601 12	1,250 0	5,000
20		Carrs West of Nent -	10 18	7 0	56
21	The 16 following Mines to No. 30 belong to Greenwich Hospital, but are leased to various parties.	Clargill Burn - - -	0 7	0 4	
22		Clargill Head - - -	0 16	0 10	22
23		Cow Gap - - -	0 17	0 11	3
24		Crag Green, North Vein -	0 19	0 12	18
25		Dowpot Syke - - -	2 7	1 10	21
26		Douke Burn East End -	18 2	13 0	50
27		Douke Burn West End } or Cash Well - - - }	72 3	55 0	385
28		Foreshield - - -	0 12	0 8	6
29		Gallygill Syke - - -	29 1	20 0	360
30		Grassfield - - -	21 14	15 0	210
31		Holyfield - - -	16 3	11 0	176
32		Hudgill Burn - - -	208 12	150 0	2,700
			4,589 7	3,403 3	26,383

No.	COUNTY, &c.	Names of Mines.	Lead Ore.	Lead.	Silver.
	Cumberland— <i>cont.</i>		Tons. cwt.	Tons. cwt.	Ozs.
	Brought forward -	- - - -	4,589 7	3,403 3	26,383
33	The 16 following Mines to No. 48 belong to Green- wich Hospital; but are leased to various parties.	Lee House Well -	9 13	6 0	300
34		Low Birchy Bank -	1 17	1 5	18
35		Middle Syde -	4 4	3 0	18
36		Nattrass, Middle Vein -	5 14	3 10	52
37		Nattrass, North Vein -	12 1	9 0	135
38		Nentsbury, North Vein -	1 1	0 15	11
39		Nentsbury Pasture -	0 7	0 4	3
40		Park Grove -	0 5	0 3	
41		Peat Stack Hill -	6 18	5 0	35
42		Rodderup Fell -	1,806 0	1,350 0	9,518
43		Slote -	0 11	0 8	3
44		Thorngill Slit -	1 0	0 14	5
45		Thorngill, East End -	10 11	7 10	52
46		Thorngill, West End -	3 3	2 0	14
47		Wellgill, Cross Vein -	40 5	28 0	168
48		Windy Brow -	8 6	6 0	72
49	Tyne Head Mines.	Calvert -	19 11	14 0	100
50		Clargill Head -	3 13	2 0	90
51		Dosey -	9 8	6 10	52
52		East Crossfell -	3 4	2 5	17
53		Lady Vein -	35 18	27 0	190
54		Metal Band -	10 19	8 0	64
55		Patter Syke -	3 9	2 10	17
56		South Crossfell -	72 1	55 0	385
57		Stow Craig -	7 14	5 10	250
58		Tees Side -	4 11	3 0	21
<i>Mines in the Neighbourhood of Keswick.</i>					
59	Caldbeck Mines	Roughtengill -	308 11	205 0	4,100
60		Driggitt -	208 0	120 0	2,470
61		Greenside -	1,600 0	1,100 0	17,600
62		Goldscope -	456 5	303 0	
63		Keswick -	130 0	96 0	826
64		Yewthwaite -	45 11	31 0	
65		Force Crag -			
66		Brandlehow -	162 0	92 10	
67		Barrow -	19 9	13 0	
68		Kennyside -	21 4	14 0	
69		Blencathara -			
70		Bannerdale -			
		Embleton -	5 2	3 0	
Total of Ore, 9,627 Tons 13 Cwt.					
Total of Lead, 6,929 Tons 17 Cwt.					



No.	COUNTY, &c.	Names of Mines.	Lead Ore.	Lead.	Silver.
			Tons. cwt.	Tons. cwt.	ozs.
1	DURHAM AND NORTHUMBERLAND	Allendale East and West and Weardale	12,007 0	9,031 0	51,825
2					
3	Teesdale Mines.	Ashgill Head - -	640 16	472 5	
4		Coldberry Mine - -	670 16	494 0	
5		Coldberry Skears - -	367 16	271 0	
6		Flushamie - - -	1 15	1 4	
7		Leased to the Governor and Co.	Little Eggleshope -	1,965 7	1,449 4
8			Lodge Syke and Manorgill	209 14	153 4
9			Red Groves - -	192 12	141 3
10		Wiregill - -	1,850 8	1,365 1	
11	Teesdale Mines	Broadly Hill - - -	64 16	45 4	
12		Grap Hill - - -	11 8	7 15	
13		Greenhusk - - -	52 1	36 9	
14		East Cow Green - -	13 1	9 3	
15		Paying dues in kind leased to sundry parties.	High Skears - - -	36 0	25 4
16			Langdon - - -	24 6	16 18
17			Pike Law - - -	19 11	13 1
18		Revelling E. & W. -	3 1	2 3	
19		Trough Head - - -	8 0	5 12	
20	Weardale Mines.	Allergill - - -			
21		Bollyhope - - -	19 9	13 2	93
22		Hallywell - - -	2 0	1 5	10
23		Lanehead - - -	4 7	3 0	21
24		Stanhope Burn - -	277 3	194 2	
25		Brandon Walls - -	54 16	40 0	240
26		Calves - - -	12 7	9 0	54
27		Captain Cleugh - -	48 0	35 0	175
28		Derwent Mines - -	1,720 0	1,240 0	14,880
29		Fallowfield - - -	200 0	150 0	450
30		Flakebrigg - - -	11 8		
31		Helaugh Field - -	600 0	320 0	5,400
32		Settling Stones - -	800 0	600 0	1,800
		Stonecroft - - -	220 0	165 0	495
Total of Ore, 22,107 Tons 18 Cwt.					
Total of Lead, 16,309 Tons 19 Cwt.					

	COUNTY, &c.	Names of Mines.	Lead Ore.	Lead.	Silver.
		WALES.	Tons. cwt.	Tons. cwt.	Ozs.
1	GLAMORGANSHIRE.	Melyn-Llyn-y-Pair - -	12 0	9 0	36
2	CAERMARTHENSHIRE	Nant-y Mwyn - -	285 0	207 0	828
3		North Towey - -	45 0	32 0	40
4		Vale of Towey - -	807 0	524 0	—
	Total of Ore, 1,137 Tons.				
	Total of Lead, 763 Tons.				
5	BRECKNOCKSHIRE.	Dalrhiew - -	24 0	20 0	
6	CARDIGANSHIRE.	Aberffrwydd - -	66 0	44 0	200
7		Blaencilan - -	1 10	1 0	
8		Brongwyn - -	33 10	26 0	72
9		Bronfloyd - -	5 9	1 16	
10		Bryngwrog - -	51 0	39 0	132
11		Bryntail - -	52 0	38 0	150
12		Bwlch Consols - -	302 0	220 0	2,684
13		Caegynon - -	45 0	40 0	
14		Cefn-brwyno - -	433 0	340 0	1,000
15		Court Grange - -	40 2	26 8	
16		Cwm Darren - -	50 6	33 10	
17		Cwm-Erfin - -	247 0	190 0	3,420
18		Cwm-ystwyth - -	1,080 0	825 0	
19		Darren - -	52 0	38 0	988
20		East Darren - -	535 0	400 0	7,040
21		Esgair Mwyn - -	170 0	130 0	
22		Foxpath - -	62 0	40 0	
23		Goginan - -	187 0	140 0	3,400
24		Grogwinion - -	1 18	1 4	
25	The Lisburne Mines.	East Logylas - -	1,146 0	730 0	2,150
26		Frongoch - -	1,256 0	800 0	
27		Graigoch - -	16 0	10 0	
28		Loveden United - -	40 0	30 0	582
29		Llanganfelin - -	21 0	14 0	
30		Llettyhen - -	2 14	1 16	
31		Llwynmalees - -	71 0	50 0	620
32		Nanteos and Penrhiw - -	126 0	95 0	
33		Nant-y-creiau - -	30 0	24 0	
		Carried forward - -	6,123 9	4,328 14	22,438

No.	County, &c.	Names of Mines.	Lead Ore.	Lead.	Silver.
	Cardiganshire— <i>cont.</i>		Tons. cwt.	Tons. cwt.	Ozs.
	Brought forward -	- - - -	6,123 9	4,328 14	22,438
34		Penpompren - -	12 5	8 0	
35		Penrhynwddn - -	20 0	14 0	70
36		Pwllyrhenaid - -	166 12	116 2	
37		Rheidol United - -	45 0	33 0	
38		Talisien - - -	142 0	106 0	1,587
39		Thomas United - -	42 0	32 0	1,088
40		Ty Llwyd - - -	21 17	14 12	
41		Welsh Potosi - -	470 0	362 0	2,896
Total of Ore, 7,043 Tons 3 Cwt.					
Total of Lead, 5,014 Tons 8 Cwt.					
42	RADNORSHIRE.	Nanty Car - - -	24 3	16 0	
43	MONTGOMERYSHIRE*	Cae-Conroy - - -	17 0	14 0	112
44		Cefn-maen-llwyd - -	12 0	8 0	
45		Chirk Castle - - -	80 5	60 0	43
46		Delife - - -	192 0	150 0	570
47		Dyfngwm - - -	243 18	195 0	
48		Gorn - - -	18 0	15 0	
49		Llanerchyrarwr - -	120 0	90 0	368
50		Llanidloes - - -	45 0	32 0	
51		Nantmelyn - - -			
52		Nanty - - -	84 0	64 0	176
53*		Pen-y-clyn - - -			
54		Rhos-wyddol and Bach-eiddon - - }	275 10	219 0	
Total of Ore, 1,087 Tons 13 Cwt.					
Total of Lead, 847 Tons.					
55	MERIONETHSHIRE.	Aberdovy - - -	48 0	38 0	266
56		Bwlch-y-cyrau - -			
57		Cowarch - - -			
58		Dolgelly - - -			
59		Eagles Rock - -			

* In Montgomeryshire there are also the following Mines :—1. Cwmllech. 2. Ochor Glanafon. 3. Maes-y-bwch. 4. Pengwern. 5. Cwmorog. 6. Cwmyr.

No.	COUNTY, &c.	Names of Mines.	Lead Ore.	Lead.	Silver.
			Tons. cwt.	Tons. cwt.	Ozs.
60	DENBIGHSHIRE.	Minera Mines - -	1,735 0	1,335 0	
61		Westminster Mines - -	666 0	594 0	1,180
		Total of Ore, 2,401 Tons.			
		Total of Lead, 1,929 Tons.			
62	FLINTSHIRE.	Belgrave - -	91 15	75 0	84
63		Butlersfield - -			
64		Bodelwyddan - -	101 0	75 0	585
65		Brynford Hall - -	110 0	90 0	564
66		Brynsteddfod - -	111 0	84 0	22
67		Bwlchgwyn - -	319 10	246 0	
68		Caylan - -	154 10	106 0	201
69		Cheny Rake - -	13 15	10 0	
70		Clwt Militia - -	34 15	25 0	
71		Deep Level - -	493 0	375 0	1,575
72		Grosvenor Level - -	20 0	15 0	
73		Holway Level - -	162 0	123 12	1,108
74		Hopewell - -	10 10	7 0	
75		Howard United - -	12 0	10 0	
76		Halkin Hall - -			
77		Jamaica - -	21 18	12 1	
78		Llynymawn - -	10 5	7 0	
79		Maes-y-safn - -	891 10	680 0	1,700
80		Michell - -	15 0	11 0	55
81		Merllyn - -	76 0	52 0	
82		Mold Mines (Pant-y-mwyn)	76 11	56 0	313
83		New Hat - -	15 0	11 0	
84		Orsedd - -	141 0	112 0	896
85		Pant-y-rhes - -	17 10	14 0	
86		Pant-y-celyn - -	11 5	9 0	
87		Penrhynwddu - -	20 0	14 0	70
88		Penybryn - -	106 10	80 0	
89		Pen-yr-henblas - -	104 0	78 0	456
90		Penynwddu - -	25 0	17 0	102
91		Penygelli - -	14 0	11 0	
92		Pwlclai - -	15 5	11 0	
93		Steddfod - -	22 0	16 0	28
94		Speedwell - -	80 0	62 0	116
95		Talacre - -	113 0	86 0	808
		Carried forward -	3,409 9	2,580 13	8,683

No.	COUNTY, &c.	Names of Mines.	Lead Ore.	Lead.	Silver.
			Tons. cwt.	Tons. cwt.	Ozs.
	Brought forward -	- - -	3,409 9	2,580 13	8,683
96	Talgarock.	Maes yr-erwddu -	2,346 0	1,945 0	13,615
		Coetia Llys -	434 10	340 0	3,332
97		True Blue -	7 1	5 0	
98		Top-y-rhes -	32 15	25 0	
99		Tymaen -	31 10	22 0	193
100		Tyntwll -	12 0	9 0	
	Total of Ore, 6,273 Tons 5 Cwt.				
	Total of Lead, 4,926 Tons 13 Cwt.				
101	CAERNARVONSHIRE*	Fryth Llechwedd -	35 10	25 0	
102		Llanrwst -	62 10	48 0	
103		Pencraig -	37 17	25 0	
104		Coed Mawr Pool -	20 0	13 0	
105		Hofod -			
	Total of Ore, 155 Tons 17 Cwt.				
	Total of Lead, 111 Tons.				
1	ISLE OF MAN.	Foxdale -	2,535 0	1,938 0	26,756
2		Laxey -	800 0	610 0	24,400
3		South Manx -	30 0	21 0	441
	Total of Ore, 3,573 Tons 5 Cwt.				
	Total of Lead, 2,725 Tons.				
	Sundries sold in small quantities -		208 5	156 0	606
	SCOTLAND.				
1	ARGYLESHIRE.	Strontian Mines -	100 0	74 0	
2	LANARKSHIRE.	Lead Hills -	324 0	210 12	
3	DUMFRIESSHIRE.	Wanloch Head -	808 0	606 0	4,500
4	KIRKCUDBRIGHT-SHIRE.	Woodhead -			
5		Black Craig -	25 0	18 0	
6		East Black Craig -	137 0	106 0	45
7		Kircudbright -	193 0	145 0	402
	Total of Ore, 1,587 Tons.				
	Total of Lead, 1,159 Tons 12 Cwt.				

* The following mines are in progress in—

CAERNARVONSHIRE :

- | | | |
|-----------------|--------------------|-------------------|
| 1. Cae Mawr. | 7. Bwlch-yr-Hion. | 13. Fyches Las. |
| 2. Glyn. | 8. Hafnay. | 14. Rhaiada rwst. |
| 3. Penrhallt. | 9. Nant. | 15. Foel ddu. |
| 4. Aber Llyn. | 10. Bryn Steddfod. | 16. Dolar Goch. |
| 5. Gwaenllifon. | 11. Ty'ntwll. | 17. Gelnin ddu. |
| 6. Ralltwen. | 12. Gors. | 18. Bryn Clyadau. |

No.	COUNTY, &c.	Names of Mines.	Lead Ore.	Lead.	Silver.
		IRELAND.	Tons. cwt.	Tons. cwt.	Ozs.
1	ANTRIM.	Strangford - -	31 0	23 0	
2	CLARE.	Kilbricken - -	30 0	21 0	
3		Annaglough - -	25 0	10 0	
4	DOWN	Newtownards - -	734 0	590 0	
5	DONEGAL	Ballyshannon - -	10 15	7 0	
6		Kilrain - - -	13 0	8 0	64
7	GALWAY.	Galway Mines - -			
8	KERRY.	Lansdown - -	110 0	55 0	1,496
9	TIPPERARY.	Shalle - - -	28 0	20 0	600
10		Gurtnadyne - -	100 0	68 0	1,593
11	WICKLOW	Luganure - - -	1,277 0	895 0	3,099
12		Tassan - - -	47 0	35 0	
Total of Ore 1538 Tons 15 Cwts.					
Total of Lead 1132 Tons.					

SUMMARY OF LEAD AND SILVER PRODUCE.

	Lead Ore.	Lead.	Silver.
ENGLAND:	Tons cwt.	Tons cwt.	Ounces.
CORNWALL - -	8,962 19	5,882 8	211,348
DEVONSHIRE - -	4,035 18	2,292 10	89,908
SHROPSHIRE - -	3,310 16	2,420 0	—
DERBYSHIRE - -	8,527 0	5,798 15	—
YORKSHIRE - -	9,378 8	6,369 6	273
WESTMORELAND - -	319 18	241 17	140
CUMBERLAND - -	9,627 13	6,929 17	62,879
DURHAM AND NORTHUMBER- LAND - - - }	22,107 18	16,309 19	75,435
WALES:			
GLAMORGANSHIRE - -	12 0	9 0	36
CARMARTHENSHIRE - -	1,137 0	763 0	868
BRECKNOCKSHIRE - -	24 0	20 0	—
CARDIGANSHIRE - -	7,043 3	5,014 8	28,079
RADNORSHIRE - -	24 3	16 0	—
MONTGOMERYSHIRE - -	1,087 13	847 0	1,269
MERTONETHSHIRE - -	48 0	38 0	266
DENBIGHSHIRE - -	2,401 0	1,929 0	1,180
FLINTSHIRE - -	6,273 5	4,926 13	25,823
CARNARVONSHIRE - -	155 17	111 0	—
SCOTLAND - -	1,587 0	1,159 12	4,947
IRELAND - -	2,405 15	1,732 0	7,252
ISLE OF MAN - -	3,573 5	2,725 0	51,597
Sundries - -	208 5	156 0	606
Total - - -	92,330 16	73,091 5	561,906

LEAD IMPORTED into the UNITED KINGDOM in the Year ending 31 December 1855, and the two previous Years.

	1855.	1854.	1853.
	Tons.	Tons.	Tons.
Lead Pig and Sheet - - -	7,231	11,858	17,564

THE PRINCIPAL IMPORTS WERE IN 1855.

From	Lead Pig and Sheet.	Lead Ore.
	Tons.	Tons.
Spain - - - -	6,996	118
Hanseatic Towns - - - -	108	—
Gibraltar - - - -	22	—
Victoria - - - -	13	—
British West Indies - - - -	12	—
Channel Islands - - - -	10	—
France - - - -	—	371
Holland - - - -	—	42
West Australia - - - -	—	25
United States - - - -	—	24
Norway - - - -	—	15

THE IMPORTATIONS from SPAIN in the two Years previous were.

	1853.	1854.
	Tons.	Tons.
Pig and Sheet Lead - - -	14,979	11,337

LEAD EXPORTED from the UNITED KINGDOM in the Year ending 31 December 1855, and the two previous Years.

PRODUCE OF UNITED KINGDOM.

	Quantities.			Declared Value.		
	1855.	1854.	1853.	1855.	1854.	1853.
	Tons.	Tons.	Tons.	£	£	£
Lead -	22,353	19,605	16,242	512,426	466,967	372,940

FOREIGN AND COLONIAL PRODUCE

	1855.	1854.	1853.
	Tons.	Tons.	Tons.
Lead, Pig and Sheet - . -	98	199	1,439

THE PRINCIPAL EXPORTS OF BRITISH LEAD IN 1853, 1854, and 1855.

	1855.		1854.		1853.	
	Pig and Sheet.	Shot.	Pig and Sheet.	Shot.	Pig and Sheet.	Shot.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
United States -	9,246	80	5,558	6	5,794	34
France - -	4,359	3	1,431	7	1,195	—
Russia - -	—	—	10	—	2,818	11
British East Indies -	847	103	803	125	802	67
Australia - -	1,078	397	2,893	449	919	340
British North America	417	426	448	419	278	261
Brazil - -	694	323	729	343	302	261
West Indies and } British Guiana - }	192	47	239	43	310	50
China and Hong Kong	1,993	—	1,926	—	668	2
Holland - -	159	—	597	2	206	2
Hanseatic Towns -	17	—	974	39	285	—
Denmark - -	13	17	322	30	127	35
South Africa - -	78	7	117	29	156	21
Mauritius - -	149	—	4	—	155	12
Sweden - -	202	—	126	1	53	1
Norway - -	174	7	66	80	49	17

1855.

IRON.

THE ESTIMATED TOTAL QUANTITY OF IRON ORE, raised in the UNITED KINGDOM, was

9,553,741 Tons.

This supplied the following Blast Furnaces,— Tons.

England	-	-	-	-	-	311
Wales	-	-	-	-	-	156
Scotland	-	-	-	-	-	122

The produce of Iron for the year ending the 31st December being—

PIG IRON - - - 3,218,154 Tons.

The mean average price of Pig Iron during the year,—embracing the varying prices of Pig Iron on the Clyde, the more uniform price of the Welsh Iron, and the variations of price in Yorkshire and Staffordshire,—has been—

£4. 4s. 0d. the Ton;

consequently the market value of the Pig Iron produced has been—

£13,516,266.

IRON ORE.

No.	COUNTY.	District or Mine.	Character of Iron Ore.	Quantity in Tons.
1	CORNWALL.	Restormel - -	Hæmatite - -	20,807
		St. Austle District -	Ditto - -	2,890
		Helstone District -	Spathose - -	250
		North Coast - -	Hæmatite - -	110
2	DEVONSHIRE	Coombe Martin - -	Spathose - -	1,190
		South Devon -	Ditto &c. -	310
3	SOMERSETSHIRE.	Brendon Hills - -	Spathose - -	4,940
		Raleigh's Cross - -		
		Goosemoor - -		
		Exmoor - - -		
4	GLOUCESTERSHIRE.	Forest of Dean - -	Hæmatite - -	92,608
5	NORTHAMPTONSHIRE.	Northampton - -	Hydrated Oxide -	74,084
		* Weedon - -		
		Blisworth - -		
6	ST AFFORDSHIRE and WORCESTERSHIRE.	Coal measures generally	Argillaceous Carbonate.	2,500,000
7	SHROPSHIRE.	Donnington Wood, &c. &c.	Argillaceous Carbonate.	365,000
			Carried forward -	3,062,189

This return has been received since the publication of Parliamentary returns..

No.	COUNTY.	District or Mine.	Character of Iron Ore.	Quantity in Tons.
		Brought forward	- -	3,062,189
8	DERBYSHIRE.	Sundry Iron Beds -	Argillaceous Car- bonate, &c.	409,500
9	YORKSHIRE. West Riding. }	Ditto - - -	Ditto - - -	255,000
	YORKSHIRE. North Riding. }	Valley of the Esk and Pickering.	Carbonate and Oxide	55,000
		Coast N. of Whitby -	Carbonate - -	50,000
		Cleveland District -	Ditto - -	865,300
10	NORTHUMBERLAND AND DURHAM.	Weardale } Alston } Haydon Bridge } Tyne District }	Argillaceous, Carbonate, &c. }	185,000
11	CUMBERLAND.	Whitehaven - -	Hæmatite - -	200,788
12	LANCASHIRE.	Ulverstone -	Ditto - -	336,828
13	NORTH WALES.	Carnarvonshire } Flintshire }	Ditto - -	1,320
		Denbighshire - -	Argillaceous Car- bonate - - }	64,500
14	SOUTH WALES.	Anthracite District -	Argillaceous Car- bonate - - }	160,500
15	Do.	Bituminous District -	Argillaceous Car- bonate - - }	1,505,000
16	SCOTLAND.	Coal Measure Districts generally.	Argillaceous Car- bonates and Black Band - - }	2,400,000
17	IRELAND.	Wicklow - - -	Hæmatite - - -	576
18	ISLE OF MAN.	Douglas, &c. - -	Hæmatite - - -	2,240
				9,553,741

IRON MANUFACTURE.

ENGLAND.

NORTHUMBERLAND & DURHAM.

The Iron Ores to supply the furnaces in this district are derived principally from the Carboniferous Limestone districts of Weardale and Haydon Bridge, from the western edge of the Durham and Northumberland Coal field, and from the Lias formations at Cleveland. (See *The Iron of Great Britain, Part I. Memoirs of the Geological Survey, General Description by W.W. Smyth, M.A.*) Iron Ores are also brought from Scotland, the West Riding of Yorkshire, and Cumberland.

BLAST FURNACES.

No.	Names of Works.	Owners,	No of Furnaces.	Furnaces in blast.	Furnaces in blast in District.
NORTHUMBERLAND.					
1	Bedlington - -	Bedlington Iron Company -	2	0	
2	Hareshaw - -	Hareshaw Iron Company -	3	0	
3	Leamington -	Tyne Iron Company -	2	2	
4	Walker - -	Losh, Wilson & Bell -	5	4	
5	Wallsend or Tyne Main - -	J. Carr & Company - -	2	2	
6	Wylam - -	Bell, Brothers - -	1	1	9
DURHAM.					
1	Auckland - -		4*	0	
2	Birtley - -	Birtley Iron Company -	3	2	
3	Clarence - -	Bell Brothers - -	3	3	
4	Consett - -	Derwent Iron Company -	7	6	
5	Crook Hall - -	Do - - -	7	6	
6	Darlington -	H. Pease & Company -	2	2	
7	Felling - -	H. L. Pattinson & Co. -	2	2	
8	Norton - -	Warners, Lucas and Barrett	2*	0	
9	Shotley Bridge or Bradley - -	Jno. Richardson and Co. -	4	4	
10	Stanhope - -	Weardale Iron Company -	1	0	
11	Stockton - -	Holdsworth, Bennington, Byers, & Co. -	3	1	
12	Towlaw - -	Weardale Iron Company -	5	4	
13	Witton Park & Etherley	Bolchow & Vaughan -	4	4	34

* Furnaces building in 1855.

The quantity of Iron Ore consumed in the 42 Furnaces in blast during the year may be estimated at 612,250 Tons.

Of this quantity the Whitehaven Hæmatite district supplied 37,192 Tons and from Haltwistle and Haydon Bridge, rather more than 4,000 Tons were sent on the Newcastle and Carlisle Railway.

Nearly all the Durham Furnaces draw their supply from the Cleveland district. The produce of the Furnaces of Northumberland and Durham during 1855 was,—

Pig IRON - 214,020 Tons.

YORKSHIRE.

The NORTH RIDING or CLEVELAND DISTRICT.

This district is producing increased quantities of the Iron Ores of the Lias formation. (See *Iron Ores of Great Britain*). The workings are numerous, and it is difficult to separate the produce of one from the other.

The greatest quantity of this Iron Ore is obtained from the Eston Mines. The Hutton Mines come next, and then the Upleasham Mines. On Birnalby Moor, and Roseberry Topping near Guisborough, these Iron Ores are extensively developed. The total quantity of IRON STONE raised during the year was—

865,300 Tons.

This quantity was used in the manufacture of the Pig Iron, made by the furnaces in Durham, and those established in the immediate district. In addition to the above quantity, the

Valley of the Esk has produced	-	55,000	Tons.
Coast North of Whitby	-	50,000	„

Much of this is carried to the Iron Works on the Tyne. Small quantities of similar Iron Ore are also obtained near Pickering, and one or two other places on the eastern shores of Yorkshire, and near Thirsk. At Rosedale the Magnetic Oxide of Iron has been found. Preparations are now being made at different places between Whitby and the Railway Incline in the Valley of the Esk, for mining on a large scale. The Bently Iron Company and Mrs. Clarke have extensive workings. The Eskdale Iron Company have opened a mine at Sleight's Bridge. Mr. Ridley, and Messrs. Corner and Watson, have new works in Goathland. The Marchioness of Londonderry has leased large deposits of Ironstone at Boulby. Messrs. Richardson have leased the Stone in Grinkle Park estate; and extensive plots have been taken at Hinderwell, in Cleveland, for mining purposes.

BLAST FURNACES.

No.	Names of Works.	Owners.	Furnaces built.	Furnaces in blast.	Furnaces in blast in District.
1	Tees - -	Gilkes, Wilson and Co. -	4	4	
2	Eston - -	Bolchow and Vaughan -	6	6	
3	Cleveland - -	T. L. Elwen and Company -	3	2	
4	Middlesbro' -	Bolchow and Vaughan -	3	3	
5	Ormesby Works -	Cockrane and Company -	4	3	
6	South Bank -	B. Samuelson and Company	3	3	21

From these furnaces the make was of
 Pig Iron - 84,500 Tons.

WEST RIDING AND COAL MEASURE DISTRICTS.

The Iron Ore raised in the West Riding appears to have been about 255,000 Tons, and Iron Ore to supply these furnaces is also obtained from Derbyshire, &c.

BLAST FURNACES.

No.	Names of Works.	Owners.	Furnaces built.	Furnaces in blast.	Furnaces in blast in District.
1	Beeston Manor -	Harding and Co. - -	1	1	
2	Bierley - -	Hird, Dawson and Hardy -	4	3	
3	Bowling - -	Sturge and Co. - -	5	4	
4	Chapeltown -	Newton, Chambers and Co. -	2	0	
5	Elsecar - -	Dawes and Co. - -	3	1	
6	Farnley - -	Armitage and Company -	2	2	
7	Holmes - -	S. Beale and Company -	2	2	
8	Low Moor -	Hird, Dawson and Hardy -	5	4	
9	Milton - -	Dawes and Company -	2	2	
10	Parkgate - -	S. Beale and Company -	1	1	
11	Thorncliffe -	Newton, Chambers and Co. -	3	2	
12	Thorpe Hale -	J. and H. Hains - -	1	1	
13	Wosbro' Dale -	Field, Cooper and Co. -	1	0	23
Total Furnaces in blast in Yorkshire			-	-	43

The West Riding Furnaces produced of
 Pig Iron - - - - 90,840 Tons.

Total Produce of Pig Iron in Yorkshire.
 175,340 Tons.

DERBYSHIRE.

The IRON ORES produced in Derbyshire in 1855, have been estimated at 409,500 Tons. The various beds in the Coal Measures producing Iron Ore are described by Mr. W. W. Smyth. (See *Iron Ores of Great Britain*.)

No.	Names of Works.	Owners.	Furnaces built.	Furnaces in blast.	Furnaces in blast in District.
1	Alfreton - -	Oakes and Company -	3	2	
2	Brimington -	Knowles and Company -	1	1	
3	Butterley - -	Butterley and Company -	3	3	
4	Codnor Park -	Do. - -	4	3	
5	Duckmanton -	R. Arkwright - -	0	0	*
6	Clay Cross - -	Clay Cross Company -	3	2	
7	Morley Park -	Mold and Company -	2	2	
8	Newbold - -	Sml. Beale and Company -	1	1	
9	Renishaw - -	Appleby and Company -	2	1	
10	Stanton by Dale -	Stanton Iron Company -	3	2	
11	Staveley - -	Richard Barrow - -	4†	2	
12	Unstone - -	Rangely Company - -	1	1	
13	West Hallam -	Whitehouse and Company -	3	2	
14	Wingerworth -	Wingerworth Iron Co. -	3	2	24

From these Blast Furnaces in Derbyshire the produce was—

PIG IRON - - - 116,550 Tons.

* These old furnaces are pulled down. † Two of these furnaces are pulled down.

LANCASHIRE.

Hæmatite Iron Ore occurs largely in the neighbourhood of ULVERSTONE, in Furness.

FURNESS IRON MINES AND OWNERS.

1.	Adgarley - -	-	Brogden & Company.
2.	Bolton Heads - -	-	Ditto.
3.	Carr Kettle - -	-	Joseph Rawlinson.
4.	Crossgates - -	-	Ditto.
5.	Eure Pits - -	-	H. Kennedy & Company.
6.	Ditto - -	-	Town and Rawlinson.
7.	Elliscales - -	-	George B. Ashburner.
8.	Gilbrow - -	-	Harrison, Ainslie & Co.
9.	Lindale Cote - -	-	Brogden and Kennedy.
10.	Lindale Moor - -	-	Harrison, Ainslie & Company.
11.	Ditto - -	-	Town and Rawlinson.
12.	Newton Heads - -	-	Schneider, Hannay & Co.

LANCASHIRE—*continued.*

13. Mousell	-	-	-	-	Schneider, Hannay & Co.
14. Old Hills	-	-	-	-	Ditto.
15. Park	-	-	-	-	Ditto.
16. Roanhead	-	-	-	-	C. S. Kennedy.
17. Rickethills	-	-	-	-	Town & Rawlinson.
18. Stainton	-	-	-	-	James & Greaton Fell.
19. Ditto	-	-	-	-	Brogden & Company.
20. Whitriggs	-	-	-	-	Harrison, Ainslie & Company.
21. Ditto	-	-	-	-	Schneider, Hannay & Co.

BREAST FURNACES.

		Furnaces built.	Furnaces in blast.	Furnaces in blast in District.
1. Newland	} Harrison, Ainslie & Co. }	1	1	
Backbarrow		1	1	2

Those two furnaces, the Duddon Furnace in Cumberland, and Bunawe Furnace in the district of Lorn in Argyleshire, all belonging to the same proprietors, are the only charcoal furnaces in the kingdom. They use Hæmatite Iron; two of them blow every winter for from 6 to 8 months, according to the supply of charcoal, which alone limits the make. This Iron is found equal in toughness and strength to the charcoal Iron of Russia, Sweden, and Norway, but the supply is too limited for its employment in any extensive works. Some of the Iron is converted in charcoal refineries at Backbarrow, and sold in blooms, billets, and bars for card wire and conversion into steel. The remaining portion is sold to the malleable-iron casters in Birmingham, Sheffield, and Wolverhampton, or sent to France; it is made malleable by annealing with Hæmatite ore reduced to fine powder.

DISTRIBUTION OF THE IRON ORE.

	Tons.	Cwt.
Shipped at Barrow, from the 1st January to 31st December - -	313,797	0
Shipped on Ulverstone Canal:—		
For Scotland - - - - -	Tons. 1,470	
Yorkshire, Staffordshire, and Wales - - - - -	17,711	0
Shipped at Baycliff and Altringham, for Yorkshire and Staffordshire -	1,500	0
Consumed in the neighbourhood by the charcoal Iron Furnaces, and at the Iron Works - - - - -	2,350	19
Total produce of the FURNESS IRON DISTRICT - - -	336,828	19

CUMBERLAND.

Hæmatite Iron Ore is raised in very large quantities in the neighbourhood of WHITEHAVEN, as well as at ULVERSTONE in Lancashire. From the increased importance, and the extension of the workings for this valuable Ore, it is thought advisable to repeat the list of Iron Ore Masters which appeared in the Statistical Return for 1854, with the required additions of the designations of the respective Mines or Works.

WHITEHAVEN IRON MINES AND OWNERS.

1. Agnes Mines	-	-	-	Tulk and Ley.
2. Berks Mine	-	-	-	James Henry Attwood and Son.
3. Bigrigg Moor	-	-	-	S. and J. Lindow.
4. Bigrigg	-	-	-	Anthony Hill.
5. Cleator (Sundry Mines)	-	-	-	Ainsworth and Company.
6. Crowgarth Mines	-	-	-	Anthony Hill.
7. Goosegreen	-	-	-	Fisher, Dees, Fletcher and Musgrove.
8. Hesketh Pit	-	-	-	D. and J. H. Robinson, Richard Barker, and Thorton.
9. High House Mine	-	-	-	S. W. Smith and Company.
10. Knockmurton Cop.	-	-	-	Thomas Carmichael.
11. Langhorne	-	-	-	Earl of Lonsdale.
12. Parkside	-	-	-	Fisher, Dees, Fletcher and Musgrove.
13. Todholes*	-	-	-	John Stirling.
14. Woodend	-	-	-	Henry Attwood and Son.
15. Yatehouse Mines	-	-	-	Tulk and Ley.

The increased demand for this Hæmatite Ore is shown by the fact that the Hensingham toll-gate, through which the Ore passed in its cartage to Whitehaven, was rented in 1833 for £570, but it has for many years past yielded an annual revenue of more than £3,000. A railway is now constructed from Whitehaven directly through the Hæmatite district.

BLAST FURNACES.

No.	Names of Works.	Owners.	Furnaces built.	Furnaces in blast.	Furnaces in blast in District.
1	Cleator Moor - -	Whitehaven Iron Company - (Tho. Ainsworth & Co.)	3	2	
2	Duddon - -	Harrison, Ainslie & Co. -	1	1	3

* This is an open quarry, in which a bed of Hæmatite, varying in thickness from 15 to 30 feet, is worked. This is described by Mr. Warrington W. Smyth, on *The Iron Ores of Great Britain*.—Memoirs of the Geological Survey.

CUMBERLAND—continued.

DISTRIBUTION OF THE IRON ORE.

	Tons.	Cwts.
The Blast Furnaces at Cleator Moor consumed - - -	24,106	—
Shipped from Whitehaven per sailing vessels and steamers - -	129,490	—
The Quantity of Iron Ore which passed over the Whitehaven } Junction Railway, to Northumberland and Durham - - }	37,192	12
To Scotland - - - - -	10,000	—
Total produce of Ore near Whitehaven - - -	200,788	12
Do. of Ore in Furness - - - - -	336,828	19
Total Hæmatite Ore from Cumberland and Lancashire - -	537,617	11

In LANCASHIRE AND CUMBERLAND the Furnaces using the Hæmatite Iron Ore, and in the Ulverstone District, those smelting with charcoal, produced - PIG IRON - - - 16,574 Tons.

SHROPSHIRE.

The Coal Measures of Shropshire yield nearly all the Iron Ores which are employed in the iron furnaces of this county. These are chiefly obtained from Donnington Wood and the vicinity, and from the neighbourhood of Madeley Wood.

The quantity of Iron Stone raised being about 365,000 Tons.

BLAST FURNACES.

No.	Names of Works.	Owners.	Furnaces built.	Furnaces in blast.	Furnaces in blast in District.
1	Castle - -	Coalbrookdale Company -	2	2	
2	Dark Lane - -	B. Botfield - - -	2	2	
3	Horshays - -	Coalbrookdale Company -	3	1	
4	Jerry, The - -	B. Botfield - - -	2	0	
5	Ketley - -	Ketley Company - -	3	1	
6	Langley - -	Thomas Hinde & Co. -	1	1	
7	Lawley - -	Coalbrookdale Company -	1	1	
8	Lightmoor - -	Do. - - -	2	2	
9	Lodge Wood -	Lilleshale Company -	4	4	
10	Madeley Court -	W. O. Foster - - -	3	2	
11	Madeley Wood -	John Austrie - - -	3	3	
12	Prior's Lee - -	Lilleshale Company -	4	4	
13	Stirchley Old Park -	B. Botfield - - -	4	3	26

From these twenty furnaces there were produced—

PIG IRON - - - 121,680 Tons.

STAFFORDSHIRE AND WORCESTERSHIRE.

NORTHERN DIVISION.

The Iron Ores of this district are obtained from the neighbourhood of Longton, Hanley and Newcastle. This coal field contains a larger number of Ironstone Measures than any other. "From Bassey Mine to the Knowles Mine, (a series of Measures at the Foley Colliery, Longton, of only 250 yards in thickness,) there are nine distinct workable Measures of Ironstone. At Apedale, the Blackband, Redshag, Bassey Mine, and Red Mine, Ironstones are respectively 4, 6, 7, and 9 feet thick." (*Blackwell, Great Exhibition Catalogue.*)

The Iron Ore raised was 512,000 Tons; of this quantity there were sent into South Staffordshire 210,500 Tons of calcined ore.

BLAST FURNACES.

No.	Names of Works.	Owners.	Furnaces built.	Furnaces in blast.	Furnaces in blast in District.
1	Apedale - -	J. E. Heathcote - -	4	2	
2	Foley - -	W. H. Sparrow - -	3	2	
3	Goldendale - -	Williamson, Brothers -	3	2	
4	Kidsgrove - -	Thomas Kinnersley -	4	3	
5	Madeley - -	Thomas Firmstone - -	2	2	
6	Shelton - -	Earl Granville - -	8	6	
7	Silverdale - -	F. Stannier and Co. -	4	3	20

The make of these furnaces was—

PIG IRON - - 101,500 Tons.

BLAST FURNACES IN SOUTH STAFFORDSHIRE AND WORCESTERSHIRE.

The Gubbin and White Ironstone are the principal Iron Stones of the District. The quantities of Ore raised may be estimated at 1,988,000 Tons.

Names of Works.	Owners.	Furnaces built.	Furnaces in blast.	Furnaces in blast in District.
Bentley Heath - -	Clarke and Jerome - -	4	0	
Bilston Spring Vale -	Jones and Murcott - -	3	3	
„ New Furnaces - -	S. H. Blackwell and Co. -	5	4	
„ Brook - -	G. H. and A. Hickman -	3	2	
„ Bovereux - -	Wm. Baldwin and Co. -	2	1	
„ Deepfields - -	Benton and Pemberton -	2	2	
„ „ - -	S. Groucutt and Sons -	1	1	
„ Capponfield - -	John Pagnall and Sons -	3	2	
„ Coseley - -	J. and T. Turley - -	2	2	
Carried over - -	- -	25	17	17

STAFFORDSHIRE—continued.

Names of Works.			Owners.	Furnaces built.	Furnaces in blast.	Furnaces in blast in District.
			Brought forward - - -	25	17	17
Bilston Ettingshall -	-	T. Banks and Son -	-	2	1	
„ Millfield -	-	Wm. Riley and Son -	-	3	3	
„ Moseley -	-	Chillington Company	-	3	3	
Birchills, New -	-	Geo. Jones -	-	5	5	
„ Old -	-	P. Williams and Sons	-	2	0	
Bloxwich, Green Lanes -	-	T. & C. Highway -	-	2	2	
Brettell Lane -	-	Hall, Holcroft and Pearson -	-	2	2	
Broadwaters -	-	S. Groucutt and Sons	-	2	2	
Coneygree -	-	Lord Ward -	-	3	2	
Corbyns Hall -	-	Wm. Matthews and Co.	-	4	3	
„ „ New -	-	B. Gibbons -	-	4	4	
Congreaves -	-	New British Iron Company -	-	4	4	
Crook Hay -	-	T. Davies and Sons -	-	4	3	
Darlaston -	-	Samuel Mills -	-	3	3	
Dixons Green -	-	W. Haden -	-	1	1	
Dudley Port -	-	Thomas Morris and Son -	-	2	2	
„ „ -	-	Hopkins and Son -	-	2	2	
Dudley Wood -	-	New British Iron Company -	-	4	2	
Golds Hill -	-	John Bagnall and Sons	-	3	3	
Groveland -	-	H. Richards -	-	1	1	
Hallfields -	-	B. Gibbons, junior -	-	1	1	
Herberts Park -	-	David Jones -	-	1	1	
Horseley -	-	Coalburn and Sons -	-	2	2	
Hatherton -	-	Highway, Brothers -	-	2	0	
Ketleys -	-	B. Gibbons -	-	3	3	
Lays -	-	W. and G. Firmstone	-	3	3	
Level New -	-	Lord Ward -	-	3	3	
„ Old -	-	Hall, Holcroft and Pearson -	-	2	2	
Netherson -	-	N. Hingley and Sons -	-	3	2	
„ -	-	M. and W. Grazebrook -	-	2	2	
Oak Farm -	-	Geo. Bennett and Co.	-	2	2	
Oldbury -	-	Wm. Bennett -	-	4	3	
Old Hill -	-	T. and J. Badger -	-	2	1	
Old Park -	-	Lloyds, Foster and Co.	-	3	3	
Osier Bed -	-	W. H. Sparrow and Co.	-	3	3	
Carried over - - -				117	96	96

STAFFORDSHIRE—*continued.*

Names of Works.	Owners.	Furnaces built.	Furnaces in blast.	Furnaces in blast in District.
Brought forward	- - -	117	96	96
Park Head - - -	Evers and Martin - - -	2	2	
Parkfield - - -	Parkfield Iron Company - - -	4	4	
Pelsall - - -	Davies and Bloome - - -	2	2	
Priestfield - - -	Ward and Sons - - -	3	3	
Priorsfield - - -	J. B. Whitehouse - - -	3	2	
Rough Hay - - -	Addenbrooke and Co. - - -	2	2	
Russells Hall - - -	S. H. Blackwell and Co. - - -	4	4	
Shut End - - -	John Bradley and Co. - - -	4	3	
Stonefield - - -	G. H. and A. Hickman - - -	1	1	
Stow Heath - - -	W. H. Sparrow and Co. - - -	5	3	
Tipton Green - - -	Gibbons and Roberts - - -	4	3	
Tipton - - -	E. Creswell and Sons - - -	2	2	
Toll End - - -	Toll End Company - - -	2	2	
Union - - -	P. Williams and Co. - - -	3	0	
Wednesbury Oak - - -	P. Williams and Co. - - -	3	3	
Willingsworth - - -	Haines and Company - - -	3	2	
Windmill End - - -	Woodall and Smith - - -	3	3	
Withymoor - - -	W. Davies - - -	2	1	
Wolverhampton - - -	Edwd. Poole and Co. - - -	3	2	
„ - - -	Chillington Iron Company - - -	4	4	
Woodside - - -	Cochrane and Co. - - -	2	2	
		178	146	146

The make of these Furnaces in South Staffordshire and Worcestershire—the so-called South Staffordshire Coalfield extending into the latter county,—was

PIG IRON - - - 754,000 Tons.

GLOUCESTERSHIRE.

FOREST OF DEAN.

The Iron Ores of this district, which are principally Hæmatite, are raised from the following Mines :—

Name of Mine.	Where situated.
Buckshaft - - -	Cinderford.
Dun Pit - - -	Clearwell Meend.
New China Level - - -	Noxon Park.
Oakwood Level - - -	Oakwood, near Bream.
Old Park Iron Mine - - -	Lydney Old Park.
Old Sling Pit - - -	Claylane End, near Clearwell.
Perseverance and Findale - - -	Soudley.
Westbury Brook - - -	Edge Hills, near Mitcheldean.

The quantity of Iron Ore raised was—

92,608 Tons.

Of this there has been sent into South Wales, from the mines on the western side of the Forest,—

By Water - - -	9,000
By Railway - - -	3,500

12,500 Tons.

From the Sling Pit most of the Ore goes to Cinderford, to mix with the richer Ores obtained on the eastern side of the Forest. From Buckshaft, on the eastern side, there is sent into South Wales - - -

8,311 „

Total of Iron Ore sent to South Wales -	20,811
The quantity of Ore used in the Forest -	40,756
Sent into Staffordshire, &c. -	31,042

92,608

BLAST FURNACES.

No.	Names of Works.	Owners.	Furnaces built.	Furnaces in blast.	Furnaces in blast in District.
1	Cinderford - -	Alloway and Crawshay -	3	3	
2	Park End - -	James & Greenham -	2	1*	
3	Dark Hill - -	Messrs. Mushett - -	1	0	
4	Oakwood Vale -	Ebbw Vale Company -	1	0	4

* For a small part of the year two furnaces were in blast.

The produce of these furnaces was—

PIG IRON - - - 19,500 Tons.

WALES.

NORTH WALES.

The largest quantity of the Iron Ore used in the furnaces of this district is obtained from the neighbourhood of Ruabon, where the following beds exist:—

Bine Coal Ironstone.
Main Coal Ironstone.
Upper Yard or "Crank Coal" Ironstone.
Red Coal Ironstone Balls.
Stone Coal Ironstone.
Two Yard Coal Ironstone.
Wall and Bench Ironstones.
Llwyneinion Ironstones.
Chrewley Ironstone.

The quantity of Ore raised being about 65,820 Tons.

Attention has been drawn lately to the existence of Hæmatite Iron Ores on the Northern Shores of the Principality. These Ores have been discovered in the neighbourhood of Rhyl on the Cwm Mountain, and an inferior Hæmatite in the vicinity of Mold. Of these Ores it appears the Principality has furnished during the year about 1320 Tons.

DENBIGHSHIRE and FLINTSHIRE.

BLAST FURNACES.

No.	Names of Works.	Owners.	Furnaces built.	Furnaces in blast.	Furnaces in blast in District.
1	Brymbo - -	The Brymbo Company -	2	2	
2	Coed Talon - -	Oakley & Company -	1		
2	Frood - -	Sparrow & Company -	1	1	
3	Leeswood - -	Messrs. Dalton - -	2	1	
4	Ruabon - -	New British Iron Company	3	2	
5	Plasissa - -	Samuel Gillar - -	1	1	
6	Plaskynaston -	Joseph Jukes - -	1	1	8

Pig Iron 31,420 Tons.

SOUTH WALES.

ANTHRACITE DISTRICT.

The Iron Stone Measures of this district are numerous, the most important beds being in the neighbourhood of Ystalyfera and Yniscedwin. The most valuable are the *Little Vein Mine*, producing 7,000 Tons the acre; the *White Pins*, *Black Vein*, *Big Vein*, and *Brass Vein*, near Ystalyfera; and *Cwm Fil Mine*, *Big Blue Vein*, *Pin Mawr Mine*, and *Little Brass Mine* in Yniscedwin.

The district produced Iron Ore 160,500 Tons.

GLAMORGANSHIRE.

BLAST FURNACES.

No.	Names of Works.	Owners.	Furnaces built.	Furnaces in blast.	Furnaces in blast in District.
1	Aberdare, Abernant, and Llwydcoed . }	Aberdare Iron Company -	3	3	
2	Banwen - -		2	0	
3	Onllwyn or Brin -	L. Llewellyn - -	2	1	
4	Venalt - -	Forthergill, Brown, and Co., } Aberdare Iron Company. }	2	0	
5	Ystalyfera - -	Ystalyfera Iron Company -	10	7	11

BRECKNOCKSHIRE.

1	Abercrave - -	T. Walters - - -	1	1	
2	Yniscedwin - -	Yniscedwin Iron Co. -	7	4	5

CÆRMARTHENSHIRE.

1	Bryn Ammon - -	LLlewellyn - - -	2	2	
2	Gwendraeth - -	T. Watney & Company -	2	1	
3	Trim Saren - -	E. H. Thomas - - -	2	0	3

PEMBROKESHIRE.

1	Sandersfoot - -	Pembroke Iron & Coal Co.	1	0	0
Total Furnaces in blast in Anthracite Districts - - - -					19

PIG IRON 52,755 Tons.

BITUMINOUS COAL DISTRICT.

The important Ironstone beds of this district are widely distributed. On the eastern district of the South Wales coal-field are the *Soap Vein* at Blaenavon and Abersychan, and also the *Three Quarter Balls*, *Pwll Llacca* or *Spotted Pins*, or the *Meadow Vein Mine*, and two or three others of less importance. *Black Band* occurs (over the Red Vein Coal 4 to 8 inches thick) at Pontypool Works, and at Messrs. John and Wightman's Colliery. In the north-eastern district, we have the *Soap Vein Mine*, *Black Pins*, *Spotted Pin or Vein*, and some others at Coalbrook Vale, and *Black Band* above the Soap Vein. At Nantyglo and Beaufort *Black Band* occurs over the Old Coals, and two other beds; and at Sirhowy and Tredegar *Black Band* occurs over the Ell Coal. In the northern district near Dowlais there occurs sixteen Ironstone Beds, the *Soap Vein*, *Spotted Pin*, *Black Pins*, the Top and Bottom *Rosser Mines*, &c. In the central district, *Upper and Lower Black Vein* occurs at Llynvi, and ten other Iron

beds, and at Cwm Avon, are *Black Band*, *Top*, *Middle*, and *Lower Big Mine*, *Balling Mine*, *Cefn Glo Balls*, and four or five other beds.

In the southern district twenty-three Ironstone beds occur at Cefn Cwsc; and *Black Band* lying 25 yards above the Mynyddyslwyn Coal, at Gilfach Bargoed in the Rhymney Valley. At Pentyreh Works, Hæmatite is chiefly employed, which is obtained from the carboniferous limestones on the south of the coal-field.

The Hæmatite Ores of Cornwall and Gloucester, and the Spathose Ores of Devonshire and Somerset, are all sent into South Wales, while, as we have already shown, a large quantity of the Cumberland and Lancashire Hæmatites are also used.

The quantity of Iron Ore raised in all the Bituminous districts has been estimated at

1,665,500 Tons.

GLAMORGANSHIRE.

BLAST FURNACES.

No.	Names of Works.	Owners.	Furnaces built.	Furnaces in blast.	Furnaces in blast in District.
1	Aberamman	Crawshay Bailey	3	3	
2	Cefn Cwsc	North British Banking Co.	2	0	
3	Cwm Avon	Governor and Co. of Copper Mines	5	5	
4	Cyfarthfa	W. Crawshay and Sons	7	6	
5	Dowlais and Ivor	Guest and Company	18	16	
6	Gadlys	Wayne and Company	2	2	
7	Glyn Neath	—	1	0	
8	Hirwain	Francis Crawshay	4	4	
9	Llynvi	Llynvi Iron Company	4	3	
10	Maesteg	Ditto	3	3	
11	Millbrook	Sir G. B. Morris	1	0	
12	Pentyreh	T. W. Booker	2	2	
13	Penydarren	Wm. Forman	6	6	
14	Plymouth	Anthony Hill	9	8	
15	Tondu	Brogden and Sons	2	2	
16	Ynisfach	Wm. Crawshay and Son	4	4	
17	Oakwood	Governor and Co. of Copper Mines	2	0	
			75	64	64

MONMOUTHSHIRE.

No.	Name of Works.	Owners.	Furnaces built.	Furnaces in blast.	Furnaces in blast in District.
1	Abersychan -	Darby, Brown, & Co. - (Ebbw Vale Company.)	6	4	
2	Beaufort - -	Sir Jas. & C. Bailey -	7	7	
3	Blaenavon - -	Blaenavon Iron Company -	5	4	
4	Blaina - - -	Crutwell, Levick & Co. -	3	2	
5	Cwm Celyn - -	Do. - -	2	2	
6	Coalbrooke - -	Do. - -	2	2	
7	Clydach - - -	Powell, & Comp. -	4	3	
8	Cwmbrain - - -	I. Lawrence - -	1	1	
9	Ebbw Vale - - -	Ebbw Vale Iron and Coal Co.	4	3	
10	Golynos - - -	Williams & Co. - -	7	4	
11	Nantyglo - - -	Sir Jos. H. Bailey - -	7	7	
12	Pontypool - - -	Pontypool Iron Company -	4	4	
13	Rhymney - - -	Rhymney Iron Company -	9	8	
14	Sirhowy - - -	Ebbw Vale Iron & Coal Co.	5	4	
15	Tredegar - - -	Tredegar Iron Co. - -	8	8	
16	Victoria - - -	Ebbw Vale Iron Company -	4	2	
Total - -			78	65	65

From the blast Furnaces of Glamorganshire and Monmouthshire, the Bituminous Districts, there was produced—

Pig Iron - - - 787,315 Tons.

Do. The Anthracite Districts - 52,755 Tons.

840,070 Tons, as the produce
of Pig Iron in South Wales.

SCOTLAND.

The principal supply of Ore for the production of Pig Iron in Scotland is from Black Band or Carbonaceous Iron Ores, and the Clay Iron Stones or Argillaceous Iron Ores of the Coal Measures. In the Upper Coal Measures of Lanarkshire occur the—

<i>Palais Craig</i>	-	-	-	-	Black Band.
<i>Muschett's</i>	-	-	-	-	Do.
<i>Bell Side</i>	-	-	-	-	Do.
<i>Kiltongue Mussel Band</i>	-	-	-	-	Do.
<i>Slaty</i>	-	-	-	-	Do.

In the Lower Coal Measures—

No. 1. *Skaterigg*, *Bishoprigg*, or *Leshmagow* Black Band (worked under these different names).

No. 2. *Skaterigg*.

Of Clay Iron Stones, the upper series of Coal Measures contain very small quantities, accompanying the Glasgow Splint Coal, the lower series,—

Crossbasket, from which the largest quantity of Clay Iron Stones are obtained. In Ayrshire are the *Lugar* and the *Dalry* Black Bands, and the *Macdonald Band* and Logan's Band of Clay Iron Stones. Iron Ore produced, 2,400,000 Tons.

AYRSHIRE.

BLAST FURNACES.

No.	Names of Works.	Owners.	Furnaces built.	Furnaces in blast.	Furnaces in blast in District.
1	Ardeer - - -	Merry and Cunningham -	4	3	*
2	Blair - - -	Eglinton Iron Company -	5	2	
3	Dalmellington -	Dalmellington Iron Company	4	3	
4	Eglinton - - -	Eglinton Iron Co. - -	5	5	
5	Glengarnoch - -	Merry and Cunningham -	9	7	
6	Lugar - - -	Trustees of J. Wilson -	4	3	
7	Muirkirk - - -	Do. - - -	3	3	
8	Nithsdale - - -		3	0	
9	New Cumnock - -	New Cumnock Iron Co. -	3	0	
10	Portland - - -	Portland Iron Company -	4	4	30

LANARKSHIRE.

1	Calder - - -	William Dixon - -	7	4	
2	Carnbroe - - -	Merry and Cunningham -	6	4	
3	Castlehill - - -	Shotts' Iron Company -	3	3	
4	Clyde - - -	Colm, Dunlop and Co. -	7	5	
5	Coltness - - -	Coltness Iron Co. -	6	6	
Carried over - - -			29	22	22

* One of the Furnaces at Ardeer Works, belonging to Messrs. Merry and Cunningham, has in one week produced 280 tons of Pig Iron, this is believed to be the largest make ever obtained, in the same time, from one furnace.

No.	Names of Works.	Owners.	Furnaces built.	Furnaces in blast.	Furnaces in blast in District.
LANARKSHIRE—continued.					
		Brought forward - - -	29	22	22
6	Dundyvan - -	Trustees of J. Wilson -	9	6	
7	Gartsherrie - -	Wm. Baird & Company -	16	15	
8	Govan - - -	William Dixon - -	6	4	
9	Langloan - -	Addie, Miller, & Rankine -	6	5	
10	Monkland - -	Monkland Iron and Steel Co.	9	8	
11	Omoa - - -	Robert Stewart - -	4	3	
12	Shotts - - -	Shotts Iron Company -	4	3	
13	Summerlee - -	Wilson & Company - -	6	6	72

FIFESHIRE.

1	Forth - - -	Forth Iron Company - -	6	6	
2	Lochgelly - -	Lochgelly Iron Company -	2	2	
3	Lumfinnan - -	Lumfinnan Iron Co. - -	1	1	9

LINLITHGOWSHIRE.

1	Kinniel - - -	Trustees of J. Wilson -	4	3	3
---	---------------	-------------------------	---	---	---

STIRLINGSHIRE.

1	Almond Bank - -	James Russell & Son - -	2	2	
2	Carron - - -	Carron Company - -	4	3	5

CLACKMANNANSHIRE.

1	Devon - - -	Andrew Christie - -	3	1	1
---	-------------	---------------------	---	---	---

DUMBARTONSHIRE.

1	Garscube - - -	Montgomrie & Fleming -	2	0	
---	----------------	------------------------	---	---	--

HADDINGTONSHIRE.

1	Gladsmuir or West-bank.	Charles Christie -	2	1	1
---	-------------------------	--------------------	---	---	---

ARGYLESIRE.

1	Bunawe in Lorn* -	Harrison, Ainslie, & Co. -	1	1	1
	Furnaces in blast in Scotland -	-			122

PIG IRON - - - 827,500 Tons.

* Charcoal Furnace using Hæmatite Iron Ore from Cumberland.

NUMBER OF FURNACES IN BLAST IN GREAT BRITAIN.

ENGLAND.

No. of Works.	County.	No. of Furnaces in blast.	Total.
6	Northumberland - - - -	9	
13	Durham - - - -	34	
19	Yorkshire - - - -	43	
14	Derbyshire - - - -	24	
1	Lancashire - - - -	2	
1	Cumberland - - - -	3	
13	Shropshire - - - -	26	
72	Staffordshire - - - -	166	
4	Gloucestershire - - - -	4	
			511

WALES.

6	Denbighshire - - - -	8	
5	Glamorganshire - - - -	75	
2	Brecknockshire - - - -	5	
3	Cærmarthenshire - - - -	3	
1	Pembrokeshire - - - -	0	
16	Monmouthshire - - - -	65	
			156

SCOTLAND.

10	Ayrshire - - - -	30	
13	Lanarkshire - - - -	72	
3	Fifeshire - - - -	9	
1	Linlithgowshire - - - -	3	
2	Stirlingshire - - - -	5	
1	Clackmannanshire - - - -	1	
1	Dumbartonshire - - - -	—	
1	Haddingtonshire - - - -	1	
1	Argyleshire - - - -	1	122
Total Number of Iron Furnaces in Blast in 1855 -			589

TOTAL PRODUCE OF PIG IRON IN GREAT BRITAIN IN 1855.

					Tons.
Northumberland and Durham	-	-	-	-	214,020
Yorkshire	-	-	-	-	175,340
Derbyshire	-	-	-	-	116,550
Lancashire and Cumberland	-	-	-	-	16,574
Shropshire	-	-	-	-	121,680
Staffordshire	-	-	-	-	855,500
Gloucestershire	-	-	-	-	19,500
NORTH WALES	-	-	-	-	31,420
SOUTH WALES (Anthracite)	-	-	-	-	52,755
Do. (Bituminous)	-	-	-	-	787,315
SCOTLAND	-	-	-	-	827,500
					<u>3,218,154</u>

EXPORTS AND IMPORTS.

PIG, and BUNDLE and BAR IRON sent foreign from the undermentioned Ports.

(The basis for this return is *Brown's Export List*, to which the different Custom Houses furnish, monthly, a return of Coal and Iron Exports.)

ENGLAND.

Ports.	Pig Iron.	Bundle and Bar Iron.
	Tons.	Tons.
Liverpool	27,282	122,113
Newcastle	8,116	3,634
Sunderland	6,873	1,332
Hartlepool	1,196	38
Middlesbro'	16,355	577
Stockton	60	82
Hull	157	21,744
Goole	—	1,681
Grimsby	—	14,447
Shields	30	—
Bristol	30	26,524
Whitehaven	—	2

WALES.

Ports.					Pig Iron.	Bundle and Bar Iron.
					Tons.	Tons.
Newport	-	-	-	-	2,595	4,269
Swansea	-	-	-	-	1,618	1,376
Cardiff	-	-	-	-	110	17,488
Neath	-	-	-	-	20	—
Port Talbot	-	-	-	-	—	512
Llanelly	-	-	-	-	—	899

SCOTLAND.

Glasgow	-	-	-	-	71,995	12,388
Borrowstoness	-	-	-	-	23,730	505
Grangemouth	-	-	-	-	48,660	2,760
Ardrossan	-	-	-	-	29,572	—
Greenock	-	-	-	-	4,394	583
Alloa	-	-	-	-	9,016	—
Troom	-	-	-	-	1,211	149
Ayr	-	-	-	-	735	—
Bowling Bay	-	-	-	-	780	—

IRON IMPORTED into the United Kingdom in the Year ending 31st December 1855, and the two previous Years,—

	1855.	1854.	1853.
	Tons.	Tons.	Tons.
Iron in Bars, unwrought	37,407	41,745	47,776
Steel, unwrought	971	1,409	1,362

IRON EXPORTED from the United Kingdom in the Year ending 31st December 1855, and the two previous Years.

PRODUCE OF THE UNITED KINGDOM.

Produce.				Declared value.		
	1855.	1854.	1853.	1855.	1854.	1853.
	Tons.	Tons.	Tons.	£	£	£
Iron Pig - -	293,584	293,432	333,585	1,080,108	1,244,853	1,056,310
Bar, Bolt, and Rod	542,754	616,718	653,902	4,626,410	5,731,671	5,647,773
Wire - - -	5,919	7,937	9,912	125,936	168,490	201,842
Cast Iron - -	69,861	69,348	60,979	659,632	727,428	576,814
Wrought Iron -	167,483	188,445	182,606	2,395,626	3,120,381	2,680,550
Steel unwrought -	16,678	20,793	20,288	585,174	681,852	684,133

FOREIGN AND COLONIAL PRODUCE.

	1855.	1854.	1853.
	Tons.	Tons.	Tons.
Iron in Bars, unwrought - -	3,173	4,341	5,458
Steel, unwrought - - -	1,185	1,340	1,171

FOREIGN SHIPMENTS OF SCOTCH PIG IRON in 1855.

	Tons.
United States - - - -	57,207
British America - - - -	6,631
South America - - - -	1,951
Australia - - - -	761
West Indies - - - -	44
East Indies - - - -	901
Germany - - - -	48,212
Holland - - - -	29,598
France - - - -	66,849
Italy - - - -	8,769
Denmark - - - -	9,672
Sweden and Norway - - -	2,877
Turkey and Egypt - - -	2,415
Spain and Portugal - - -	7,050
Belgium - - - -	6
Jersey and Guernsey - - -	165
	<u>243,108</u>

Scotch Pig Iron exported	- - -	- 43,108 Tons.
Do. sent Coastways and by Railways	- - -	- 297,892 „
Local Consumption	- - -	- 334,000 „
		<hr/> 875,000
Excess beyond the Production of the Year	- - -	- 47,500

EXPORTS of PIG IRON, and RODS, BARS and BOLTS, from Liverpool to the United States in 1855.

	Pig Iron. Tons.	Rods, Bars and Bolts. Tons.
New York - - -	11,685	40,619
Boston - - -	756	12,530
Philadelphia - - -	1,823	7,155
New Orleans - - -	442	723
Baltimore - - -	538	2,912
Charleston - - -	60	211
San Francisco - - -	100	179
Savannah - - -	—	555
Mobile - - -	—	68
Sundry Ports - - -	30	34
	<hr/> 15,434	<hr/> 64,986

EXPORTS of PIG IRON, and RODS, BARS and BOLTS, from Liverpool to British North America.

	Pig Iron. Tons.	Rods, Bars and Bolts. Tons.
Montreal - - -	—	724
Quebec - - -	—	1,339
St. John's N. B. - - -	40	2,753
Halifax N. S. - - -	20	225
Newfoundland - - -	—	175
Sundry Ports - - -	—	1,091
	<hr/> 60	<hr/> 6,307

	1854,	1855,
Total Exports of Iron to the United States from Liverpool - - }	232,420	142,255 ; decrease 90,164.
Total Exports of Iron to British North America from Liverpool }	30,728	12,813 ; decrease 17,915.

1855.

COALS.

COLLIERIES IN THE UNITED KINGDOM.

COLLIERIES IN THE UNITED KINGDOM.							No. in District.	No. in County.
DURHAM and NORTHUMBERLAND :								
Tyne, Blyth, and Coquet District							- 100	
Wear and Seaham							- 34	
Tees, Hartlepool, and Stockton							- 65	
Landsale Collieries in all the Districts							- 74	273
CUMBERLAND							-	23
YORKSHIRE :								
Leeds District							- 65	
Bradford							- 42	
Huddersfield							- 46	
Barnsley							- 37	
Halifax							- 26	
Wakefield							- 34	
Rotherham							- 17	
Sheffield							- 27	
Dewsbury							- 26	
Penistone							- 4	
Pontefract							- 4	
Bingley							- 4	
Settle							- 1	333
DERBYSHIRE :								
Chesterfield							- 42	
Dronfield							- 63	
Alfreton							- 29	
Ripley							- 10	
Glossop							- 9	
Ilkeston							- 8	
Burton-on-Trent							- 9	
Belper							- 1	171
NOTTINGHAMSHIRE :								
Nottingham							-	} 20
Eastwood							-	
Mansfield							-	
Alfreton							-	
WARWICKSHIRE								
							-	17
LEICESTERSHIRE								
							-	11
NORTH STAFFORDSHIRE :								
Cheadle							- 16	
Longton							- 23	
Hanley							- 13	
Carried forward							52	

NORTH STAFFORDSHIRE— <i>continued.</i>						No. in District.	No. in County.
Brought forward	-	-	-	-	-	52	
Burslem	-	-	-	-	-	18	
Tunstall	-	-	-	-	-	15	
Biddulph	-	-	-	-	-	11	
Newcastle-under-Lyne	-	-	-	-	-	27	
							123

SOUTH STAFFORDSHIRE and WORCESTERSHIRE :

Rugeley	-	-	-	-	-	3	
Wyrley	-	-	-	-	-	11	
Darlaston	-	-	-	-	-	9	
Bilston	-	-	-	-	-	57	
Willenhall	-	-	-	-	-	20	
Wolverhampton	-	-	-	-	-	24	
Sedgley	-	-	-	-	-	17	
Tipton	-	-	-	-	-	23	
Rowley Regis	-	-	-	-	-	14	
Oldbury	-	-	-	-	-	37	
Westbromwich	-	-	-	-	-	60	
Wednesbury	-	-	-	-	-	20	
Corngreaves	-	-	-	-	-	25	
Dudley	-	-	-	-	-	36	
Brierley Hill, &c.	-	-	-	-	-	21	
							377

LANCASHIRE:

Ashton-under-Lyne	-	-	-	-	-	7	
Blackburn	-	-	-	-	-	22	
Bolton	-	-	-	-	-	51	
Burnley	-	-	-	-	-	15	
Bury	-	-	-	-	-	11	
Chorley	-	-	-	-	-	6	
Leigh	-	-	-	-	-	15	
Manchester	-	-	-	-	-	15	
Oldham	-	-	-	-	-	24	
Rainford	-	-	-	-	-	13	
Rochdale	-	-	-	-	-	78	
St. Helens	-	-	-	-	-	30	
Wigan	-	-	-	-	-	70	
							357

CHESHIRE	-	-	-	-	-	-	32
SHROPSHIRE	-	-	-	-	-	-	56
GLOUCESTERSHIRE	-	-	-	-	-	-	55
SOMERSETSHIRE	-	-	-	-	-	-	31
DEVONSHIRE	-	-	-	-	-	-	2

WALES.

NORTH WALES.

ANGLESEA	-	-	-	-	-	-	5
FLINTSHIRE	-	-	-	-	-	-	31
DENBIGHSHIRE	-	-	-	-	-	-	29

							No. in District.	No. in County.
SOUTH WALES.								
PEMBROKESHIRE	-	-	-	-	-	-	-	18
CARMARTHENSHIRE	-	-	-	-	-	-	-	47
GLAMORGANSHIRE	-	-	-	-	-	-	-	117
MONMOUTHSHIRE	-	-	-	-	-	-	-	63

SCOTLAND.

LANARKSHIRE :								
Glasgow	-	-	-	-	-	-	-	14
Rutherglen	-	-	-	-	-	-	-	11
Shettleston	-	-	-	-	-	-	-	6
Ballieston	-	-	-	-	-	-	-	15
Coatbridge	-	-	-	-	-	-	-	18
Airdrie	-	-	-	-	-	-	-	35
Holytown	-	-	-	-	-	-	-	14
Motherwell	-	-	-	-	-	-	-	4
Wishaw	-	-	-	-	-	-	-	18
Hamilton, &c.	-	-	-	-	-	-	-	22
								157
AYRSHIRE :								
Ayr	-	-	-	-	-	-	-	17
Irvine	-	-	-	-	-	-	-	25
Kilmarnock	-	-	-	-	-	-	-	30
New and Old Cumnock	-	-	-	-	-	-	-	20
								92
FIFESHIRE :								
Kirkcaldy and Dumferline	-	-	-	-	-	-	-	29
Cupar	-	-	-	-	-	-	-	13
								42
CLACKMANNANSHIRE	-	-	-	-	-	-	-	10
HADDINGTONSHIRE	-	-	-	-	-	-	-	11
EDINBURGHSHIRE	-	-	-	-	-	-	-	13
LINLITHGOWSHIRE	-	-	-	-	-	-	-	15
STIRLINGSHIRE	-	-	-	-	-	-	-	35
DUMBARTONSHIRE	-	-	-	-	-	-	-	11
RENFREWSHIRE	-	-	-	-	-	-	-	11
DUMFRIESHIRE	-	-	-	-	-	-	-	4
PEEBLESHIRE	-	-	-	-	-	-	-	1
PERTHSHIRE	-	-	-	-	-	-	-	1

IRELAND.

LEINSTER Coal Field	-	-	-	-	-	-	-	5
TIPPERARY Coal Field	-	-	-	-	-	-	-	5
MUNSTER Coal Field	-	-	-	-	-	-	-	2
CONNAUGHT Coal Field	-	-	-	-	-	-	-	5
TYRONE Coal Field	-	-	-	-	-	-	-	2

Total Number of Collieries in

ENGLAND	-	-	-	-	-	-	1,881
WALES	-	-	-	-	-	-	310
SCOTLAND	-	-	-	-	-	-	403
IRELAND	-	-	-	-	-	-	19

1855.

COALS.

ENGLAND.

The NORTHERN COAL FIELD of DURHAM and NORTHUMBERLAND.

In this great Coal Field there have been, during 1855, 273 collieries at work. The total produce of the district being—

15,431,400 Tons of Coals.

The seams which are principally worked in this district are the *High Main*, *Five Quarter Main Coal*, *Bensham Seam*, *Hutton Seam*, *Beaumont Seam*, *Low Five Quarter*, *Three Quarter Seam*, *Brockwell* and *Stone Coal*.

These seams are known by other names, each district usually adopting its own peculiar term to designate the workable coal seams. Thus the *Bensham Seam* of the Tyne is known as the *Maudlin Seam* of the Weir. The *Beaumont* or *Harvey Seam* is the *Townley Seam* of the Townley Colliery and the *Main Coal* of the Wylam Colliery.

At Hetton, the *High Main Seam* of the Cramlington district separates into two, and is called the *Three Quarter Seam* at Pontop, where it unites again, it is known as the *Shieldrow Seam*. The Cramlington *Grey Seam* is the *Metal Coal Seam*, and *Stone Coal Seam* of Sheriff Hill, where it is divided while it unites at Hetton, and forms the *Five Quarter Seam* of that and the Auckland district. The Cramlington *Yard Seam* becomes the *Main Coal Seam* at Hetton, Haswell, and some other localities, the *Brass Thill* at Pontop, and the *Main Coal* in Auckland.

Again the Cramlington *Five Quarter Seam*, divides and forms the *Six Quarter* and the *Five Quarter* at Sheriff Hill, the *Brass Thill Seam* at Pitington; they unite again and form the *Hutton Seam* at Pontop Colliery, and so with regard to a few others.

The NUMBER of COLLIERIES.

Tyne, Blyth, and Coquet District	-	-	-	-	100
Wear and Seaham District	-	-	-	-	34
Tees, Hartlepool, and Stockton District	-	-	-	-	64
Landsale Collieries in all the Districts	-	-	-	-	74
					<hr/> 272

General Summary of the Coal Produce of DURHAM and NORTHUMBERLAND in the Year 1855.

	Tons.
Sent to London by Sea	- - - 3,016,868
Ditto, by Rail	- - - 221,689
	<hr/> 3,238,557
Sent to Coasting Markets other than London by Sea	- 2,404,471
(including 10,774 Tons of Coke equivalent in Coals)	
Railway Sale including Coke	- 2,924,000
Oversea (including 191,516 Tons Coke equivalent in Coals)	- 3,014,372
Coals used in Iron Works	- 1,200,000
Colliery Consumption	- 1,150,000
Local Consumption, Manufactories and General Purposes	- 1,500,000
	<hr/> 15,431,400

MONTHLY RETURN of COALS and COKE, sent to London and other Ports of the UNITED KINGDOM, from the Durham and Northumberland Coal Fields, from the under-mentioned Ports.

64

—	NEWCASTLE.		SHIELDS.		BLYTH.		AMBLE.		SUNDERLAND.		SEAHAM.		HARTLEPOOL.		STOCKTON.		MIDDLESBORO.	
	Coals.	Coke.	Coals.	Coke.	Coals.	Coke.	Coals.	Coke.	Coals.	Coke.	Coals.	Coke.	Coals.	Coke.	Coals.	Coke.	Coals.	Coke.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
January -	183,297	550	1,768	—	5,512	—	3,236	—	101,704	20	38,135	—	101,007	41	283	—	7,781	—
February -	116,155	221	5,522	—	1,947	—	1,352	—	63,136	106	15,970	—	56,519	50	457	—	5,671	27
March -	156,693	853	2,303	—	5,805	—	3,935	—	87,336	33	32,766	—	90,327	291	582	—	6,754	—
April -	145,349	450	3,770	—	5,456	—	2,655	—	99,832	19	56,654	—	82,502	113	642	—	7,264	30
May -	181,177	389	3,261	—	9,304	—	3,549	—	115,322	28	55,898	—	101,208	22	438	—	11,525	163
June -	165,371	247	1,819	—	7,158	—	3,901	—	116,692	22	60,463	—	92,578	72	754	—	11,848	66
July -	173,892	974	—	—	13,036	—	3,908	—	119,378	127	62,302	—	91,051	103	767	—	13,967	80
August -	185,194	1,625	4,415	—	13,955	—	5,592	—	145,788	—	72,271	—	110,114	152	598	50	17,553	61
September -	170,500	805	2,959	—	9,358	—	3,543	—	131,473	303	62,606	—	98,884	370	540	—	14,488	80
October -	196,098	882	4,778	43	11,259	—	2,433	—	136,794	—	63,630	—	106,286	189	1,177	—	16,216	118
November -	188,561	401	3,576	—	9,063	—	2,480	—	130,606	61	39,533	—	107,788	36	631	11	14,522	—
December -	166,728	225	4,580	—	4,838	—	1,537	—	106,660	34	34,033	—	99,514	30	307	—	7,495	10

COAL RETURNS.

Quantities of COALS and COKE sent to various Ports of the United Kingdom, from the DURHAM and NORTHUMBERLAND Coal-field, as given in Parliamentary Return.

				Coals.	Coke.
				Tons.	Tons.
Newcastle	-	-	-	2,014,760	7,599
Shields	-	-	-	164,339	52
Sunderland	-	-	-	1,942,060	801
Stockton	-	-	-	141,454	751
Hartlepool	-	-	-	1,137,178	1,571
				4,399,791	10,774

The names of the Ports of Blyth, Amble, Seaham and Middlesborough, do not occur in the above Return, but they are included in the Returns from Sunderland and Shields.

From Berwick-upon-Tweed, 50 Tons of Coals, from the neighbouring pits in the mountain limestone, were exported.

Quantities of COALS and COKE sent to Foreign Ports, from the Coal-field of DURHAM and NORTHUMBERLAND.

				Coals.	Coke.
				Tons.	Tons.
Newcastle	-	-	-	1,417,640	102,784
Shields	-	-	-	168,433	2,086
Sunderland	-	-	-	542,163	28,165
Stockton	-	-	-	74,525	17,980
Hartlepool	-	-	-	428,579	40,501
				2,631,340	191,516

Blyth, Amble, Seaham, and Middlesborough are included in the Returns from Shields, Sunderland and Stockton.

Berwick, sent Foreign 407 Tons of Coals.

MONTHLY RETURN of COALS and COKE exported to FOREIGN COUNTRIES, from the undermentioned Ports
of the Counties of Northumberland and Durham, and from Middlesborough, in 1855.

—	NEWCASTLE.		SHIELDS.		BLYTH.		AMBLE.		SUNDERLAND		SEAHAM.		HARTLEPOOL.		STOCKTON.		MIDDLESBRO'.	
	Coals.	Coke.	Coals.	Coke.	Coals.	Coke.	Coals.	Coke.	Coals.	Coke.	Coals.	Coke.	Coals.	Coke.	Coals.	Coke.	Coals.	Coke.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
January -	61,459	7,453	2,544	411	4,073	—	743	—	24,511	1,392	3,269	—	16,484	532	—	—	1,312	363
February -	45,167	4,634	3,944	—	1,497	—	—	—	10,937	1,901	384	—	7,951	134	—	—	1,641	—
March -	100,778	5,302	6,790	495	6,757	—	1,667	—	38,323	3,170	3,449	—	28,435	4,827	105	—	4,562	440
April -	112,459	9,163	5,108	185	10,168	—	2,825	—	40,945	2,768	6,139	—	32,271	4,495	16	—	4,331	1,041
May -	142,223	7,392	11,115	—	6,843	—	2,126	—	39,866	2,139	8,267	—	46,007	4,628	116	—	7,619	1,600
June -	164,861	12,528	10,068	—	10,554	—	4,177	—	58,596	2,137	12,001	—	63,065	4,142	517	—	8,833	3,711
July -	184,624	8,933	6,898	352	16,265	—	3,732	—	52,788	5,163	9,439	—	58,689	3,414	325	—	12,029	1,976
August -	177,982	11,087	6,712	1,339	13,782	—	1,617	—	55,527	3,285	9,736	—	51,227	4,728	85	172	9,169	2,040
September -	148,985	7,325	6,231	372	12,439	—	1,122	—	53,670	1,330	7,481	—	49,285	2,974	744	—	10,101	2,004
October -	116,681	7,952	6,225	563	10,662	—	2,149	—	51,440	1,992	6,119	—	42,900	2,123	90	—	8,011	2,517
November -	97,708	7,713	5,266	—	5,781	—	1,293	—	32,894	1,961	2,344	168	29,046	1,125	235	—	2,937	1,411
December -	53,336	6,567	1,048	—	2,621	—	763	—	15,590	342	1,080	28	15,025	788	—	—	1,694	1,013

MONTHLY RETURNS of COALS sent by sea to London from the DURHAM and NORTHUMBERLAND Coal-field in 1855.

Months.	Newcastle.	Sunderland.	Seaham.	Hartlepool and W. Hartlepool.	Stockton and Middlesbro'.	Blyth.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
January -	109,554	35,380	11,223	43,058	2,736	1,091
February -	98,885	57,375	14,430	62,137	2,717	2,520
March -	101,341	37,928	20,230	68,910	—	3,794
April -	114,978	48,349	29,130	64,759	497	1,743
May -	107,900	41,822	26,268	54,442	520	1,836
June -	93,612	49,609	28,299	42,490	455	1,496
July -	74,189	46,170	24,921	40,234	4,216	1,819
August -	97,009	24,670	55,908	60,492	4,709	3,490
September -	97,554	23,679	54,828	57,929	5,322	5,269
October -	139,989	34,594	71,904	64,589	6,831	2,811
November -	126,594	20,722	68,416	62,437	4,496	2,466
December -	67,923	9,283	33,979	40,564	3,278	1,579

RAILWAY DISTRIBUTION.

NORTH-EASTERN RAILWAY.

	Tons.	Tons.
For local consumption or land sale, distributed over the district between <i>Kelso</i> and <i>Berwick</i> , in the North, and <i>Leeds</i> , <i>Knottingley</i> , and <i>Altofts</i> , in the South	1,529,015	
Shipped at <i>Hull</i>	2,499	
Used by Company	42,806	= 1,574,320
For places south of <i>Altofts</i> , <i>Knottingley</i> and <i>Leeds</i> , and north of <i>Kelso</i> and <i>Berwick</i>		308,755
Coke carried for consumption between <i>Kelso</i> and <i>Berwick</i> , in the North, and <i>Leeds</i> , <i>Knottingley</i> , and <i>Altofts</i> , in the South	9,741	
Shipped at <i>Hull</i>	1,636	
Used by Company	148,113	
Equivalent in Coals of Coke	159,490	= 318,900
Coke to districts South of <i>Altofts</i> , <i>Knottingley</i> , and <i>Leeds</i> , and places North of <i>Kelso</i> and <i>Berwick</i>	505,366	
Equivalent in Coal	-	1,010,700
GREAT NORTHERN RAILWAY	-	278,454

NEWCASTLE AND CARLISLE RAILWAY.

Coals passed over the line and shipped at Maryport	-	-	81,539
Ditto ditto Port Carlisle	-	-	17,868
Ditto and distributed for local consumption at the stations along the line	-	-	300,000
Coke, 3,647 Tons, shipped at Maryport, equivalent in Coals	-	-	7,390

From the NORTHUMBERLAND and DURHAM districts, the Great Northern Railway Company received, for the London district, which extends to Hatfield, Coals from the following Collieries and Railway Stations :—

						<u>Tons.</u>	<u>Cwts.</u>
Adelaide	-	-	-	-	-	41,811	0
Bell Ing	-	-	-	-	-	2,783	9
Ditto, smudge	-	-	-	-	-	22	9
Ditto, soft	-	-	-	-	-	50	1
Belmont	-	-	-	-	-	6,847	3
Cassop	-	-	-	-	-	13	13
Chilton	-	-	-	-	-	70	14
Lambton	-	-	-	-	-	67,457	7
Rainton	-	-	-	-	-	121	15
Stanley Main	-	-	-	-	-	14	10
Stewart	-	-	-	-	-	21,379	15
Usworth	-	-	-	-	-	49,663	2
Whitwell	-	-	-	-	-	173	17
Woodhouse Close	-	-	-	-	-	876	1

By EASTERN COUNTIES RAILWAY there was received the following quantities of Coals for the London districts, including Brentwood and Romford :—

						<u>Tons.</u>	<u>Cwts.</u>
Etherley	-	-	-	-	-	6,433	2
Heugh Hall	-	-	-	-	-	29	0
Lambton Primrose	-	-	-	-	-	61	8
Ramton	-	-	-	-	-	425	5
Stewarts	-	-	-	-	-	6,476	2
Tanfield	-	-	-	-	-	30	0
Whitwell	-	-	-	-	-	5,205	13

CUMBERLAND.

The total number of Collieries worked during the year were 23, and from these there were produced

809,546 Tons of Coals.

There are three workable seams of Coals in the Cumberland Coal-field, but they change their names in the neighbourhood of the three under-mentioned towns :

WHITEHAVEN.	WORKINGTON.	MARYPORT.
1. <i>Bannoch Band.</i>	1. <i>Moorbanks.</i>	1. <i>Ten Quarters.</i>
2. <i>Main Band.</i>	2. <i>Main Seam.</i>	2. <i>Cannel and Metal Seams</i> (divided with Shale from 2 feet to 5 fathoms thick).
3. <i>Six Quarter Coal or</i> <i>Low Bottom Seam.</i>	3. <i>Hamilton Seam.</i>	3. <i>Lickbank Seam</i> (not workable).

The quantity of Coals produced and shipped in Cumberland for 1855, from 1st January to 31st December :—

	Tons.
Maryport—for British Ports - - - -	211,585
„ for Foreign Ports - - - -	967
Workington—for British Ports - - - -	104,109
„ for Foreign Ports - - - -	479
Harrington—for British Ports - - - -	9,875
Whitehaven—for British Ports - - - -	211,162
„ for Foreign Ports - - - -	985
Total shipped from Cumberland - - - -	539,162
Coal for land sale sent by Railway - - - -	11,346
Used at Iron Furnaces - - - -	49,628
Hume Consumption, chiefly in Maryport, Cocker- mouth, Whitehaven, St. Bees, Egremont, &c. - - - -	210,410
Total - - - - -	809,546 Tons

YORKSHIRE.

The number of Collieries worked during the year were 333, from which were produced—

7,747,470 Tons of Coals.

The principal seams worked near Leeds are the *Bowling, Middleton Seam, Beeston Park*; beyond these are the *Silkstone or Blocking, Barnsley Thick or 9 feet Coal, the Top Flocton, Park Gate, Thorncliffe, Gannister Coal, and Low Main.*

The districts of the West Riding respectively produced as follows :—

	Tons.
Leeds - - - - -	2,016,550
Bradford - - - - -	1,115,000
Wakefield - - - - -	694,360
Huddersfield - - - - -	300,000
Barnsley - - - - -	1,625,000*
Halifax - - - - -	348,550
Rotherham - - - - -	555,000
Sheffield - - - - -	653,500
Dewsbury - - - - -	439,510
Total - - - - -	<u>7,747,470</u>

* The Coal produce from the Barnsley district appears to have been as follows :—

Barnsley Thick or 9 feet Coal—	Wooley Coal Company.	
" "	Thorp's North Gawber Hall.	
" "	Do. Old Gawber.	
" "	Sturges, Paley, and Mason.	
" "	Day and Twibell.	
" "	Firth, Barber, and Co., "Oaks."	
" "	Darley Main Company.	
" "	Worsbro' Park, Firth and Co., and Faulds.	
" "	Hoyland and Elsecar.	
" "	Bell Ing.	
Thin Coal - - - - -	Corkwood.	
" - - - - -	Law and Son.	
Nine Feet - - - - -	Charlesworth and Co.	
" - - - - -	Hall and Storer.	
" - - - - -	Lord Fitzwilliam.	
" - - - - -	Elsecar and Newbegar.	
Silkstone - - - - -	Clarks.	
" - - - - -	Charlesworth and Co.	
" - - - - -	Newton, Chambers and Co.	
" - - - - -	Beets.	
" - - - - -	Welcock and Marshall.	
		1,105,000 Tons.
		430,000 Tons.

Upon comparing this with the lists of Collieries, it will be seen that the divisions of the districts do not quite agree. As representing the Coal Beds worked, the above is correct, and the Collieries in the lists are equally so, as it regards their relative distances from the post-towns named.

MONTHLY RETURN of the COALS and COKE exported to Foreign Countries from the Ports of YORKSHIRE.

Months.			HULL.	GRIMSBY.	GOOLE.
			Tons.	Tons.	Tons.
January	-	-	394	381	11,026
February	-	-	840	21	2,309
March	-	-	816	—	8,983
April	-	-	736	—	4,173
May	-	-	1,122	—	6,257
June	-	-	1,068	—	7,490
July	-	-	601	325	8,770
August	-	-	1,183	—	11,237
September	-	-	1,215	—	6,944
October	-	-	2,358	—	7,175
November	-	-	2,130	183	8,636
December	-	-	1,496	550	3,253

MONTHLY RETURN of COALS and COKE sent to various Ports in the United Kingdom from the Ports of YORKSHIRE.

Months.			HULL.		GRIMSBY.		GOOLE.	
			Coals.	Coke.	Coals.	Coke.	Coals.	Coke.
			Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
January	-	-	8,662	—	—	—	172	—
February	-	-	2,776	299	—	—	—	—
March	-	-	5,660	—	708	—	—	—
April	-	-	3,183	—	—	—	20	—
May	-	-	4,055	400	—	—	480	—
June	-	-	4,592	77	470	—	521	—
July	-	-	6,126	227	—	—	223	58
August	-	-	3,919	45	—	—	200	—
September	-	-	3,767	—	—	—	145	—
October	-	-	6,539	84	1,322	—	200	—
November	-	-	5,732	44	830	—	—	—
December	-	-	8,827	450	582	—	78	*

* Eighty Tons of Coke were also shipped for English Ports at Goole during the year.

Quantities of Coals and Coke shipped from the ports of Yorkshire and from the Lincolnshire port Gainsborough, to other ports of the United Kingdom, according to the Parliamentary Return.

	Coals.	Coke.
	Tons.	Tons.
Hull - - - -	14,952	—
Gainsborough - - - -	5,032	—
Grimsby - - - -	1,974	—
Goole - - - -	85,700	40
Total - - - -	117,658	40

Quantities of Coals and Coke shipped from the following ports in Yorkshire for Foreign Countries, according to the Parliamentary Return.

	Coals.	Coke.
	Tons.	Tons.
Hull - - - -	68,657	1,583
Grimsby - - - -	6,114	300
Goole - - - -	1,739	58
Total - - - -	76,510	1,941

RAILWAY DISTRIBUTION.

The NORTH-EASTERN RAILWAY carrying for towns on the Line, for land sales -	278,288*
For shipment at Hull - - - -	33,756
For do at Selby - - - -	325
MIDLAND RAILWAY carried for Rugby and places on the London and North Western - - - -	276
MIDLAND RAILWAY carried to Peterborough and places on the Eastern-Counties Railway - - - -	53,624
MIDLAND RAILWAY to stations south of Masborough, including Birmingham and Gloucester - - - -	12,021
MIDLAND RAILWAY to stations north of Masborough to Lancaster and Morecombe Bay - - - -	107,793
GREAT NORTHERN to London district, including Hatfield - - - -	262,382
GREAT NORTHERN to Welwyn and Peterborough - - - -	67,410
GREAT NORTHERN to Tallington and Arksey - - - -	51,574
GREAT NORTHERN to Peakirk and Lea - - - -	62,372
GREAT NORTHERN to the East Lincolnshire Line - - - -	30,600

MANCHESTER, SHEFFIELD, and LINCOLNSHIRE RAILWAY received at the following stations for transmission :—

	Tons.
Dunford Bridge - - - -	12,229
Hayle Head - - - -	3,258
Silkstone - - - -	33,250
Dodworth - - - -	153
Thurgoland - - - -	70,636
Deep-car - - - -	232
Sheffield - - - -	599
Woodhouse - - - -	57,663
Beighton - - - -	8,449 = 186,469

* A small quantity of this is received from the Lancashire Collieries.

These quantities of Coal were delivered at the stations between Sheffield and New Holland, the principal being :—

	Tons.
Worksop - - - - -	5,775
Retford - - - - -	4,509
Gainsborough - - - - -	2,071
Kirton Lindsey - - - - -	3,402
Market Rasen - - - - -	10,369
Langworth - - - - -	2,239
Lincoln - - - - -	6,471
Grimsby - - - - -	15,123
New Holland - - - - -	2,861

From the Yorkshire district the GREAT NORTHERN RAILWAY COMPANY received, for the London district, the following Coals :—

	Tons.	Cwts.
Adwalton - - - - -	47	17
Charlesworth - - - - -	225	14
Darley Main - - - - -	793	9
Darley Soft - - - - -	7	10
Elsecar - - - - -	21,511	4
Flockton - - - - -	90	15
Gawber - - - - -	27,356	0
Hoyland - - - - -	5,529	12
Melton - - - - -	1,408	7
Melton Field - - - - -	98	19
Oaks - - - - -	8,060	16
Old Silkstone - - - - -	13	2
Rothwell Haigh - - - - -	8,993	16
Silkstone - - - - -	126,484	1
Thorncliffe - - - - -	21	14
Whitwood - - - - -	14,374	13
Wombell Main - - - - -	9,238	5
Wombell Slack - - - - -	10	12
Wooley - - - - -	150	17
Worsborough Park - - - - -	2,204	14
Wharnccliffe Park Gate - - - - -	5,771	17

The NORTH WESTERN RAILWAY COMPANY received, for the London district, the following Coals :—

	Tons.	Cwts.
Altofts - - - - -	4	12
Barnsley House - - - - -	1,954	19
Swinton - - - - -	3,848	4
West Riding - - - - -	11	10

The EASTERN COUNTIES RAILWAY COMPANY received, for the London district, the following Coals :—

	Tons.	Cwts.
Barnsley - - - - -	2,707	14
Charlesworth - - - - -	6	4
Charlesworth Hard - - - - -	17	3
Gawber Hall - - - - -	488	13
New Swinton - - - - -	1,330	12
Rothwell - - - - -	165	9
Rothwell Haigh - - - - -	10,508	13
Robin Hood - - - - -	78	10
Silkstone - - - - -	9,303	3
South Yorkshire - - - - -	4,952	16

The Barnsley Coals are largely sent by the river Dearne to Sheffield and Doncaster, and by the Barnsley and Wakefield canal to Leeds and Wakefield.

MONTHLY RETURNS of the COALS sent by sea from the Yorkshire Coal-fields to London in 1855.

	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct	Nov.	Dec.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
Barnsley - -	415	—	—	—	—	—	—	60	—	—	—	—
Gawber Hall - -	592	693	677	624	593	544	672	677	467	355	944	225
New Market - -	382	220	147	309	268	303	88	—	133	270	72	—
Victoria Hartley -	440	—	174	235	77	—	178	542	70	366	175	229
W. Riding Hartley's	157	233	706	623	—	1,528	560	1,171	1,307	1,097	1,486	257
W.E.GarforthHouse	—	147	—	—	—	—	—	—	—	—	—	—
Newton Main -	—	—	213	139	—	—	216	233	371	57	523	218
Stanley Main - -	—	—	—	—	—	70	162	643	85	—	—	—
Darley Main - -	—	—	—	—	—	—	167	79	—	—	86	60
Oaks - - -	—	—	—	—	—	—	110	—	—	—	—	—
Garforth Steam -	—	—	—	—	—	—	—	123	—	—	—	—
Hoyland and Elsecar	—	—	—	—	—	—	—	266	263	136	—	—
Sundries - -	—	586	296	342	297	608	107	165	325	534	1,077	1,003
West Riding Splints	—	—	—	—	—	—	—	74	255	178	81	44
Whitwood Hartley	—	—	—	—	—	—	—	64	—	432	581	—
W. E. Cliffe - -	—	—	—	—	—	—	—	27	—	—	—	—
Silkstone - -	—	—	—	—	—	—	—	—	142	160	—	—
Haigh Moor - -	—	—	—	—	—	—	—	—	—	63	—	—
New Victoria -	—	—	—	—	—	—	—	—	—	71	—	—
W. E. Haigh Moor-	—	—	—	—	—	—	—	—	—	95	—	80
W. E. Victoria -	—	—	—	—	—	—	—	—	—	66	270	120
Allerton and Pres- ton Steam -	—	—	—	—	—	—	—	—	—	—	—	142
Rothwell Haigh -	—	—	—	—	—	—	—	—	—	—	—	62
Thorpe Hall - -	—	—	—	—	—	—	—	—	—	—	—	82
	2,534	1,879	2,213	2,272	1,235	3,053	2,260	4,124	3,633	3,860	5,295	2,532

The total quantity of Coals sent to London by sea from the Yorkshire Coal-fields was 34,890 Tons.

DERBYSHIRE AND NOTTINGHAMSHIRE.

The names by which the more important beds of Coal worked within this field are known, are as follows : *Tupton Coal, Hard Coal, Soft Coal, Black Shale or Clod Coal, Low Hard Coal, and Low-soft, Windmill Coal, Dansil Coal, Ganister Coal, Parkgate Coal, Aston Coal, Kilburn Coal, Furnace Coal, Hazel's Coal, Eureka Coal, Main and Deep Coal.*

The number of Collieries at work in the Derbyshire district were 171, and in the Nottinghamshire Coal-field, 20.

The total produce of the Derbyshire Coal-field in 1855 was—
2,256,000 Tons.

The total produce of the Nottinghamshire Coal-field was—
809,400 Tons.

From the Collieries in the Erewash Valley the following quantities of Coals were sold for home consumption and for distant districts, distinguishing those Coals which were sent by canal and such as were sent by railway.

	Canal Sale.		Railway Sale.	
	Out Sale.	Home Sale.	Out Sale.	Home Sale.
	Tons. Cwt.	Tons. Cwt.	Tons. Cwt.	Tons. Cwt.
Beggarlee - - -	1,363 15	1,244 15	6,208 1	4,717 18
Underwood - - -	18,573 0	12,190 10	15,471 13	14,592 17
Beanvale - - -	358 10	1,713 15	11,970 18	3,549 10
Cotmanhay - - -	1,676 5	2,899 10	8,745 18	17,309 4
Brinsley - - -	355 5	1,310 15	—	—
Eastwood - - -	52 0	1,497 10	5,063 12	4,198 8
Shipley - - -	750 10	20,719 5	12,797 19	37,709 2
Dunstead - - -	545 0	7,318 15	366 4	4,266 3
Swanwick - - -	300 15	16,282 10	8,746 18	23,986 3
Rutland - - -	4,416 15	9,218 5	6,568 3	6,621 16
Sleights - - -	3,853 15	1,774 10	81,925 7	13,570 17
Carnfield - - -	2,890 10	1,831 15	17,512 11	6,026 14
Langton - - -	—	342 15	7,822 1	13,808 16
Portland - - -	1,783 0	6,867 10	22,328 18	24,109 12
Langley - - -	1 5	837 0	46,020 13	3,244 8
Brands - - -	1,998 15	811 0	71,701 12	14,346 16
New Main - - -	—	368 0	4,146 4	7,153 18
Upper Birchwood - -	172 5	1,110 10	10,631 0	4,313 18
Heanor - - -	—	510 5	—	—
Newlands - - -	—	—	9 19	215 2
Hartshay - - -	—	9,479 10	—	—
Plumptre - - -	—	—	6,234 18	2,767 0
Loscoe - - -	519 5	2,277 5	16,045 12	4,609 8
New Birchwood - - -	150 10	—	494 12	2,210 12
Coate's Park - - -	4,260 5	764 10	13,678 6	26,873 18
Riddings - - -	295 0	6,289 0	15,320 10	24,411 15
Pintrich - - -	650 15	11,076 15	—	—
Babbington - - -	8,611 5	17,880 0	9,196 1	19,334 16
Nuttall - - -	252 0	11,097 5	23,786 9	5,533 8
Newcastle - - -	139 15	8,123 5	6,533 2	2,751 12
Stoneyford - - -	774 0	1,179 10	6,649 0	9,860 10
Loscoe - - -	555 15	3,093 10	5,590 0	9,617 11
Hucknall - - -	73 0	1,229 15	—	—
Morley Park - - -	—	7,235 15	—	—
	55,318 15	168,574 15	441,566 1	311,711 12

RAILWAY DISTRIBUTION.

	Tons.
The MIDLAND RAILWAY carried from the Derbyshire Coal-field, to Rugby and places on the London and North Western Railways - - -	415,357
DITTO, to Peterborough and all places on the Eastern Counties Railway -	178,489
DITTO. All stations on the Midland Railway south of Masborough, and including Birmingham and Gloucester - - -	708,466
DITTO. All stations on the Midland Railway north of Masborough, and including all places up to Lancaster and Purcombe - - -	4,119
The GREAT NORTHERN RAILWAY carried to London district, Hatfield included - - -	83,865
DITTO, to stations between Welwyn and Peterborough - - -	9,843
DITTO, to stations between Tallington and Arksey - - -	13,220
DITTO, to stations between Peakirk and Lea - - -	8,197

The MANCHESTER, SHEFFIELD, and LINCOLNSHIRE LINE carried for consumption in the district to the following stations :—

	Tons.
Dinting - - - - -	3,637
Glossop - - - - -	32,050
Hadfield - - - - -	25,546
Woodhead - - - - -	109

The GREAT NORTHERN RAILWAY received, for London district, Coals from the following Derbyshire Collieries :—

	Tons.	Cwts.		Tons.	Cwts.
Butterley Soft - - -	28	13	Loscoe - - - - -	35	17
Codnor Park - - -	356	12	Loscoe Soft - - -	7	7
Codnor Park Soft - -	244	14	Old Etherley - - -	27	16
Derby Hard - - -	43	5	Park Gate - - - -	124	19
Derby Soft - - -	335	10	Pinxton - - - - -	82,857	2
Derbyshire - - -	23	10	Pinxton Soft - - -	24	15
Eastwood - - -	68	3	Riddings - - - -	314	16
Evenwood - - -	44	4	Stoneyford - - -	46	0
Langley - - -	93	17	Upper Birchwood - -	52	16
Langley Soft - - -	122	2			

The NORTH WESTERN RAILWAY received, for London district, Coals from the following Derbyshire Collieries :—

	Tons.	Cwts.		Tons.	Cwts.
Ambergate - - -	183	14	Marchay - - - - -	10	19
Bennerley - - -	256	15	Marlpool - - - -	872	18
Birchwood - - -	4,415	6	Nuttall - - - - -	398	4
Brampton - - -	4,631	17	Pease's West - - -	10	18
Butterley - - -	71,551	16	Pelsall - - - - -	2,817	16
Chesterfield - - -	325	16	Pinxton - - - - -	3,329	19
Clay Cross - - -	82,841	12	Pye Bridge - - - -	163	12
Clay Lane - - -	51	8	Riddings - - - -	863	15
Cotmanhay - - -	235	15	Shipley - - - - -	1,844	14
Derbyshire - - -	8,260	19	Stenson - - - - -	806	17
Eckington - - -	948	15	Staveley - - - -	1,615	19
Erewash - - -	5,871	17	Stanton - - - - -	24	9
Gas House - - -	586	13	Stoneyford - - -	4,724	9
Granville - - -	6	1	Ditto, New - - -	1,089	0
Grassmore - - -	102	10	Ditto, Old - - -	1,642	18
Gresley - - -	3,662	7	Stretton - - - -	1,347	2
Hasland - - -	17	19	Swadlincole - - -	81	1
Heanor - - -	43	6	Tapton - - - - -	6,015	3
Ilkestone - - -	62	14	Whittington - - -	2,521	0
Langley - - -	2,472	14	Wingerworth - - -	307	15
Langley Mill - - -	314	9	Wingfield - - - -	1,729	0
Loscoe - - -	8,340	0			

The EASTERN COUNTIES RAILWAY received, for London district, Coals from the following Derbyshire Collieries :—

	Tons.	Cwts.		Tons.	Cwts.
Bramley Wood	141	13	Nuttall	13,196	4
Butterley	2,048	18	Pinxton	3,433	18
Clay Cross	14,632	3	Shipley	147	13
Cotmanhay	1,780	2	Staveley	126	16
Eckington	2,465	17	Tapton	14,213	16
Grass Moor	4,265	17	Thornley	20	0
Kilbourn	12	1	Whittington	6	0
Langley	4,955	15	Wingerworth	1,824	14
Marlpool	5	9			

From the Derbyshire district, The GRAND JUNCTION CANAL COMPANY received, for the London district, Coals from the following Collieries :—

	Tons.	Cwts.
Birchwood	489	0
Butterley	50	10
Cotmanhay	953	0
Glascott	58	0
Pinxton	1,033	0
Shipley	1,835	10
Stoneyford	7,407	13

NOTTINGHAMSHIRE.

For the London district, Coals from the following Nottinghamshire Collieries were received :—

By the NORTH WESTERN RAILWAY COMPANY.

	Tons.	Cwts.
Babbington	8,093	17
Eastwood	5,510	3
Plumtree	295	3
Portland	371	5

By the EASTERN COUNTIES RAILWAY COMPANY.

	Tons.	Cwts.
Babbington	9,403	12
Beanwale	86	13
Eastwood	680	11
Portland	3,532	10

By the GREAT NORTHERN RAILWAY COMPANY.

	Tons.	Cwts.
Beggar Lee	1,844	15

By the GRAND JUNCTION CANAL COMPANY.

	Tons.	Cwts.
Babbington	799	0
Brinsley	217	15
Underwood	1,180	15

WARWICKSHIRE.

The number of Collieries working in the Warwickshire Coal-field were 17.

The beds worked are known as the *Seven Feet Coal and Rider, Slate Coal, Two Yards, Lower Seam, Cannel, and Ell Coal.*

The total produce of these Collieries was —

262,000 Tons.

The LONDON and NORTH WESTERN RAILWAY received from this district about 150,000 Tons of Coal, which it distributed between Bedford, Buckingham, Blisworth, Coventry, Leamington, Northampton, Oxford, and other places within these boundaries.

Ditto.	For London, carried from	Tons.	Cwt.
	Glascote - - - - -	173	19
	Griff - - - - -	5,967	12
	Hawkesbury - - - - -	5,409	14

GRAND JUNCTION CANAL carried for London district as follows :—

	Tons.	Cwts.
Baddesley - - - - -	1,138	0
Bedworth - - - - -	241	5
Charity - - - - -	173	15
Glascote - - - - -	58	0
Griff - - - - -	512	10
Kettlebrook - - - - -	135	10
Victoria - - - - -	56	15
Wykin - - - - -	729	0

LEICESTERSHIRE.

The number of Collieries in this county are 11.

The beds near Ashby-de-la-Zouch are as follows :—

The Moira district—	Thickness of Beds.
1. <i>Eureka Coal</i> - - - - -	4 to 6 feet
2. <i>Stockings Coal</i> - - - - -	6 to 7 "
3. <i>Woodfield Coal</i> - - - - -	5 "
4. <i>Slate Coal</i> - - - - -	3½ to 4 "
5. <i>Nether Main Coal</i> - - - - -	14 to 15 "
6. <i>Fourfoot Coal</i> - - - - -	4 to 5 "
7. <i>The Earl Coal</i> - - - - -	4 feet 6 inches

The Coleorton district—

1. <i>Heath End Coal</i> - - - - -	9 feet
2. <i>Lount Coal</i> - - - - -	(3 beds)
3. <i>Main Coal</i> - - - - -	10 to 12 feet

The total produce of the year was
425,000 Tons.

From this district, The NORTH WESTERN RAILWAY COMPANY received, for the London district, Coals from the following Collieries:—

						Tons.	Cwts.
Bagworth	-	-	-	-	-	103	10
Colvill	-	-	-	-	-	469	11
Coleorton	-	-	-	-	-	6	18
Ibstock	-	-	-	-	-	17	9
Leicester	-	-	-	-	-	20	4
Moir	-	-	-	-	-	213	4
Snibston	-	-	-	-	-	1,699	6
Swannington	-	-	-	-	-	67	2
Whitwick	-	-	-	-	-	439	12

GRAND JUNCTION CANAL COMPANY.

Bagworth	-	-	-	-	-	166	10
Coleorton	-	-	-	-	-	291	15
Moir	-	-	-	-	-	4,234	10
Whitwick	-	-	-	-	-	114	0

STAFFORDSHIRE AND WORCESTERSHIRE.

The number of Collieries working during the year were

North Staffordshire	-	-	-	-	-	123	Tons.
South Staffordshire and Worcestershire	-	-	-	-	-	377	
Total	-	-	-	-	-	500	

The Coal Measures of South Staffordshire are described in the Memoir "On the Geology of the South Staffordshire Coal-field," by Mr. J. Beete Jukes, published in the Records of the School of Mines, 1853.

The total produce of this Coal-field, which has been estimated upon the principle adopted in the "Mineral Statistics" for 1854, was in 1855—

7,323,000 Tons.

At least 2,500,000 Tons of this was used for the blast furnaces of the district, and almost all the Coals are retained in the county for the purposes of manufacture and domestic consumption.

RAILWAY DISTRIBUTION.

				Tons.	Cwts.
The LONDON and NORTH WESTERN RAILWAY carried about	-	-	-	19,000	0
The distribution being to the same places as last year.					
From Staffordshire for London	-	-	-	1,514	8
From Worcestershire for London	-	-	-	15,804	10

Large quantities of the North Wales Coals are now sent by the Great Western Railway to Wolverhampton, and employed for Gas Manufacture.

LANCASHIRE.

In Lancashire there were, in 1855, 357 Collieries in active operation. The total produce of COALS being—

8,950,000 Tons.

RAILWAY DISTRIBUTION.

The distribution of this Coal is chiefly by The LONDON and NORTH WESTERN RAILWAY.

			Tons.
The quantity received from WIGAN was	-	-	287,606
"	"	ST. HELENS	- 42,294
"	"	BOLTON	- 65,438
"	"	WHISTON	- 25,433
"	"	HAYDOCK	- 21,788
			<hr/> 442,559

This Coal was delivered at the following stations:—

			Tons.
Liverpool	-	-	254,250
Broad Green	-	-	8,257
Hayton Gate	-	-	1,264
Hyton Quarry	-	-	137
Rainhill	-	-	964
Seagreen	-	-	180
St. Helens Junction	-	-	28,579
Garston	-	-	38,717
Collins Green	-	-	16
Warrington Junction	-	-	4,956
Newton Bridge	-	-	5
Preston Junction	-	-	186
Parkside	-	-	357
Kenyon Junction	-	-	41
Bury Lane	-	-	10
Astley's	-	-	77
Barton Moss	-	-	33
Patricroft	-	-	482
Ditto, for East Lancashire	-	-	259
Eccles	-	-	12
Weaste Lane	-	-	20
Cross Lane	-	-	21
Ordsale Lane	-	-	126
MANCHESTER, Liverpool Road	-	-	70,835
"	Victoria	-	639
"	" for East Lancashire	-	
	Company	-	246
"	Oxford Road	-	18,869
"	for Manchester, Sheffield,	-	
	and Lincolnshire Company	-	224
"	London Road	-	12,798
			<hr/> 442,559

The LONDON and NORTH WESTERN RAILWAY COMPANY received, for the London district, Coals from the following Collieries :—

				Tons.	Cwts.
Ince Hall	-	-	-	44,192	16
Kirkless Hall	-	-	-	4	11

DITTO, from the Wigan district, for WARRINGTON, WALTON, WINSFORD, SHREWSBURY, CREW, ACTON, &c., from the following Collieries :—

					Tons.
Ince Hall Company	-	-	-	-	73,496
Moss	-	-	-	-	13,834
Kirkless	-	-	-	-	23,676
Blundell and Sons	-	-	-	-	11,851
Ditto (Pemberton)	-	-	-	-	20,943
Haydock	-	-	-	-	68,048
Edge Green	-	-	-	-	25,767
Strangeways	-	-	-	-	6,443
Spring's Colliery	-	-	-	-	820
Ditto (Branch)	-	-	-	-	690
Ludlow and Sons	-	-	-	-	2,683
Hosier House	-	-	-	-	4,312
St. Helens Junction	-	-	-	-	1,680
Kirkless Hall	-	-	-	-	2,529
Holme House	-	-	-	-	2,517
Haigh Colliery	-	-	-	-	229
West Hutton	-	-	-	-	5,854
Branker and Co.	-	-	-	-	796
Birkenhead, Liverpool and Cheshire Junction	-	-	-	-	2,543
Rose Bridge	-	-	-	-	146
Whalley	-	-	-	-	294
Westwood	-	-	-	-	40
					<hr/>
					269,191

NOTE.—The total weight of Coals carried by the London and North Western Railway was 2,316,828 Tons.

The MANCHESTER, SHEFFIELD, and LINCOLNSHIRE RAILWAY received for transmission at—

					Tons.
Manchester	-	-	-	-	3,620
Ardwick	-	-	-	-	696
Girdle Bridge	-	-	-	-	34,079
Newton	-	-	-	-	38,215

DITTO. For sale and delivery in the localities at—

Manchester	-	-	-	-	686
Ardwick	-	-	-	-	49,301
Gorton	-	-	-	-	1,232
Girdle Bridge	-	-	-	-	850
Ashton	-	-	-	-	7,136
Staley Bridge	-	-	-	-	6,563
Newton	-	-	-	-	8,612
Mottram	-	-	-	-	15,421

Coals for exportation are carried to Liverpool, by the following means, from the districts named :—

From Wigan	by Leeds Canal.
" St. Helens	" Sankey Canal.
" Ditto	" St. Helens Railway.
" Wigan	" Lancashire and York Railway.
" Wigan, St. Helens, } and Whiston - }	" London and North Western.
" Worsley	" Bridgewater Canal.
" Prescott	" Turnpike Road and Rail.

CANNEL COAL.

The quantity raised annually at Wigan is estimated at 500,000 Tons.

COAL EXPORTED.

Quantities of Coals sent from the ports of Lancashire to other ports of the United Kingdom, according to Parliamentary Returns :—

	Coals.	Coke.	Culm.
	Tons.	Tons.	Tons.
Liverpool - - - -	116,134	20	58
Preston - - - -	33,337	302	82
Fleetwood - - - -	31,490	212	368
Lancaster - - - -	9,357	418	2,185
Total - - - -	190,318	952	2,693

MONTHLY RETURNS of COALS and COKE shipped at LIVERPOOL for Foreign Countries during the year :—

	Coals.	Coke.
	Tons.	Tons.
January - - - -	25,507	163
February - - - -	11,071	285
March - - - -	23,666	398
April - - - -	37,908	—
May - - - -	51,761	488
June - - - -	41,960	686
July - - - -	43,104	875
August - - - -	48,294	330
September - - - -	44,896	—
October - - - -	31,385	77
November - - - -	29,977	391
December - - - -	17,132	654

QUANTITIES of COALS and COKE sent to Foreign Countries during the year from the ports of LANCASHIRE, according to Parliamentary Return :—

	Coals.	Coke.
	Tons.	Tons.
Liverpool - - - -	416,325	7,734
Fleetwood - - - -	970	—
Lancaster - - - -	1,110	—
	418,405	7,734

CHESHIRE.

The number of Collieries in Cheshire are 32.

From these there was produced of Coals—
755,500 Tons.

The LONDON and NORTH WESTERN RAILWAY received about 100,000 Tons of this, which was distributed as stated in last year's returns.

SHROPSHIRE.

The number of Collieries working in this county, in 1855, were 56.

The total produce being—

1,105,250 Tons.

Of this, 365,000 Tons were used in the Iron Manufactory, *i.e.* in blast furnaces only.

GLOUCESTERSHIRE, SOMERSETSHIRE, AND DEVONSHIRE.

In Gloucestershire the number of Collieries were 55.

In Somersetshire the number of Collieries were 31.

Devonshire, producing only the Bideford Anthracite, and the Bovey-Tracy Lignite, 2.

The total produce of these districts was—

1,430,620 Tons.

RAILWAY DISTRIBUTION.

The MIDLAND RAILWAY, from the Gloucestershire Collieries, carried to Bristol	Tons.
and all places on the Great Western and Bristol and Exeter Railways	- 126,464

DITTO, DITTO, to all stations on Midland Railway, north of Bristol,	
and up to Gloucester inclusive	- 20,898

147,362

The GREAT WESTERN RAILWAY, from the Forest of Dean	- - - -	1,198
DITTO from Radstock	- - - -	129

COALS EXPORTED.

From Bristol and Gloucestershire, the following quantities of Coals, Coke, and Culm were sent to other ports in the United Kingdom :—

	Coals.	Coke.	Culm.
	Tons.	Tons.	Tons.
Bristol - - - -	2,420	75	—
Gloucester - - - -	109,917	1,974	306

From Bristol, Gloucester, and Bideford, the following quantities of Coals and Coke were sent to Foreign Countries :—

	Coals.	Coke.
	Tons.	Tons.
Bristol - - - -	6,675	150
Gloucester - - - -	210	—
Bideford - - - -	114	—

MONTHLY RETURNS of COALS and COKE shipped at BRISTOL for Foreign Countries.

	Coals.	Coke.		Coals.	Coke.
	Tons.	Tons.		Tons.	Tons.
January - - - -	1,132	101	July - - - -	37	—
February - - - -	315	—	August - - - -	—	—
March - - - -	221	—	September - - - -	365	—
April - - - -	277	—	October - - - -	985	50
May - - - -	200	—	November - - - -	1,183	—
June - - - -	373	—	December - - - -	873	—

WALES.

NORTH WALES.

ANGLESEA, FLINTSHIRE, and DENBIGHSHIRE.

The number of Collieries at work were as follows :—

Anglesea	-	-	-	-	5
Flintshire	-	-	-	-	31
Denbighshire	-	-	-	-	29

The total quantity of Coals raised in all these districts being
1,125,000 Tons.

The Coal-field around Ruabon is being more largely developed. The requirements of the district are large for the blast furnaces, &c., in Denbighshire, and for the Lead Works in Flintshire. Beyond this the GREAT WESTERN RAILWAY brought, in 1855, to London from Ruabon 10,000 Tons, carried large quantities of Coals into Staffordshire, and distributed 70,000 tons at Cheshire and the neighbourhood.

SOUTH WALES.

In the Memoirs of the Geological Survey of Great Britain, Sir Henry De la Beche, has fully described the South Wales Coal-Fields.

The South Wales Collieries at work during 1855 were as follows :—

Monmouthshire	-	-	-	-	63
Glamorganshire	-	-	-	-	117
Carmarthenshire	-	-	-	-	47
Pembrokeshire	-	-	-	-	18

ANTHRACITE DISTRICTS.

The total produce of Anthracite was—
997,500 Tons.

BITUMINOUS AND FREE BURNING DISTRICTS.

The total produce of the Collieries of these districts—
7,552,770 Tons.

RAILWAY DISTRIBUTION.

The GREAT WESTERN RAILWAY received, for the London district, the following Bituminous and Anthracite, Coals :—

					Tons.	Cwts.
Aberdare Merthyr	-	-	-	-	886	0
Anthracite	-	-	-	-	363	0
Bituminous	-	-	-	-	21	0
Black Vein	-	-	-	-	10	0
Brynmally	-	-	-	-	23	0
Cannel	-	-	-	-	87	0
Cribbin	-	-	-	-	16	0
Davies' Merthyr	-	-	-	-	44	0
Fothergill's Anthracite	-	-	-	-	20	0
Ditto Handpicked	-	-	-	-	50	0
Ditto Merthyr	-	-	-	-	17,399	0
High Delf	-	-	-	-	370	0

						Tons.	Cwts.
High and Low Delf	-	-	-	-	-	20	0
Llanygennech	-	-	-	-	-	10,594	0
Lyon's Resolven Steam	-	-	-	-	-	300	0
Morgan's Stone	-	-	-	-	-	28	0
Ninefeet Small	-	-	-	-	-	12	0
Nixon's Anthracite	-	-	-	-	-	20	0
Ditto Merthyr	-	-	-	-	-	1,851	0
Ditto Nut	-	-	-	-	-	23	0
Ditto Venault	-	-	-	-	-	20	0
Nut	-	-	-	-	-	60	0
Powell's Duffryn	-	-	-	-	-	19,037	0
Resolven	-	-	-	-	-	3,944	0
Small	-	-	-	-	-	20	0
South Sea	-	-	-	-	-	7	0
Squorben	-	-	-	-	-	999	0
Steam	-	-	-	-	-	23	0
Stone	-	-	-	-	-	110	0
Sun Vein Steam	-	-	-	-	-	16	0
Sundries	-	-	-	-	-	55	0
Venault Anthracite	-	-	-	-	-	384	0
Victoria	-	-	-	-	-	115	0
Vron	-	-	-	-	-	1,908	0
Wayne's Merthyr	-	-	-	-	-	391	0
Welch	-	-	-	-	-	27	0
Ditto Newbury	-	-	-	-	-	624	0
William's Duffryn	-	-	-	-	-	5,220	0
Ditto Merthyr	-	-	-	-	-	129	0

MONTHLY RETURNS of COALS and COKE shipped at the following Ports
of SOUTH WALES, and sent to other Ports of the United Kingdom.

	CARDIFF.		SWANSEA.		NEWPORT.		LLANELLY.		PORT TALBOT.		NEATH.	
	Coals.	Coke.	Coals.	Coke.	Coals.	Coke.	Coals.	Coke.	Coals.	Coke.	Coals.	Coke.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
Jan.	29,042	2,327	17,039	3,695	30,616	15	9,936	—	5,475	116	4,456	—
Feb.	13,899	1,270	8,580	3,250	26,805	25	22,044	—	355	—	3,485	3,550
March	39,548	1,498	7,652	—	31,843	—	14,006	—	5,755	624	5,429	—
April	39,240	1,435	19,736	30	—	—	15,241	—	6,434	255	8,091	—
May	47,853	1,280	20,190	—	39,713	—	22,816	—	4,973	337	546	—
June	124,510	3,989	19,602	25	32,591	138	18,586	—	5,838	27	6,409	—
July	—	—	21,934	28	45,808	117	23,397	—	9,034	334	—	—
Aug.	43,526	1,004	19,939	—	43,786	—	21,866	—	7,848	377	—	—
Sept.	40,202	915	8,872	58	47,001	—	23,621	—	—	—	—	—
Oct.	46,245	465	15,884	65	46,288	30	14,837	—	—	—	—	—
Nov.	43,119	638	15,145	15	46,522	53	14,837	—	—	—	—	—
Dec.	43,500	1,256	—	—	43,726	103	12,177	—	—	—	—	—

Quantities of COALS, COKE, and CULM sent from the SOUTH WALES Coal-field to other parts of the United Kingdom, from the following Ports, according to Parliamentary Return.

				Coals.	Coke.	Culm.
				Tons.	Tons.	Tons.
Cardiff	-	-	-	455,047	13,794	—
Newport	-	-	-	474,342	531	—
Swansea	-	-	-	201,493	257	55,848
Neath	-	-	-	75,153	—	70,712
Port Talbot	-	-	-	68,551	3,459	—
Porth Cawl	-	-	-	20,053	829	—
Llanelly	-	-	-	256,847	40	30,557
Milford	-	-	-	19,991	—	29,128
Total	-	-	-	1,571,477	18,910	186,245

MONTHLY RETURNS of COALS and COKE shipped at the Ports of SOUTH WALES for Foreign Countries.

	CARDIFF.		SWANSEA.		NEWPORT.		LLANELLY.		PORT TALBOT.		NEATH.	
	Coals.	Coke.	Coals.	Coke.	Coals.	Coke.	Coals.	Coke.	Coals.	Coke.	Coals.	Coke.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
Jan.	51,271	170	7,297	50	11,850	—	443	—	105	—	1,153	—
Feb.	40,793	196	3,635	—	12,336	—	873	—	—	—	375	—
March	50,585	3	8,317	64	12,387	—	815	—	845	—	502	—
April	48,541	67	10,680	79	10,372	—	2,546	—	282	—	965	180
May	65,182	110	17,380	100	17,784	—	2,744	—	1,030	—	1,089	—
June	79,541	—	13,798	60	21,853	—	2,360	—	978	—	990	—
July	79,890	230	18,813	650	21,643	—	2,668	—	761	—	—	—
Aug.	83,238	972	19,407	90	17,090	—	3,462	—	694	—	—	—
Sept.	66,080	349	16,576	—	21,328	—	3,295	76	—	—	—	—
Oct.	62,070	320	15,824	280	12,705	6	1,373	—	—	—	—	—
Nov.	45,517	220	10,966	—	10,261	—	693	—	775	—	—	—
Dec.	57,087	335	9,573	53	12,806	—	1,990	—	—	—	—	—

Quantities of COALS, COKE, and CULM shipped at the following Ports of SOUTH WALES for Foreign Countries, according to Parliamentary Return.

		Coals.	Coke.	Culm.
		Tons.	Tons.	Tons.
Cardiff	-	733,055	5,532	—
Newport	-	187,598	49	—
Swansea	-	152,099	406	713
Neath	-	10,204	—	100
Port Talbot	-	6,612	—	50
Porth Cawl	-	219	—	—
Llanelly	-	23,903	25	190
Milford	-	292	—	—
Total	-	1,113,982	6,012	953

MONTHLY RETURNS of Coals sent by sea from the SOUTH WALES Coal-field to London, in 1855.

	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
Aberdare Steam -	268	—	—	—	781	754	558	1,428	1,321	801	757	414
Anthracite - -	320	—	96	117	440	—	—	365	—	275	—	—
Birchgrove Graigola	315	330	1,411	195	887	212	310	653	474	863	475	—
Merthyr - -	379	65	35	505	2,096	1,711	1,633	2,405	1,811	1,032	1,185	2,233
Powell's Duffryn Steam.	1,238	—	236	480	423	1,428	724	829	1,026	766	—	1,916
Stone - -	1,361	2,181	2,187	251	3,061	3,392	3,129	2,317	1,133	6,341	450	2,168
Blaengwawr Steam	—	—	163	—	—	—	—	—	—	—	—	—
Carr's Merthyr -	—	—	862	129	2,535	3,301	1,059	1,309	741	—	462	2,156
Llangennech - -	—	—	845	230	805	1,710	—	206	—	863	—	—
Neath Abbey -	—	—	246	—	—	—	—	—	—	—	—	—
Nevill's Llanelli Steam.	—	—	771	492	1,953	579	880	537	395	390	790	604
Nixon's Merthyr Steam.	—	—	399	382	1,895	334	270	364	—	768	486	447
Sguborwen Merthyr	—	—	501	586	3,295	417	220	1,923	776	729	299	841
Wayne's Merthyr Steam.	—	—	670	738	4,497	2,126	327	418	1,410	—	768	1,447
Cwm-amman Merthyr Steam.	—	—	—	152	480	355	—	—	—	—	—	—
Sguborwen Merthyr Steam.	—	—	—	914	—	—	—	—	—	—	—	—
AberammanMerthyr Steam.	—	—	—	—	215	—	—	—	—	—	—	—
Bedwas Steam -	—	—	—	—	173	—	—	—	—	—	—	—
Brynddewy - -	—	—	—	—	300	—	—	—	—	—	—	—
Landshipping -	—	—	—	—	185	—	185	—	185	—	—	180
Langattwg Merthyr	—	—	—	—	294	—	—	364	233	93	—	—
Llangennech Nut -	—	—	—	—	—	158	351	—	—	—	—	—
Resolven Steam -	—	—	—	—	—	290	433	—	—	—	—	—
Cadoxton Merthyr Steam.	—	—	—	—	—	—	335	—	—	—	—	—
Carway - -	—	—	—	—	—	—	—	145	—	—	—	—
Machen Steam -	—	—	—	—	—	—	—	227	—	—	—	—
Graigola Thro' -	—	—	—	—	—	—	—	—	330	—	—	—
Blaendare Merthyr	—	—	—	—	—	—	—	—	—	205	—	230
Morfa - -	—	—	—	—	—	—	—	—	—	331	—	—
Risca Rock - -	—	—	—	—	—	—	—	—	—	145	—	—
	3,881	2,576	8,422	5,171	24,315	16,767	10,414	13,488	9,835	13,612	12,636	5,672

The total quantity of Coals sent from the South Wales Coal-field by sea to London was 124,796 Tons.

SCOTLAND.

In the Counties of LANARKSHIRE, AYRSHIRE, RENFREWSHIRE, DUMBARTONSHIRE, DUMFRIESHIRE, STIRLINGSHIRE, LINLITHGOWSHIRE, PEEBLES and PERTH, EDINBURGHSHIRE, HADDINGTONSHIRE, CLACKMANNAN and FIFE, are 403 Collieries.

The total produce of those Collieries was—

7,325,000 Tons.

Beyond the large quantities of Coals used in the Iron Works of the district, and in the numerous Manufactories in and around Glasgow, much Coals were sent by the Caledonian Railway. (*See Statistics of 1854.*)

It is estimated by Dr. John Strang, of Glasgow, that in the west of Scotland—

2,152,800 Tons were consumed in Blast Furnaces.

367,200 " " in conversion of Pig into Malleable Iron.

2,853,427 " " in Manufactures, Steam-boats, and Domestic Consumption in Glasgow.

COALS EXPORTED.

Quantities of COALS and COKE sent from the following Ports of SCOTLAND to other Ports of the United Kingdom, according to the Parliamentary Return in 1855.

	Coals.	Coke.
	Tons.	Tons.
Leith - - - -	10,401	—
Borrowstoness - - - -	37,637	—
Grangemouth - - - -	2,334	—
Alloa - - - -	20,985	—
Kirkaldy - - - -	39,266	—
Dundee - - - -	1,593	—
Arbroath - - - -	7	—
Greenock - - - -	80	—
Glasgow - - - -	89,203	7
Irvine - - - -	264,625	—
Ayr - - - -	64,400	—
Dumfries - - - -	40	—
Total - - - -	530,971	7

Quantities of COALS and COKE sent from the following Ports of SCOTLAND to Foreign Countries, according to the Parliamentary Return.

	Coals.	Coke.
	Tons.	Tons.
Leith - - - -	29,230	623
Borrowstoness - - -	109,293	48
Grangemouth - - -	52,805	277
Alloa - - - -	32,432	—
Kirkaldy - - - -	28,465	—
Dundee - - - -	35,295	—
Montrose - - - -	80	—
Inverness - - - -	15,695	20
Kirkwall - - - -	3,307	—
Greenock - - - -	27,310	10
Port Glasgow - - -	6,197	10
Glasgow - - - -	46,368	1,240
Irvine - - - -	48,257	—
Ayr - - - -	26	—
Total - - - -	444,760	2,228

MONTHLY RETURNS of COAL sent from the Scotch Coal-field to London in 1855.

	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
Boghead Parrot -	1,428	1,624	1,363	—	1,028	1,062	1,110	2,485	1,220	853	504	535
Lochjelly Parrot -	254	—	—	—	—	—	—	—	—	—	—	—
Parrot Gas - -	91	—	232	141	—	—	—	—	—	—	—	—
Wishart Steam -	289	—	—	—	—	—	—	—	—	—	—	—
Greenwich Hospital West Hartley.	—	44	30	—	—	—	—	—	—	—	—	—
Bambro Hard -	—	—	—	200	—	—	—	—	—	—	—	—
Methill Cannel -	—	—	—	226	137	208	132	103	87	1,246	106	734
Splint Chew - -	—	—	—	203	—	—	—	—	—	—	—	—
Bathville Parrot -	—	—	—	—	90	787	261	—	—	—	—	—
Lesmahago - -	—	—	—	—	—	—	117	103	—	—	—	—
Wellwood - -	—	—	—	—	—	—	—	105	—	—	—	—
Buccleugh's Cannel	—	—	—	—	—	—	—	—	237	—	—	—
Dysart Steam -	—	—	—	—	—	—	—	—	—	—	—	413
	2,062	1,668	1,675	770	1,255	2,057	1,620	2,796	1,544	2,099	610	1,682

IRELAND.

The LEINSTER, TIPPERARY, MUNSTER, CONNAUGHT and TYRONE Coal-fields of Ireland have 19 Collieries at work.

The produce of 1855 was—

	Tons.
Anthracite or Culm and small	95,000
Bituminous Coals	50,620
Total produce	145,620

SUMMARY OF COAL PRODUCE FOR 1855.

	Tons.
Durham and Northumberland	15,431,400
Cumberland	809,549
Yorkshire	7,747,470
Derbyshire	2,256,000
Nottinghamshire	809,400
Warwickshire	262,000
Leicestershire	425,000
Staffordshire and Worcestershire	7,323,000
Lancashire	8,950,000
Cheshire	755,500
Shropshire	1,105,250
Gloucestershire, Somersetshire, and Devonshire	1,430,620
NORTH WALES	1,125,000
SOUTH WALES	8,552,270
SCOTLAND	7,325,000
IRELAND	144,620
Total of 1855	64,453,070
Do. of 1854	64,661,401
Decrease	207,331

SUMMARY of the Quantities of COALS, COKE, CULM, and PATENT FUEL carried Coastwise in the Years 1854 and 1855.

	Coals.	Coke.	Culm.	Patent Fuel.
	Tons.	Tons.	Tons.	Tons.
1854	9,018,512	53,499	206,154	50,553
1855	8,626,924	35,075	191,143	37,902
DECREASE in 1855 -	391,588	18,424	15,011	12,651

SUMMARY of the Quantities of COALS, COKE, CULM, and PATENT FUEL sent from British Ports to Foreign Countries in the Years 1854 and 1855.

—		Coals.	Coke.	Culm.	Patent Fuel.
		Tons.	Tons.	Tons.	Tons.
1854	- -	4,119,712	184,028	5,515	50,320
1855	- -	4,762,963	212,883	1,056	84,860
INCREASE in 1855 -		643,251	28,855	—	34,540
DECREASE in 1854 -		—	—	4,459	—

TOTALS of the more important Quantities of COALS, COKE, and CULM sent to Foreign Countries during the Years 1854 and 1855.

—				1854.	1855.
				Tons.	Tons.
Ports of the Crimea	-	-	-	400	15,433
Sweden	-	-	-	97,577	105,604
Norway	-	-	-	88,668	100,777
Denmark	-	-	-	373,964	392,720
Prussia	-	-	-	286,319	302,478
Hanseatic Towns	-	-	-	323,860	416,546
Holland	-	-	-	132,777	220,208
France	-	-	-	814,337	938,180
Spain and the Canaries	-	-	-	209,476	207,627*
Italy	-	-	-	206,335	218,177
Malta	-	-	-	161,475	253,959
Turkey	-	-	-	255,770	462,549
East Indies	-	-	-	102,013	134,260
British North America	-	-	-	127,497	60,935*
British West Indies	-	-	-	100,637	90,565*
Foreign West Indies	-	-	-	108,860	145,958
United States of America	-	-	-	185,368	144,025*
Brazil	-	-	-	114,476	76,105*

* On all the above exports there has been an increase, excepting those marked *.

PATENT FUEL.

MONTHLY RETURN of the Quantity exported during the Year 1855.

	SWANSEA.	SHIELDS.	NEWCASTLE.	BRISTOL.
	Tons.	Tons.	Tons.	Tons.
January - - -	1,884	50	1,496	—
February - - -	4,273	—	—	—
March - - -	3,937	—	—	—
April - - -	6,372	—	—	—
May - - -	10,088	—	—	—
June - - -	7,780	—	—	—
July - - -	13,086	—	166	—
August - - -	6,539	—	—	—
September - - -	2,394	—	—	—
October - - -	1,075	—	—	125
November - - -	2,192	—	—	—
December - - -	1,362	—	—	—
SWANSEA - - -	60,882	50	1,662	125
SHIELDS - - -	50			
NEWCASTLE - - -	1,662			
BRISTOL - - -	125			
	63,719	{ TOTAL Quantity of Patent Fuel exported to Foreign Parts from the above Ports. Tons were shipped from London. " " Liverpool. " " Aberdeen.		
	10,889			
	9,507			
	100			
	84,215	{ TOTAL Exports to Foreign Ports from the United Kingdom.		

The quantities of PATENT FUEL sent Coastways to other Ports of the United Kingdom:—

Ports from which shipped.	Tons.
Bristol - - -	480
Swansea - - -	28,313
Llanelly - - -	230
Newcastle - - -	6,419
Stockton - - -	2,460
Total - - -	37,902

Of the quantities sent to Foreign Countries, the following were the largest Exports:—

	Tons.
Russian Ports of the Crimea occupied by the Allied Forces	2,912
Denmark - - -	7,377
France - - -	4,410
Spain and the Canaries - - -	4,028
Malta - - -	10,627
Turkey - - -	15,154
Cape Verde Islands - - -	5,716
Brazil - - -	4,875
Chili - - -	3,639
British Settlements in Australia - - -	2,656
British Territories in the East Indies - - -	2,200
West Coast of Africa - - -	1,377
Portugal, Azores, and Madeira - - -	2,371

LONDON IMPORTATION.

From the Northern, South Wales, and Gloucestershire districts, the South-Eastern and South-Western Railway Companies received at Southern Ports, Coals from the following Collieries :—

	Tons.	Cwts.
Beamish - - - - -	96	10
Bells and Hartlepool - - - - -	175	18
Bowdon Close - - - - -	5	6
Coke and Breeze - - - - -	6	0
Duffryn - - - - -	27	10
Forest of Dean - - - - -	103	18
Hartlepool - - - - -	156	1
Harvey - - - - -	68	3
Haswell - - - - -	440	17
Haswell, Hartlepool, and Keeper mixed -	10,050	19
Hetton, W. E. - - - - -	481	16
Keeper - - - - -	7	0
Marley Hill - - - - -	12	4
New Tanfield - - - - -	39	14
Pease's West - - - - -	17	2
Ravensworth Pelaw - - - - -	22	17
Small - - - - -	5	17
South Hetton - - - - -	238	8
Do. Kelloe - - - - -	51	15
Stewarts - - - - -	96	7
Sundries - - - - -	4,800	16
Tanfield - - - - -	11	3
Trimdon - - - - -	915	10
Trimdon Hartlepool - - - - -	75	14
Trimdon Small - - - - -	5	10
Walker Primrose - - - - -	41	15
Welch - - - - -	58	8
Welch Morgan - - - - -	5	7
Welch Steam - - - - -	56	7
Wood's Garesfield - - - - -	168	1

COKE.—The undermentioned quantities of Coke were received by the following Railways and Canal Companies :—

	Tons.	Cwts.
Great Northern Railway Company - - - - -	7,182	7
North Western Railway Company - - - - -	3,270	7
Eastern Counties Railway Company - - - - -	11,609	0
Great Western Railway Company - - - - -	4,356	0
South Eastern Railway Company - - - - -	6,056	11
Grand Junction Canal - - - - -	137	5

Summary of Coals brought to London during the years 1854 and 1855 by Sea, Railways, and Canals :—

				Tons.
Coals, Sea-borne from the 1st January to the 31st December 1855	-	-	-	3,016,868
Coals, Sea-borne from the 1st January to the 31st December 1854	-	-	-	3,399,561
				<hr/>
Decrease on Sea-borne in 1855	-	-	-	382,693
				<hr/>
				Tons. Cwts.
Coals by Railway from 1st January to 31st December 1855	-	-	-	1,137,835 7
Ditto from 1st January to 31st December 1854	-	-	-	945,056 15
				<hr/>
Increase by Railways in 1855	-	-	-	192,778 12

			Tons.	Cwts.
Coals by Canal from 1st January to 31st December 1855	-	-	23,250	13
Ditto from 1st January to 31st December 1854	-	-	32,153	19
Decrease by Canals in 1855	-	-	8,903	6
<hr/>				
		1854.	1855.	
Sea-borne Coals	-	3,399,561	3,016,868	
Railway Coals	-	945,056	1,137,835	
Canal Coals	-	32,153	23,250	
Total of Coals brought to London 1854	-	4,376,760	4,157,953	
Ditto ditto 1855	-	4,157,953		
Decrease in 1855	-	218,807		

The following classified SUMMARY of the LONDON IMPORTATIONS for three years has been obligingly furnished to the Mining Record Office by Mr. T. J. Taylor, of Newcastle-on-Tyne.

	1853.	1854.	1855.
	Tons.	Tons.	Tons.
Tyne	283,086	277,637	265,224
Wear and Seaham	884,372	915,816	802,696
Hartlepool and Stockton	655,789	590,952	524,530
TOTAL House Coals	1,823,247	1,784,405	1,592,450
Steam	340,714	354,934	273,924
Gas	580,780	646,351	576,960
Cokeing	229,664	275,569	220,789
Manufacturing	251,944	200,627	183,750
Welsh	82,953	86,144	126,789
Yorkshire	23,942	31,911	32,474
Small	40,012	19,620	9,732
Inland Coals	3,373,256	3,399,561	3,016,868
	653,729	979,170*	1,162,486†
	4,026,985	4,378,731	4,179,354

* Quantity from Wear and Tees not known.

† Including House Coals from Wear and Tees - - - 168,943 Tons.
 Cokeing, &c. ditto ditto - - - 52,746 „
 221,689 „

1855.

ZINC ORES.

	Calamine.		Blende.	
	Tons.	Cwt.	Tons.	Cwt.
Alston Moor Mines	-	-	662	1
Pencorse Consols	-	-	770	0
Silver Brook, Ilstington	-	-	342	18
Lisburne Mines	-	-	315	0
Cefn Brwyno	-	-	46	14
Foxpath	-	-	26	5
Rheidol United	-	-	66	5
Caegynon	-	-	9	9
Nantyceria	-	-	128	0
Minera Mines	-	-	854	6
Talargoch Mine, Dyserth near Rhyl	-	-	851	10
Greenwich Hospital Mines	-	-	550	0
Laxey Mines	-	-	3,989	18
Nantycar	-	-	73	10
Ivy Bridge Mine	-	-		
East Huel Rose	-	-		
Great Huel Baddern	-	-	935	0
Huel Carpenter	-	-		
Anna Consols &c.	-	-		

The increasing value of the Sulphurets of Zinc has naturally led to a considerable increase in the production of this Ore. The above list is not to be regarded as representing all the "*Black Jack*" raised, but the quantities sold from the mines named; it is hoped that in another year these returns will be yet more complete.

ZINC IMPORTED into the United Kingdom in the year ending 31st December 1855, and the two previous years:—

	1855. Tons.	1854. Tons.	1853. Tons.
Spelter	17,845	19,583	23,419

The ZINC in 1855 was chiefly imported from the following Places:—

	Zinc or Spelter.		Oxide Zinc.	
	Tons.		Tons.	Cwts.
Prussia	5,751		10	0
Hanseatic Towns	7,568			
Belgium	3,421		176	0
Holland	707		32	14
France	167		5	12
United States	267		12	8

ZINC exported from the United Kingdom in the year ending 31st December 1855 and the two previous years:—

PRODUCE OF UNITED KINGDOM.

	1855.			Tons.
Zinc or Spelter	2,516	—	—	

FOREIGN OR COLONIAL PRODUCE.

	1855.	1854.	1853.	Tons.
Spelter	2,635	5,322	9,461	

Of METALLIC ZINC the following were the more important exports:—

	British.		Foreign.	
	Tons.	Cwts.	Tons.	Cwts.
British Territories in the East Indies	-	1,501 17	1,239	15
Turkey - - - - -	-	224 9	14	0
United States - - - - -	-	177 2	53	15
South Africa - - - - -	-	119 11	1	0
France - - - - -	-	50 0	1,225	6
British North America - - - - -	-	97 7	24	10
Buenos Ayres - - - - -	-	82 18	21	0
Australia - - - - -	-	87 16	1	5
Italy - - - - -	-	29 19	8	5

SALT.

CHESHIRE.

	Tons.
The quantity of White Salt manufactured from brine in the districts of Winsford and Northwich -	834,514
Rock Salt exported as such - - - - -	70,256
The quantities of Salt carried down the river Weaver from April 5, 1855, to April 5, 1856, were,	
Rock Salt - - - - -	53,256
White Salt - - - - -	708,358

WORCESTERSHIRE.

The quantity of Salt manufactured from brine at Droitwich and Stoke - - - - -	170,000
---	---------

EXPORTS.

Of British Salt there was exported in—

	Bushels.	Value.
1853	- 20 850,960	- £272,173
1854	- 19,543,360	- £293,473
1855	- 25,206,127	- £347,714

IRELAND.

Carrickfergus, near Belfast - - - - - 20,000 Tons.

Of this quantity, 8000 Tons were consumed in Ireland. No refined Salt is exported, the trade being confined to Rock Salt. The Salt trade of Belfast is extending; large contracts for the current year have been entered into with Soda Manufacturers in Scotland and in Northumberland.

SULPHUR ORES.

(MUNDIC.—IRON PYRITES.)

The largest supply is from the mines of Wicklow in Ireland.

The following mines shipped from Arklow and Wicklow as below :—

	Tons.
Ballymurtagh - - - - -	17,185
Ballygahan - - - - -	12,222
Conorree or Connary - - - - -	3,426*

The total quantity exported, the produce of Ireland, has been—

58,000 Tons.

Trefriw, near Llanrwst, North Wales - - - - -	200
From numerous mines in the counties of Devon and Cornwall; shipped at Devoran, Portreath, Hayle, and other ports - - - - -	19,840
Cumberland and Westmoreland - - - - -	2,000
"Coal Brasses," chiefly of Durham and Northumberland - - - - -	1,780

* In 1853, the quantity shipped from Connary was 8,922 Tons.

In 1854, " " " " 9,864 "

ARSENIC.

The difficulty of ascertaining the actual quantity of Arsenic produced from our mines annually is great. This arises from the circumstance that much Arsenic is sold from the "Burning Houses" as White Oxide of Arsenic, while some mines sell Arsenical Iron Ores (*Arsenical Mundic*) in small parcels, which are returned as Arsenic.

The produce however of White Oxide of Arsenic, for 1855, in Cornwall has been computed as carefully as possible to be 1,390 Tons.

The following Mines only have furnished exact returns :—

	Arsenical Mundic. Tons.	White Arsenic. Tons.
Okel Tor, Calstock - - - - -	151	
Bedford United Tavistock - - - - -	197	
Borrington Consols, Plympton - - - - -	147	
Dolcoath Camborne - - - - -	—	102
Huel Unity Consols, Gwinear - - - - -	—	106
Carn Brea Redruth - - - - -	—	140
East Pool - Do. - - - - -	—	84
Huel Sidney, Plympton - - - - -	—	11

NICKEL AND COBALT ORES.**CORNWALL.**

St. Austle Consols - - - - -	39 Tons.
------------------------------	----------

SCOTLAND. ARGYLESHERE.

Mines belonging to the Duke of Argyll. From these there appears to have been raised, but not all sold, during the last two years - 300 Tons.

CUMBERLAND.

Coniston Mines - - - - -	3 Tons.
--------------------------	---------

BARYTES.

The Isle of Arran	-	-	-	550 Tons.
Barytes Company of Ireland	-	-	-	1,291 „
Alston Moor	-	-	-	104 „
Bridford Consols, Devonshire*	-	-	-	35 „

* The mass of Barytes from which the above was taken is opened nearly 300 feet deep, 600 feet long, and 40 feet wide—containing some hundreds of thousands of tons. The demand for Barytes, especially the sulphate, is however very limited.

CLAY.**CHINA CLAY.****CORNWALL.**

The principal portion of the China Clay of Cornwall is shipped from the Ports near St. Austle.

In 1855, there were shipped from Par - ^{Tons.} 12,270.

In 1854 - 18,742 Tons.

In 1853 - 17,000 Tons.

Do.	Do.	from Charlestown	-	-	29,500
Do.	Do.	from Pentewan	-	-	18,000
Do.	Do.	from Truro	-	-	178
Do.	Do.	from Padstow	-	-	40
Do.	Do.	from other Ports	-	-	200
					<u>60,188</u>

DEVONSHIRE.

Lee Moor Clay Works	-	-	-	900
Works on Dartmoor	-	-	-	200

CHINA STONE.

Shipped from Par	-	-	-	5,841
Shipped in 1854	-	8,246 Tons.		
Do. 1853	-	9,000 Tons.		
Do. from Charlestown	}	-	-	14,120
Do. from Pentewan				
				<hr/> 19,961

The value of Clay at the Works varies, according to its quality, from 10s. to 24s. the ton; and of China Stone, the average price is 18s. the ton.

	£	s.	d.
The value of the China Clay of Cornwall at Works - - - - -	51,159	16	0
The value of the China Clay of Devon- shire at Works - - - - -	935	0	0
The value of the China Stone of Corn- wall at Works - - - - -	17,964	18	0

There are two special localities from which the China Clays are prepared, and two descriptions obtained. The best is got in the parishes of St. Dnnis and St. Stephens, near Saint Austle; the second quality in the Parish of St. Austle, and two or three other districts.

The first quality is used for Porcelain, and the second for whitening and filling the pores of inferior calicoes and paper.

The China Stone is entirely used in the Potteries. There was an agreement existing amongst the producers to send off annually 12,000 tons; but when the demand is brisk, that has been extended to 18,000 tons, and sometimes, as last year, exceeded.

The Potters' raw material, consisting of Clay, Flint, &c., imported by Railway and Canal into the Staffordshire Potteries, was 80,000 Tons.

At the Lee Moor Clay Works in Devonshire, the Common Clay, Mica, and Sand are ground together, and made into Fire-bricks, which are used in the Iron Furnaces and Lead Works; they are also manufacturing it as artificial stone, for external house decoration.

PIPE CLAY.

Of Pipe Clay from Kingsteignton, Devonshire, &c., there appears to have been exported 20,000 Tons.

BRICK CLAY.

The quantity of Bricks made per annum in this kingdom is about 1,800,000,000; of this quantity Manchester alone makes about 130,000,000 per annum. What are termed the London makers produce about the same quantity; but Bricks are sent to the metropolis from a circuit of 100 miles; it is therefore impossible to give exactly the consumption. Taking Bricks at the low average of three tons per 1,000, the annual make exceeds in weight 5,400,000 tons, and the capital employed must be upwards of £2,000,000 sterling. The above statement is given on the authority of Mr. Humphrey Chamberlain, who made a communication on this subject to the Society of Arts.

It is impossible at present to arrive at any conclusion as to the quantities of Clay which, in the Coal Measure districts, is made into Draining Pipe, Tiles, &c.

POOLE CLAY.

An Account of the number of Tons of CLAY that have been shipped at this Port, to the undernamed Ports or Places, from the year 1848 to 1855:

Distinguishing the quantity in each year respectively.

Ports or Places to which sent.	1848.	1849.	1850.	1851.	1852.	1853.	1854.	1855.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
Aylesford - - -	—	80	—	—	—	—	—	—
Allerton - - -	—	—	—	22	—	37	—	—
Aberdeen - - -	—	—	—	15	—	—	10	—
Bristol - - -	669	856	1,574	1,211	1,585	1,813	1,927	1,608
Broness - - -	133	346	370	495	486	430	266	553
Belfast - - -	—	—	—	95	—	—	—	—
Birkenhead - - -	—	862	400	350	—	986	938	786
Brentford - - -	—	—	—	—	—	—	5	—
Chichester - - -	—	6	15	80	10	—	5	—
Cardiff - - -	—	40	—	—	—	—	50	—
Carril - - -	—	135	—	—	—	—	—	—
Cowes - - -	—	—	230	—	—	—	—	—
Chester - - -	65	—	887	1,760	1,643	133	120	—
Chatham - - -	—	—	—	50	—	—	—	130
Castleford - - -	—	177	242	333	467	533	676	674
Cliff Creek - - -	—	—	—	—	—	—	—	50
Dysart - - -	100	220	281	219	120	—	183	—
Emsworth - - -	6	—	—	—	—	—	—	—
Fisherrow - - -	75	130	—	—	73	—	88	—
Fareham - - -	20	—	—	—	—	—	—	—
Forstanley - - -	—	—	249	—	—	—	—	—
Ferrybridge - - -	—	75	73	161	301	397	363	281
Forston Wharf - - -	—	—	—	88	—	—	—	—
Goole - - -	171	150	140	196	140	390	105	195
Glasgow - - -	1,391	1,395	2,238	2,489	1,663	1,619	2,278	2,350
Grangemouth - - -	—	—	—	90	—	—	—	—
Gloucester - - -	—	—	—	—	55	—	70	85
Gravesend - - -	—	—	—	—	—	—	—	150
Hull - - -	1,803	1,378	2,238	1,542	1,792	801	926	1,082
Hartlepool - - -	—	—	—	—	—	—	77	—
Humber, Small Places on -	726	—	—	—	—	—	—	65
Kirkaldy - - -	—	—	86	104	154	188	111	437
Knottingly - - -	—	—	—	—	—	60	—	—

POOLE CLAY RETURNS.

101

POOLE CLAY—continued.

Ports or Places to which sent.	1848.	1849.	1850.	1851.	1852.	1853.	1854.	1855.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
London - - -	5,293	81,28	7,840	10,486	16,139	10,285	11,144	13,833
Leeds - - -	110	270	379	538	613	352	701	565
Leigh - - -	—	414	458	850	1,692	14,90	1,675	1,168
Liverpool - - -	16,121	13,641	25,267	33,873	24,046	19,048	28,876	20,563
Llanelly - - -	80	138	267	416	320	429	341	241
Larne - - -	—	—	—	130	—	—	—	—
Lowestoff - - -	—	—	—	52	—	—	—	—
Middlesborough - - -	150	410	373	95	280	185	—	256
Maidstone - - -	—	—	90	—	—	—	—	—
Maxberry - - -	—	—	—	—	—	—	70	—
Newcastle - - -	150	1,171	1,646	1,870	3,240	2,714	3,629	2,835
Newport - - -	—	—	—	12	—	3	—	—
Newbiggin - - -	—	—	—	—	—	68	—	—
Port Glasgow - - -	90	201	290	101	255	190	385	251
Plymouth - - -	—	—	40	78	70	50	—	—
Penzance - - -	—	—	—	5	—	—	66	—
Portsmouth - - -	—	—	—	40	1	80	—	—
Potefract - - -	—	—	—	—	—	—	25	—
Preston Pans - - -	—	—	—	—	—	—	—	45
Rochester - - -	—	—	—	580	—	165	80	—
Rotherham - - -	—	—	—	—	—	—	125	—
Rye - - -	—	54	—	—	—	40	—	—
Rawmarch - - -	—	—	—	55	—	—	—	—
Stockton - - -	250	386	637	657	726	769	467	504
Southampton - - -	2	2	1	—	3	40	—	—
Sunderland - - -	520	794	710	867	1,114	828	801	1,284
Swansea - - -	223	379	—	250	702	261	1,146	658
Saltney - - -	—	70	300	230	—	—	80	—
Swinton - - -	—	—	—	30	—	34	—	—
Seaham - - -	—	—	—	50	—	40	—	—
Truro - - -	36	—	40	—	—	50	—	—
Teignmouth - - -	—	—	—	—	—	—	55	145
Whitehaven - - -	115	202	347	200	250	150	256	155
Weymouth - - -	—	—	35	93	105	12	45	—
Woolwich - - -	—	—	—	—	—	63	—	—
Woodleford - - -	—	—	—	80	—	118	—	—
Yarmouth - - -	10	—	—	—	—	—	54	—

CLAY sent from the Port of POOLE to Foreign Ports.

	1850.	1851.	1852.	1853.	1854.	1855.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
Antwerp -	—	108	—	80	100	90
Bremen -	—	—	134	104	—	236
Dordt -	—	377	850	643	290	984
Gijon -	45	—	—	—	—	—
Hamburg -	—	—	—	—	120	83
Jersey -	—	2	—	—	—	—
Montreal -	—	—	21	—	—	—
Rivades -	160	—	—	—	—	—
Rotterdam -	70	69	100	120	—	220
Seville -	755	104	330	80	848	848
Stockholm -	383	479	347	260	688	292
Sancyprian -	—	189	128	165	168	—

Total quantities of CLAY sent from the Port of POOLE in each of the last eight years.

	Tons.		Tons.
1848 - - - -	29,026	1852 - - - -	59,955
1849 - - - -	32,755	1853 - - - -	46,300
1850 - - - -	49,156	1854 - - - -	60,432
1851 - - - -	62,266	1855 - - - -	53,702

CLAY sent from POOLE to London, by London and South-western Railway.

	Tons.	cwts.	qrs.
1852 - - - -	3	0	0
1853 - - - -	189	0	0
1854 - - - -	1,292	15	0
1855 - - - -	582	0	0

BUILDING STONES.

This inquiry has been commenced, but the field is so large, the Quarries of excellent Stone are so numerous, and the detailed produce of each obtainable only with such difficulty, that it has not been possible to complete the investigation within the time at disposal. To do so it would be necessary to delay the publication for some months; it is therefore thought advisable to give the following lists of some of the more important Quarries only, this year, adding such brief information as is in possession of the Mining Record Office.

CORNWALL.

Name of Quarry.	Nearest Town.	Kind of Stone.
Lemorna - - - -	Penzance - - - -	Granite.
Paul Hill - - - -	Do. - - - -	Do.
Constantine - - - -	Helston - - - -	Do.
Carnsew - - - -	Penryn - - - -	Do.
Budock - - - -	Falmouth - - - -	Do.
Pentuan - - - -	Lostwithiel - - - -	Do.
Delank - - - -	Padstow - - - -	Do.
Luxillian Moors - - - -	Luxillian - - - -	Do.
Gunnis Lake - - - -	Calstock - - - -	Do.

CORNWALL—*continued.*

Name of Quarry.	Nearest Town.	Kind of Stone.
Polkanago - - -	Penryn - - -	Granite.
Burthy Quarry - - -	St. Austle - - -	Do.
Zennor - - -	St. Ives - - -	Do.
Brownwilly - - -	Wadebridge - - -	Do.
Rosemorran - - -	Penzance - - -	Do.
St. Breward - - -	Bodmin - - -	Do.
St. Blazey - - -	Fowey and St. Austle - - -	Do.
Hensborough - - -	Lostwithiel - - -	Do.
Cheeswring - - -	Liskeard - - -	Do.
Delabole - - -	Padstow - - -	Slate.
Glynn - - -	Bodmin - - -	Do.
Lewannick - - -	Launceston - - -	Polyphant Stone.
Newquay - - -	St. Colomb - - -	Porphyry.
Withiel - - -	St. Austle - - -	Do.
Wendron - - -	Helston - - -	Granite.
Stephen's Quarry - - -	Penryn - - -	Do.
Treluswell - - -	Do - - -	Greenstone.
Trefusis - - -	Falmouth - - -	Do.
Ponsanooth - - -	Penryn - - -	Do.
Hingston Down - - -	Calstock - - -	Granite.
Newham - - -	Truro - - -	Elvan.
Porkellis - - -	Wendron - - -	Do.
Roscrow - - -	Penryn - - -	Do.
Cadgwith - - -	Lizard - - -	Serpentine.
Goonhilly - - -	Do - - -	Do.

The Granite of Cornwall, which is used in all parts of the country in large works, is shipped from Penzance, Penryn, Padstow, Helford, Par, and Loo; the estimated quantity exported in 1855 being 473,716 Feet, which is equal to about 35,000 Tons, the value of which may be estimated at £75,700.

It is not possible, at present, to ascertain the quantities of Slate raised, and of Elvans used in the county.

The beautiful Serpentine of the Lizard district are now used extensively for ornamental purposes.

DEVONSHIRE.

Name of Quarry.	Nearest Town.	Kind of Stone.
Beer - - -	Axminster - - -	Limestone.
Oreston - - -	Plymouth - - -	Do.
Cann - - -	Do. - - -	Slate.
Kingsbridge - - -	Kingsbridge - - -	Slate.
Haytor - - -	Totness - - -	Granite.
Dartmoor - - -	Plymouth - - -	Do.
Roborough - - -	Tavistock - - -	Elvan.
Ipplepen - - -	Totness - - -	Limestone.
Babbacombe - - -	Torquay - - -	Do.

The Granite of Dartmoor is shipped at Laira, Plymouth, and Totness; the annual produce does not appear to have exceeded 5,000 Tons. The Limestones of Plymouth are extensively employed in building, and are burnt for lime.

Those of Torquay are largely used for ornamental purposes. The Slates of Devonshire are advancing in importance.

SOMERSETSHIRE.

Name of Quarry.	Nearest Town.	Kind of Stone.
Lodge Hill - - -	Bath - - -	Oolite.
Hamhill - - -	Yeovil - - -	Limestone.
Doultny - - -	Shepton Mallet - - -	Do.
Dundry Hill - - -	Bath - - -	Oolite.
Easton - - -	Bristol - - -	Sandstone.
Clevedon - - -	Clevedon - - -	Magnesian Conglomerate.
Bristol - - -	Bristol - - -	Conglomerate.
Do. - - -	Do. - - -	Limestone.

Sulphate of Lime is worked at Windford.

GLOUCESTERSHIRE.

Name of Quarry.	Nearest Town.	Kind of Stone.
Knockley - - -	Coleford - - -	Sandstone.
Windrush. - - -	Burford - - -	Oolite.
Tortworth - - -	Tortworth - - -	Sandstone.
Charfield - - -	- - -	Limestone.

DORSETSHIRE.

Portland Quarries - - -	Weymouth - - -	Oolite.
Seacombe - - -	Corfe Castle - - -	Limestone.

STONE conveyed on the Portland Railway.

		Tons.	average selling price	s.	d.	
1853	- - -	Block - 25,242	-	19	6	per Ton.
		Roach - 8,356	Do.	6	6	Do.
1854	- - -	Block - 28,533	Do.	19	6	Do.
		Roach - 4,575	Do.	6	6	Do.
1855	- - -	Block - 22,995	Do.	19	6	Do.
		Roach - 3,547	Do.	6	6	Do.
First Quarter } of 1856 - }	- Block -	5,179	Do.	19	6	Do.
	- Roach -	673	Do.	6	6	Do.

The shipments from other parts of the Island may probably be taken at an average of 400 Tons of Block and 100 Tons of Roach.

WILTSHIRE.

Name of Quarry.	Nearest Town.	Kind of Stone.
Baynton - - -	Chippenham - -	Oolite.
Drews' - - -	Bath - - -	Do.
Bevis's - - -	Hindon - - -	Sandstone.
Chilmark - - -	Salisbury - - -	Limestone.
Cranmore - - -	Doulting - - -	Oolite.
Box Hill - - -	Chippenham - -	Do.
Vale of Wardour - -		Limestone.

SOUTH WALES.

Abercarne - - -	Newport - - -	Sandstone.
Barbadoes - - -	Chepstow - - -	Do.
Sutton - - -	Bridgend - - -	Limestone.

NORTH WALES.

Talacre - - -	Holywell - - -	Sandstone.
Penrhyn Slate Quarries -	Bangor - - -	Slate.
Llanberis - - -	Carnarvon - - -	Do.
Festiniog - - -	Port Madoc - - -	Do.
Llangollen Flag - - -	Llangollen - - -	Do.
Machynlleth - - -	Aberdovey - - -	Do.
Royal Slate - - -	Bangor - - -	Do.
Penmachno - - -	Conway - - -	Do.
Rhosydd - - -	Do - - -	Do.

The Slates of North Wales are of the utmost importance, there being quarried upwards of 350,000 tons of roofing slates and slabs per annum. The quarries at Penrhyn, belonging to Colonel Pennant, M.P., producing at least 150,000 tons, and those of Ashton Smith, Esq., nearly as large a quantity; these at 40s. the ton, which is the average price for roofing slates, may be valued at £700,000 per annum.

The imports of Slates into the port of Liverpool alone from North Wales are stated to have been—

From	Tons.	From	Tons.
Bangor - - -	8,500	Conway - - -	1,200
Carnarvon - - -	8,000	Beaumaris - - -	320
Port Dinorwic - - -	4,500	Aberdovey - - -	250
Port Madoc - - -	1,000		

There were some small imports from other places.

SHROPSHIRE.

Name of Quarry.	Nearest Town.	Kind of Stone.
Stanley - - - -	Bewdley - - - -	Sandstone.

OXFORDSHIRE.

Heddington - - -	Oxford - - -	Limestone.
Taynton - - -	Burford - - -	Oolite.

BEDFORDSHIRE.

Totternhoe - - -	Dunstable - - -	Limestone.
------------------	-----------------	------------

NORTHAMPTONSHIRE.

Barnack Mill - - -	Stamford - - -	Oolite.
--------------------	----------------	---------

RUTLANDSHIRE.

Ketton - - - -	Stamford - - -	Oolite.
----------------	----------------	---------

STAFFORDSHIRE.

Hollington - - -	Uttoxeter - - -	Sandstone.
------------------	-----------------	------------

NOTTINGHAMSHIRE.

Lindley's White - - -	Mansfield - - -	Sandstone.
Lindley's Red - - -	Do - - -	Do.

LINCOLNSHIRE.

Ancaster - - -	Sleaford - - -	Oolite.
St. Giles - - -	Lincoln - - -	Do.
Haydor - - -	Grantham - - -	Limestone.

SURREY.

Gatton - - - -	Merstham - - -	Sandstone.
----------------	----------------	------------

KENT.

Calverley - - -	Tunbridge Wells - - -	Sandstone.
Kentish Rag - - -	Maidstone - - -	Do.

DERBYSHIRE.

Name of Quarry.	Nearest Town.	Kind of Stone.
Ball Cross - - -	Bakewell - - -	Sandstone.
Bolsover - - -	Chesterfield - - -	Magnesian Limestone.
Duffield Bank - - -	Derby - - -	Sandstone.
Dukes Quarries - - -	Cromford - - -	Do.
Hopton Wood - - -	Wirksworth - - -	Limestone.
Lindrop - - -	Bakewell - - -	Do.
Morley Moor - - -	Derby - - -	Sandstone.
Shaw Lane - - -	Belper - - -	Do.
Stanciliff - - -	Bakewell - - -	Do.
Mansfield Woodhouse - - -	Mansfield - - -	Magnesian Limestone.
North Anston - - -	Rotherham - - -	Do.

Of the superior kinds of Stone produced in Derbyshire the above quarries have furnished about 100,000 Tons. There has been a much larger quantity of common Limestones produced, used for the Iron Furnaces and for the manufacture of lime.

YORKSHIRE.

Name of Quarry.	Nearest Town.	Kind of Stone.
Bolton's - - -	Whitby - - -	Sandstone.
Bramley Fall - - -	Leeds - - -	Do.
Brodsworth - - -	Doncaster - - -	Magnesian Limestone.
Cadeby - - -	Do. - - -	Do.
Cromwell Bottom - - -	Halifax - - -	Sandstone.
Elland Edge - - -	Do. - - -	Sandstone.
Gledhow Wood - - -	Leeds - - -	Do.
Gatherley Moor - - -	Richmond - - -	Do.
Gipton Wood - - -	Leeds - - -	Do.
Hildenley - - -	New Malton - - -	Limestone.
Harehills - - -	Leeds - - -	Do.
Hookstone - - -	Harrowgate - - -	Sandstone.
Headingley - - -	Leeds - - -	Do.
Huddersstone - - -	Sherburne - - -	Magnesian Limestone.
Horsforth - - -	Leeds - - -	Sandstone.
Jack Daw Craig - - -	Tadcaster - - -	Do.
Gazby Stone - - -	Leeds - - -	Do.
Kirk Smeaton - - -	Kirk Smeaton - - -	Do.
Leeds - - -	Leeds - - -	Do.
Longwood Edge - - -	Huddersfield - - -	Do.
Meanwood - - -	Leeds - - -	Do.
Micklefield Lime - - -	Do. - - -	Limestone.
Osmotherley - - -	Northallerton - - -	Sandstone.
Northowram - - -	Halifax - - -	Do.
Park Quarry - - -	New Malton - - -	Do.
Park Spring - - -	Leeds - - -	Do.
Pearson Brow - - -	Hipperholme - - -	Do.
Park Nook - - -	Doncaster - - -	Magnesian Limestone.
Potter Newton - - -	Leeds - - -	Sandstone.
Roche Abbey - - -	Bawtry - - -	Do.
Scotgate Head - - -	Huddersfield - - -	Sandstone.

YORKSHIRE—*continued.*

Name of Quarry.	Nearest Town.	Kind of Stone.
Smawse - - - -	Tadcaster - - - -	Magnesian Limestone.
Victoria - - - -	Rodley - - - -	Sandstone.
Wass - - - -	Thirsk - - - -	Oolite.
Warwick - - - -	Goole - - - -	Sandstone.
Wheatwood - - - -	Leeds - - - -	Do.
Aislaby - - - -	Whitby - - - -	Do.
Egton - - - -	Do. - - - -	Do.
Sneaton - - - -	Do. - - - -	Do.
Newton Dale - - - -	Do. - - - -	Do.
Wickersley - - - -	Rotherham - - - -	Do.*
Grindstone Quarries - - - -	Barnsley &c. - - - -	Do.

* Grindstone Quarries.

From these Quarries there has been produced of blocks, flags, and paving stones, about

220,000 Tons, value estimated at £200,000.

The prices of Yorkshire Block being from 11*d.* to 14*d.* per cwt., of tooled paving 2*s.* 10*d.* per yard, and of rough flagging 3*s.* 6*d.* per yard.

CUMBERLAND.

Roofing Slates are worked in the mountains of the Lake districts, and many valuable Building Stones are raised.

WESTMORELAND.

Quarries producing excellent Roofing Slates, and many varieties of Building Stones.

LANCASHIRE.

Name of Quarry.	Nearest Town.	Kind of Stone.
Furness - - - -	Ulverstone - - - -	Slates.

There are numerous excellent Quarries of Sandstone, &c., in Lancashire. The Slate Quarries belonging to the Earl of Burlington are becoming every year of more importance.

NORTHUMBERLAND.

Name of Quarry.	Nearest Town.	Kind of Stone.
Heddon - - -	Newcastle-on-Tyne -	Sandstone.
Kenton - - -	Do.	Do.

DURHAM.

Name of Quarry.	Nearest Town.	Kind of Stone.
Pensher - - -	Durham - - -	Sandstone.
Redgate - - -	Wolsingham - - -	Do.
Stenton - - -	Barnard Castle - - -	Do.
Gatesheadfill - - -	Gateshead - - -	Do.*

* Celebrated for its Grindstones, producing annually about 1,000 Tons.

SCOTLAND.

There are upwards of 300 Quarries in Scotland, many of them producing excellent Building Stones. Of these the best known are—

Name of Quarry.	Nearest Town.	Kind of Stone,
Craigleith - - -	Edinburgh - - -	Sandstone.
Auchray - - -	Dundee - - -	Do.
Binnie - - -	Uphall - - -	Do.
Cat Craig - - -	Borrowstoness - - -	Do.
Dunmore, &c. - - -	Falkirk - - -	Do.
Crawbank - - -	Borrowstoness - - -	Do.
Glamis - - -	Forfar - - -	Do.
Giffneuch - - -	Glasgow - - -	Do.
Lochee - - -	Dundee - - -	Do.
Longannet - - -	Kincairdine - - -	Do.
Munlochy - - -	Ross - - -	Do.
Mylnefield - - -	Dundee - - -	Do.
Pyotdikes - - -	Do. - - -	Do.
King's Cavel - - -	Uphall - - -	Do.
Red Hall - - -	Edinburgh - - -	Do.
Hill's Quarry - - -	Do. - - -	Do.
Brighton Quarry - - -	Do. - - -	Do.
Humbie - - -	Do. - - -	Do.

SCOTLAND—*continued.*

The annual value of the Stone raised in the Craighleith Quarry is about 3000*l.* in the Quarry, and that from the Binnie Quarry rather more than 4000*l.*

The prices of these Stones are as follows :—

						Common Rock.	Best Rock.
						<u>s. d.</u>	<u>s. d.</u>
Ashlar of ordinary lengths	-	1 0	×	0 6	per lin ¹ foot	0 6½	0 7½
Do. „ do.		1 0	×	0 8	„	0 7½	0 8½
Do. „ do.		1 0	×	0 9	„	0 8½	0 9½
Do - - -		-		-	each	1 1	1 4

						<u>s. d.</u>	<u>s. d.</u>
						<u>s. d.</u>	<u>s. d.</u>
Long Stones	-	5 0	×	1 2	× 7 per lin ¹ foot	0 9	0 10
Do. do.	-	5 6	×	1 2	× 7 „	0 10	0 11
Do. do.	-	6 0	×	1 2	× 7 „	0 11	1 1
Do. do.	-	7 0	×	1 2	× 8 „	1 1	1 4
Do. do.	-	8 0	×	1 2	× 8 „	1 4	1 7
Do. do.	-	9 0	×	1 2	× 9 „	1 7	1 10
Do. do.	-	10 0	×	1 2	× 9 „	1 10	2 1

When the above stones are ordered from 1 foot 2 inches to 1 foot 6 inches broad, they are charged the above rates per superficial foot.

						<u>s. d.</u>	<u>s. d.</u>
Cube Stones		not exceeding 5 cubic feet, per foot				1 1	1 4
Do. do.	above 5	„	10	„		1 4	1 7
Do. do.	„ 10	„	15	„		1 7	1 10
Do. do.	„ 15	„	20	„		1 10	2 1
Do. do.	„ 20	„	25	„		2 4	2 7
Do. do.	„ 25	„	30	„		2 7	3 1
Do. do.	„ 30	„	40	„		3 4	3 7

Sienitic Green Stone, to the value of upwards of 1000*l.* per annum, is worked in the neighbourhood of Edinburgh.

The Sandstone Quarries in the neighbourhood of Glasgow are now in active operation, and large quantities of Stone are sent to Edinburgh and elsewhere by Railway.

The GRANITE OF ABERDEENSHIRE, and particularly the DISTRICT of BUCHAN.

The greater part of the county of Aberdeen rests upon Granite.

The Aberdeen Granite, from the quarries of Dancing-cairn, Rubislaw, Tyrebagger, &c., is so much used in London for kerb and paving, as

to render any particular description unnecessary. The base of the Duke of York's monument is from these quarries.

From Cruden to Peterhead the coast is chiefly precipitous, and the rocks of Red Granite, approaching perhaps nearer to the Red Granite of Egypt than any other in Britain. Quarries have been wrought on the estate of the Earl of Errol, and on the estate of Longhaven, belonging to the heirs of the late Alexander Erskine, in the parish of Cruden; in the Stirling-hill, on the estate of Boddam, belonging partly to the Earl of Aberdeen, and partly to Mrs. Margaret Gordon of Sanford-hill; on the estate of Seafeld, belonging to Mrs. Amelia Anderson, and on the estate of Peterhead, belonging to the Governors of the Merchant Maiden Hospital of Edinburgh, all in the parish of Peterhead. The Sheerness Docks were built mostly of stones from these quarries. The pillar of the Duke of York's monument from the Stirling-hill, and the Abacus, from the Seafeld quarries. The pillars in the British Museum from Mr. Erskine's quarries, and those in Fishmongers' Hall from the Stirling-hill; the base of Pitt and of Fox's monuments from Peterhead.

There are extensive quarries in the Black-hill, four miles west of Peterhead, belonging to the Governors of the Merchant Maiden Hospital, and to Roderick Gray, Esq., solicitor in Peterhead.

In the parish of Longside, the quarries of Cairngall*, the property of Robert Hutchinson, Esq., are wrought to a considerable extent; and also quarries on the estate of Rova, belonging to Admiral George Ferguson, of Pitfour.

There are many places in the District of Buchan where quarries of Granite might be opened, and this material may with safety be said to be inexhaustible. Beds of Trap, Green-stone, and Primary Lime-stone are not unfrequent.

In the Granite are found nests of crystallized Quartz, and rounded nodules of Trap.

The Granite lies in all directions, but oftener vertical than horizontal; blocks of large size may be found, much larger than could be removed.

The quantity of Granite shipped at Peterhead in 1855 was 368 tons; the prices obtained vary from 2s. to 5s. per cubic foot.

ARGYLESHIRE.

The Easdale and other Slate Quarries in Argyleshire have been worked for several centuries; the principal are—

Easdale,
Seil,
Oban,
Ellenabeich.

These are estimated to produce 10,000,000 Slates annually.

* Mr. McDonald, proprietor of the large establishment for polishing Granite, &c., of Aberdeen, has the lease of these quarries.

SUNDRIES OF MINERAL PRODUCE.

ALUM SCHISTS.

The Alum Schists raised at the Hurlet Works, and at Campsie, both near Glasgow, was about 15,000 Tons. The quantity of Alum made near Glasgow being about 6,000 Tons; at the same works 350 Tons of Sulphate of Iron are annually produced.

At the Mulgrave Alum Works, near Whitby, and some others on the same coast, about the same quantity is annually produced from the Alum Shale. At the Pendleton Works, near Manchester, and the Chemical Works on the Tyne, large quantities of Alum are annually manufactured.

JET.

The value of the Jet manufactured at Whitby in 1855 was £20,000.

MAGNESIAN LIMESTONES.

From the Magnesian Limestones of the northern counties large quantities of Sulphate of Magnesia (Epsom Salts) and Carbonate of Magnesia are manufactured at the Chemical Works on the Tyne.

APPENDIX.

COLLIERIES OF THE UNITED KINGDOM.

ENGLAND.

DURHAM AND NORTHUMBERLAND.

SEASALE COLLIERIES.

No.	Name of Colliery.	Where situated.	Owner's Name.
<i>District of Tyne, Blyth, and Coquet.</i>			
1	Allerdean - - -	Newcastle -	Barkass and Company.
2	Andrews House - -	Gateshead -	Bowes, Hutt, Wood, Palmer, and Company. (<i>The Marley Hill Company.</i>)
3	Ashington - - -	Newcastle -	Henderson and Company.
4	Backworth - - -	Do. - -	Lamb, Taylor, and Co.
5	Barrington - - -	Morpeth -	Longridge and Company.
6	Bedlington - - -	Do. - -	Anderson, Henderson, and Co.
7	Bebside - - -	Blyth - -	N. Lambert, Nicholson, and Co.
8	Benton - - -	North Shields -	Hunter, Elliott, and Company.
9	Bigges Main - - -		Allan and Company.
10	Blaydon Burn - -	Gateshead -	John Cowen.
11	Blaydon Main - -	Do. - -	Messrs. Ramsay.
12	Blenkinsop - - -		Crawhall and Company.
13	Broomhill - - -		Burdon, Barkass, and Company.
14	Brooms (Conside) -	Lanchester -	Conside Iron Company.
15	Burnhope - - -		J. Sowerby and R. Fletcher.
16	Burnopfield - - -	Gateshead -	Marley Hill Company.
17	Burradon - - -		J. Carr and Company.
18	Bush Blades - - -	Do. - -	J. Joicey and Company.
19	Charlaw - - -		Richardson, Hunter, and Co.
20	Cox Lodge - - -	Newcastle -	Trustees of late J. Brandling.
21	Cramlington, East -	Do. - -	J. Lamb, Potters, and Scott.
22	Do. West - - -	Do. - -	Lambe, Maude, Taylor, and Co.
23	Creswell - - -	Do. - -	Richardson and Company.
24	Craghead - - -	Chester-le-Street -	Hedley Brothers.
25	Cowpen - - -	Blyth - -	J. Carr and Company.
26	Crookhall Conside -		Conside Iron Company.
27	Copley - - -		Trustees of G. Prattman.
28	Eden - - -		Edward Richardson.
29	Earsdon - - -	Morpeth - -	H. Taylor and Company.
30	Eighton Moor - - -	Gateshead -	W. Burdon, Esq.
31	Edmondsley - - -	Chester-le-Street -	Sunderland Bank.
32	Elswick - - -		Muschamp and Company.
33	Furnaces or Norwood -	Gateshead -	Marley Hill Company.
34	Felling - - -	Do. - -	J. Carr, Dryden, and Co.
35	Framwellgate Moor -	Durham -	Green, Hunter, and Co.
36	Friars Goose - - -	Gateshead -	Losh, Easton, and Co.
37	Garesfield - - -	Do. - -	Marquis of Bute.
38	Gateshead - - -	Do. - -	Marley Hill Company.
39	Gosforth - - -	Newcastle -	Trustees of late J. Brandling.
40	Greenhead - - -		Crawhall and Company.
41	Haltwhistle - - -	Carlisle -	Maddison and Company.
42	Hartley - - -	North Shields -	J. Carr and Company.
43	Harton - - -	South Shields -	Wood, Philipson, and Co.
44	Hebburn - - -	Gateshead -	Eastons and Andersons.
45	Heddon - - -	Newcastle -	R. Stephenson.
46	Heworth - - -	Gateshead -	Henderson, Anderson, and Co.
47	Holywell, East - -		Taylor, Plummer, and Comp'y.

No.	Name of Colliery.	Where situated.	Owner's Name.
48	Holywell West - -	- -	Plummer and Company.
49	Jarrow - - -	Gateshead - -	Wood, Philipson, and Company.
50	Kibblesworth - -	Do. - -	Marley Hill Coal Company.
51	Killingworth - -	Newcastle - -	Do.
52	Lanchester and Medonsley -	Gateshead - -	Richardson and Company.
53	Lintz Hall - - -	Do. - -	Gooch and Company.
54	Manor Wallsend - -	- -	Wood, Philipson, and Company.
55	Marley Hill - - -	Gateshead - -	Marley Hill Coal Company.
56	Mickley - - -	Do. - -	Cookson, Cuthbert, and Liddell.
57	Mount Moor - - -	- -	Marley Hill Coal Company.
58	Montague Main - -	- -	H. Carr of Scotswood and Co.
59	Netherton - - -	Morpeth - -	Trustees of J. Birkenshaw.
60	Nettlesworth - -	Chester-le Street -	Jonas, John, and Elliott.
61	North Sunderland - -	- -	- -
62	North Seaton - - -	- -	J. Carr and Company.
63	Oakwellgate - - -	Gateshead - -	Easton and Anderson.
64	Oxclose - - -	Do. - -	Jonas, John, and Company.
65	Ouston - - -	- -	Hunt, Perkins, and Company.
66	Pelaw, South - - -	Chester-le-Street	Do.
67	Pelton - - -	Do. - -	Fairless and Company.
68	Pontop - - -	Gateshead - -	Marley Hill Company.
69	Radcliffe - - -	Acklington - -	Harrison, Carr, and Company.
70	Sacriston - - -	Durham - -	W. H. Bell.
71	Seaton Burn - - -	Newcastle - -	Marley Hill Company.
72	Seaton Delaval - -	North Shields - -	Lamb, Burdon, Barnes, and Co.
73	Seghill - - -	Newcastle - -	J. Carr and Company.
74	Sheriff Hill - - -	Gateshead - -	Muschamp and Company.
75	Shield Row - - -	Do. - -	Bell and Company.
76	South Moor - - -	Durham - -	Do.
77	Spital Tongue - -	Newcastle - -	Richardson and Company.
78	Springwell - - -	Gateshead - -	Marley Hill Company.
79	South Moor - - -	Do. - -	Hedley and Morrison.
80	Stanley (Tanfield) -	Do. - -	Burn, Clark, Swainson, and Co.
81	Stella - - -	Chester-le-Street	Potter, Dunn, and Company.
82	Tanfield Moor - -	- -	James Joicey and Company.
83	Do. South - - -	Do. - -	Do.
84	Do. East - - -	Do. - -	Do.
85	Do. Lea - - -	Do. - -	Do.
86	Twizel - - -	Chester-le-Street	Do.
87	Team (Eighton Moor) -	Gateshead - -	W. Burdon.
88	Throckley - - -	Newcastle - -	R. Stephenson.
89	Tyne Main - - -	Gateshead - -	Losh, Easton, and Company.
90	Townley - - -	Do. - -	Potter, Dunn, and Company.
91	Togstone - - -	Acklington - -	George Smith.
92	Urpeth - - -	Chester-le-Street	Hunt, Perkins, and Company.
93	Usworth - - -	Gateshead - -	Jonas, John, and Elliott.
94	Walbottle - - -	Newcastle - -	Lamb, Potters, and Company.
95	Waldridge - - -	Chester-le-Street	Sowerby, Philipps and Co.
96	Walker - - -	Newcastle - -	N. Lambert, Nicholson, and Co.
97	Wallsend - - -	Newcastle - -	Losh, Bell, and Company.
98	Washington - - -	Gateshead - -	Bell, Crowdace, and Co.
99	Willington - - -	Newcastle - -	M. Bell, Allen, and Company.
100	Wylam - - -	Do. - -	H. Blacket.

Wear and Seaham District.

1	Belmont - - -	Durham - -	Bell, Crowdace, and Company.
2	Brasside - - -	Do. - -	Earl of Durham.
3	Broomside - - -	- -	Marchioness of Londonderry.

No.	Name of Colliery.	Where situated.	Owner's Name.
4	Cocken - - -	Durham - -	Earl of Durham.
5	Durham Old - - -	Do. - -	Marchioness of Londonderry.
6	Elemore - - -	Do. - -	Hetton Coal Company.
7	Eppleton - - -	- - -	Do.
8	Frankland - - -	Durham - -	Earl of Durham.
9	Grange Keeper - - -	Do. - -	N. Wood and Company.
10	Grange Rainton - - -	Do. - -	Do.
11	Hetton, Great - - -	Sunderland -	Hetton Coal Company.
12	Do. South - - -	Do. - -	Forster, Burrell, Green, and Co.
13	Do. North - - -	Do. - -	N. Wood and Company.
14	Hanswell - - -	- - -	Plummer, Taylor, and Co.
15	Houghall - - -	Durham - -	Davidson Morrison.
16	Houghton-le-Spring - - -	Do. - -	Earl of Durham.
17	Harraton - - -	Chester-le-Street -	Bell, Stobart, and Company.
18	Keeper - - -	Durham - -	Ralph Dixon.
19	Lambton - - -	Do. - -	Earl of Durham.
20	Lumley - - -	Do. - -	Bell, Stobart, and Company.
21	Little Town - - -	- - -	Earl of Durham.
22	Monkwearmouth - - -	Sunderland -	Bell, Stobart, and Company.
23	Murton or Dalton - - -	Do. - -	Forster, Burrell, Green, and Co.
24	Newbottle - - -	Do. - -	Earl of Durham.
25	Pensher - - -	Do. - -	Marchioness of Londonderry.
26	Pittington - - -	Durham - -	Do.
27	Rainton - - -	Do. - -	Do.
28	Shincliffe - - -	Do. - -	Davidson, Morrison, and Co.
29	Seaham - - -	Sunderland -	Marchioness of Londonderry.
30	Seaton - - -	Do. - -	N. Wood, Philipson, and Co.
31	Sherburn Hill - - -	Durham - -	Earl of Durham.
32	Do. House - - -	Do. - -	Do.
33	Do. Grange - - -	Do. - -	Do.
34	Whitwell - - -	Do. - -	J. M. Ogden and Company.

Tees, Hartlepool, and Stockton District.

1	Adelaide - - -	Darlington -	J. Pease and Company.
2	Auckland, St. Helens - - -	Do. - -	Do.
3	Do. West - - -	Do. - -	Bolckow and Vaughan.
4	Berry Edge - - -	Durham - -	Richardson and Company.
5	Bitchburn - - -	Darlington -	Straker and Love.
6	Do. Low - - -	Do. - -	John Sharp.
7	Do. South - - -	Do. - -	H. Stobart and Company.
8	Do. East - - -	Do. - -	Do.
9	Binchester - - -	- - -	J. Robson and Company.
10	Black Boy - - -	Darlington -	Nicholas Wood and Company.
11	Bowburn, West Hetton - - -	Ferryhill -	J. Robson and Company.
12	Bowden Close - - -	Darlington -	J. Pease and Company.
13	Brancepeth - - -	Do. - -	Straker and Love.
14	Butterknowle - - -	- - -	Trustees of Luke Pratman.
15	Do. East - - -	- - -	Summerson and Grievson.
16	Byers Green - - -	- - -	J. Robson and Company.
17	Cassop and Cassop Moor - - -	- - -	R. P. Philipson and Company.
18	Castle Eden - - -	Ferryhill -	William Cook.
19	Chilton (Little) - - -	Do. - -	J. Robson and Company.
20	Cold Knot (Whitfield) - - -	Darlington -	Thomas Snowdon.
21	Cockfield Fell - - -	- - -	G. Dixon and Company.
22	Conside, West Hetton - - -	- - -	Conside Iron Company.
23	Coxhoe - - -	Ferryhill -	J. Robson and Company.
24	Creswell - - -	- - -	Richardson and Company.

No.	Name of Colliery.	Where situated.	Owner's Name.
25	Crag Wood - - -		P. Booth and Company.
26	Crook Hall - - -	Durham - -	Richardson and Company.
27	Crowtrees, West Hetton -	Ferryhill - -	J. Robson and Company.
28	Deanery - - -	Darlington -	J. Pease and Company.
29	Elm Park - - -		Hunter and Company.
30	Eldon, or South Durham -	Darlington -	J. Pease and Company.
31	Etherley (Old) - - -	Do. - -	H. Stobart and Company.
32	Evenwood - - -	Do. - -	Armstrong and Company.
33	Gordon - - -	Do. - -	P. Booth and Company.
34	Headley Hope (Pease's West)		J. Pease and Company.
35	Heugh Hall, West Hetton -	Ferryhill -	J. Robson and Company.
36	Hunwick - - -	Darlington -	Do.
37	Job's Hill - - -	Do. - -	J. Pease and Company.
38	Kelloe, Old - - -	Ferryhill -	M. Forster and Company.
39	Do. South (Coxhoe) - -	Do. - -	J. Robson and Company.
40	Lands - - -	Darlington -	H. Stobart and Company.
41	Leasingthorne - - -	Do. - -	N. Wood and Company.
42	Ludworth - - -	Durham - -	T. Wood, Burrell, Gulley, & Co.
43	Marshall Green - - -	Darlington -	Muschamp and Company.
44	Merrington - - -	Do. - -	C. L. Wood and Company.
45	Newfield - - -	Do. - -	J. Robson and Company.
46	Norwood - - -	Do. - -	P. Booth and Company.
47	Okenshaw - - -		Straker and Love.
48	Pease's West - - -		Jos. Pease and Company.
49	Page Bank - - -		J. Robson and Company.
50	Roddy Moor, North (Pease's West)	Darlington -	J. Pease and Company.
51	Rodridge - - -		Martin, Seymour, and Company.
52	Sheldon Grange - - -	Middlesbro' -	Bolekow and Vaughan.
53	Shotton - - -	Durham - -	Plummer, Taylor, and Co.
54	Storey Lodge - - -	Darlington -	Armstrong and Company.
55	Thornley - - -	Do. - -	J. Wood, Burrell, and Gulley.
56	Towlaw - - -	Do. - -	Attwood and Company.
57	Trundon - - -	Ferryhill -	J. Wood, Burrell, and Co.
58	Do. Grange - - -	Do. - -	M. Forster.
59	Westerton - - -	Darlington -	Nicholas Wood.
60	Whistworth - - -	Do. - -	Jobeson, Surtees, and Company.
61	Willington Sunny Brow -	Do. - -	Straker and Love.
62	Wingate Grange - - -	Ferryhill -	Lord Howden.
63	Witton Park - - -	Darlington -	Bolekow and Vaughan.
64	Woodhouse Close - - -		H. Heckells and Company.
65	Woodfield Crook - - -		Bolekow and Vaughan.

LANDSALE COLLIERIES.

1	Acklington - - -	Acklington -	Messrs. Cowens.
2	Acomb - - -	Newcastle -	Smith, Stobart, and Co.
3	Allerdean - - -		Barkass Burdon and Co.
4	Barcombe - - -		— Makpiece.
5	Bar Moor - - -		
6	Birkheads - - -		
7	Bog Hall - - -		N. Grace and Co.
8	Burdon Main - - -	North Shields -	Hope and Co.
9	Bowes Close - - -		— Snowdon.
10	Birkshaw - - -		
11	Branden - - -		Straker and Love.
12	Brinkburn - - -		Brinkburn Iron Co.
13	Broad Oak - - -		
14	Callerton - - -	Newcastle -	M. Forster.

No.	Name of Colliery.	Where situated.	Owner's Name.
15	Cartersthorpe - - -		Duff and Booth.
16	Chatton - - - -		
17	Chirton - - - -		Representatives of H. Hope.
18	Churn - - - -		
19	Cockfield (West End) -		George Dixon.
20	Coundon (Jaw Blades) -	Darlington -	Brown, Watt, and Co.
21	Cornforth, North -	Durham -	— Anderson.
22	Craggs Scarr - - -		John Hardy.
23	Dockendale - - -		Cocken Carr.
24	Doddington - - -		
25	Elvet - - - -	Durham	J. Crawford.
26	Elsdon - - - -		
27	Eltringham - - -	Gateshead -	
28	Eshott - - - -	Acklington -	Messrs. Cowens.
29	Etal - - - -		J. Carr and Company.
30	Ford Moss - - - -		
31	Fallowfield - - -		Fallowfield Lead Co.
32	Fenwick - - - -		Sir E. Blackett, Bart.
33	Four Stones - - -		
34	Framlington - - -		John Robson and Co.
35	Gathrick - - - -		J. Carr and Co.
36	Gray Mare - - - -		—Brown.
37	Green Law Walls - -		J. Carr and Co.
38	Haltwhistle - - -	Carlisle -	Maddison and Co.
39	Hedley - - - -		W. Walker and Co.
40	Heddon - - - -	Newcastle -	J. Stephenson.
41	Ingo - - - -		
42	Kyoe - - - -		
43	Loughs - - - -		
44	Lynetrope - - -		
45	Lisker - - - -		
46	Lanchester - - -	Lanchester -	J. Graham.
47	Morpeth Banks - -	Morpeth -	Anderson and Son.
48	Micklay Bank - - -	Eltringham -	
49	Newton-on-the-Moer -		J. Robson and Co.
50	Norwood - - - -	Darlington -	
51	Netherton - - - -	Morpeth -	Trustees of Birkenshaw.
52	Paddock Myers - -	Evenwood -	William Stonehouse.
53	Park House - - -		
54	Prestwick - - - -	Newcastle -	M. Bell.
55	Prudhoe - - - -	Prudhoe -	M. Johnson.
56	Preston - - - -		Hughes and Company.
57	Rutter - - - -		H. Rutter.
58	Scremerston - - -		T. Carr and Company.
59	Shilbottle - - -		Messrs. Taylor.
60	Shores Wood - - -		T. Carr and Company.
61	South Tyne (Haltwhistle) -		London Company.
62	Townhill - - - -	Berwick -	J. Carr and Company.
63	Togston - - - -	Acklington -	G. Smith.
64	Throckley - - - -	Newcastle -	R. Stephenson.
65	Toppett - - - -		
66	Ushaw Moor - - -	Esh -	M. Holiday.
67	Whickham - - - -		Southern and Watson.
68	Widdrington - - -	Morpeth -	M. Coulson.
69	Wigglesworth - - -	Cockfield -	Summerson and Grievson.
70	Winlaton - - - -		J. Cowen.
71	Whickhope - - - -		
72	Woodlands - - - -	Cockfield -	Skinner, Bradley, and Raine.
73	Woodhouse - - - -	Do.	W. Elliott and J. Thompson.
74	Whittom Stall - - -		

No.	Name of Colliery.	Where situated.	Owner's Name.
CUMBERLAND.			
1	Bolton - - -	Wigton - -	Addison and Co.
2	Broughton Moor - -	Maryport - -	Fletcher, Ross, and Co.
3	Camerton - - -	Workington - -	Thornbury and Co.
4	Cleator Moor - - -	Whitehaven - -	Barker and Co.
5	Clifton - - -	Workington - -	I. and W. Fletcher.
6	Crossbarrow and another - -	Do. - -	Do.
7	Cross Pit - - -	Maryport - -	Wm. Mulcaster and Co.
8	Dearham - - -	Do. - -	Messrs. Walker.
9	Dovenby - - -	Do. - -	Steel and Co.
10	Ellenborough - - -	Do. - -	Harris and Son.
11	Flimby - - -	Do. - -	Wilson and Co.
12	Grey Southern - - -	Workington - -	John Harris and Son.
13	Gilcrux - - -	Maryport - -	Steel and Co.
14	Harrington - - -	Harrington - -	J. Curwen.
15	Priest Cross - - -	Wigton - -	— Drewry.
16	Reay Pit - - -	Whitehaven - -	Earl of Lonsdale.
17	Seaton - - -	Maryport - -	Messrs. Wilson and Co.
18	Do. - - -	Do. - -	Nicholson and Co.
19	Threepthwaite - - -	Whitehaven - -	Cleator Company.
20	Weary Hall - - -	Wigton - -	Addison and Co.
21	Whitehaven Collieries - -	Whitehaven - -	Earl of Lonsdale.
22	Workington - - -	Workington - -	J. Curwen.
23	Wyndham Pit - - -	Wigton - -	— Drewry.

YORKSHIRE.

1	Whitwood - - -	Leeds - -	Briggs and Son.
2	Brownmoor - - -	"	Edward Waud.
3	Manston - - -	"	Do.
4	Micklefield - - -	"	Do.
5	Osmondthope - - -	"	W. H. Wilks.
6	Owlet Hall - - -	"	Mason and Co.
7	Newmarket - - -	"	Saml. Halliday and Co.
8	Alma - - -	"	T. Robinson and Co.
9	Oakwell - - -	"	Ackroyd Brothers.
10	Morley - - -	"	Do.
11	Birkenshaw - - -	"	Do.
12	Adwalton - - -	"	George Ellison.
13	Rakes - - -	"	Do.
14	Wentworth - - -	"	Do.
15	Street Lane - - -	"	John Halliday and Co.
16	Farnley Wood - - -	"	Rogers and Sons.
17	Churwell - - -	"	C. G. Smith.
18	Victoria - - -	"	John Holmes.
19	Garforth - - -	"	— Gascoigne, and Co.
20	Birstal Field Head - -	"	Leeds Mining Co.
21	White Horse - - -	"	Messrs. Garsides.
22	West Riding - - -	"	Pope and Co.
23	Waterloo Main - - -	"	J. T. Leather.
24	Lowther and Preston Main -	"	Harding and Co.
25	Astley - - -	"	Do.
26	Castleford - - -	"	J. M. Carter and Co.
27	Gildersome - - -	"	Messrs. Haigh and Co.
28	Do. - - -	"	Ed. Ackroyd.
29	Do. - - -	"	Halliday Brothers.
30	Beeston Manor - - -	"	Harding Brothers.
31	Crown Point - - -	"	Terry and Co.

No.	Name of Colliery.	Where situated.	Owner's Name.
32	Sykes - - -	Leeds - -	Terry and Co.
33	Tong - - -	"	Do.
34	Rothwell Haigh - -	"	Messrs. Charlesworths.
35	Robin Hood - -	"	Do.
36	Cross Green - -	"	E. J. Maude, Esq.
37	Waterloo - -	"	K. Fenton, Esq.
38	Farnley - -	"	Armitage and Co.
39	Potternewton - -	"	Do.
40	Neville Hill - -	"	J. B. Faviell.
41	Colton - -	"	Do.
42	Kippax West Main - -	"	Locke and Company.
43	Stubley - -	"	Kellatt and Company.
44	Moors - -	"	Messrs. Claphams.
45	Methley - -	"	Benj. Burnley.
46	Foxholes - -	"	Do.
47	Glasshouse - -	"	Bowen and Company.
48	New Hall - -	"	Do.
49	Adwalton Moor - -	"	Bower Brothers.
50	Rock - -	"	Wilcock and Lassey.
51	Latham Lane - -	"	Messrs. Jacksons.
52	Roundhill - -	"	Do.
53	College - -	"	John Rhodes.
54	Smithies - -	"	Eastow and Company.
55	Whitelee - -	"	Do.
56	Little Green - -	"	Rhodes and Company.
57	Gomersal - -	"	Messrs. Harrisons.
58	Birkenshaw - -	"	Do.
59	Morley - -	"	Messrs. Haighs.
60	Crowtrees - -	"	Wm. Rhodes.
61	Hunslet - -	"	— Longbottom.
62	Nethertown - -	"	Gledhill and Company.
63	Robert-town - -	"	Messrs. Manns.
64	Heckmondwike - -	"	J. Baxendale.
65	Little Gomersal - -	"	Crowther and Company.
66	Gomersal - -	"	George Emmett.
67	Spring Gardens - -	"	Bray and Company.
68	Middleton - -	"	C. Brandling.
69	Middleton - -	"	Bower and Co.
70	Thorpe Hale - -	"	
71	Allerton Main - -	"	J. Bower and Co.
72	Pepper Lane - -	"	J. Longbottom.
73	Wortley - -	"	Ingham and Sons.
74	Liversedge - -	"	Liversedge Iron Company.
1	North Bierley - -	Bradford - -	Hird, Dawson, and Hardy.
2	Tong - -	"	Do.
3	Oakenshaw - -	"	Do.
4	Wike - -	"	Do.
5	Shelf - -	"	Do.
6	Scholes - -	"	Do.
7	Norwood Green - -	"	Do.
8	Bowling - -	"	Bowling Iron Company.
9	Hunsworth - -	"	Do.
10	North Bierley - -	"	Do.
11	Tong - -	"	Do.
12	Shelf - -	"	Do.
13	Thornton - -	"	Townend and Company.
14	Birkshall - -	"	Charles North.
15	Horton - -	"	Do.
16	Wibsey - -	"	Do.

No.	Name of Colliery.	Where situated.	Owner's Name.
17	Green Row - - -	Bradford -	Shaw and Company.
18	Broomhall - - -	"	Robertshaw and Company.
19	Birkby Lane - - -	"	Do.
20	Whetley - - -	"	W. Fairbank.
21	Brick Lane - - -	"	Do.
22	Keelam - - -	"	Forster and Company.
23	Thornton Road - - -	"	Taylor and Company.
24	Baildon Moor - - -	"	Midgley and Company.
25	North Wing - - -	"	John Horsfall.
26	Bowling Old Lane - - -	"	Do.
27	Bolton - - -	"	W. Woodhead.
28	Idle - - -	"	Do.
29	Rawden - - -	"	Do.
30	Calverley - - -	"	Do.
31	Bunkers Hill - - -	"	Rawson and Company.
32	Birkenshaw - - -	"	J. Speight.
33	Bradford Moor - - -	"	Pollard and Company.
34	Cottingley Moor Bottom - - -	"	J. Firth.
35	Denholme Clough - - -	"	W. Illingworth.
36	Harp Bottom - - -	"	T. Greenwood.
37	Headley - - -	"	Harrop and Company.
38	Heaton - - -	"	G. Heaton.
39	North Cliffe - - -	"	Messrs. Cockshott.
40	Shelf - - -	"	W. Washington.
41	Thornton - - -	"	Hellington and Company.
42	Tong Street - - -	"	John Hall.
1	Fieldhouse - - -	Huddersfield -	E. Brooke.
2	Fartown - - -	"	James Whitley.
3	Lane - - -	"	Do.
4	Lockwood Common - - -	"	Do.
5	Taylor Hill - - -	"	Do.
6	Park - - -	"	Do.
7	Grimescar - - -	"	Jones and Company.
8	Hollin Heys - - -	"	Do.
9	Helm - - -	"	Charles Wheatley.
10	Bradley - - -	"	Do.
11	Mirfield - - -	"	B. Barrowclough.
12	Crossley Lane - - -	"	Do.
13	Clifton - - -	"	Exors. of B. Walker.
14	Brockholes - - -	"	John Haigh.
15	Wood - - -	"	Do.
16	Sinking Wood - - -	"	Do.
17	Honley Wood - - -	"	Messrs. Haighs.
18	Woodroyd - - -	"	Do.
19	Marsh Platt - - -	"	Do.
20	Brockholes Lane - - -	"	Do.
21	Hollinghouse Lane Bottom - - -	"	Do.
22	Thurstonland - - -	"	Thurstonland Coal Company.
23	Ellin Tree - - -	"	John Alderson.
24	Foxhouse - - -	"	Mrs. Wagstaff.
25	Box Ings - - -	"	Senior and Company.
26	Upper Bradley - - -	"	John Cookson.
27	Kirkburton - - -	"	W. Rhodes.
28	Linfit - - -	"	Hey and Company.
29	Greenhouse - - -	"	C. Shutcliffe.
30	Barnside - - -	"	Mrs. Shaw.
31	Laitham Brow - - -	"	Do.
32	Denby Dale - - -	"	Thomas Haigh.
33	Gregory Spring - - -	"	Joseph Sheard.

No.	Name of Colliery.	Where situated.	Owner's Name.
34	Cowmes - - -	Huddersfield -	Joseph Sheard.
35	Rowley - - -	"	Do.
36	Law - - -	"	Uriah Tinker.
37	Farmer Lane - -	"	Do.
38	Barnside - - -	"	Do.
39	Wood - - -	"	Do.
40	Kirksties - - -	"	Ellis and Company.
41	Cumberworth - -	"	Addy and Company.
42	Do. - - -	"	C. Lobb.
43	Emley Woodhouse -	"	E. Stringer.
44	Flockton Moor - -	"	C. Stockwell.
45	Grange Moor - - -	"	T. Cutt.
46	Quebec - - -	"	Do.
1	Woolley - - -	Barnsley - -	Woolley Coal Company.
2	Mount Osborne - -	"	Day and Company.
3	Old Mill - - -	"	Do.
4	Darley Main - - -	"	Darley Main Coal Company.
5	Stafford - - -	"	Smith and Company.
6	Elsecar - - -	"	Earl Fitzwilliam.
7	Silkstone - - -	"	Messrs. Charlesworth.
8	Dodworth Parkgate -	"	Do.
9	Old Silkstone - -	"	R. C. Clarke, Esq.
10	West Silkstone - -	"	Muschamp and Company.
11	Gawber Hall - - -	"	Thorp's Executors.
12	North Gawber - -	"	Thorp and Company.
13	Victoria - - -	"	Suteliffe and Company.
14	Speedwell - - -	"	Do.
15	Moorhouse - - -	"	Fountain and Son.
16	Hoyland and Elsecar	"	— Day.
17	Bell Ing - - -	"	J. Mitchell.
18	Edmund's Main - -	"	Bartholomew and Company.
19	Winterhill - - -	"	Messrs. Norton.
20	Swallow Hill - - -	"	Pickles and Company.
21	High Royd - - -	"	Hall and Company.
22	Pilley - - -	"	Wharnccliffe Coal Company.
23	Oaks - - -	"	Firth and Company.
24	East Gawber - - -	"	Craik and Company.
25	Silkstone Fall - -	"	G. W. Craik.
26	Low Elsecar - - -	"	Taylor and Company.
27	Lundhill - - -	"	Do.
28	Brampton - - -	"	Do.
29	Wombwell Main - -	"	Baxter and Company.
30	Worsborough Park -	"	Field and Company.
31	Old Silkstone Main -	"	Do.
32	Shafton - - -	"	Proctor and Company.
33	Charlton Brook - -	"	— Roebuck.
34	Eastfield - - -	"	Smith and Company.
35	New Gawber - - -	"	Sturges and Company.
36	Honey Well - - -	"	Messrs. Thorps.
37	Thurgoland - - -	"	Firth and Company.
1	Swann Banks - - -	Halifax -	J. S. Rawson.
2	Quarry House - - -	"	Holmes and Company.
3	Shibden - - -	"	Holt and Company.
4	High Field - - -	"	Do.
5	Shugden - - -	"	Michael Stocks.
6	Crooked Lane - - -	"	Do.
7	Shaw Lane - - -	"	Do.

No.	Name of Colliery.	Where situated.	Owner's Name.
8	Windy Bank - -	Halifax -	Michael Stoks.
9	Booth Town - -	"	Do.
10	Nab End - -	"	Do.
11	Queenshead - -	"	Briggs and Sons.
12	Binns Bottom - -	"	Hebblethwaite and Company.
13	Banks - -	"	Messrs. Pitchforths.
14	Harp Bottom - -	"	Metcalf and Company.
15	Mountain End - -	"	Foster and Son.
16	Listerwick - -	"	John Lister.
17	Bradshaw - -	"	Lassey and Company.
18	Soil Hill - -	"	Do.
19	Park Bottom - -	"	Wilcock and Company.
20	Dove House - -	"	Holt and Company.
21	Bradshaw - -	"	John Mitchell.
22	Elland - -	"	Robinson and Company.
23	Stonyhall - -	"	M. Sheard.
24	Lightcliffe - -	"	J. Stokes.
25	Quarry House - -	"	Mrs. Thwaite.
26	Swann Banks - -	"	T. F. Lambert.
1	Stanley - -	Wakefield -	Hudson and Company.
2	Nostell - -	"	— Chaswinn.
3	Flockton - -	"	Sir J. L. L. Kaye, Bart.
4	Grange - -	"	Do.
5	Flockton Victoria - -	"	Do.
6	Newmarket - -	"	Messrs. Charlesworths.
7	Bottom Boat - -	"	Do.
8	Woodmoor - -	"	Do.
9	Dirtcar - -	"	Do.
10	Milnthorpe - -	"	Do.
11	Flockton - -	"	Do.
12	St. John's - -	"	Benjamin Burnley.
13	Grange Moor - -	"	Stansfeld and Company.
14	Emroyd - -	"	Do.
15	Flockton - -	"	Do.
16	Boyn Hill - -	"	Kaye and Company.
17	Westgate Manor - -	"	Woodhead and Company.
18	Wrenthorpe - -	"	Micklethwaite and Company.
19	New Victoria - -	"	Farrar and Company.
20	Roundwood - -	"	Terry and Company.
21	East Ardsley - -	"	B. Roberts.
22	West Ardsley - -	"	Do.
23	Low Laiths - -	"	Do.
24	Flushdyke - -	"	P. Marsden.
25	Crigglestone - -	"	Miss Broughton.
26	Balne Lane - -	"	Hattersley and Company.
27	Osset Common - -	"	John Mitchell.
28	Field Lane - -	"	Joshua Greaves.
29	Gawthorpe - -	"	Do.
30	Spring End - -	"	Foster and Company.
31	Flockton Moor - -	"	Messrs. Jaggars.
32	Emley Moor - -	"	Do.
33	Bretton - -	"	Do.
34	Providence - -	"	J. Marsland.
35	West Riding - -	"	Pope and Pearson.
1	Parkgate - -	Rotherham -	Earl Fitzwilliam.
2	Swallow Wood - -	"	Do.
3	Rawmarsh - -	"	Messrs. Charlesworths.
4	Warren Vale - -	"	Do.

No.	Name of Colliery.	Where situated.	Owner's Name.
5	Swinton Park Gate -	Rotherham -	Messrs. Charlesworths.
6	Greasbro' Old Park Gate -	"	Sellers and Company.
7	Olive Branch -	"	White and Company.
8	Carhouse -	"	Rhodes and Company.
9	Pigeon Bridge -	"	Thomas Shaw.
10	Dropping Well -	"	Messrs. Barber.
11	Kimberworth -	"	G. Jarvis.
12	Rawmarsh -	"	Barber and Son.
13	Do. -	"	J. Knaption.
14	Thorp Common -	"	G. Shaw.
15	Thrybergh -	"	Ommaney and Company.
16	West Melton -	"	J. Law.
17	Aston -	"	France and Sons.
1	High Green -	Sheffield -	George Chambers.
2	Sheffield -	"	Hounsfeld and Company.
3	Manor -	"	Do.
4	Castle -	"	Do.
5	Carbrook -	"	Do.
6	Thorncliffe -	"	Newton and Company.
7	Chapeltown -	"	Do.
8	Woodthorpe -	"	John Rhodes.
9	Tinsley Park -	"	B. Huntsman.
10	Dore House -	"	Richard Sorby.
11	Orgreave -	"	Do.
12	Pitsmoor -	"	Unwin and Company
13	Brightside -	"	Do.
14	Grange -	"	George Chambers.
15	Butterthwaite -	"	Do.
16	Woodhouse Mill -	"	Habershon and Company.
17	Attercliffe -	"	Smith and Company.
18	Deep Car -	"	Haigh and Company.
19	Dungworth -	"	Do.
20	Ecclesall -	"	E. Ramsden.
21	Do. -	"	W. Butterill.
22	Do. -	"	G. Sykes.
23	Woodhouse Junction -	"	J. Rhodes.
24	Fence -	"	Beet and Company.
25	Intake -	"	W. Newbould.
26	Upper Hallam -	"	M. Ridall.
27	Ballfield -	"	France and Sons.
1	Thornhill -	Dewsbury -	J. Ingham.
2	Dewsbury Moor -	"	Wroe and Company.
3	Heckmondwike -	"	Do.
4	Briestfield -	"	Messrs. Haighs.
5	Howley Park -	"	Howley Park Coal Company.
6	Staincliffe -	"	Kaye and Sons.
7	George Street -	"	Messrs. Haighs.
8	Dewsbury Moor -	"	Do.
9	Gawthorpe -	"	Do.
10	Headland -	"	Messrs. Marriotts.
11	Syke Ing -	"	Syke Ing Mill Company.
12	Ridings -	"	T. S. Brooke.
13	Kilnercroft -	"	Do.
14	Soothill -	"	Do.
15	Batley -	"	Critchley and Company.
16	Birstal -	"	Do.
17	Clough -	"	N. Cardwell.

No.	Name of Colliery.	Where situated.	Owner's Name.
18	Cromwell -	Dewsbury -	J. Ingham.
19	Hartshead Moor Bottom -	"	G. Beanland.
20	Do. - -	"	Clegg and Company.
21	Hostingley - -	"	J. Ingham.
22	Ings - -	"	Do.
23	Lane Dyehouse - -	"	J. Whitley
24	Ledgard - -	"	Stancilffe and Company.
25	Whitley - -	"	L. Kitson.
26	Chickenley Heath -	"	I. H. Greaves.
1	Bullhouse - -	Penistone -	Messrs. Hinchliffe.
2	Crow Edge - -	"	Do.
3	Eastfield - -	"	Do.
4	Middlecliffe - -	"	Messrs. Tinkers.
1	Newton - -	Pontefract -	Briggs and Son.
2	Allerton - -	"	Bower and Sons.
3	Allerton Bywater - -	"	Carter and Company.
4	Purston - -	"	G. Hepworth.
1	Wilsden - -	Bingley - -	J. Baxendale.
2	Stream Head - -	"	Do.
3	Allerton - -	"	Do.
4	Denholme - -	"	Horsfall and Company.
1	Ingleton - -	Settle - -	S. J. Serjeantson.

DERBYSHIRE.

1	Apperknowle - -	Chesterfield -	G. Wright.
2	Ashgate - -	"	Jon ^d Bennett.
3	Barlborough - -	"	R. and J. Swallow.
4	Barlborough - -	"	M. Barber.
5	Do. Lane - -	"	J. H. Gosling.
6	Do. Park - -	"	Wells Brothers.
7	Beauchieffe - -	Chesterfield -	H. Hunt.
8	Birch Hill - -	"	O. Pierce.
9	Bird Holme - -	"	Wingermouth Iron Company.
10	Birley Vale - -	"	Sheffield Coal Company.
11	Boythorpe - -	"	Wright and Oldfield.
12	Do. Lane - -	"	Hoskin and Company.
13	Brambly Moor - -	"	Wells and Company.
14	Brimington - -	"	J. Knowles.
15	Do. - -	"	W. Ripley.
16	Coal Aston - -	"	James Rhodes.
17	Cottam, Old - -	"	Appleby and Company.
18	Do. New - -	"	Do.
19	Corbriggs - -	"	Barnes and Company.
20	Dronfield - -	"	Messrs. Lucas and Sons.
21	Dronfield Woodhouse -	"	Cartledge and Brayshaw.
22	Dunstone - -	"	M. Knowles.
23	Do. - -	"	W. Orwin.
24	Do. - -	"	S. Lankester.
25	Duckmanton - -	"	M. Arkwright.
26	Eckington - -	"	Wells and Company.
27	Lockerford - -	"	R. Stephenson.
28	Masbro' Moor - -	"	R. and J. Swallow.
29	Do. - -	"	Wells and Company.
30	Do. - -	"	L. Worrall.

No.	Name of Colliery.	Where situated.	Owner's Name.
31	Mickley - - -	Chesterfield -	Messrs. Pearson.
32	Moore Hole - - -	"	Wells and Company.
33	Newbold - - -	"	Clayton and Knowles.
34	Do. - - -	"	Messrs. Nadin and Pearson.
35	Do. - - -	"	Messrs. Beal and Co.
36	Do. - - -	"	M. Knowles.
37	Do. - - -	"	W. Orwin.
38	Do. - - -	"	E. Taylor.
39	North Wingfield - -	"	Clay Cross Company.
40	Do. - - -	"	Do.
41	Old Cotes - - -	"	G. and C. Goodwin.
42	Oxcroft - - -	"	Leadbetter and Company.
1	Barns - - -	Dronfield -	Spurr and Company.
2	Britannia - - -	"	Johnson and Lucas.
3	Brickwell Lane - -	"	C. Mitchell.
4	Bull Close - - -	"	Ann. Wright.
5	Clay Cross - - -	"	Clay Cross Company.
6	Do. - - -	"	G. Elliott.
7	Do. - - -	"	— Holdsworth.
8	Do. - - -	"	— Hawley.
9	Do. - - -	"	George Parker.
10	Combermere - - -	"	Jonathan Battey.
11	Falls Wood - - -	"	Messrs. Badger.
12	Frith Wood - - -	"	W. Booker and Company.
13	Gas House - - -	"	Goodwin and Barker.
14	Grassmoor - - -	"	Barnes and Company.
15	Do. - - -	"	Robert Knowles.
16	Hasland - - -	"	Knowles and Company.
17	Hallows - - -	"	M. Badger.
18	Highfield - - -	"	R. Wright.
19	Hollingwood - - -	"	R. Barrow.
20	Holmwood Heath - -	"	Joshua Townley.
21	Hopewell - - -	"	R. Barrow.
22	Inkerman - - -	"	Goodwin and Swallow.
23	Killamarsh - - -	"	T. Ward.
24	Do. - - -	"	Webster and Batley.
25	Lady Hill - - -	"	Henson and Company.
26	Oxclose - - -	"	Knight and Company.
27	Plumley Lane - -	"	Joseph Bishop.
28	Renishaw - - -	"	Appleby and Company.
29	Silkstone Main - -	"	R. and J. Swallow.
30	Snape Hill - - -	"	Messrs. S. Lucas and Sons.
31	Speedwell - - -	"	R. Barrow.
32	Spike Hill - - -	"	Yates and Company.
33	Spink Hill - - -	"	Appleby and Company.
34	Spite Hill - - -	"	Wingermouth Iron Company.
35	Springfield - - -	"	R. Barrow.
36	Springwell - - -	"	Do.
37	Starfree - - -	"	R. Wright.
38	Stratfield - - -	"	L. Worrall.
39	Sutton - - -	"	Robert Arkwright.
40	Stubley - - -	"	Messrs. S. Lucas and Sons.
41	Do. - - -	"	Johnson and Lucas.
42	Do. - - -	"	W. Booker and Company.
43	Tafton - - -	"	John Clayton.
44	Troway - - -	"	J. Jepson.
45	Tupton - - -	"	Wingermouth Iron Company.
46	Do. - - -	"	Do.

No.	Name of Colliery.	Where situated.	Owner's Name.
47	Unstone - - -	Dronfield -	H. Rangely.
48	Victoria - - -	"	R. Barrow.
49	Wallsend - - -	"	Abbot and Baker.
50	Warlton - - -	"	George Hoskins.
51	Do. - - -	"	Dawson and Company.
52	Do. - - -	"	Oldfield and Company.
53	Do. - - -	"	J. Oldfield.
54	Do. - - -	"	G. Elliott.
55	Do. - - -	"	Appleby and Company.
56	West Staveley - -	"	Harrison and Company.
57	White Bank - -	"	Wingermouth Iron Company.
58	Wittington - - -	"	—Wilkinson.
59	Do. - - -	"	Syddal and Cartledge.
60	Do. - - -	"	C. Wharton.
61	Willington - - -	"	F. Pierce.
62	William Thorpe - -	"	Wingermouth Iron Company.
63	Woodhouse Lane - -	"	J. H. Gosling.
1	Brands - - -	Alfreton -	Butterley Company.
2	Butterley Park - -	"	Do.
3	Carnfield - - -	"	Coke and Company.
4	Coates Park - - -	"	C. Seeley and Company.
5	Do. - - -	"	J. Oakes and Company.
6	Codner Park - - -	"	Butterley Company.
7	Greenhill - - -	"	J. Oakes and Company.
8	Hartshay - - -	"	Butterley Company.
9	Langley - - -	"	Do.
10	Langley Mill - - -	"	Grammar Trustees.
11	Loseve - - -	"	Butterley Company.
12	Lower Birchwood - -	"	Milnes and Eggleshaw.
13	Mill Hay - - -	"	M'Alum and Allen.
14	Newlands - - -	"	Butterley Company.
15	New Main - - -	"	Do.
16	Normanton, North -	"	W. Marriott.
17	Do. South - - -	"	—Wilkinson.
18	Oakerthorpe - - -	"	Messrs. Streley.
19	Ormonde - - -	"	Butterley Company.
20	Pinxton or Palmerston -	"	Coke and Co.
21	Pyebridge - - -	"	James Oakes and Co.
22	Riddings - - -	"	Do.
23	Ripley - - -	"	Butterley Company.
24	Sleights - - -	"	Coke and Co.
25	Swanwick - - -	"	W. P. Morewood.
26	Tibshelf - - -	"	M. Chambers.
27	Do. - - -	"	M. Millward.
28	Upper Birchwood - -	"	Butterley Company.
29	Wingfield - - -	"	Hopkinson and Company.
1	Buckland Hollow - -	Ripley -	—Wheatcroft.
2	Denby - - -	"	W. D. Lowe.
3	Hallam - - -	"	F. Newdigate.
4	Hartshay - - -	"	C. V. Hunter.
5	Kilburn - - -	"	J. Ray.
6	Marshay - - -	"	Messrs. Coursham.
7	Morley Park - - -	"	Messrs. Mold.
8	Do. - - -	"	Do.
9	Pentrich - - -	"	Messrs. Haslam.
10	Smalley - - -	"	M. Barber.

No.	Name of Colliery.	Where situated.	Owner's Name.
1	Ashgate - - -	Glossop - -	J. Bennett and Co.
2	Do. - - -	"	J. Drabble.
3	Brundidge - - -	"	L. and E. Hall.
4	Furness and Bagsworth - - -	"	J. Stott and Co.
5	Ludworth - - -	"	J. Jowitt.
6	Ollersett - - -	"	Messrs. Brocklehurst.
7	Thornsett - - -	"	J. Jowitt.
8	Thornsett Brow - - -	"	J. Bradbury.
9	Whaley - - -	"	Exors. of Thos. Gisborne.
1	Cotmanhay - - -	Ilkeston - -	Barber, Walker, and Co.
2	Benunley - - -	"	
3	Langley - - -	"	Grammar's Trustees.
4	Rutland - - -	"	I. and R. Potter.
5	Shipley - - -	"	E. M. Mundy.
6	Stoneyford - - -	"	M. Royston.
7	Stanton - - -	"	North and Co.
8	West Hallam - - -	"	—Whitehouse.
1	Bretley - - -	Burton-on-Trent -	Lord Chesterfield.
2	Church Gresley - - -	"	Marquis of Hastings.
3	Grenville - - -	"	Trustees of Court Grenville.
4	Gresley Wood - - -	"	Robinson and Torman.
5	Marquis of Anglesey - - -	"	Bond and Company.
6	New Hall Field - - -	"	Robinson and Torman.
7	Stanton - - -	"	Messrs. Nadin.
8	Swadlincote - - -	"	Hall and Boardman.
9	Woodfield - - -	"	Messrs. Nadin.
10	Loscoe - - -	Belper - - -	E. F. Whittingstall.

NOTTINGHAMSHIRE.

1	Babbington - - -	Nottingham - -	Thomas North.
2	Bobbers Mill - - -	"	Do.
3	Cinder Hill - - -	"	Do.
4	Gilt Brook - - -	"	— Shipley, junior.
5	Hill Top - - -	"	Richardson and Co.
6	Radford - - -	"	Lord Middleton.
7	Trowell - - -	"	Do.
8	Watnall - - -	"	J. Morley.
9	Beau Vale - - -	East Wood - -	Barber, Walker, and Co.
10	Beggar Lea - - -	"	Do.
11	Brimsley - - -	"	Do.
12	East Wood - - -	"	Do.
13	Underwood - - -	"	Do.
14	Watnall - - -	"	Do.
15	Hucknell - - -	Mansfield - -	Messrs. Millers.
16	Skegby - - -	"	J. Dodsley.
17	Langton - - -	Alfreton - -	Butterley Company.
18	Mixbro' - - -	"	Do.
19	Plumtree - - -	"	Do.
20	Portland - - -	"	Do.

WARWICKSHIRE.

1	Baddesley - - -	Atherstone - -	W. S. Dugdale.
2	Bedworth Charity - - -	Coventry - -	Williams and Co.
3	Collicroft - - -	Bedworth - -	W. Wilson.
4	Craven - - -	Coventry - -	W. and J. Harris.

No.	Name of Colliery.	Where situated.	Owner's Name.
5	Exhall - - -	Coventry - -	Gibbs and Co.
6	Glascote - - -	Tamworth - -	C. N. Newdigate, M.P.
7	Griff - - -	Nuneaton - -	Nowell and Co.
8	Haunch Wood - - -	" - -	G. Whieldon.
9	Hawkesbury - - -	Bedworth - -	M. Dumolo.
10	Kettlebrook - - -	" - -	J. Oakover.
11	Oakover - - -	Nuneaton - -	Hanbury, Shaw, and Co.
12	Polesworth - - -	Coventry - -	Messrs. Thomas.
13	Pooley - - -	Do. - -	Do.
14	Thomas' - - -	Do. - -	Troughton and Co.
15	Victoria - - -	Coventry - -	Perrins and Harrison.
16	Wilnecote - - -	" - -	Wykin Coal Company.
17	Wykin - - -	" - -	

LEICESTERSHIRE.

1	Bagworth - - -	Leicester - -	Lord Maynard.
2	Coleorton - - -	Ashby-de-la-Zouch	Walker and Co.
3	Heath End - - -	" - -	W. Matthews.
4	Ibstock - - -	" - -	E. M. Green.
5	Lount - - -	" - -	Walker and Co.
6	Moirs - - -	" - -	Marquis of Hastings.
7	Pegg's Green - - -	" - -	Bostock and Co.
8	Smaile - - -	" - -	Walker and Co.
9	Snibston - - -	" - -	R. Stephenson and Co.
10	Swannington - - -	" - -	W. Worswick.
11	Whitwick - - -	" - -	Stenson and Co.

NORTH STAFFORDSHIRE.

1	Above Park - - -	Cheadle - - -	Alex. Bowers.
2	Bank Top - - -	" - -	Binns and Company.
3	Blakehall - - -	" - -	Thos. Holmes.
4	Boundary - - -	" - -	— Whitehurst.
5	Cheadle - - -	" - -	Plant and Company.
6	Claypits - - -	" - -	Wm. Bowers.
7	Delph House - - -	" - -	Thos. Holmes.
8	Dilhorne - - -	" - -	Dilhorne Colliery Company.
9	Draycott Cross - - -	" - -	Jno. Keys.
10	Harklow - - -	" - -	" Fowell.
11	Hazel Cross - - -	" - -	" Godwin.
12	Ipstones - - -	" - -	Plant and Company.
13	Lady's Well - - -	" - -	Wm. Bowers, jun.
14	Madgedale - - -	" - -	Jno. James.
15	Mobberley - - -	" - -	Malkin and Company.
16	Woodhead - - -	" - -	Wm. Bowers, jun.
1	Adderley Green - - -	Longton - - -	Stirrup and Pye.
2	Bentilee - - -	" - -	Hawley and Company.
3	Berry Hill - - -	" - -	Copeland and Company.
4	Broad's Field - - -	" - -	Copeland and Company.
5	Brownfield - - -	" - -	Harp and Wain.
6	Cinder Hill - - -	" - -	T. H. Stirrup.
7	East Vale - - -	" - -	Forrister and Company.
8	Fenton Park - - -	" - -	W. Lawton and Company.
9	Foley - - -	" - -	W. H. Sparrow.
10	Glover's Farm - - -	" - -	Hawley and Company.
11	Golden Hill - - -	" - -	Mitcheson and Company.
12	Hall Hill - - -	" - -	John Forrister.

No.	Name of Colliery.	Where situated.	Owner's Name.
13	Holly Bush - - -	Longton - -	Wm. Bowers.
14	Hulme Bank - - -	"	Stirrup and Pye.
15	Millfield Gate - - -	"	W. H. Sparrow.
16	Moss Fields - - -	"	Hawley and Company.
17	Old Field - - -	"	W. H. Sparrow.
18	Old Moss Field - - -	"	Jno. Ashwell.
19	Poole Dole - - -	"	Wm. Hulse.
20	Railway - - -	"	R. Handley.
21	The Lawn - - -	"	Hawley and Company.
22	Ubberley - - -	"	J. Knight.
23	Willfield - - -	"	Plant and Williams.
1	Abbey - - -	Hanley - -	Luke, Lawton and Company.
2	Bells Mill - - -	"	Earl Granville.
3	Brook House - - -	"	Smith and Forrister.
4	Bucknall - - -	"	Robert Forrister.
5	Eaves - - -	"	" Mayer.
6	Far Green - - -	"	Earl Granville.
7	Foxley - - -	"	Do.
8	Hall Fields - - -	"	J. C. Smith.
9	Joiner's Square - - -	"	Earl Granville.
10	Ivy House - - -	"	Jennings and Company.
11	Lady Well - - -	"	Earl Granville.
12	Ubberley - - -	"	Jno. Ridgway.
13	Waterloo - - -	"	Livesley and Company.
1	Chell - - -	Burslem - -	H. H. Williamson.
2	Cobridge - - -	"	Cobridge Colliery Company.
3	Do. - - -	"	Thomas Brindley.
4	Ford Green - - -	"	Charles Hales.
5	Gallimores - - -	"	G. Wigley.
6	High Lane - - -	"	Goodall and Company.
7	Hamill - - -	"	N. P. Wood.
8	Jackfield - - -	"	Ralph Clews.
9	Norton - - -	"	Adderley and Dean.
10	Norton Park - - -	"	Charles Hales.
11	Pinnox - - -	"	H. H. Williamson.
12	Sandbach - - -	"	Lancaster and Company.
13	Silvester Square - - -	"	James Mann.
14	Sneyd Farm - - -	"	C. B. May and Company.
15	Sneyd Green - - -	"	F. Stannier.
16	Stamfields - - -	"	Cork and Ford.
17	The Bykers - - -	"	N. P. Wood.
18	Whitfield - - -	"	Booth and Company.
1	Church - - -	Tunstall - -	Booth and Hawthorn.
2	Clanway - - -	"	Child and Clive.
3	Furlong - - -	"	Josh. Heath.
4	Golden Hill - - -	"	Williamson Brothers.
5	Green Fields - - -	"	Wm. Adams.
6	Green Gates - - -	"	Meir and Heath.
7	Hoston Mill - - -	"	H. H. Williamson.
8	Lowlands - - -	"	Williamson Brothers.
9	Newfield - - -	"	Do.
10	New Oxford - - -	"	H. H. Williamson.
11	Oxford - - -	"	R. Beswick.
12	Tern Hurst - - -	"	Challinor and Bowers.
13	The Mill - - -	"	H. H. Williamson.
14	Tunstall Hill - - -	"	C. Netherwood.
15	Yeld Hill - - -	"	Williamson Brothers.

No.	Name of Colliery.	Where situated.	Owner's Name.
1	Bradley Green - - -	Biddulph - -	Bradbury.
2	Do. - - -	"	Whaley and Company.
3	Childerplay - - -	"	J. Bateman.
4	Do. - - -	"	
5	Harriseahead - - -	"	Saml. Taylor and Company.
6	Oxhay - - -	"	Stannier and Heath.
7	Ranscliff - - -	"	T. Kinnersley.
8	Stonetrough - - -	"	Williamson Brothers.
9	Trubshaw - - -	"	Sutton and Company.
10	Do. - - -	"	T. Kinnersley.
11	Tonge - - -	"	Gosling and Company.
1	Apedale - - -	Newcastle- under-Lyne. }	J. E. Heathcote.
2	Ashenhough - - -	"	Emberton and Company.
3	Bignall End - - -	"	N. P. Wood.
4	Bignall Hill - - -	"	Do.
5	California - - -	"	T. Kinnersley.
6	Chesterton - - -	"	Chesterton Colliery Company.
7	Clough Hall - - -	"	T. Kinnersley.
8	Greenfield - - -	"	Charles Rugg.
9	Gutter Colliery - - -	"	Sir T. F. F. Boughey.
10	Hollins - - -	"	J. E. Heathcote.
11	Hollinwood - - -	"	Do.
12	Kidsgrove - - -	"	T. Kinnersley.
13	Knutton - - -	"	Wm. Gordon.
14	Do. - - -	"	Jos. Heath.
15	Linley - - -	"	Thos. Fermstone.
16	Lycett - - -	"	Lycett and Rigby.
17	Mitchell's Wood - - -	"	C. Rugg.
18	New Road - - -	"	Daniel and Company.
19	Podmore Hall - - -	"	Lycett and Rigby.
20	Do. - - -	"	J. E. Heathcote.
21	Do. - - -	"	Do.
22	Silverdale - - -	"	F. Stannier and Company.
23	Talk Lanes - - -	"	Chas. Rugg.
24	Talk o' the Hill - - -	"	Henry Sherratt and Company
25	The Nabs - - -	"	F. Stannier and Company.
26	White Barn - - -	"	W. Lawton and Company.
27	Woodshuts - - -	"	J. E. Heathcote.

SOUTH STAFFORDSHIRE.

1	Brereton - - -	Rugeley - -	Lord Talbot.
2	Hammerwich - - -	"	J. R. McLean and Company.
3	The Hayes - - -	"	Lord Talbot.
1	Brownsfield - - -	Wyrley - -	Bernard Gilpin.
2	Cathedral - - -	"	W. Harrison.
3	Cheslyn Hay - - -	"	F. H. Gilpin.
4	Longhouse - - -	"	Josh. Palmer.
5	New Brownhills - - -	"	Wm. Hanbury.
6	New Wyrley - - -	"	Bernard Gilpin.
7	Old Brownhills - - -	"	Wm. Harrison.
8	Old Coppice - - -	"	Edwd. Sayers.
9	Old Falls - - -	"	Do.
10	Rugeley School - - -	"	Bernard Gilpin.
11	Queensfield - - -	"	F. H. Gilpin.

No.	Name of Colliery.	Where situated.	Owner's Name.
1	Bentley - - -	Walsall - -	Birch and Sons
2	Bentley Hay - - -	"	D. S. Moore.
3	Bentley Park - - -	"	Jno. Bagnall and Sons.
4	Birchills - - -	"	Jno. Hartland
5	Do. - - -	"	Geo. Jones.
6	Do. Old - - -	"	Williams Brothers.
7	Bloxwich - - -	"	L. and T. Turley.
8	Essington Snead - - -	"	Wm. Pedley.
9	Green Lane - - -	"	J. and J. Baker.
10	Do. - - -	"	T. and C. Highway.
11	Green Rock - - -	"	Josh. Smith.
12	Harden - - -	"	Geo. Jones.
13	Hatherton - - -	"	T. and C. Highway.
14	Leamore - - -	"	Timothy Smith.
15	New Field - - -	"	J. and J. Baker.
16	Park Brook - - -	"	John Bagnall and Sons.
17	Pelsall - - -	"	Bloomer and Sons.
18	Pelsall Common - - -	"	W. F. Fryer.
19	Reed's Wood - - -	"	Jno. Hartland.
20	Ryder's Hays - - -	"	J. R. McLean and Company.
21	Snead Lane - - -	"	J. E. Bealey.
22	Do. - - -	"	Jas. Smallman.
23	Do. - - -	"	Jno. Baugh.
24	The Charity - - -	"	Williams Brothers.
25	The Manor - - -	"	Richard Thomas.
26	Wall End - - -	"	Edwd. Milner.
27	Wood Farm - - -	"	Thornercroft and Company.
1	Darlaston Green - - -	Darlaston -	Sam. Mills.
2	Do. - - -	"	New British Iron Company.
3	Do. - - -	"	R. Gibbons.
4	Do. - - -	"	Hickman and Company.
5	James Bridge - - -	"	Benjn. Yates.
6	Do. - - -	"	J. Bagnall and Sons.
7	Herbert's Park - - -	"	David Jones.
8	Moxley - - -	"	Blackwell and Company.
9	Rough Hay - - -	"	Addenbrooke and Company.
1	Bankfield - - -	Bilston	Groucott and Sons.
2	Barber's Field - - -	"	Thos. Banks and Son.
3	Bateman's Hill - - -	"	Williams Brothers.
4	Bilston New - - -	"	Blackwell and Company.
5	Bovereux - - -	"	W. Baldwin and Company.
6	Bradley - - -	"	D. Rose and Company.
7	Do. - - -	"	Scott and Foley.
8	Bradley Lodge - - -	"	W. Baldwin and Company.
9	Bradley - - -	"	Wilkinson and Company.
10	Do. - - -	"	Foster, Jones and Barker.
11	Do. - - -	"	B. Gibbons.
12	Broadwaters - - -	"	J. Bagnall and Sons.
13	Bunker's Hill - - -	"	Firmstone and Company.
14	Do. - - -	"	B. Bickley.
15	Do. - - -	"	G. Marson.
16	Do. - - -	"	Foster, Jones and Barker.
17	Capponfield - - -	"	Jno. Bagnall and Sons.
18	Cold Lanes - - -	"	M. Frost.
19	Coseley - - -	"	Groucott and Sons.
20	Dockinend - - -	"	B. Adderley.
21	Ettingshall - - -	"	W. Banks.

No.	Name of Colliery.	Where situated.	Owner's Name.
22	Ettingshall - - -	Bilston - -	B. Chavasse.
23	Do. - - -	"	W. Smith.
24	Fullwood - - -	"	J. and T. Furley.
25	Gibbett Lane - - -	"	Wm. Fellows.
26	Greaves - - -	"	T. and J. Badger.
27	Hall Park - - -	"	Wm. Riley.
28	Mabb's Bank - - -	"	Williams Brothers.
29	Meadows - - -	"	Do.
30	Middlefield - - -	"	Wm. Shale.
31	Millfield - - -	"	W. Riley.
32	Moorcroft - - -	"	Fletcher, Rose and Co.
33	Mount Pleasant - - -	"	J. Hickman.
34	Moseley Hole - - -	"	W. H. Sparrow and Company.
35	Do. - - -	"	Thompson and Company.
36	Moxley - - -	"	Josh. Banks.
37	Do. - - -	"	H. Pitt.
38	Do. - - -	"	Cresswell and Sons.
39	Do. - - -	"	Thos. Bullock.
40	New Road - - -	"	A. Jones.
41	Do. - - -	"	— Wright.
42	Patchcroft - - -	"	White and Lister.
43	Priestfield - - -	"	Henry Ward.
44	Do. - - -	"	J. Loxdale.
45	Do. - - -	"	W. Greensill.
46	Priorsfield - - -	"	H. B. Whitehouse.
47	Quarry - - -	"	W. H. Sparrow and Company.
48	Do. - - -	"	Geo. Jones.
49	Rookery - - -	"	Do.
50	Shift End - - -	"	W. Fellows.
51	Stonefield - - -	"	Ed. Woolley.
52	Do. - - -	"	J. W. Vernon.
53	Toll Gate - - -	"	B. Gibbons.
54	Union Street - - -	"	Job Hickman.
55	Wall Butts - - -	"	Blackwell and Company.
56	Do. - - -	"	W. Baldwin and Company.
57	Willenhall Road - - -	"	R. Morgan.
1	Botany Bay - - -	Willenhall - - -	Thos. Hall.
2	Bull Pleck - - -	"	Davis and Son.
3	Bunker's Hill - - -	"	Banker's Hill Company.
4	Crescent - - -	"	Thorneycroft and Company.
5	Do. - - -	"	New-British Iron Company.
6	Do. - - -	"	Addenbrook and Company.
7	Lane Head - - -	"	W. Mannix.
8	Little London - - -	"	Bate and Son.
9	Do. - - -	"	F. Baker.
10	Moseley Hole - - -	"	Foster, Jones and Barker.
11	Do. - - -	"	Thos. Vernon.
12	Neachells - - -	"	Davis and Sons.
13	Do. - - -	"	H. B. Whitehouse.
14	New Invention - - -	"	Jno. Brewer.
15	Noose Lane - - -	"	Bate and Son.
16	Porto Bello - - -	"	H. Ward.
17	Rose Hill - - -	"	Thos. Rose and Company.
18	Sand Beds - - -	"	Solly, Fletcher and Co.
19	Somerford - - -	"	Dinmack and Thompson.
20	Trentham - - -	"	Bate and Son.

No.	Name of Colliery.	Where situated.	Owner's Name.
1	Buggins Lane - - -	Wolverhampton -	P. Williams.
2	Do. - - -	"	W. F. Fryer.
3	Do. - - -	"	T. M. Ashdown.
4	Do. - - -	"	Whitehouse and Poole.
5	Bull Holes - - -	"	W. Greensill.
6	Chillington - - -	"	Foster, Jones and Barker.
7	Do. - - -	"	George Jones.
8	Cockshutts - - -	"	Parkfield Company.
9	Ettingshall (Blakenhall) -	"	W. Greensill.
10	Fighting Cocks - - -	"	John Southern.
11	Frost's Field - - -	"	M. Frost and Company.
12	Gibbett Lane - - -	"	Williams and Company.
13	Do. - - -	"	Fellows and Winspar.
14	Lock House - - -	"	Aston and Company.
15	Do. - - -	"	Richard Evans.
16	Monmore Green - - -	"	Cadman and Dodd.
17	Do. - - -	"	Dimmack and Company.
18	Osier Bed - - -	"	W. H. Sparrow and Company.
19	Parkfield - - -	"	Parkfield Company.
20	Peascroft - - -	"	W. H. Sparrow and Company.
21	Rough Hills - - -	"	Whitehouse and Poole.
22	Stow Heath - - -	"	W. H. Sparrow and Company.
23	Wednesfield Heath - - -	"	New British Iron Company.
24	Wolverhampton - - -	"	Whitehouse and Poole.
1	Cow Lane - - -	Sedgeley - - -	J. H. Pemberton.
2	Coopers Bank - - -	"	Oakes and Company.
3	Do. - - -	"	Smith and Taylor.
4	Do. - - -	"	William Perry.
5	Coseley Moor - - -	"	Lord Ward.
6	Priory Field - - -	"	Groucott and Sons.
7	Do. - - -	"	Wade and Hampton.
8	Do. - - -	"	Foster and Baker.
9	Do. - - -	"	B. Gibbons.
10	Do. - - -	"	H. B. Whitehouse.
11	Riddings - - -	"	J. H. Pemberton.
12	Sedgeley Park - - -	"	J. Jones.
13	Spring Vale - - -	"	G. Jones.
14	Do. - - -	"	Bagnall and Sons.
15	Do. - - -	"	Bagnall and Dimmacks.
16	Do. - - -	"	W. T. Smith.
17	Woodsetton - - -	"	Thomas King.
1	Ash Leasows - - -	Tipton - - -	Williams and Whitehouse.
2	Coneygre - - -	"	Lord Ward.
3	Denbigh Hall - - -	"	Haines and Sons.
4	Denbigh Hall - - -	"	J. and E. Nocks.
5	Doe Bank - - -	"	Haines and Underhill.
6	Dudley Port - - -	"	Dixon and Burne.
7	Do. - - -	"	Hopkins and Bradley.
8	Do. - - -	"	F. Giles.
9	Factory - - -	"	Welsh and Barrows.
10	Fox Yards - - -	"	Creswell and Sons.
11	High Leasow - - -	"	John Millard.
12	Do. - - -	"	Parsons and Hartland.
13	Horsley - - -	"	Dixon and Company.
14	Hurst - - -	"	Samuel Rowley.
15	Moat - - -	"	Moat Colliery Company.
16	Monway - - -	"	J. Bailey.

No.	Name of Colliery.	Where situated.	Owner's Name.
17	Moors - - - -	Tipton - -	Williams and Wright.
18	Park Lane - - - -	"	W. Hopkins.
19	Do. - - - -	"	Morris and Sons.
20	Tipton Green - - - -	"	C. Roberts and Company.
21	Wednesbury Oak - - - -	"	P. Williams and Company.
22	Willingsworth - - - -	"	Haines and Sons.
23	Do. - - - -	"	J. Bailey.
1	Brades - - - -	Rowley Regis -	S. and H. Hunt.
2	Burnt Trees - - - -	"	Joseph Ashton.
3	Gorst Hill - - - -	"	Wm. Mills.
4	Grace Mary - - - -	"	John Percy.
5	Hall Bridge - - - -	"	G. Turner.
6	Hange - - - -	"	D. and G. Round.
7	Portway Hall - - - -	"	Darby and Dawes.
8	Rattle Chain - - - -	"	John and Henry Haines.
9	Sutherland - - - -	"	Hopkins and Bradley.
10	Tivdale Hall - - - -	"	Do.
11	Tivdale, New - - - -	"	Bagnall and Jesson.
12	Tivdale - - - -	"	Lord Ward.
13	Do. - - - -	"	Caddick and Mason.
14	Tunnell - - - -	"	Bennitt and Whitehouse.
1	Albion - - - -	Oldbury - -	Walter Williams.
2	Ball - - - -	"	W. Bennett.
3	Big Meadow - - - -	"	Do.
4	Birchey Lane - - - -	"	Parrish and Lewis.
5	Birchey Fields - - - -	"	Darbey and Jones.
6	Bircheyfield Lane - - - -	"	Gregory and Company.
7	Brades - - - -	"	T. and S. Hunt.
8	Broadwell - - - -	"	John Williams.
9	Bromford Lane - - - -	"	Johnson and Mason.
10	Bull Farm - - - -	"	Haines and Spittle.
11	Do. - - - -	"	W. Dawes.
12	Causeway Green - - - -	"	Josh. Hackett.
13	Churchbridge - - - -	"	W. Hancock.
14	Cutler's End - - - -	"	Bennitt and Williams.
15	Flash - - - -	"	W. Bennitt.
16	Langley Green - - - -	"	Johnson and Company.
17	Long Meadow - - - -	"	
18	Newberry Lane - - - -	"	Bennitt and Taylor.
19	Do. - - - -	"	Haines and Spittle.
20	Do. - - - -	"	Taylor and Farley.
21	Oldbury - - - -	"	Josh. Hackett.
22	Parkhouse Lane - - - -	"	John Williams.
23	Do. - - - -	"	Collins and Company.
24	Rounds Green - - - -	"	Bate and Robins.
25	Do. - - - -	"	Bennett, Dawes and Taylor.
26	Do. - - - -	"	W. Bennitt.
27	Rowhay - - - -	"	R. Haines and Sons.
28	Do. - - - -	"	Hopkins and Walton.
29	Do. - - - -	"	Haines and Sons.
30	Do. - - - -	"	W. Bennitt.
31	Titford - - - -	"	Joseph Bennitt.
32	Titford Lane - - - -	"	H. B. Whitehouse.
33	Do. - - - -	"	S. Wilkes.
34	Tivdale - - - -	"	Joseph Hackett.
35	Union - - - -	"	P. Williams and Company.
36	Whimsey - - - -	"	John Williams.
37	Whiteheath - - - -	"	Midland Coal Company.

No.	Name of Colliery.	Where situated.	Owner's Name.
1	Black Lake - - -	West Bromwich -	Botteley and Company.
2	Church Lane - - -	"	Mason and Company.
3	Church Lane (Oak Tree) -	"	T. and J. Badger.
4	Claypit Lane - - -	"	J. Bent.
5	Do. - - -	"	Eagle Company.
6	Do. - - -	"	Whitehouse and Jeffries.
7	Cobbs Barn - - -	"	R. Whitehouse.
8	Coles Farm - - -	"	Coles Farm Company.
9	Cop Hall - - -	"	Haines and Sons.
10	Coppice - - -	"	John Hartland, jun.
11	Do. - - -	"	H. Parrish.
12	Crab Tree - - -	"	Bagnall and Sons.
13	Do. - - -	"	Thomas Milliship,
14	Do. - - -	"	Do.
15	Do. - - -	"	H. Bullock.
16	Crook Hay - - -	"	Davis and Sons.
17	Cutler's End - - -	"	Bennett and Williams.
18	Dunkirk - - -	"	Taylor and Farley.
19	Do. - - -	"	P. Williams and Company.
20	Gold's Green - - -	"	John Tildesley.
21	Do. - - -	"	J. Bagnall and Sons.
22	Groveland - - -	"	Do.
23	Greet's Green - - -	"	Hartland and Batson.
24	Do. - - -	"	H. Dawes.
25	Hall End - - -	"	Parker and Halford.
26	Harvill's - - -	"	R. Whitehouse.
27	Heath - - -	"	Heath Colliery Company.
28	Ireland Green - - -	"	Parrish and Lewis.
29	Do. - - -	"	T. Cox and Company.
30	Do. - - -	"	Do.
31	Jervoise - - -	"	Jno. Tildesley.
32	Lewisham - - -	"	Heath Colliery Company.
33	Lodge - - -	"	Davis and Sons.
34	Lyttleton - - -	"	S. Dawes.
35	Marsh Lane - - -	"	Jno. Tildesley.
36	Mill Farm - - -	"	Giles and Bennett.
37	Mill Pool - - -	"	Thos. Botteley.
38	Do. - - -	"	J. Botteley.
39	Moor Lands - - -	"	Bagnall and Sons.
40	New Mine - - -	"	Parker and Halford.
41	New Whyley - - -	"	J. Percy.
42	Oak - - -	"	Richards and Plant.
43	Old Meeting - - -	"	Wilcox and Chavasse.
44	Oldbury Lane - - -	"	W. Williams.
45	Do. - - -	"	P. Williams and Company.
46	Old Union - - -	"	Thos. Cox and Company.
47	Old Whyley - - -	"	J. Percy.
48	Piercy - - -	"	Do.
49	Pump House - - -	"	Jno. Haines.
50	Rowhay - - -	"	P. Williams and Co.
51	Do. - - -	"	Haines and Son.
52	Spon Lane - - -	"	Davis and Sons.
53	Do. - - -	"	J. Dawes.
54	Swan Village - - -	"	Eagle Furnace Company.
55	Swan Meadow - - -	"	Stourbridge Banking Company.
56	Talbot - - -	"	Jno. Tildesley.
57	Tantany - - -	"	Field and Davis.
58	Victoria - - -	"	Heath Colliery Company.
59	Wasgan - - -	"	Jno. Hartland.
60	White's Farm - - -	"	Jno. Spittle.

No.	Name of Colliery.	Where situated.	Owner's Name.
1	Broadwaters - - -	Wednesbury -	J. Bagnall and Sons.
2	Do. - - -	"	W. Tolley.
3	Do. - - -	"	Jas. Bayley.
4	Brunswick - - -	"	Patent Axle Company
5	Dudley Road - - -	"	B. Round.
6	Fallings - - -	"	W. Grove.
7	King's Hill - - -	"	Josh. Butler.
8	Do. - - -	"	Saml. Mills.
9	Do. - - -	"	Morris and Bayley.
10	King's Hill Field - - -	"	Jno. Newell and Sons.
11	Misty Croft - - -	"	Paul Moore.
12	Moxley - - -	"	S. Groucott and Sons.
13	New Field - - -	"	Botteley and Company.
14	Old Field - - -	"	R. Morgan.
15	Old Park - - -	"	Lloyd, Fosters and Co.
16	Parlour Piece - - -	"	J. Spittle.
17	Ridden Lane - - -	"	Wm. Horton.
18	Vicarage - - -	"	Charles Hunt.
19	Do. - - -	"	Mary Foster.
20	Wednesbury Park - - -	"	Lloyd, Foster and Co.
1	Bearmoor - - -	Corngreaves -	N. B. Iron Company.
2	Black Waggon - - -	"	Do.
3	Blue Bell - - -	"	T. and J. Badger.
4	Brick House - - -	"	A. H. Barrs.
5	Bullfield - - -	"	— Peacock.
6	Corngreaves - - -	"	N. B. Iron Company.
7	Dudley Wood - - -	"	Job Taylor.
8	Eagle - - -	"	— Birch.
9	Fire Clay - - -	"	J. T. Rufford.
10	Fly - - -	"	N. B. Iron Company.
11	Garrett's Lane - - -	"	T. and J. Badger.
12	Haden Hill - - -	"	Brettell and Company.
13	Hawn, The - - -	"	Geo. Attwood.
14	High Harker - - -	"	A. H. Barrs.
15	Do. - - -	"	Thos. Davis.
16	Knowle - - -	"	T. Jones and Company.
17	Lion - - -	"	N. B. Iron Company.
18	Lloydsfield - - -	"	Purser.
19	Netherend - - -	"	Josh. King.
20	Do. - - -	"	Do.
21	Do. - - -	"	Perrens and Co.
22	Saltwell - - -	"	Lord Ward.
23	Tandys - - -	"	Josh. King.
24	Waterfall Lane - - -	"	Wm. Mills.
25	Whitehall - - -	"	G. Dudley.
1	Baptist End - - -	Dudley - - -	Thos. Crew.
2	Barrow Hill - - -	"	Lord Ward.
3	Blackemoor - - -	"	N. B. Iron Company.
4	Blower's Green - - -	"	Brettell and Cartwright.
5	Bumble Hole - - -	"	T. and J. Badger.
6	Buffery, Old - - -	"	Thos. Crew.
7	Do. - - -	"	N. B. Iron Company.
8	Do., New - - -	"	Wm. Haden.
9	Common Side - - -	"	J. and J. Cox.
10	Dixon's Green - - -	"	Knowles and Crew.
11	Farthing Lane - - -	"	Gazebrook and Company.
12	Furnace Field - - -	"	Joshua Horton.

No.	Name of Colliery.	Where situated.	Owner's Name.
13	Freemasons - - -	Dudley - -	B. Gibbons.
14	Gornall Wood - - -	"	Thos. Taylor.
15	Hart's Hill - - -	"	Lord Ward.
16	High Lanes - - -	"	Blackwell and Company.
17	Do. - - -	"	Lord Ward.
18	Holly Hall - - -	"	Do.
19	Level - - -	"	Do.
20	Netherton - - -	"	N. B. Iron Company.
21	Oak Farm - - -	"	Sir Stephen R. Glynne.
22	Old Park - - -	"	Lord Ward.
23	Old Level - - -	"	Hall, Holcroft and Co.
24	Orchard - - -	"	Lord Ward.
25	Parkhead - - -	"	Evers and Martin.
26	Pensnett - - -	"	Philpotts and Plant.
27	Prestwood - - -	"	B. Gibbons.
28	Russell's Hall - - -	"	Blackwell and Company.
29	Scott's Green - - -	"	Richd. Mills.
30	Shut End - - -	"	Bradley and Company.
31	Statlings - - -	"	F. W. Pearson.
32	Tansley Hill - - -	"	Job Taylor.
33	Wallows - - -	"	Lord Ward.
34	Widewaters - - -	"	Do.
35	Woodside - - -	"	Cochrane and Company.
36	Yew Tree - - -	"	B. Gibbons.
1	Bank - - -	Brierley Hill -	Matthews and Woodcock.
2	Brettell Lane - - -	"	Bache and Co.
3	Do. - - -	"	Davis and Sons.
4	Bromley Hall - - -	"	Hunt, Brown and Co.
5	Do. - - -	"	— Wheeley.
6	Bromley, New - - -	"	— Gaddenbrooke.
7	Buckpool - - -	"	C. Roberts.
8	Chapel Hill - - -	"	N. B. Iron Company.
9	Coal Leasows - - -	"	Parrish and Pearson.
10	Corbyn Hall - - -	"	Matthews and Bond.
11	Daisy Hill - - -	"	Do.
12	Delph - - -	"	Harpers and Moore.
13	Lays - - -	"	W. M. Blair.
14	Nagersfield - - -	"	Firmstone and Company.
15	Pensax - - -	"	W. and S. Perry.
16	Shattersford - - -	"	Harris and Co.
17	Standhill and Rectory - - -	"	Hall, Holcroft and Pearson.
18	Tild House - - -	"	Matthews and Bond.
19	Areley - - -	Bewdley - -	
20	Pensay - - -	Stourport - -	
21	Shatterford - - -	Bridgenorth -	

LANCASHIRE.

ASHTON-UNDER-LYNE.

1	Bardsley - - -	Bardsley - -	Jonah Harrop.
2	Do. - - -	Do. - -	Jonah Harrop and Company.
3	Fairbottom - - -	Fairbottom, &c. -	Leeses and Booth.
4	Heys - - -	Ashton-under-Lyne -	John Kenworthy and Brothers.
5	Hurst Knowl - - -	Do. - -	John Whitaker and Sons.
6	Limehurst - - -	Bardsley - -	John George Newton.
7	Lords Fields - - -	Ashton-under-Lyne -	Wm. Wilde.

No.	Name of Colliery.	Where situated.	Owner's Name.
BLACKBURN.			
1	Bank Moor - -	Oswaldtwistle Church -	Simpson and Young.
2	Baxenden - -	Accrington -	
3	Broadfield Higher Pottery -	Do. -	Hargreaves, Ashworth and Co.
4	Broadfield - -	Do. -	Thomas and James Riley.
5	Brookside - -	Oswaldtwistle Church -	Simpson and Young.
6	Clayton - -	Clayton -	Reddish and Bicklaw.
7	Coney - -	Over-Darwen -	John Lomax.
8	Dogshaw - -	Do. -	William Pierce.
9	Duckworth Hall - -	Oswaldtwistle Church -	Eccles Shorrock.
10	Dunkelhalgh Park -	Church -	Simpson and Young.
11	Entwistle - -	Entwistle Moss -	
12	Flash - -	Eccleshill over-Darwen -	Joseph Barnes.
13	Higher Cunliffe - -	Rishton over-Darwen -	Eccles Shorrock.
14	Huddlesden - -	Over-Darwen -	Wm. Brandwood.
15	Hollinshead - -	Hollinshead Moor -	
16	Lower Barn - -	Over-Darwen -	Cunliffe Brickwork Company.
17	Marsh House - -	Do. -	John and Joseph Place.
18	Old Lyons - -	Do. -	Eccles Shorrock.
19	Over Darwen - -	Do. -	Jas. Shorrock.
20	Pole - -	Do. -	Wm. Pickup.
21	Pole Lane - -	Sough-over-Darwen -	Nicholas Fish.
22	Scholes Fold - -	Do. -	John Brandwood.
BOLTON.			
1	Ainsworth Red House -	Ainsworth -	Thomas Fletcher.
2	Albert - -	West Houghton -	Wm. Barton.
3	Bank - -	Little Hulton -	John Wright.
4	Bank House - -	Middle Hulton -	Francis Charlton.
5	Bennetts - -	Little Hulton -	Messrs. Bennetts and Brothers.
6	Bents - -	Little Lever -	Thomas Fletcher.
7	Blackrod - -	Blackrod -	C. and J. Whaley and Co.
8	Bullring - -	Do. -	T. G. Dutton and Co.
9	Burnden - -	Bolton -	T. S. and Exors. of J. Scowcroft.
10	Brightmet - -	Brightmet -	Jas. Harcastle.
11	Do. - -	Do. -	Thos. Fletcher.
12	Chapel Field - -	Blackrod -	Jas. Atherton.
13	Clamerclough - -	Kearsley -	Peter Dorming.
14	Crompton Fold - -	Brightmet -	Thos. Harrobin and Company.
15	Darcy Lever - -	Darcy Lever -	Darcy Lever Coal Company.
16	Dark Lane - -	Blackrod -	James Massey.
17	Dootson and Vauze -	Do. -	Daniel Sutton Leather.
18	Doffcocker - -	Halliwell and Heaton -	Thomas Cross.
19	Dootson and Vauze -	Blackrod -	
20	Farnworth - -	Farnworth -	Fort, Atherton and Co.
21	Five Quarter - -	Great Lever -	Wm. Crompton and N. Haslam.
22	Great Lever - -	Do. -	John Smith, jun., and Co.
23	Do. Works - -	Do. -	Right Hon. the Earl of Bradford.
24	Hacken - -	Little Lever -	John Smith, jun., and Company.
25	Hanging Bank - -	Little Hulton -	Andrew Knowles and Sons.
			James Kay and Co.

No.	Name of Colliery.	Where situated.	Owner's Name.
26	Harwood - - -	Harwood -	James Hardcastle.
27	Harricroft - - -	Near Bolton -	
28	Hunger Hill - -	Rumworth -	Hunger Hill Company.
29	Hulton Moor and Halsham -	Over and Middle } Hulton - }	Wm. Hulton.
30	Kearsley - - -	Farnworth -	T. S. and Exors. of J. Scowcroft.
31	Ladyshore - - -	Little Lever -	John Fletcher.
32	Little Bolton - - -	Little Bolton -	Andrew Knowles and Sons.
33	Little Lever - - -	Do. - - -	Do.
34	New Fields - - -	Horwich - - -	John M. Walch.
35	New Watergate - -	Little Hulton -	Jas. and Wm. Roscow.
36	Quarlton - - -	Quarlton - - -	Andrew Knowles and Sons.
37	Rumworth - - -	Rumworth - - -	Crompton and Vickers.
38	Smithfold - - -	Little Hulton -	John Gibson and Co.
39	Smithills - - -	Halliwell - - -	Peter Ainsworth.
40	Stoneclough - - -	Kearsley - - -	Knowles and Scott.
41	Stopes - - -	Little Lever -	Thomas Fletcher.
42	Tonge - - -	Tonge - - -	Robert Burton and Son.
43	Tottington - - -	Tottington - -	
44	Top o' the Lane - -	Darcy Lever -	Andrew Knowles and Sons.
45	Turton Moor - - -	Turton - - -	Do.
46	Unity Brook - - -	Kearsley - - -	James Stott.
47	Victoria Main - - -	Blackrod - - -	John Ridgway and Company.
48	West Houghton - -	West Houghton -	Longworth and Scowcroft.
49	Do. New - - -	Do. - - -	William Scott and Company.
50	Wilderswood - - -	Horwich - - -	Richard Brownlow.
51	Winter Hill - - -	Do. - - -	Adam Mason.
BURNLEY.			
1	Altham New - - -	Altham - - -	Altham New Coal Company.
2	Burnley - - -	Burnley - - -	Executors of John Hargreaves.
3	Burnt Hills - - -	Habergham Eaves -	Do.
4	Cliviger - - -	Cliviger - - -	Cliviger Coal Company.
5	Cupola and Wholaw Nook -	Hapton Ravenstal -	Brooks and Pickup.
6	Dodbottom - - -	Holme Chapel - -	James Langfield.
7	Foxclough - - -	Colne - - -	Executors of John Hargreaves.
8	Fulledge - - -	Burnley - - -	Wm. Cardwell and Company.
9	Habergham - - -	Habergham Eaves -	Executors of John Hargreaves.
10	Hapton - - -	Hapton - - -	Hapton Coal Company.
11	Hapton Valley - - -	Do. - - -	Executors of John Hargreaves.
12	Horse Pasture - - -	Towneley - - -	Charles Towneley.
13	Marsden - - -	Marsden - - -	Executors of John Hargreaves.
14	Padiham - - -	Padiham - - -	Do.
15	Town House - - -	Great Marsden -	Spencer, Wilson, and Co.
BURY.			
1	Bank Top - - -	Radcliffe Bridge -	James Knowles and Hall.
2	Cockey Moor - - -	Do. - - -	J. Knowles and Company.
3	Clough Side and Ringley -	Outwood - - -	Bromilow, Brownhill and Co.
4	Dark Lane and Shipper } Bottom - - - }	Walmersley - -	Lawrence Duckworth.
5	Elton - - -	Elton - - -	Wm. Thornton Parks.
6	Fern Hill - - -	Bury - - -	Wm. Walker and Company.
7	Higher Hill - - -	Shuttleworth -	Lawrence Duckworth.
8	Radcliffe - - -	Radcliffe - - -	Knowles and Hall.

No.	Name of Colliery.	Where situated.	Owner's Name.
9	Scout Moor - - -	Shuttleworth -	Lawrence Duckworth.
10	Stand Lane - - -	Radcliffe Bridge -	Thos. Grundy and Brothers.
11	Woodgate Hill - - -	Bury - - -	Holt and Diggle.
CHORLEY.			
1	Blackrod - - -	Chorley - - -	T. and C. Whaley.
2	Chorley - - -	Do. - - -	James Darlington.
3	Coppull and Burgh - - -	Coppull - - -	John Hargreaves, jun.
4	Duxbury - - -	Duxbury - - -	T. and Wm. Whittle.
5	Do. - - -	Do. - - -	Thomasa Whley.
6	Heath Charnock - - -	Heath Charnock -	John Rosebottom.
LEIGH.			
1	Astley and Beaford - - -	Astley - - -	Samuel Jackson and Company.
2	Atherton - - -	Chowbent - - -	John Fletcher and Others.
3	Bedford - - -	Bedford Leigh -	Sam. Jackson and Company.
4	Broadfield - - -	Westleigh - - -	John Speakman and Company.
5	Edge Green - - -	Golborne - - -	Richard Evans and Sons.
6	Great Boys - - -	Tyldesley - - -	Fletcher and Scowcroft.
7	Hey Field - - -	Westleigh - - -	Thomas Livesey.
8	Park - - -	Do. - - -	Trustees of Liverpool and Manchester Coal Co.
9	Peel - - -	Tyldesley - - -	Thomas Grundy.
10	Pickley Heys - - -	Westleigh - - -	Thomas Smethurst.
11	Shakerley - - -	Tyldesley - - -	Nathan Eckersley.
12	Springfield and Blackcroft -	Westleigh - - -	Farrington, Marshall and Co.
13	Tyldesley - - -	Tyldesley - - -	Tyldesley Coal Company.
14	Westleigh - - -	Westleigh - - -	James Diggle and Company.
15	Westleigh Lane - - -	Do. - - -	Samuel Banks.
MANCHESTER.			
1	Agecroft - - -	Pendlebury - - -	Andrew Knowles and Sons.
2	Bradford - - -	Bradford - - -	Clegg and Livesey.
3	Clayton - - -	Clayton - - -	Leigh and Bradbury.
4	Clifton and Kearsley - - -	Clifton - - -	Jacob Fletcher Fletcher.
5	Clifton Hall - - -	Clifton - - -	Andrew Knowles and Sons.
6	Clifton Moss - - -	Do. - - -	Do.
7	Crown Point - - -	Denton - - -	Peter Higson.
8	Denton - - -	Do. - - -	Jacob Fletcher Fletcher.
9	Haughton - - -	Haughton - - -	Leigh and Bradbury.
10	Do. - - -	Do. - - -	Thomas Shaw.
11	Mense Lea - - -	Worsley - - -	Representatives of late P. Nightengale.
12	Moston - - -	Moston - - -	John Stanley.
13	Pendlebury - - -	Pendlebury - - -	Andrew Knowles and Sons.
14	Pendleton - - -	Pendleton - - -	Do.
15	Worsley - - -	Worsley - - -	Bridgewater Trustees.
OLDHAM.			
1	Bank House - - -	Crompton - - -	Samuel Wild and Company.
2	Barrowshaw - - -	Oldham - - -	Lees and Mayall.
3	Beesom Hill - - -	Do. - - -	James Taylor
4	Bent Grange - - -	Do. - - -	Thomas Butterworth.
5	Brook and Browns - - -	Sheen - - -	John and Thomas Mills.

No.	Name of Colliery.	Where situated.	Owner's Name.
6	Chadderton - - -	Oldham - - -	William Jones and Company.
7	Chamber - - -	Do. - - -	Do.
8	Doghill - - -	Crompton - - -	Jos. Cook and John Marland.
9	Edge Lane and Dryclough -	Oldham - - -	Evans, Barker and Co.
10	Glodwick and Sarcharine Lane. }	Crompton - - -	James Collinge and Company.
11	Greenacres - - -	Do. - - -	Lees and Booth.
12	Hey - - -	Do. - - -	Mills, Lees and Co.
13	Higginshaw Lane - - -	Royton - - -	Milne, Travis and Milne.
14	Hodge Clough - - -	Oldham - - -	Jesse Ainsworth.
15	Holebottom - - -	Do. - - -	Lees, Jones and Co.
16	Do. - - -	Crompton - - -	Samuel Wild and Company.
17	Jubilee - - -	Do. - - -	Evans, Barker and Co.
18	Low Crompton - - -	Do. - - -	James Stott Milne and Co.
19	Low Side - - -	Oldham - - -	William Wrigley.
20	Oak - - -	Do. - - -	William Jones and Co.
21	Park - - -	Crompton - - -	Evans, Barker and Co.
22	Sholver Lane - - -	Oldham - - -	Abraham Lees.
23	Sholver Moor - - -	Do. - - -	George Hallas.
24	Woodside - - -	Cladderton - - -	Booth, Marland and Booth.
RAINFORD.			
1	Albert - - -	Upholland - - -	Victoria and Albert Coal Company.
2	Bickerstaffe - - -	Bickerstaffe - - -	Bromilow, Forster, and Co.
3	Do. - - -	Do. - - -	Trustess of Lord Skelmersdale.
4	Blagurgate - - -	Do. - - -	Do.
5	Crow Orchard - - -	Skelmersdale - - -	Mrs. Mary Stopforth.
6	Holland - - -	Upholland - - -	Earl of Crawford and Balcarres.
7	Lathom - - -	Lathom - - -	Trustees of Lord Skelmersdale.
8	Newgate - - -	Upholland - - -	Thomas Rigby.
9	Pimbo - - -	Do. - - -	R. and J. Coupe.
10	Rainford - - -	Rainford - - -	Charles Howarth.
11	Swift's Folds - - -	Skelmersdale - - -	James Shaw and Company.
12	Tower Hill - - -	Upholland - - -	John Cadman.
13	Victoria - - -	Rainford - - -	Victoria and Albert Coal Company.

ROCHDALE, INCLUDING BACUP AND ROSSENDALE.

1	Ashworth - - -	AshworthHeywood	Ashworth Coal Company.
2	Bagslate - - -	Bagslate Common	James Lord and Samuel Wild.
3	Baitings - - -	Wolstenholme -	William Booth.
4	Bamford - - -	Birtle cum Bamford	{ Greenwood, Baron, and Tattersall.
5	Bank Top - - -	Bacup - - -	Thomas Watson and Company.
6	Bartle Courn - - -	Whitworth - - -	Zachariah and Jas. Howarth.
7	Birchen Lee - - -	Whitworth - - -	John Knowles and Company.
8	Birtle Dean - - -	Ashworth - - -	Thomas Ramsbottom and Sons.
9	Blue Ball - - -	Brandwood, Bacup	Jas. Butterworth and Company.
10	Bourshaw - - -	Middleton - - -	Thomas Rescow and Company.
11	Brotherod - - -	Catley Lane - - -	H. H. Fishwick and Company.
12	Brownhill - - -	Do. - - -	Chas. Lomax and Jas. Lord.
13	Brownhouse - - -	Healey - - -	James Dearden.
14	Captain Fold - - -	Heywood - - -	Heywood Coal Company.
15	Cartridge Nook - - -	Do. - - -	James Dearden.

No.	Name of Colliery.	Where situated.	Owner's Name.
16	Chadwick Hall - -	Chadwick -	Roscow and Lord.
17	Clegswood - -	Littlesborough -	Ralph Landless.
18	Clough Head Brickworks -	Todmorden -	Thos. Temperley.
19	Croft Head - -	Butterworth -	Croft Head Company.
20	Dean and Hanging Chadder	Thornham -	Jas. Stott, Milne and Company.
21	Dearnley - - -	Weardale Wardle	Stott, Bamford and Company.
22	Drybank - - -	Whitworth -	Drybank Coal Company.
23	Ealles Rake - - -	Bletchinworth -	Chadwick and Collingwood.
24	Foulclough - - -	Todmorden -	John and Ruben Haigh.
25	Freeholds - - -	Whitworth -	Haigh.
26	Gatehouse - - -	Littleborough -	Stott, Bamford and Company.
27	Greave and Tooter Hill -	Brandwood, Bacup	{ Townsend, Hargreaves and Barlow.
28	Green Booth - - -	Woodhouse Lane	James Butterworth.
29	Green's Moor - - -	Brandwood, Bacup	Robert Munn.
30	Healey Hall Bottoms -	Healey Hall and Colley Lane -	Jacob Tweedale and Sons.
31	Hill Clough - - -	Brandwood, Bacup	James Hardman.
32	Hogthead - - -	Whitworth, Bacup	Robert Lees.
33	Do. - - -	Do. -	Towend, Maden and Lord.
34	Hopwood - - -	Middleton -	Edward John Gregg.
35	Harehill Field - - -	Castletown Heywood	Richard Hay.
36	Haugh Hey - - -	Butterworth -	Haugh Hey Colliery Compy.
37	Hoyle Hey - - -	Brandwood, Bacup	James Greenwood.
38	Isbenholme Lane - -	Wolstenholme -	Samuel Lord and Brothers.
39	Knowl Rea Lamb - - -	Do. -	Richd. and George Howarth.
40	Knowsley - - -	Whitworth -	Joah Townend.
41	Land - - -	Do. -	James Dearden.
42	Lew Barn Brickworks	Brandwood, Bacup	Taylor and Hoyle.
43	Middleton - - -	Middleton -	Thos. Roscow and Company.
44	New Hey - - -	Brandwood, Bacup	Aitkin Brothers.
45	Nook - - -	Heap, detached near Chadwick	Fishwick and Co.
46	Oaken Clough - - -	Brandwood, Bacup	James Butterworth.
47	Old Hey - - -	Do - -	{ Townsend, Hargreaves and Barlow.
48	Openshaw - - -	Birtle - -	Joseph Chadwick.
49	Penning - - -	Wolstenholme -	John Howarth.
50	Pikehouse - - -	Blatchinworth, Littleborough	Pipehouse Colliery Company.
51	Pasture Bottom - - -	Brandwood -	Robert Lees.
52	Pilsworth - - -	Pilsworth -	Fletcher and Whewell.
53	Rooley Moor - - -	Brandwood -	Ormerod Brothers and Compy.
54	Do. - - -	Do. - -	Richard Ashworth.
55	Rosendale - - -	- - -	Hargreaves, Ashworth, and Co.
56	Schofield Hall - - -	Butterworth -	Henry and Lawrence Newell.
57	Shaw Bank - - -	Do. - -	J. and W. Chadwick.
58	Shawfield - - -	Catley Lane -	Jas. Stott and Jas. Jackson.
59	Shelfield - - -	Bagslate - -	Barron and Tattersall.
60	Shore Lane - - -	Butterworth -	J. and W. Chadwick.
61	Smallbridge - - -	Wardle - -	Stotts Dearden, and Lomax.
62	South Grain - - -	Todmorden -	James Dearden.
63	Spotland - - -	Rochdale -	John Howarth.
64	Thistley Field - - -	Butterworth -	John Knowles and Company.
65	Toadleach - - -	Healey - -	James Dearden.
66	Todmorden Moor - - -	Todmorden -	Do.
67	Trough - - -	Whitworth -	Charles Haigh.
68	Tonacliffe - - -	Do. - -	J. and R. Tweedale.
69	Tooter Hill - - -	Brandwood, Bacup	James Dearden.

No.	Name of Colliery.	Where situated.	Owner's Name.
70	Tooter Hill - - -	Brandwood, Bacup	James Law.
71	Turf House and Starring -	Blatchinworth, Littleborough	Bamford and Company.
72	Wallnook - - -	Wardle - - -	James Dearden.
73	Whitaker - - -	Butterworth - -	Edmund Turner Lord.
74	Whitaker New Tileworks -	Do. - - -	Rigby and Lees.
75	Wolstenholme Fold - - -	Wolstenholme - -	Hall and Urmson.
76	Wolstenholme Hard Clough	Do. - - -	Thomas Shepherd.
77	Woodhouse Lane - - -	Woodhouse Lane	Zech. Howarth.
78	Do. - - -	Do. - - -	John Buckley.
ST. HELENS.			
1	Ashton - - -	Ashton-in-Makerfield	Sam. Clough and Company.
2	Ashton's Green - - -	Parr - - -	John Shaw Leigh.
3	Black Brook - - -	Do. - - -	Bromilow Brother and Sothern.
4	Blackleyhurst - - -	Ashton-in-Makerfield	Sam. Stock.
5	Broad Oak - - -	Parr - - -	Bournes and Robinson.
6	Brynn - - -	Ashton-in-Makerfield	Wm. Garstang and Son.
7	Cropper's Hill - - -	Eccleston - - -	James Radley.
8	Edge Green - - -	Golborne - - -	Richard Evans and Sons.
9	Gerard's Bridge and Cowley Hill.	Windle - - -	Caldwell and Thompson.
10	Glade Hill - - -	Parr - - -	John and Thomas Johnson.
11	Halsnead - - -	Whiston - - -	Richard Willis.
12	Hardshaw - - -	Hardshaw - - -	John Middlehurst.
13	Haydock - - -	Ashton-in-Makerfield	Rich. Evans and Sons.
14	Hayton Hey - - -	Hayton - - -	Mercer and Evans.
15	High Brook - - -	Ashton-in-Makerfield	
16	Laffak and Glade Hill - -	Parr - - -	John and Thomas Johnson.
17	Lower Garswood - - -	Ashton-in-Makerfield	Bromilow Brother and Sothern.
18	Mains - - -	Do. - - -	Chadwick and Company.
19	Parrs Stocks - - -	Parr - - -	Johnson, Werninck and Co.
20	Peaseley House - - -	Sutton - - -	Bournes and Robinson.
21	Prescott - - -	Prescot - - -	John Yates and Company.
22	Prescott Brook - - -	Huyton Prescot -	David Bromilow and Company.
23	Ravenhead - - -	Sutton - - -	Bromilow, Haddock and Co.
24	Riding Lane - - -	Ashton, near Warrington	Joseph Ashton.
25	Royal - - -	Eccleston - - -	David Bromilow and Company.
26	St. Helens - - -	Sutton - - -	Crown Glass Company.
27	Sankey Brook - - -	Parr - - -	Sankey Brook Colliery Compy.
28	Sutton - - -	Sutton - - -	Bournes and Robinson.
29	Union - - -	Eccleston - - -	James Radley.
30	Whiston, or Paradise - -	Whiston, near Prescott	John Yates and Company.
WIGAN.			
1	Albion and Stonehouse - -	Hindley - - -	John Thomas Wood.
2	Almond Brook - - -	Standish - - -	John Taylor and Sons.
3	Amberswood - - -	Ince-in-Makerfield	Jon. Blundell and Sons.

No.	Name of Colliery.	Where situated.	Owner's Name.
4	Arley - - -	Arley - - -	Leresche and Company.
5	Arley Hall - - -	Do. - - -	Thomas Jolley.
6	Barley Brook - - -	Wigan - - -	Barley Brook Colliery Company.
7	Bickershaw - - -	Abram and Leigh - - -	Ackers, Whitley and Company.
8	Birkett Bank - - -	Wigan - - -	James Lancaster.
9	Bispham - - -	Billinge - - -	{ Wm. Hill Brancker and Com- pany.
10	Bickerstaffe - - -	Bickerstaffe - - -	Trustees of Lord Skelmersdale.
11	Blagnegate - - -	Do. - - -	Do.
12	Bottling Wood - - -	Wigan - - -	John Part.
13	Bradley Hall - - -	Standish - - -	Richard Fisher.
14	Bradshaw Hall - - -	Aspull - - -	Wright and Mercer.
15	Broomfield and Standish - - -	Standish - - -	Broomfield Colliery Company.
16	Castle Hill - - -	Hindley - - -	John Bleasdale.
17	Clap Gate - - -	Pemberton - - -	Henry Harrison Clap.
18	Charnock - - -	Charnock - - -	Richard John Smith.
19	Crook - - -	Standish - - -	Fenton and Company.
20	Douglass Bank - - -	Wigan - - -	John Ashton Case.
21	Four Lane Ends - - -	Shevington - - -	Wm. Barton.
22	Gidlow Lane - - -	Wigan - - -	Kirkless Hall Company.
23	Gidlow and Swinley - - -	Do. - - -	Executors of late Josh. Rylands.
24	Gidlow Lane - - -	Do. - - -	William Burton.
25	Greenslate - - -	Shevington - - -	Chas. Scarisbrick.
26	Haigh - - -	Haigh and Aspull - - -	Earl of Crawford and Balcarres.
27	Hawkey - - -	Pemberton - - -	Do.
28	Heskin - - -	Heskin - - -	J. and C. Whaley.
29	Hindley - - -	Hindley and Ince - - -	Kirkless Hall Colliery Company.
30	Hindley Green - - -	Hindley - - -	John Scowcroft and Company.
31	Do. - - -	Do. - - -	Executors of late Robt. Worsley.
32	Holme House - - -	Wigan - - -	Henry Woods.
33	Hosier House - - -	Ince in Makerfield - - -	Thomas Gidlow.
34	Hunger Hill - - -	Wrightington - - -	William Barton.
35	Ince Hall - - -	Do. - - -	Executors of J. Whaley
36	Ince Hall - - -	Ince - - -	Kay and James.
37	Ince Hall Coal and Cannel Works. - - -	Do. - - -	Ince Hall Coal and Cannel Company.
38	Kirkless - - -	Aspull - - -	Executors of R. A. Thickness.
39	Kirkless Hall - - -	Do. - - -	Kirkless Hall Coal Company
40	Low Hall - - -	Hindley - - -	Moss Hall Coal Company.
41	Meadows House - - -	Wigan - - -	Anthony Eccles.
42	Mesnes - - -	Do. - - -	Jonathn. Blundell and Son.
43	Moss Hall - - -	Ince in Makerfield - - -	Moss Hall Coal Company.
44	Do. - - -	Do. - - -	Nuttall and Caldwell.
45	Moss House - - -	Pemberton - - -	Executors of late J. Whaley.
46	New Town - - -	Do. - - -	Jonathan Lamb.
47	New Gate - - -	Upholland - - -	Thomas Rigby.
48	Norley Hall - - -	Pemberton - - -	Norley Hall Coal Company.
49	Pemberton - - -	Do. - - -	John Stephen.
50	Do. - - -	Do. - - -	Jonathan Blundell and Son.
51	Phoenix - - -	Shevington - - -	Thomas Haughton.
52	Platt Lane - - -	Wigan - - -	Wright and Mercer.
53	Platt Bridge - - -	Ince in Makerfield - - -	
54	Railway - - -	Charnock - - -	Executors of John Darlington.
55	Rainforth - - -	Rainforth - - -	William Harding.
56	Rainforth Delf - - -	Do. - - -	Charles Howarth.
57	Shevington - - -	Shevington - - -	John Tayleur and Company.
58	Smith's Lane - - -	Abram - - -	Tickle and Company.
59	Spring - - -	Ince in Makerfield - - -	Thomas Pearson.

No.	Name of Colliery.	Where situated.	Owner's Name.
60	Standish Lower Ground	Standish	John Taylor and Son.
61	Stonehouse	Pemberton	Thomas and Thomas Fisher.
62	Strangeways Hall	Hindley	Strangeways Hall Coal Company.
63	Skelmersdale	Skelmersdale	Mrs. Mary Stopforth.
64	Swifton Folds	Do.	Shaw and Forster.
65	Strawberry	Billinge	Edward Birchall.
66	Tower Hill	Upholland	John Cadman.
67	Victoria	Standish	John Taylor.
68	Do.	Rainforth	
69	Walthew House	Pemberton	Wm. Hill Brancker and Company.
70	Winstanley	Winstanley	Meyrick Banks.

CHESHIRE.

1	Adlington	Adlington, near Stockport	Recently re-opened.
2	Back Lane*	Newton	Executors of George Wooley.
3	Bakestone Dale	Pott Shrigley, Macclesfield	Matthew Gaskell.
4	Bayley Field	Mottram	T. Jas. and John Ashton.
5	Berristall	Pott Shrigley, Macclesfield	Peter Vere, jun.
6	Burned Edge	Hayfield	Levi Hall and Company.
7	Bredbury Black Mine	Bredbury, Stockport	Jonathan and J. Jowett.
8	California Day Eye	Rainow, Macclesfield	Peter Vere, sen.
9	Dane	Wildboardclough, Macclesfield	William Hand.
10	Dunkinfield	Dunkinfield, Stockport	Dunkinfield Coal Company.
11	Do.	Do.	F. D. P. Astley.
12	Dunkirk	Do.	Andrew Ray.
13	Greenhills	Wildboardclough	William Hand.
14	Hockerley	Whaley	Thomas Srigley.
15	Hough Hole Day Eye	Rainow, Macclesfield	Jesse Ainsworth.
16	Hyde	Hyde	Leigh and Bradbury.
17	Little Neston	Neston on Dee	B. Chandler.
18	Lower Sponds	Lyme Prestbury	John Johnson.
19	Lymer Clough	Rainow, Macclesfield	Humphreys Swindell.
20	Macclesfield Common	Macclesfield	Executors of Charles Cook.
21	Middle Call	High Lane, Stockport	Brocklehurst and Company.
22	Ness	Great Neston on Dee	Rowland Errington.
23	Norbury	Norbury, near Stockport	Clayton and Brooke.
24	One House	Near Macclesfield	Jaspar Hooley.
25	Potts Brick Works	Pott Shrigley, Macclesfield	George Lambert.
26	Poynton and Worth	Poynton, near Stockport	Hon. Lord Vernon.

* Closed working Sept. 1855.

No.	Name of Colliery.	Where situated.	Owner's Name.
27	Roe Wood - - -	Macclesfield -	George Needham.
28	Sponds - - -	Lyme Handley -	James Jackson.
29	Do. - - -	Lyme Handley, } Prestbury - }	Job Ennion.
30	Staley Bridge - -	Staley Bridge -	J. Wooley and Company.
31	Whaley - - -	Texal - -	John William Brothman.
32	Woodend Day Eye -	Disley, Stockport -	Ralph Bower.

SHROPSHIRE.

1	Asterley - - -	Shrewsbury -	— Gardener.
2	Broseley - - -	Broseley -	William Exley.
3	Benthall - - -	Do. -	Edward Bathurst.
4	British - - -	Oswestry -	Rogers and Company.
5	Broseley - - -	Wellington -	Hiram Hill.
6	Do. - - -	Do. -	Richard Evans.
7	Do. - - -	Do. -	J. Foster.
8	Do. - - -	Do. -	William Holmes.
9	Do. - - -	Do. -	George Langford.
10	Castle Place - -	Shrewsbury -	William Jones.
11	Clee Hills - - -	Wellington -	Beriah Botfield.
12	Dark Lane - - -	Do. -	Do.
13	Dawley Bank - -	Do. -	Coalbrookdale Company.
14	Donnington Wood -	Do. -	Lilleshall Company.
15	Flannay - - -	Oswestry -	Mac. Daines and Company.
16	Horsechays - - -	Wellington -	Coalbrookdale Company.
17	Hinks Hay - - -	Dawley -	Beriah Botfield.
18	Ketley - - -	Do. -	Ketley Company.
19	Do. - - -	Do. -	Do.
20	Langley - - -	Do. -	Thos. Hinde and Company.
21	Langley Fields - -	Do. -	Do.
22	Lawley - - -	Do. -	Coalbrookdale Company.
23	Lawley Bank - - -	Do. -	Do.
24	Lightmoor - - -	Dawley -	Coalbrookdale Company.
25	Lodge - - -	Do. -	Lilleshall Company.
26	Lebotwood - - -	Do. -	James Smith.
27	Madeley Court - -	Do. -	W. O. Foster.
28	Madeley Wood - -	Do. -	Reynolds and Austice.
29	Malinstree and Strichlee -	Do. -	Beriah Botfield.
30	Morton - - -	Oswestry -	
31	Moat Hall - - -	Shrewsbury -	Shorthouse and Proctor.
32	Old Park - - -	Shiffnall -	Beriah Botfield.
33	Parkfield in Staffordshire -	Do. -	Do.
34	Penylan - - -	Oswestry -	Messrs. Croxon.
35	Do. - - -	Do. -	
36	Pontesbury - - -	Shrewsbury -	Miss Highway.
37	Presgwynne - - -	Oswestry -	Griffiths and Company.
38	Priorslee - - -	Wellington -	Lilleshall Company.
39	Quinta - - -	Oswestry -	Morgan and Company.
40	Raspas - - -	Wellington -	Patten and Plimley.
41	Shorthill - - -	Oswestry -	Edward Warters.
42	Westbury - - -	Shrewsbury -	Jos. Dickenson.
43	Woombridge - - -	Wellington -	A. Peplow.
44	Do. - - -	Do. -	Thomas Davis.
45	Do. - - -	Do. -	John Bennett.
46	Do. - - -	Do. -	Lilleshall Company.
47	Wrockardine - - -	Do. -	Do.

No.	Name of Colliery.	Where situated.	Owner's Name.
48	{ Working the outcrops of the coal chiefly for brick- kilns.	Do. - -	Aston and Hill.
49		Do. - -	R. and J. Cox.
50		Do. - -	Thomas Davis.
51		Do. - -	Theos. Doughty.
52		Do. - -	T. and E. Burton.
53		Do. - -	Rowlands and Son.
54	Do. - - -	Do. - -	Davis, Lloyd, and Davis.
55	Do. - - -	Do. - -	White Grit Mining Company.
56	White Grit - - -	Shrewsbury -	

GLOUCESTERSHIRE.

1	Ashton Vale - -	Bristol - -	Brayton, Knight, and Company.
2	Addis Hill Level - -	Cinderford -	William Crawshaw.
3	Brandybottom - -	Pucklechurch -	Jeffries, Walters, and Company.
4	Bilson - - -	Cinderford -	Aaron Gould.
5	Bixlade - - -	Coleford - -	Executors of David Misset.
6	Bailey Hill - -	Cinderford -	J. H. Warman.
7	Bridewell - -	Coleford - -	Gwillam and Biby.
8	Brooming Hall - -	Lydney - -	J. Melmes.
9	Churchway - -	Coleford - -	Timothy Bennett.
10	Crumpmeadow - -	Cinderford -	Aaron Gould.
11	Cooper's Level - -	Coleford - -	Paragon Company.
12	Cross Knave - - -	Lydney - -	J. Melmes and Company.
13	Collingwood - -	Coleford - -	E. Hall and Company.
14	Cromhall - -	Westerleigh -	Earl Ducie.
15	Coal Pit Heath Works -	Do. - -	Coal Pit Heath Company.
16	Crown - - -	Warmley - -	William Marsden.
17	Edenwall - - -	Coleford - -	Henry Burgess.
18	Easton - - -	Bristol - -	Leonard, Boulton, and Company.
19	Gentlemen Colliers - -	Coleford - -	J. Hawkins and Teague.
20	Holl Lane Works - -	Warmley - -	Leonard, Jefferies, and Co.
21	Hopewell in Winbury -	Coleford - -	Peter Teague and Company.
22	Haywood - - -	Cinderford -	William Crawshaw.
23	Kingswood Works - -	Bristol - -	George Brain and Company.
24	Lightmoor - - -	Cinderford -	William Crawshaw.
25	Nelson - - -	Coleford - -	Thomas and Timothy Bennett.
26	New strip and at it - -	Do. - -	J. H. Harris.
27	Norehard - - -	Lydney - -	J. Morell.
28	Nag's Head - - -	Do. - -	J. Jordan.
29	Oaken and Churchway -	Coleford - -	W. Matthewman.
30	Oxenhall - - -	Newent - -	T. Onslow.
31	Old Croft Level - -	Do. - -	W. Morgan and Company.
32	Parkfield Works - -	Mangotsfield -	Wethered, Cossham, & Wethered.
33	Pyle Marsh - - -	Bristol - -	Morgan, Walker, and Reynolds.
34	Pennywell I. - - -	Do. - -	Chick, Keeling, and Company.
35	Pluckpenny - - -	Coleford - -	J. T. Woodhouse.
36	Park End - - -	Lydney - -	Edward Protheroe.
37	Postlid - - -	Coleford - -	P. Teagues and Company.
38	Princess Royal - -	Do. - -	Thomas Dyke.
39	Paragon - - -	Do. - -	Paragon Company.
40	Pluckpenny No. 2 - -	Do. - -	Henry Phipps and Company.
41	Quidechurch - - -	Cinderford -	W. F. Corbett.
42	Reddings Level - -	Ruardean - -	John White and Company.
43	Regulator - - -	Coleford - -	Timothy Bennett.
44	Speedwell High Delf -	Do. - -	John Davis and Company.
45	Spero - - -	Do. - -	Paragon Company.
46	Success - - -	Do. - -	Trotter, Thomas, and Co.

No.	Name of Colliery.	Where situated.	Owner's Name.
47	Soundwell Works - - -	Warmley - - -	Messrs. Whittuck.
48	Stapleton - - -	Bristol - - -	John Monk.
49	Thatchpit - - -	Coleford - - -	John Lewis.
50	Victory - - -	Do. - - -	Timothy Bennett.
51	Worrall Hill - - -	Do. - - -	William Lewis.
52	Wellets Level - - -	Do. - - -	Trotter, Thomas, and Co.
53	Win all or Upper Success - - -	Do. - - -	Do.
54	Whitcroft - - -	Do. - - -	Harper and Moore.
55	Yate Works - - -	Yate - - -	Long, Keeling, and Howell.

SOMERSETSHIRE.

1	Bedminster Works - - -	Bristol - - -	Old Bedminster Coal Company.
2	Branch - - -	Radstock - - -	
3	Braysdown - - -	Do. - - -	Wait, Savage, and Co.
4	Clandown - - -	Do. - - -	Jas. Hill and Company.
5	Camerton - - -	Do. - - -	Pickwick, Davis, and Co.
6	Conygre - - -	Do. - - -	Samborne, Smith, and Co.
7	Coal Barton - - -	Frome - - -	John Fussell.
8	Fry's Bottom - - -	Clutton - - -	Dudding, Collins, and Co.
9	Farrington Gournay - - -	Farrington - - -	Perrins, Holway, and Co.
10	Golden Valley - - -	Bath - - -	Brain and Company.
11	Grove Pit - - -	Radstock - - -	Samborne, Smith, and Co.
12	Grayfield - - -	Do. - - -	Mogg and Company.
13	Hill - - -	Do. - - -	Rawlins and Dickson.
14	Haywood - - -	Do. - - -	Samborne, Smith, and Co.
15	Lower Ham - - -	Do. - - -	Capt. Dixon and Co.
16	Malago Vale - - -	Bedminster - - -	Stuckey's Bankers.
17	North Side - - -	Do. - - -	Do.
18	Nailsea Works - - -	Nailsea - - -	White and Company.
19	Nailse Works - - -	Do. - - -	Farler and Sons.
20	New Melton - - -	Radstock - - -	Savage, Parsons, and Co.
21	Norton Down - - -	Do. - - -	Savage, Hollwey, and Co.
22	Nettlebridge - - -	Do. - - -	Sir John Hippisley.
23	Old Melton - - -	Do. - - -	Savage, Parsons, and Company.
24	Paulton Engine - - -	Do. - - -	Evans, Hill, and Co.
25	Radstock Works - - -	Do. - - -	Countess Waldegrave.
26	Radford - - -	Do. - - -	Savage, Mogg, and Co.
27	Simon Hill - - -	Do. - - -	Capt. Dixon and Company.
28	Timsbury - - -	Do. - - -	George Feare, Agent.
29	Vobster - - -	Frome - - -	Executors of T. Fussell.
30	Writhlington - - -	Radstock - - -	T. Smith and Company.
31	Withy Mills - - -	Do. - - -	Samborne, Smith, and Comp'y.

DEVONSHIRE.

1	Anthracite - - -	Bideford - - -	Maxwell, Thomas, and Co.
2	Bovey Tracey - - -	Newton Bushell - - -	John Divett.

WALES.

NORTH WALES.

ANGLESEA.

1	Berw - - -	Llanidan, Berw - - -	Anglesea Coal Company.
2	Berwuchaf - - -	Llanfihangel, Berw - - -	Hugh Hughe and Son.
3	Glantraeth - - -	Trefdraeth, Berw - - -	Do.
4	Pont Marquis - - -	Do. do. - - -	Pont Marquis Colliery Company.
5	Tai Hirion - - -	Llanfihangel, Berw - - -	Hugh Hughe and Son.

No.	Name of Colliery.	Where situated.	Owner's Name.
FLINTSHIRE.			
1	Altami - - -	Northope, Mold -	Cathedral and Company.
2	Bagilt - - -	Bagilt, Holywell -	Wilson, Maxwell, and Co.
3	Bath - - -	Flint - - -	Charles Dean.
4	Bistre - - -	Mold - - -	Samuel Jones.
5	Broadway - - -	Do. - - -	Broadway Colliery Company.
6	Broncoed - - -	Do. - - -	Lloyd and Shepherd.
7	Bromfield - - -	Do. - - -	E. Walkinshaw.
8	Bryn - - -	near Mostyn, Llanassa - }	Edward Price and Company.
9	Bryn Goleu - - -	Flint - - -	Robert and David Jones.
10	Bryn-y-Bil - - -	Mold - - -	Bryn-y-Bil Company.
11	Buckleigh - - -	Hawarden - -	John Williams and others.
12	Coed Talon and Leeswood -	Mold - - -	Edward Oakley.
13	Coleshill - - -	Bagilt, Holywell -	W. Jones and Company.
14	Coppee - - -	Pont Blyddyn, Mold - }	Tyrrell, Comber, and Smith.
15	Cornist - - -	Flint - - -	W. Thos. Ellis.
16	Englefield and Trevo -	Holywell - -	Parry, Jones, and Co.
17	Ewloe - - -	Hawarden - -	Hancock and Company.
18	Ewloe - - -	Do. - - -	John Williams and others.
19	Ewloe Hall - - -	Do. - - -	Sir G. R. Prescott, Bart., W. Leach, and W. Meshans.
20	Flint - - -	Flint - - -	Eyton Brothers.
21	Flint Marsh and Gwaith- y-Coed - - -	Do. - - -	Flint Marsh Colliery Company.
22	Galchog - - -	Northorpe Mold -	Mrs. Williams.
23	Mold Town - - -	Mold - - -	Mold Town Colliery Company.
24	Mostyn - - -	Mostyn - - -	James Thomas Cookney.
25	Nant Mawr - - -	Mold - - -	Hancock and Company.
26	New Firm - - -	Do. - - -	New Firm Colliery Company.
27	Rhyd Galed - - -	Do. - - -	C. Rixon Fielding.
28	South Mostyn or Lletty -	Mostyn - - -	Eyton and Company.
29	Tryddyn - - -	Mold - - -	Haworth and Thompson.
30	Tryddyn - - -	Do. - - -	May and King.
31	Tryddyn Mill - - -	Do. - - -	Tryddyn Mill Company.

DENBIGHSHIRE.

1	Aber Cervyn - - -	Ponkey, Ruabon -	Thomas Williams and Company.
2	Afoneitha - - -	Ruabon - - -	R. Williams, Wm. Hughes, and John Lloyd.
3	Black Park - - -	Chirk - - -	Representatives of T. E. Ward.
4	Broughton - - -	Wrexham - - -	Broughton Coal Company.
5	Brymbo - - -	Do. - - -	Brymbo Coal Company.
6	Bryn Malley - - -	Do. - - -	Bryn Malley Colliery Company.
7	Bryn-y-felin - - -	Ruabon - - -	Daniel Owen and Sons.
8	Bryn-yr-Owen - - -	Do. - - -	John Taylor and Sons.
9	Christionydd - - -	Do. - - -	Representatives of T. E. Ward.
10	Do. - - -	Do. - - -	Edward Morris.
11	Coed Poeth* - - -	Wrexham - - -	John Burton.
12	Do. - - -	Do. - - -	Jonathan Jones and Company.
13	Dolydd* - - -	Vale of Llangollen -	Dolydd Company.
14	Frood - - -	Wrexham - - -	Sparrow, Pearson, and Co.
15	Gardden Lodge - - -	Ruabon - - -	George Walmesley.
16	Groes - - -	Do. - - -	Jonathan Davis and Company.
17	Lodge - - -	Wrexham - - -	George Moss.
18	Morton - - -	Ruabon - - -	R. C. and W. Wright.

* Producing Iron Stone.

No.	Name of Colliery.	Where situated.	Owner's Name.
19	Pant - - -	Pentre Chris- tionydd, Ruabon }	R. C. and W. Wright.
20	Pentre Bychan - -	Ruabon - -	Gomer Roberts and Company.
21	Pen-y-coed - - -	Wrexham - -	Broughton Coal Company.
22	Plasisa - - -	Ruabon - -	Samuel Giller.
23	Plaskynaston - -	Cefn, Ruabon -	Thomas Ed. Ward.
24	Ruabon - - -	Ruabon - -	New British Iron Company.
25	Ruabon Coal and Coke Works	Do. - -	Ruabon Coal and Coke Co.
26	South Sea - - -	Wrexham - -	South Sea Company.
27	Vron - - -	Do. - -	Maurice and Low.
28	Westminster - - -	Do. - -	Westminster Coal Company.
29	Wynn Hall - - -	Ruabon - -	William Kenrick.

SOUTH WALES.

PEMBROKESHIRE.

1	Ainkell, Redbath, and Bolton Hill - - -	Haverfordwest -	J. Williams.
2	Begelly - - -	Tenby - -	Pocock and Company.
3	Bonville Court Works -	Do. - -	Messrs. Myers.
4	Broadmoor - - -	Do. - -	Spencer and Cope.
5	Broadhaven Slash - -	Haverfordwest -	Thomas and Canton.
6	Cardmaker's Roof - -	Do. - -	Enoch Barrah.
7	Crane - - -	Tenby - -	John Prout.
8	Falkstone and Trevane -	Haverfordwest -	Thomas and Canton.
9	Freystrop - - -	Do. - -	Sir John Packington.
10	Hook - - -	Do. - -	Harcourt Powell.
11	Island - - -	Do. - -	George Tennant.
12	Kilgetty Works - -	Tenby - -	Pembrokeshire Iron and Coal Co.
13	Landshipping - - -	Haverfordwest -	Colonel Owen.
14	Moor - - -	Tenby - -	Pocock and Company.
15	Moreton - - -	Do. - -	Moreton Coal Company.
16	Sprinkle and Nash - -	Haverfordwest -	G. S. Philipps.
17	Thomas Chapel Works -	Tenby - -	Pembrokeshire Iron and Coal Co.
18	Wood and Southwood -	Haverfordwest -	Thomas Waters.

CÆRMARTHENSHIRE.

1	Abercrave - - -	Llanelly - -	Thomas Walters.
2	Amman Levels - - -	"	Amman Iron Company.
3	Biggin - - -	"	Walter Hugh and Company.
4	Box - - -	"	Sims, Wilyams, and Company.
5	Brynamman Works - -	"	Llewellyn and Son.
6	Bryn Gwyn - - -	"	Sims, Wilyams, and Company.
7	Bynea - - -	"	T. Bateman.
8	Canal Incline - - -	"	Watney and Company.
9	Car Grobos - - -	"	G. B. Morris.
10	Caraway - - -	"	Abraham and Edwards.
11	Clynboydy - - -	"	J. Strick.
12	Cwmamman Works - -	"	Morgan and Sons.
13	Cwmillynfell - - -	"	Jones and Aubrey.
14	Cwm Mawr - - -	"	Rev. Parry Thomas.
15	Cwmtwrch - - -	"	Evan Jones.
16	Dyffryn - - -	"	J. Strick.
17	Garnant - - -	"	Perkins and Sons.
18	Gelly - - -	"	Sims, Wilyams, and Company.
19	Gelly Ceidrim - - -	"	Charles Morgan.
20	Gors Goch - - -	"	Wm. Sayers.
21	Hendreforgan - - -	"	Evan Jones.
22	Level Vawr - - -	"	Chas. Morgan.

No.	Name of Colliery.	Where situated.	Owner's Name.
23	Lion - - -	Llanelly - -	Christ. James.
24	Lone - - -	"	J. Strick.
25	Llandafen - - -	"	Sims, Wilyams, and Company
26	Maesyquarrey - - -	"	Williams and Company.
27	Nant Main - - -	"	J. Strick.
28	New Lodge - - -	"	Mason and Elkington.
29	Oldcastle - - -	"	Sims, Wilyams, and Company.
30	Oullwyn - - -	"	Llewellyn and Sons.
31	Pembry - - -	"	J. Stanley and Company.
32	Penbryn - - -	"	Loder and Arthur.
33	Pencoed - - -	"	Sims, Wilyams, and Company.
34	Penlwyngwyn - - -	"	Llangennech Coal Company.
35	Pentwyn - - -	"	C. Morgan.
35	Pontyclere - - -	"	Pets and Betts.
37	Pwlycora - - -	"	David Lloyd.
38	Raven - - -	"	J. Strick.
39	St. David's - - -	"	Llangennech Coal Company.
40	St. George's - - -	"	J. Stanley and Company.
41	Star Trensaran - - -	"	Harris and Company.
42	Tecton - - -	"	English and Australian Copper Company.
43	Trichwart Ponthenry - - -	"	
44	Waincaegerwelt - - -	"	J. Kirkworth,
45	Waun Thomas - - -	"	William Clement and Company.
46	Ynysgeinon Works - - -	"	Thomas Walters,
47	Ystradhirwen - - -	"	Cardiff Company.

GLAMORGANSHIRE.

1	Aberamman - - -	Aberdare - -	Crawshay Bailey.
2	Aberamman - - -	Do. - -	David Williams.
3	Aberdulais - - -	Neath - -	Wm. Llewellyn and Company.
4	Abergwar - - -	Aberdare - -	Powell and Brothers.
5	Aberlogin - - -	Swansea - -	Rev. S. Phillips.
6	Abernant - - -	Aberdare - -	Fothergill and Company.
7	Abernant - - -	Neath - -	Richard Evans.
8	Abernantygroes - - -	Aberdare - -	Thomas Powell.
9	Aberpergwyn - - -	Neath - -	W. Williams.
10	Bagdan - - -	Swansea - -	Thomas and Williams.
11	Boitws - - -	Bridgend - -	H. Cossham and Company.
12	Birchgrove - - -	Swansea - -	Davey and Pegg.
13	Blaengwawr - - -	Aberdare - -	David Jones.
14	Blaengwrach - - -	Neath - -	Aberdare Iron Company.
15	Blaenant - - -	Aberdare - -	Fothergill and Company.
16	Briton Ferry - - -	Neath - -	T. Williams.
17	Brombill - - -	Taibach - -	Vivian and Sons.
18	Bryneoch - - -	Neath - -	Neath Abbey Coal Company.
19	Bryndewy - - -	Do. - -	Do.
20	Bryn Ore - - -	Cardiff - -	Bryn Ore Tramroad Co.
21	Bryndu Works - - -	Pyle - -	G. S. Ford and Sons.
22	Bryn - - -	Taibach - -	Governor and Company of Cop- per Mines.
23	Cadoxton - - -	Neath - -	Reynolds and Company.
24	Caergynydd - - -	Swansea - -	Stanley and Company.
25	Carasddu - - -	Neath - -	T. Gronow.
26	Castelwiver - - -	Aberdare - -	William Davis.
27	Cefn Cwse Works - - -	Bridgend - -	North British Banking Co.
28	Clase - - -	Swansea - -	Jones and Davies.
29	Court Herbert - - -	Neath - -	John Parsons.
30	Cwm - - -	Swansea - -	Swansea Coal Company.

No.	Name of Colliery.	Where situated.	Owner's Name.
31	Cwmamman - -	Aberdare - -	Shepherd and Evans.
32	Cwmavon Works - -	Taibach - -	Governor and Company of Cop- per Mines.
33	Cwmbach - -	Aberdare - -	Wayne, David, and Co.
34	Cwmdare - -	Do. - -	David Williams.
35	Cwmdu - -	Neath - -	John Parsons.
36	Cwmgrach - -	Do. - -	Jervas and Wood.
37	Cwmneol - -	Aberdare - -	Carr and Morrison.
38	Cwmsaerbron - -	Pontypridd - -	Marquis of Bute.
39	Cyfarthfa Works - -	Merthyr Tydfil - -	William Crawshay and Sons.
40	Cyfyng - -	Swansea - -	Thomas Walters.
41	Cymmer - -	Pontypridd - -	Insole and Sons.
42	Deep Dyffryn - -	Aberdare - -	David Williams.
43	Eaglesbush - -	Neath - -	George Penrose.
44	Eskyn - -	Do. - -	Do.
45	Gadlys Works - -	Aberdare - -	Wayne, David, and Company.
46	Garth - -	Swansea - -	R. W. Williams.
47	Gelligaer - -	Merthyr Tydfil - -	Thomas Powell.
48	Gelligaer Works - -	Cardiff - -	Dowlais Iron Company.
49	Gelligaer Works - -	Merthyr Tydfil - -	Do.
50	Gethin - -	Do. - -	Wm. Crawshay and Sons.
51	Glyn - -	Llantrissant - -	William Thomas.
52	Glynog Vawr - -	Do. - -	Matthews and Davis.
53	Gorse - -	Swansea - -	Prichard and Glassbrook.
54	Gorwood - -	Do. - -	Padley and Williams.
55	Graig - -	Merthyr Tydfil - -	William Rees.
56	Graigola - -	Swansea - -	Benson, Price, and Parsons.
57	Hirwaen Works - -	Aberdare - -	Wm. Crawshay and Sons.
58	Kilnaimont - -	Swansea - -	W. F. Brown.
59	Landore - -	Do. - -	Richard and Glassbrook.
60	Llettyshenkin - -	Aberdare - -	Mrs. Rees.
61	Llaneiaich - -	Pontypridd - -	Gamester and Worthington.
62	Llansamlet - -	Swansea - -	C. H. Smith.
63	Llantwit Works - -	Llantrissant - -	Thomas Powell.
64	Llwyncelyn - -	Pontypridd - -	David James.
65	Llynvi Works - -	Bridgend - -	Llynvi Iron Company.
66	Maes y Marchog - -	Neath - -	Penrose and Starbuck.
67	Maesteg Works - -	Bridgend - -	R. P. Lemon and Co.
68	Main - -	Neath - -	Neath Abbey Coal Company.
69	Meredith's Level - -	Merthyr Tydfil - -	Wm. Meredith.
70	Melincourt - -	Neath - -	J. W. Lyons.
71	Millwood - -	Swansea - -	Major C. Phillips.
72	Morfa - -	Faibach - -	Vivian and Sons.
73	Mountain Ash - -	Aberdare - -	Jenkin Williams.
74	Mynydd bach-y-glo - -	Swansea - -	W. P. Struvé.
75	Mynydd Newydd - -	Do. - -	Swansea Coal Company.
76	New Bridge - -	Pontypridd - -	Forster Brothers.
77	Oakwood - -	Taibach - -	Governor and Company of Cop- per Miners.
78	Pantygrai - -	Neath - -	Penrose and Starbuck.
79	Penclawdd - -	Swansea - -	Starling Benson.
80	Pentrefelin - -	Do. - -	Swansea Coal Company.
81	Pentyrch Works - -	Cardiff - -	T. W. Brooker.
82	Penydarren Works - -	Merthyr Tydfil - -	Penydarren Iron Company.
83	Plymouth Works - -	Do. - -	Anthony Hill.
84	Pontypridd - -	Pontypridd - -	Galvert and Co.
85	Porth - -	Do. - -	Joseph and Jones.
86	Primrose - -	Neath - -	G. Lewis and Company.
87	Pwllfaron - -	Do. - -	Neath Abbey Coal Company.
88	Resolven - -	Do. - -	Jones and Jenkins.

No.	Name of Colliery.	Where situated.	Owner's Name.
89	Respidge - - -	Aberdare -	W. Crawshay and Sons.
90	Rheola - - -	Neath -	J. W. Lyons.
91	Rhymney Works - -	Aberdare -	Rhymney Iron Company.
92	Saints - - -	Swansea -	Jones and Company.
93	Scuwaun - - -	Bridgend -	Thomas Morgan.
94	Skewen - - -	Neath -	John Parsons.
95	Tondu Works - - -	Bridgend -	Messrs. Brogden.
96	Tonmawr - - -	Neath -	Weymouth and Green.
97	Tophill - - -	Cardiff -	W. J. Cartwright.
98	Tor y mynydd - - -	Taibach -	Margam Tin Company.
99	Townhill - - -	Swansea -	D. H. Rees.
100	Trecastle - - -	Cowbridge -	Glamorgan Coal Company.
101	Tregwyn - - -	Swansea -	William Gregor.
102	Troedyrhiw Level -	Merthyr Tydfil -	Edward Bowen.
103	Twrddfa - - -	Swansea -	William Jones.
104	Tyrcenol - - -	Do. -	Swansea Coal Company.
105	Van - - -	Cardiff -	J. Edmonds.
106	Venalt - - -	Neath -	Aberdare Iron Company.
107	Waunmiskin - - -	Llantrissant -	Do.
108	Weeg - - -	Swansea -	Prichard and Glassbrook.
109	Waynwyllt - - -	Aberdare -	Craig Coal Company.
110	Weegfach - - -	Swansea -	Gregor and Company.
111	Wenfawr - - -	Do. -	Rev. S. Pugh.
112	Werfa - - -	Aberdare -	Nixon and Company.
113	Ynyscedwin Works -	Swansea -	Ynyscedwin Iron Company.
114	Ynysarwea - - -	Neath -	Penrose and Starbuck.
115	Ystalyfera Works -	Swansea -	Ystalyfera Iron Company.
116	Ysguborwen - - -	Aberdare -	Thomas and Joseph.
117	Ystradyfodwy - - -	Pontypridd -	Marquis of Bute.

MONMOUTHSHIRE.

1	Abercarne Works - -	Newport -	Abercarne and Gwyther Co.
2	Argoea - - -	Tredegar -	Tredegar Iron Company.
3	Abersychan Works -	Ebbw Vale -	Ebbw Vale Iron Company.
4	Beaufort Works - -	Nantyglo -	Bailey, Brothers.
5	Blaenavon Works - -	Pontypool -	Blaenavon Iron Company.
6	Bultry Hatch - - -	Newport -	Thomas Powell.
7	Bedwas - - -	Do. -	T. S. Price.
8	Barcella - - -	Newbridge -	Cope and Satch.
9	Blaencwm - - -	Newport -	William Phillips.
10	Brithdir - - -	Do. -	Brithdir Coal and Coke Co.
11	Bryn Ore - - -	Do. -	Bryn Ore Tramroad Co.
12	Cwm Myrddai - - -	Do. -	Brithdir Coal and Coke Co.
13	Cwmtetery - - -	Do. -	John Russell.
14	Cwmtillery - - -	Do. -	T. P. Price.
15	Cwmtillery - - -	Do. -	Thomas Powell.
16	Cwmbran - - -	Do. -	John and Habakkuk.
17	Coalbrook Vale Works -	Blaina -	Coalbrook Vale Company.
18	Cwmceelyn and Blaina Works	Do. -	Cruttwell, Allies, and Co.
19	Carngethin - - -	Newport -	Crawshay Bailly.
20	Church - - -	Do. -	Messrs. Prothero.
21	Dyffryn (Upper) - -	Do. -	Thomas Powell.
22	Dyffryn (Middle) - -	Do. -	Do.
23	Dyffryn (Lower) - -	Do. -	Do.
24	Ebbw Vale Works - -	Ebbw Vale -	Ebbw Vale Company.
25	Farm - - -	Newport -	Messrs. Prothero.
26	Gilvach - - -	Do. -	Phillips and Brothers.
27	Gilvach Bargoed - -	Do. -	Cope and Satch.
28	Glandder - - -	Do. -	Do.

No.	Name of Colliery.	Where situated.	Owner's Name.
29	Golynos Works - -	Pontypool -	Crawshay Bailey.
30	Gellydeg - -	Newbridge -	Rees Price.
21	Gurhay - -	Newport -	Roger Lewis.
32	Hendlis - -	Do. -	Hanson and Company.
33	Kendon - -	Newbridge -	Edmund Jones.
34	Llyspentwyn - -	Newport -	Thomas Powell.
35	Machen Works - -	Do. -	Machen Coal Company.
36	Manihole - -	Do. -	Sir Thomas Phillips.
37	North - -	Do. -	William Harris.
38	Nantyglo Works - -	Nantyglo -	Bailey, Brothers.
39	New Tredegar - -	Newport -	Thomas Powell.
30	Penyvan - -	Do. -	Do.
41	Pontypool Works - -	Pontypool -	Pontypool Iron Company.
42	Place Level - -	Newport -	Messrs. Prothero.
43	Place Colliery (New) - -	Do. -	Do.
44	Penlwyn - -	Do. -	Thomas Powell.
45	Penycoedcar - -	Do. -	Carr and Company.
46	Penyvan - -	Do. -	Thomas Powell.
47	Plas Bedwelty - -	Do. -	Messrs. Prothero.
48	Rock - -	Do. -	Rock Coal Company.
49	Risca Works - -	Do. -	Risca Coal Company.
50	Rhos Wen - -	Do. -	Messrs. Marshall.
51	Sirhowy Works - -	Ebbw Vale -	Ebbw Vale Iron Company.
52	Trinant - -	Newport -	Carr and Company.
53	Tredegar - -	Tredegar -	Tredegar Iron Company.
54	Tynylwyn - -	Newbridge -	J. Thomas.
55	Tophill - -	Newport -	W. J. Cartwright.
56	Tyr Adam - -	Do. -	Messrs. Prothero.
57	Upper Rock - -	Newbridge -	John Yen.
58	Victoria Works - -	Ebbw Vale -	Ebbw Vale Company.
59	Varley Works - -	Pontypool -	John Vipona.
60	White Rose - -	Newport -	Marshall, Knowles, and Co.
61	Warm Vawr - -	Do. -	Russell and Co.
62	Woodfield - -	Do. -	J. Powell.
63	Waterloo - -	Do. -	W. S. Cartwright.

SCOTLAND.

LANARKSHIRE.

1	Bishopbriggs - -	Glasgow -	William Dixon.
2	Blackhill - -	" -	Wilson and Company.
3	Calder - -	" -	Carron Company.
4	Dalmarnock - -	" -	George Wilson.
5	Govan - -	" -	William Dixon.
6	High Possil - -	" -	Colin Dunlop and Co.
7	Jordanhill - -	" -	John Pearson.
8	Kelvinside - -	" -	Montgomery and Fleming.
9	Kenmure - -	" -	Wilson and Company.
10	Keppoch - -	" -	Do.
11	Possil - -	" -	Do.
12	Rockhill - -	" -	Montgomery and Flemming.
13	Rutherglen Muir - -	" -	William Dixon.
14	Skatterigg - -	" -	John Pearson.
1	Bankhead - -	Rutherglen -	M'Naughten and Hood.
2	Cambuslang - -	" -	Archibald Russell.
3	Eastfield - -	" -	J. G. Buchanan.

No.	Name of Colliery.	Where situated.	Owner's Name.
4	Farm - - -	Rutherglen -	James Fairrie.
5	Fullarton - - -	"	Colin Dunlop and Company.
6	Hamilton Farm - - -	"	Do.
7	Newton - - -	"	J. P. Kidston.
8	Rosebank - - -	"	Colin Dunlop and Company.
9	Silverbank - - -	"	James Fairrie.
10	Spittal - - -	"	Archibald Russell.
11	Stonelaw - - -	"	J. R. Reid.
1	Carntyne - - -	Shettleston -	James Gray.
2	Do. - - -	"	Robert Paterson.
3	Easter Hill - - -	"	Robert Finlay.
4	Kenmuir Hill - - -	"	John Horne.
5	Pricklymuir - - -	"	Roxburg and Faulds.
6	Westmuir - - -	"	R. Gray and Company.
1	Bargeddie - - -	Ballieston -	Bartons Hill Coal Company.
2	Bartonshill - - -	"	Do.
3	Blackfaulds - - -	"	Blochair Iron Company.
4	Braehead - - -	"	Charles Tennant and Company.
5	Bredisholme - - -	"	John Young.
6	Do. - - -	"	Glasgow Iron Company.
7	Comedie - - -	"	Grangemouth Coal Company.
8	Easterhouse - - -	"	Matthew Wallace and Co.
9	Do. - - -	"	James Merry.
10	Ellismuir - - -	"	John Watson.
11	Frankfield - - -	"	David Roxburgh.
12	Garthamlock - - -	"	A. and J. Graham.
13	Mount Vernon - - -	"	Andrew Buchanan.
14	Provanhall - - -	"	Glasgow Iron Company.
15	Springhill - - -	"	Andrew Buchanan.
1	Coathill - - -	Coatbridge -	Merry and Cunningham.
2	Coats - - -	"	Thomas Jackson.
3	Drafflet - - -	"	Miller and Company.
4	Drumpeller - - -	"	Trustees of John Wilson.
5	Dundyvan - - -	"	Do.
6	Gartgill - - -	"	William Baird and Company
7	Gartsherrie - - -	"	Do.
8	Gunnie - - -	"	Do.
9	Hayhill - - -	"	Garnkirk Coal Company.
10	Kilgarth - - -	"	Wilsons and Company
11	Nettlehole - - -	"	Miller and Company.
12	Rosehall - - -	"	Eadie, Miller, and Rankin.
13	Do. - - -	"	Eadie and Miller.
14	Summerlee - - -	"	Wilsons and Company.
15	Sunnyside - - -	"	Wm. Baird and Company.
16	Souterhouse - - -	"	Trustees of J. Wilson.
17	Westrow - - -	"	Wilsons and Company.
18	Whifflet - - -	"	Trustees of J. Wilson.
1	Airdrie - - -	Airdrie -	Todd and Colquhoun.
2	Airdrie - - -	"	Wilsons and Company.
3	Avonhead - - -	"	William Jack.
4	Bell's Dyke - - -	"	Lockhart Dobbie.
5	Burnbrae - - -	"	Wm. Baird and Company.
6	Do. - - -	"	Robt. Baird.
7	Calder Iron Works - - -	"	Wm. Dixon.
8	Chapell Hall - - -	"	Monkland Iron and Steel Com.

No.	Name of Colliery.	Where situated.	Owner's Name.
9	Clarkstone - -	Airdrie - -	Waddell and Johnston.
10	Clifton Hill - -	"	Davidson and Adams.
11	Colliertree - -	"	Trustees of John Wilson.
12	Commonhead - -	"	James Sneddon.
13	Dalmacouther - -	"	Wm. Simpson.
14	Drumbowie - -	"	Robert Livingston.
15	Drumgrayhill - -	"	John Aitken.
16	Easter Moffat - -	"	Johnston and Gilmour.
17	Faskine - -	"	Wm. Baird and Company
18	Gavel - -	"	Patrick Rankine.
19	Garturk - -	"	Wm. Dixon.
20	Glentore - -	"	J. Tom.
21	Hallcraig - -	"	James Kidd.
22	Holehill - -	"	Robt. Baird.
23	Kipps - -	"	Robertson and Eadie.
24	Do. - -	"	Roxburgh and Faulds.
25	Kippsbyre - -	"	Wm. Baird and Company.
26	Moffat Hill - -	"	Dunn and Company.
27	Millfield - -	"	James Kidd.
28	Monkland - -	"	Monkland Iron Company.
29	Palacecraig - -	"	Wm. Baird and Company.
30	Rawyards - -	"	Gavin Eadie.
31	Rochsoles - -	"	Rochsoles Coal Company.
32	Springbank - -	"	John Meason.
33	Stonerigg - -	"	Wm. Black.
34	Whitehill - -	"	James Gardiner.
35	Whiterigg - -	"	William Black.
1	Carfin - -	Holytown - -	Wm. Dixon
2	Do. - -	"	Jno. McAndrew.
3	Carnbroe - -	"	Merry and Cunningham.
4	Do. Old - -	"	James Merry.
5	Cleland - -	"	Wm. Dixon.
6	Do. - -	"	Monkland Iron and Steel Compy.
7	Do. - -	"	Robert Stuart.
8	Greenhill - -	"	Robert Young.
9	Legbrannock - -	"	Monkland Iron and Steel Compy.
10	Mossend - -	"	Mossend Iron Company.
11	Newarthill - -	"	John Watson.
12	Stevenson - -	"	Stevenson Coal Company.
13	Thankerton - -	"	Monkland Iron and Steel Compy.
14	Woodhall - -	"	Merry and Cunningham.
1	Dalziel - -	Motherwell - -	Trustees of Jno. Wilson.
2	Do. - -	"	Wilsons and Company.
3	Do. Camp - -	"	Wm. Gray.
4	Jerviston - -	"	Wilsons and Company.
1	Allanton - -	Wishaw - -	Shotts Iron Company.
2	Cairneyhead - -	"	Do.
3	Cambusnethan - -	"	James Sneddon.
4	Chapel - -	"	William Aitken.
5	Coltness - -	"	A. G. Simpson.
6	Do. Pather - -	"	Boyd and Pennan.
7	Do. Overton - -	"	John Wilson.
8	Coltness Iron Works - -	"	Coltness Iron Company.
9	Hillhouse-rigg - -	"	Shotts Iron Company.
10	Morningside - -	"	David Bennie.
11	Shotts Iron Works - -	"	Shotts Iron Company.

No.	Name of Colliery.	Where situated.	Owner's Name.
12	Wishaw - - -	Wishaw - -	Lord Belhaven.
13	Do. Sunningside - -	"	Arch. Russell.
14	Do. - - -	"	Robt. Bell.
15	Do. - - -	"	Jno. Watson, jun.
16	Do. Glencleland - -	"	Kerr and Fender.
17	Do. - - -	"	Jas. Anderson and Company.
18	Do. - - -	"	Davidson and Corrie.
1	Avonbraes - - -	Hamilton -	Orde Adams.
2	Auchinheath - - -	Lesmahagow -	Jas. Ferguson.
3	Do. - - -	"	Duke of Hamilton.
4	Bankend - - -	"	William Moffat.
5	Birkenshaw - - -	Hamilton -	Jas. Bennie.
6	Brocklaw - - -	Lesmahagow -	Allan Forrest.
7	Castlehill Iron Works -	Carlisle -	Shotts Iron Company.
8	Clouch - - -	Carnwath -	Thomas Nimmo.
9	Coalburn - - -	Lesmahagow -	Baird and Simpson.
10	Corney Coup - - -	Douglas -	John Patterson.
11	Craignethan - - -	Lesmahagow -	Jas. Ferguson.
12	Crutherland - - -	Hamilton -	R. S. Cunliffe.
13	Ernock Muir - - -	"	Wm. Dixon.
14	Glespan - - -	Douglas -	James Swan.
15	Law - - -	Carlisle -	J. and T. Barr.
16	Marlidge - - -	Hamilton -	Colin, Dunlop, and Co.
17	Pool - - -	Carnwath -	John Wright.
18	Quarter - - -	Hamilton -	Colin, Dunlop, and Co.
19	Raplock - - -	"	Robert Couper.
20	Riggside - - -	Douglas -	James Swan.
21	Woodside - - -	Hamilton -	Joseph Hutchinson.
22	Waterlands - - -	Carlisle -	J. and T. Barr.
AYRSHIRE.			
1	Auchincruive - - -	Ayr - -	J. T. Gordon.
2	Ayr - - -	"	Do.
3	Bargainie - - -	"	Joseph Whitefield.
4	Blackhouse - - -	"	J. T. Gordon.
5	Camlary - - -	"	Dallmellington Iron Company.
6	Craigie - - -	"	Robert Brown.
7	Dalquharran - - -	"	Hon. T. F. Kennedy.
8	Drongan - - -	"	John Ferguson.
9	Dalzielsie - - -	"	James Cooper.
10	Dounieston - - -	"	Dallmellington Iron Company.
11	Ewterkine - - -	"	Bell and Drennan.
12	Gadgirth - - -	"	John Henderson.
13	Gadgirth Herse - - -	"	Wilson and Company.
14	Kerse - - -	"	Do.
15	Minivie - - -	"	Dallmellington Iron Company.
16	Peelhill - - -	"	J. T. Gordon.
17	Sundrum - - -	"	Duncan and Bryden.
1	Alnwick Lodge - - -	Irvine - -	Merry and Cunningham.
2	Ardeer Iron Works - -	"	Do.
3	Barr - - -	"	John Dunsmuir.
4	Bartonholm - - -	"	Eglinton Iron Company.
5	Blair Iron Works - -	"	Do.
6	Boutriehill - - -	"	Young and Black.
7	Brownhill - - -	"	Robert Craig.
8	Burn - - -	"	C. J. Walsh.
9	Burnbrae - - -	"	John Barr.
10	Court Hill - - -	"	Arch. Gray.

No.	Name of Colliery.	Where situated.	Owner's Name.
11	Dreghorn - - -	Irvine - -	Arch. Kennet.
12	Dourie - - -	"	John Barr.
13	Eglinton - - -	"	Arch. Kennet.
14	Eglinton Iron Works -	"	Eglinton Iron Company.
15	Fergushill - - -	"	Arch. Fennie.
16	Ghersland - - -	"	T. and J. Oliphant.
17	Glangarnock Iron Works -	"	Merry and Cunningham.
18	Kilburnie - - -	"	Trustees of Jas. Jamieson.
19	Long Barr - - -	"	Robert Wardrop.
20	Mount Curr - - -	"	Eglinton Iron Company.
21	Perceston - - -	"	P. B. M. Macreddie.
22	Redburn - - -	"	Eglinton Iron Company.
23	Redstone - - -	"	Alexander Hart.
24	Stevenson - - -	"	Merry and Cunningham.
25	Swingbridge Muir - -	"	Do.
1	Bankhead - - -	Kilmarlock -	Muir and Stevens.
2	Barleith - - -	"	John Galloway.
3	Bonnyton - - -	"	Merry and Cunningham.
4	Busbie - - -	"	Archibald Finnie.
5	Carperington - - -	"	J. S. Cunningham.
6	Carnilbank - - -	"	Archibald Finnie.
7	Dollar - - -	"	John Galloway.
8	Dykehead - - -	"	Portland Iron Company.
9	Do. - - -	"	Dunsmuir and Dunlop.
10	East Thornton - - -	"	Archibald Finnie.
11	Fairley - - -	"	John Gilmour and Company.
12	Galston - - -	"	John Horne.
13	Gatehead - - -	"	Archibald Finnie.
14	Gauchland - - -	"	Morton and Findlay.
15	Grongar - - -	"	Portland Iron Company.
16	Hillhead - - -	"	John Gilmour.
17	Hurlford - - -	"	John Howie.
18	Do. - - -	"	Allan, Gilmour, and Company.
19	Holmes - - -	"	John Horne.
20	Kilmarnock - - -	"	Archibald Finnie.
21	Mayfield - - -	"	Allan, Gilmour, and Company.
22	New Milns - - -	"	Richmond and Keir.
23	Overton - - -	"	Muir Robertson.
24	Portland - - -	"	Allan, Gilmour, and Company.
25	Portland Iron Works -	"	Portland Iron Company.
26	Riccarton - - -	"	Allan, Gilmour, and Company.
27	Skirrington - - -	"	Do.
28	Treesbank - - -	"	Thomas S. Cunningham.
29	West Thornton - - -	"	Archibald Finnie.
30	Warrock Hill - - -	"	Merry and Cunningham.
1	Bank - - -	New Cumnock -	New Cumnock Iron Company.
2	Beoch - - -	"	Do.
3	Burnieknow - - -	Old Cumnock -	Trustees of John Wilson.
4	Coalburn - - -	New Cumnock -	New Cumnock Iron Company.
5	Common - - -	Old Cumnock -	Portland Iron Company.
6	Do. - - -	Do. -	William Walker.
7	Crossflat - - -	Do. -	Alexander Aird.
8	Garlaff - - -	Do. -	Joseph Whitefield.
9	Garallan - - -	Do. -	Robert Dunsmuir.
10	Gas Water - - -	Do. -	Trustees of John Wilson.
11	Gillsmilleroft - - -	Do. -	John Ferguson.
12	Glenbuck - - -	Do. -	Trustees of John Wilson.
13	Lugar Iron Works - -	Do. -	Do.
14	Mansfield - - -	New Cumnock -	Sir J. S. Monteith.

No.	Name of Colliery.	Where situated.	Owner's Name.
15	Muirkirk Iron Works	Old Cumnock	Trustees of John Wilson.
16	Pathhead	New Cumnock	Archibald Gray and Company.
17	Springhill	Old Cumnock	Davis, Ross, and Company.
18	Stipends	Do.	Sir James B.
19	Welltrees	Do.	Trustees of John Wilson.
20	Wellwood	Do.	Do.

FIFESHIRE.

1	Balgonie	Kirkcaldy	Charles Balfour.
2	Beath	Dunfermline	Earl of Murray.
3	Reath (Little)	"	Lochgelly Iron Company.
4	Cameron	Kirkcaldy	J. H. E. Wey.
5	Cappeldrea	"	Robert Ayton.
6	Cardinden	"	Thomas Goodall.
7	Clunie	"	John Goodall.
8	Cuttlehill	Dunfermline	John Henderson and Company.
9	Cowdenheath	"	Forth Iron Company.
10	Donibristle	"	James A. Nasmyth.
11	Dunniekier	Kirkcaldy	Thomas Knox.
12	Dundonald	Dunfermline	James Naismith.
13	Durie	Kirkcaldy	D. Landall, jun. and Company.
14	Dysart	"	Earl of Rosslyn.
15	Elgin	Dunfermline	Earl of Elgin.
16	Fordel	"	G. W. M. Henderson.
17	Hallbeath	"	John Henderson and Company.
18	Inrievarr	"	Forth Iron Company.
19	Kelty	"	Earl of Murray.
20	Kenneder (Upper)	"	Forth Iron Company.
21	Lethans	"	Do.
22	Lochgelly	Kirkcaldy	Lochgelly Iron Company
23	Lumphinas	Dunfermline	Alexander Christie.
24	Oakley	"	Forth Iron Company.
25	Puttencierieff	"	Do.
26	Townhill	"	Andrew Christie.
27	Wellwood	"	Thomas Spowars.
28	Wemyss	"	J. H. E. Wemyss.

1	Balbirnie	Cupar	John Balfour.
2	Burnturk	"	James Thomas.
3	Callange	"	John Skinner.
4	Downfield	"	James Thomas.
5	Gilston	"	James Fernie.
6	Grange	"	Robert Keddle.
7	Killie	"	Do.
8	Kilmux	"	James B. Fernie.
9	Largoward	"	Thomas Brown.
10	Mount Melville	"	Losh, Wilson, and Bell.
11	Radernie	"	Thomas Lumsden.
12	Rires	"	David Brown.
13	Teasses	"	David Graham.

CLACKMANNANSHIRE.

1	Alloa	Alloa	Mitchell and Company.
2	Clackmannan	"	Mitchell and Mowbray.
3	Craigrie	"	Devon Iron Company.
4	Davonside	"	Robert Bald.
5	Glenfoot	"	James Johnstone.
6	High Kennet	"	John Bonnar.

No.	Name of Colliery.	Where situated.	Owner's Name.
7	Kennetpans - - -	Alloa - - -	Francis Greer.
8	Sauchie - - -	"	Mitchell and Company.
9	Sheardale - - -	"	Joseph Lyle.
10	Woodlands - - -	"	Robert Bald.

HADDINGTONSHIRE.

1	Elphinstone - - -	Tranent - - -	Durie and Nisbet.
2	Fountainhall - - -	"	George Henderson.
3	House of Muir - - -	"	Earl of Hopeton.
4	Ormiston Hall - - -	"	Andrew White.
5	Penston - - -	"	John Deans.
6	Pencaitland - - -	"	Do.
7	Prestongrange - - -	"	Sir George G. Suttie.
8	Prestonlinks - - -	"	John Grieve.
9	Seton - - -	"	Joseph Stevenson.
10	St. Germain's - - -	"	John Deans.
11	Tranent - - -	"	H. F. Caddell.

EDINBURGHSIRE.

1	Arniston - - -	Dalkeith - - -	John Christie.
2	Brunstane Muir - - -	"	Sir George Clark.
3	Dalkeith - - -	"	Duke of Buccleuch.
4	Edmonstone - - -	"	John Wauchope.
5	Loanhead - - -	"	R. B. W. Ramsay.
6	Muirhousedykes - - -	"	David Smith.
7	Newbattle - - -	"	Marquis of Lothian.
8	Oxenford - - -	"	John Christie.
9	Pinkie - - -	Musselburgh - - -	Sir Arch. Hope.
10	Prestonhall - - -	Dalkeith - - -	John Hynd.
11	Vogrie - - -	"	John Christie.
12	Wallaford - - -	"	Gladsmuir Iron Company.
13	Whitehill - - -	"	R. B. W. Ramsay.

LINLITHGOWSHIRE.

1	Armadales - - -	Bathgate - - -	Monkland Iron Company.
2	Balbairdie - - -	"	James Hossie.
3	Bathvale - - -	"	G. and T. Watson.
4	Benharr - - -	"	Dundas Simpson.
5	Boghead - - -	"	James Russell and Son.
6	Collinshields - - -	Bathgate - - -	Monkland Iron Company.
7	Crofthead - - -	"	Coltness Iron Company.
8	Fauldhouse - - -	"	William Dixon.
9	Grange - - -	Linlithgow - - -	John Caddell.
10	Hopeton - - -	"	James Wylie.
11	Houseton - - -	"	Henry Hardie and Company.
12	Kinneil - - -	"	Trustees of John Wilson.
13	Polkemmet - - -	Bathgate - - -	Monkland Iron Company.
14	Sonieburn - - -	"	D. and J. Smith.
15	Torbanehill - - -	"	James Russell and Company.

STIRLINGSHIRE.

1	Aronlass - - -	Slamannan - - -	James Watt.
2	Balquhatstone - - -	"	John Watson junior.
3	Banknock - - -	Kilsyth - - -	William Wilson.
4	Bannockburn - - -	Stirling - - -	John Geddes and Company.
5	Bantaskine - - -	Falkirk - - -	John Wilson.
6	Bantone - - -	Kilsyth - - -	David Mc. Alister.
7	Do. - - -	"	John Young and Company.
8	Do. - - -	"	John Bow and Company.

No.	Name of Colliery.	Where situated.	Owner's Name.
9	Binniehill - - -	Slamannan -	John Brown.
10	Bentend - - -	Falkirk - -	Carron Company.
11	Callender - - -	" - -	John Wilson.
12	Campsie - - -	Kilsyth - -	Hurlet and Campsie Alum Co.
13	Carron Hall - - -	Falkirk - -	Carron Company.
14	Connypark - - -	Kilsyth - -	William Wilson.
15	Cuttiemyre - - -	" - -	Matthew Wallace and Co.
16	Craigend - - -	Falkirk - -	James Wingate.
17	Derry - - -	Campsie - -	John Mc. Vey.
18	Drumclair - - -	Slamannan -	John Nimmo.
19	Gardrum - - -	Falkirk - -	Trustees of John Wilson.
20	Glenfair - - -	" - -	T. P. Henderson.
21	Glorrat - - -	Kilsyth - -	James Mac Nab.
22	Grangemouth - - -	Falkirk - -	Grangemouth Coal Company.
23	Greenyards - - -	Stirling - -	John Geddes and Company.
24	Highland Park - - -	Kilsyth - -	Rennie and Brown.
25	Jawcraig - - -	Slamannan -	William Scott and Son.
26	Lodge - - -	" - -	John Nimmo.
27	Medowside - - -	Kilsyth - -	Sir Archibald Edmonstone.
28	New Craig - - -	Slamannan -	W. Scott and Son.
29	Redding - - -	Falkirk - -	Duke of Hamilton.
30	Riskena - - -	Kilsyth - -	Matthew Hay and Company.
31	Standrigg - - -	Falkirk - -	John Wilson.
32	Stonerigg - - -	Kilsyth - -	John Bow and Company.
23	Strathavon - - -	Slamannan -	John Brown.
34	Summerhouse - - -	Falkirk - -	John Wilson.
35	Townhead - - -	Kilsyth - -	Matthew Hay and Son.

DUMBARTONSHIRE.

1	Barhill - - -	Kilsyth - -	John Watson.
2	Blairdardie - - -	Dumbarton -	Robertson and Harvie.
3	Cowden Hill - - -	" - -	William Napier.
4	Duntocher - - -	" - -	Alexander Dunn.
5	Garscube - - -	" - -	James Barclay and Company.
6	Gartshore - - -	Kilsyth - -	Matthew Wallace and Company.
7	Knightswood - - -	Dumbarton -	Wilson and Company.
8	Longfaulds - - -	" - -	Gaven Marshall.
9	Netherwood - - -	Kilsyth - -	John Watson.
10	Shirva - - -	" - -	William Dunsmuir.
11	Strone - - -	" - -	John Watson.

RENFREWSHIRE.

1	Coal Bog - - -	Johnstone -	John Gilchrist.
2	Craigends - - -	Paisley - -	Alexander Cunningham.
3	Hurlet - - -	Do. - -	John Wilson and Company.
4	Linnwood - - -	Johnstone -	Merry and Cunningham.
5	Milliken - - -	" - -	William Dixon.
6	Nitshill - - -	" - -	Geo. and Thos. Coats.
7	Paisley - - -	" - -	William Ronald.
8	Quarrelton - - -	Paisley - -	Ludovic Houstoun.
9	Summerland - - -	" - -	John Wilson and Sons.
10	Thornhill - - -	" - -	John Walker
11	Titwood - - -	" - -	Sir John Maxwell.

No.	Name of Colliery.	Where situated.	Owner's Name.
-----	-------------------	-----------------	---------------

DUMFRIESSHIRE.

1	Cairnburne	- - - -	Dumfries	-	Mrs. Jane Whryham.
2	Canobie	- - - -	"	-	Duke of Buccleugh.
3	Drumbuie	- - - -	"	-	Mrs. Jane Whryham.
4	Gateside	- - - -	"	-	Do.

PEEBLES SHIRE.

1	Carlops	- - - -	Peebles	- - - -	Charles Lawson.
---	---------	---------	---------	---------	-----------------

PERTHSHIRE.

1	Comrie	- - - -	Drumblane	-	Forth Iron Company.
---	--------	---------	-----------	---	---------------------

IRELAND.

LEINSTER COAL FIELD.

1	Geneva	- - - -	Queen's County and Carlow District	}	Benjamin B. Edge.
2	Glen	- - - -			
3	Castle Comer Lordship	- - - -	Kilkenny District	}	The Hon. C. H. B. Wandesford. (Agent) Rd. Cook.
4	Colliery, Bawnjarro	- - - -			
5	Old Lordship	- - - -			
5	Skahana	- - - -			

TIPPERARY COAL FIELD.

1	Slievardagh	- - - -	Cork	- - - -	Mining Company of Ireland.
2	Foilmamen	- - - -			William Cotton.
3	Old Hill	- - - -	Urlington	- - - -	George Ashley.
4	Ballincurry	- - - -	Ballingarry	- - - -	William McCarthy.
5	Ballingarry	- - - -	"	- - - -	J. Norton.

MUNSTER COAL FIELD.

1	Lisnacou	- - - -	Munster	- - - -	Mining Company of Ireland.
2	Dromagh	- - - -	"	- - - -	Nicholas Philpot Leader.

CONNAUGHT COAL FIELD.

1	Meeneshama	- - - -	Drumshambo	- - - -	Capt. R. Lefroy Sadleir.
2	Tullynaha	- - - -	Drumkeeran	- - - -	Patrick Buchan.
3	Sellannaskeagh	- - - -	Do.	- - - -	
4	Gubbadurra	- - - -	Boyle, Roscommon	}	Creevelea Iron Works. E. McDermott.
5	Greagnageerah	- - - -			

TYRONE COAL FIELD.

1	Coal Island	- - - -	Coal Island	- - - -	Robert King.
2	Do.	- - - -	Do.	- - - -	Samuel Hughes.

L O N D O N :

Printed by GEORGE E. EYRE and WILLIAM SPOTTISWOODE,
Printers to the Queen's most Excellent Majesty.
For Her Majesty's Stationery Office.

HORIZONTAL SECTIONS,

Illustrative of the Survey's Geological Maps.

These Sections are drawn to a scale of six inches to a mile, horizontally and vertically, and describe in detail the Geology of the Country over which they are drawn. Descriptions are engraved on each plate, thus rendering each Section a concise Report on the district it traverses. The size of each plate is 3 ft. 3 in. by 2 ft. 3 in. They are engraved on Copper by Mr. Lowry, and coloured in accordance with the Maps. Sheets 1 to 39, price 5s. each.

VERTICAL SECTIONS,

Illustrative of the Horizontal Sections and Maps of the Geological Survey.

These Sections are arranged, in the form of Vertical Columns, to a scale of 40 ft. to an inch, and illustrate such details as it is impossible to give in the Horizontal Sections above described. In the Coal Measure Sections, for instance, the Thickness of each Bed of Coal, the Mineral Structure and Thickness of the Strata with which they are associated, and the kind and Amount of Ironstone, are given in the greatest detail. Sheets 1 to 18, price 3s. 6d. each Sheet.

MAPS OF IRELAND.

INDEX MAP of CARLOW, Geologically coloured, price 7s.	
Do. KILDARE, do. 7s.	
Do. WICKLOW, do. 7s.	
Do. DUBLIN, do. 7s.	

INDEX MAP of WEXFORD, Geologically coloured, price 7s.	
Horizontal Sections to WICKLOW, 4 Sheets. 7s. each.	
Plan and Sections of the OVOCA MINES. 7s.	

BOOKS Published under the Superintendence of the Geological Survey and Museum of Practical Geology.

- REPORT on CORNWALL, DEVON, and WEST SOMERSET. By Sir H. T. DE LA BECHE, F.R.S. &c. 8vo. 14s.
- FIGURES and DESCRIPTIONS of the PALÆOZOIC FOSSILS in the above Counties. By PROFESSOR PHILLIPS. 8vo. 9s.
- THE MEMOIRS of the GEOLOGICAL SURVEY of GREAT BRITAIN, and of the MUSEUM of ECONOMIC GEOLOGY of LONDON. 8vo. Vol. I. 21s.; Vol. II. (in 2 Parts), 42s.
- BRITISH ORGANIC REMAINS. Forming a portion of the Memoirs of the Geological Survey. Decades I. II. III. IV. V. VI. VII. and VIII. with 16 Plates each. Royal 4to, 4s. 6d.; or royal 8vo. 2s. 6d. each Decade.—Other DECADES are in the Press.
- RECORDS of the SCHOOL OF MINES and of SCIENCE applied to the ARTS. Vol. I. Part I. Inaugural and Introductory Lectures to the Courses for the Session 1851-52. Royal 8vo. price 1s. 6d. cloth. Vol. I. Part II. On the Geology of the South Staffordshire Coalfield. By J. BEETE JUKES, M.A., F.R.S., &c. (*Out of Print*). Vol. I. Part III. On the Mines of Wicklow and Wexford. By WARINGTON W. SMYTH, M.A., &c. Vol. I. Part IV. Statistics of the Produce of Copper, Tin, Lead, and Silver from the Mines of the United Kingdom, with the Exports and Imports of these Metals, from 1848 to 1852 inclusive. By ROBERT HUNT, F.R.S., Keeper of Mining Records.
- CATALOGUE of SPECIMENS in the Museum of Practical Geology, illustrative of the Composition and Manufacture of British Pottery and Porcelain. By Sir HENRY DE LA BECHE, and TRENHAM REEKS, Curator. 8vo. 160 Woodcuts. Price 1s.
- MEMOIRS of the GEOLOGICAL SURVEY and of the MUSEUM of PRACTICAL GEOLOGY. "MINING RECORDS." MINERAL STATISTICS for 1853-1854, embracing the produce of Tin, Copper, Lead, and Silver for both years; of Iron; of Coals and other Minerals for 1854; the Exports and Imports; the Population employed, and a List of the Collieries of the United Kingdom. By ROBERT HUNT, F.R.S., Keeper of Mining Records. Price 1s. 6d.
- MEMOIRS of the GEOLOGICAL SURVEY and of the MUSEUM of PRACTICAL GEOLOGY. The IRON ORES of GREAT BRITAIN. Part I. The IRON ORES of the North and North Midland Counties of England. Price 1s.
- MEMOIRS of the GEOLOGICAL SURVEY and of the MUSEUM of PRACTICAL GEOLOGY. "MINING RECORDS." MINERAL STATISTICS for 1855, embracing Tin, Copper, Lead, Silver, Iron, Coals, Zinc, Salt, and other Minerals produced in the United Kingdom. Their Exports and Imports, &c. By ROBERT HUNT, F.R.S., Keeper of Mining Records. Price 1s. 6d.

These Maps, Sections, and Books may be obtained at the Museum of Practical Geology, Jermyn Street, London.

N.B.—To prevent the confusion arising from different titles, as above, all further publications will appear under the general title of "MEMOIRS of the GEOLOGICAL SURVEY, and of the Museum of Practical Geology;" the words "Decades," "Mining Records," "Reports," &c. being employed as subordinate titles, as in the last works of the list.

July 20, 1855.

RODERICK I. MURCHISON, Director-General.

LIST OF GEOLOGICAL MAPS AND SECTIONS OF THE GEOLOGICAL SURVEY OF THE UNITED KINGDOM,

PUBLISHED BY MESSRS. LONGMAN & Co. FOR HER MAJESTY'S STATIONERY OFFICE, and sold there and at the Museum of Practical Geology, Jernyn Street.

THE Maps are those of the Ordnance Survey, Geologically Coloured by the Geological Survey of Great Britain and Ireland, under the Superintendence of Sir RODERICK IMPRY MURCHISON, F.R.S., Director-General. The various Formations are traced and coloured in all their Subdivisions.

GREAT BRITAIN:—The Counties of which the Geological Survey is completed, are—

- BRECKNOCKSHIRE, Sheets 36, 41, 42, 56 (NW & SW), 57 (NE & SE). Sheets, 2*l.* 0*s.* 6*d.*
- CARDIGANSHIRE, 40, 41, 56 (NW & SW), 57, 58, 59 (SE), 60 (SW). Sheets, 1*l.* 1*7s.*
- CARMARTHENSHIRE, 37, 38, 40, 41, 42 (NW & SW), 56 (SW), 57 (SW & SE). 1*l.* 1*9s.*
- CAERNARVON, 74 (NW), 75, 76, 77 (N), 78, 79 (NW & SW). Sheets, 1*l.* 1*8s.*
- CORNWALL, including Sheets 24, 25, 26, 29, 30, 31, 32, & 33. Sheets, 2*l.* 5*s.*
- DEVONSHIRE, including Sheets 20, 21, 22, 23, 24, 25, 26, 27, & 29. Sheets, 2*l.* 1*1s.*
- * * * The Geology of the Counties of CORNWALL and DEVON is amply illustrated by Sir H. De la Beche's "Report." 8vo. 1*s.*
- GLAMORGANSHIRE, including Sheets 20, 36, 37, 41, & 42 (SE & SW). Sheets, 2*l.*
- * * * Horizontal Sections, 12*s.*; Vertical, 17*s.* 6*d.*; illustrate this County.
- MERIONETHSHIRE, 59 (NE & SE), 60 (NW), 74 (NW, NE, & SW), 75 (NE & SE). 1*l.* 4*s.* 6*d.*
- MONMOUTHSHIRE, including Sheets 35, 36, 42 (SE & NE), 43 (SW). Sheets, 1*l.* 1*1s.*
- * * * Horizontal Sections, 5*s.*; Vertical, 3*s.* 6*d.*; illustrate this County.
- MONTGOMERYSHIRE, 56 (NW), 59 (NE & SE), 60, 74 (SW & SE). 1*l.* 5*s.* 6*d.*
- PEMBROKESHIRE, 38, 39, 40, 41, 58. 1*l.* 5*s.*
- RADNORSHIRE, 42 (NW & NE), 56, 60 (SW & SE). 1*l.* 0*s.* 6*d.*
- SOMERSETSHIRE, 18, 19, 20, 21, 27, 35. 2*l.* 12*s.* 6*d.*
- 10 [Isle of Wight.] 6*s.*
- 16 [Poole, South East of Dorset.] 6*s.* 4*d.*
- 17 [South West of Dorset.] 7*s.*
- 18 [Northern half of Dorset, and SE. part of Somerset.] 12*s.*
- 19 [Half of Somerset, and part of West Wilts.] 11*s.* 6*d.*
- 20 [West Somerset and part of South Glamorgan.] 5*s.* 6*d.*
- 21 [SW. Somerset, NE. Devon, and part of West Dorset.] 10*s.*
- 22 [Part of SE. Devon.] 7*s.*
- 23 [Devon between Torbay and Start Point.] 3*s.*
- 24 [Part of South Devon and of Cornwall.] 3*s.* 6*d.*
- 25 [SW. Devon and East Cornwall.] 10*s.*
- 26 [West Devon and NE. Cornwall.] 6*s.*
- 27 [Part of North Devon.] 3*s.* 6*d.*
- 28 [Lundy Island.] 2*s.* 6*d.*
- 29 [The North of Cornwall, showing the Coast line from Hartland Quay to Cambeak.] 2*s.* 6*d.*
- 30 [Part of Cornwall.] 7*s.* 6*d.*
- 31 [Part of Cornwall.] 7*s.* 6*d.*
- 32 [Part of Cornwall.] 3*s.*
- 33 [Part of Cornwall.] 5*s.*
- 35 [Western Gloucester, the SE. of Monmouth, part of North Somerset and West Wilts.] 10*s.*
- 36 [The greater part of Glamorgan on the West, and Monmouth on the East.] 13*s.*
- 37 [West Glamorgan and South Carmarthen.] 8*s.*
- 38 [South Pembroke.] 4*s.*
- 39 [Small's Light, Pembroke.] 2*s.* 6*d.*
- 40 [North Pembroke and West Carmarthen.] 8*s.*
- 41 [Most of Carmarthen, parts of North Glamorgan, South Cardigan, and East Pembroke.] 8*s.*
- 42 NW. [West Brecknock and part of East Carmarthen.] 2*s.*
- 42 NE. [Part of East Brecknock and West Hereford.] 2*s.*
- 42 SW. [SW. of Brecknock, part of North Glamorgan and East Carmarthen.] 2*s.* 6*d.*
- 42 SE. [NE. of Glamorgan and Monmouth Coalfield.] 3*s.*
- 43 NW. [The Old Red Sandstone and part of the Silurian Strata of Woolhope.] 2*s.*
- 43 NE. [Silurian District of Woolhope, with the Malvern Country as far North as the Wych.] 2*s.* 6*d.*
- 43 SW. [The West of Dean Forest Coalfield.] 3*s.*
- 43 SE. [The greater part of Dean Forest Coalfield.] 3*s.*
- 43 NW. [Part of Warwickshire—Coventry.] 2*s.*
- 53 SW. [Part of Warwickshire—Daventry.] 2*s.* 6*d.*
- 54 NW. [Part of Worcestershire.] 2*s.*
- 54 NE. [Part of Warwickshire.] 2*s.*
- 54 SW. [Part of Worcestershire.] 2*s.*
- 54 SE. [Part of Warwickshire.] 2*s.*
- 55 NE. [Part of Shropshire and Worcestershire.] 3*s.* 4*d.*
- 55 NW. [Part of Hereford, Worcester, and Shropshire.] 3*s.*
- 55 SW. [Part of Hereford.] 2*s.* 6*d.*
- 55 SE. [Part of Hereford and Worcester.] 2*s.* 6*d.*
- 56 NW. [Part of Brecon, Cardigan, Radnor, and Montgomery.] 2*s.* 6*d.*
- 56 NE. [Part of Radnor, Montgomery and Shropshire.] 2*s.* 6*d.*
- 56 SW. [Part of Radnor, Brecon, and Carmarthen.] 3*s.*
- 56 SE. [Part of Radnor and Hereford.] 2*s.* 6*d.*
- 57 NW. [Part of Cardiganshire.] 1*s.*
- 57 NE. [Part of Cardiganshire.] 2*s.* 6*d.*
- 57 SW. [Part of Cardiganshire.] 1*s.* 6*d.*
- 57 SE. [Part of Cardiganshire, including Lampeter to Tregarron.] 2*s.*
- 58 [Part of the Coast of Cardiganshire (Cardigan) and N. Pembrokeshire.] 2*s.* 6*d.*
- 59 NW. [Sea.]
- 59 NE. [Part of Cardigan, Montgomery, and Merioneth.] 3*s.*
- 59 SW. [Sea. (No Geological Colouring.)] 6*d.*
- 59 SE. [The North of Cardiganshire; part of the West Montgomery and the South of Merionethshire.] 3*s.*
- 60 NW. [Part of Montgomery and Merioneth.] 2*s.* 6*d.*
- 60 NE. [Part of Montgomery and Shropshire.] 2*s.* 6*d.*
- 60 SW. [Part of Cardigan, Montgomery, and Shropshire.] 3*s.*
- 60 SE. [Part of Montgomery, Radnor, and Shropshire.] 3*s.*
- 61 NW. [Part of Shropshire.] 2*s.* 6*d.*
- 61 NE. [Part of Shropshire and Staffordshire.] 3*s.*
- 61 SW. [Part of Shropshire.] 3*s.*
- 61 SE. [Part of Shropshire.] 3*s.* 6*d.*
- 62 NE. [Lichfield, part of Staffordshire.] 2*s.*
- 62 SE. [Birmingham, part of Warwickshire.] 2*s.*
- 62 SW. [Part of Staffordshire, including the Coalfield.] 3*s.*
- 62 NW. [Part of Staffordshire, including the Coalfield.] 3*s.*
- 63 NW. [Ashby-de-la-Zouch, part of Leicestershire.] 2*s.*
- 63 NE. [Leicester.] 3*s.*
- 63 SW. [Hinckley, part of Leicestershire and Warwickshire.] 3*s.*
- 71 NW. [Nottingham, part of Derbyshire.] 3*s.*
- 71 SW. [Derby.] 3*s.*
- 71 SE. [Part of Nottinghamshire.] 2*s.*
- 72 NF. [Part of North Staffordshire and of SW. Derbyshire.] 3*s.* 6*d.*
- 72 SW. [Central Part of Staffordshire.] 2*s.*
- 72 SE. [Part of Staffordshire and SW. Derbyshire.] 2*s.*
- 73 NW. [Part of Cheshire.] 2*s.* 6*d.*
- 73 SW. [Part of Shropshire.] 2*s.* 6*d.*
- 73 SE. [Part of Shropshire and Staffordshire.] 3*s.* 4*d.*
- 74 NW. [Part of Denbigh, Merioneth, and Caernarvon.] 3*s.*
- 74 NE. [Part of Denbigh, Flint, Shropshire, and Merioneth.] 3*s.*
- 74 SW. [Part of Montgomery, Denbigh, and Merioneth.] 3*s.*
- 74 SE. [Part of Shropshire, Montgomery, and Denbigh.] 3*s.*
- 75 NW. [Part of Caernarvon.] 2*s.*
- 75 NE. [Part of Caernarvon, Merioneth, and Denbigh.] 3*s.* 6*d.*
- 75 SW. [Part of Caernarvon.] 2*s.*
- 75 SE. [Part of Merioneth.] 3*s.* 6*d.*
- 76 N. [Part of Caernarvon.] 1*s.*
- 76 S. [Part of Caernarvon.] 1*s.* 6*d.*
- 77 N. [Part of Holyhead Island.] 1*s.* 6*d.*
- 78 NW. [N. part of Anglesea, and part of Holyhead Island] 4*s.*
- 79 NE. [E. corner of Anglesea.] 2*s.*
- 79 SW. [S. of Holyhead Island and of Anglesea, with part of Caernarvonshire.] 3*s.* 6*d.*
- 78 SE. [Part of Anglesea on Menai Straits, NE. of Caernarvonshire, and W. of Denbighshire.] 5*s.* 6*d.*
- 79 NW. [Part of Flint, Denbigh, and Caernarvon.] 2*s.* 6*d.*
- 79 NE. [Part of Flint, Cheshire, and Lancashire.] 2*s.*
- 79 SW. [Part of Flint, Caernarvon, and Denbighshire.] 2*s.* 6*d.*
- 79 SE. [Part of Cheshire, Flint, and Denbigh.] 3*s.* 6*d.*
- 80 SW. [Chester, part of Cheshire.] 2*s.* 6*d.*
- 81 NF. [Part of Derbyshire and of the West Riding of Yorkshire.] 3*s.* 6*d.*
- 81 SE. [Part of Derbyshire and of N. Staffordshire.] 4*s.* 6*d.*
- 82 NW. [Chesterfield, part of Derbyshire.] 2*s.* 6*d.*
- 82 SW. [Chesterfield, part of Derbyshire.] 3*s.* 6*d.*

N.B. A new edition of the Index to the Colours and Signs employed on the Geological Survey is now published, price 5*s.*

