

MARK HUGHES

Lead, Land, and Coal as sources of Landlord Income
in Northumberland between 1700 and 1850.

Statistical Appendices.

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A thesis presented May 1963 for the degree of Doctor of Philosophy
in the Newcastle Division of Durham University.

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Bibliographical Note.

Since this study was based almost exclusively on unprinted material no bibliography of the conventional type can be given, but at the same time in attempting to assess the manuscript evidence and provide myself with necessary background information a number of works have been consulted.

On the geographical side two works in particular were used; Prof. A.E. Smailes' 'North England' in the Nelson series of Regions of the British Isles (1960); and 'A Physical Land Classification of Northumberland and Durham' published (1950) by the North East Development Association.

Among recent historical works the only one of importance used was Prof. E. Hughes 'North Country Life in the 18th. Century' which for obvious reasons was the starting point for this study. Apart from this the relevant volumes of the History of Northumberland and numerous articles in Archaeologia Aeliana were consulted. Such standard works as Lord Ernle's English Farming though consulted left this problem of rents in the 18th. century unconvincingly treated.

Among the more specialized economic history works Prof. T.S. Ashton's 'Economic Fluctuations in the 18th century' was used (along with notes taken of the original Ford Lectures) to provide evidence of harvests and financial crises. The articles by Prof. D. Spring in both the Economic History Review and the Durham University Journal, by F.M.L. Thomson and G.E. Mingay in the former periodical were also studied but again did not attempt to cover the same sort of ground.

There remains the mass of contemporary and near contemporary material examined though rarely directly quoted. Arthur Young's 'Six months' tour

'through the North of England' (1770); Bailey and Culley's 'General View of the Agriculture of Northumberland' (1794) and John Grey's article on the History of Northumberland farming in the 1841 volume of the Royal Agricultural Society's proceedings are the most important. In addition to these there remains the various reports of the Board of Agriculture, and a number of Parliamentary enquiries into agriculture in the first half of the 19th century. The biographies of John Grey (by his daughter Mrs Butler) and of Thomas Bates (Thomas Bell 'History of the Improved Shorthorn Cattle') though ^{pp}disappointing did provide information not available elsewhere.

In general, therefore, though a large number of works (including many not mentioned above) were studied their relevance to the particular problems being examined in the thesis was marginal, with few exceptions. Despite this it must be recognised that they had to be consulted for two reasons - the first that, as it were by accident, they ^{might throw} ~~threw~~ light on the particular problem under examination and for fear of that could not be overlooked, and the second that it was only with the background knowledge gained by having read them that one's judgement could be based on something more than common sense and intuition.

THE LEAD INDUSTRY

Before discussing in detail the particular problems concerned with any individual table there are a number of general points to be made. I have assumed that the clerk or agent who entered any figures in his accounts was honest at least to the extent of not inventing imaginary figures. Without this assumption no analysis would have been possible but in its defence it must be ^{said} ~~xxx~~ that although there is plenty of evidence that agents in the 18th century frequently suffered from the occupational disease of dishonesty, the internal coherence of the ledgers is such that if fraud was being committed it was being well covered. If the contemporary masters who examined the books could find no major faults there is little chance that the historian two hundred years later could uncover them.

In both the text and these appendices I have presented evidence which though based on the ledgers has been calculated (for example the average cost per bing annually), and in all such calculations a slide rule has been used rather than the more tedious arithmetical process. Random checks using the longer process have been made and show that the margin of error is usually not more than 0.1% either way. Such lack of accuracy, made necessary by the sheer number of sums that had to be done, in no way reduces the quality of the conclusions based on such calculated figures.

Where no figures are available, or where there is some doubt, I have almost invariably refused to interpolate figures of my own and given either both or none of the doubtful figures. In no case have any powerful statistical procedures been applied and the arithmetical calculations are intended simply to make clearer evidence already contained in the original material.

The first eight tables (pages 5 - 18) are concerned with the mining side of the industry. The first three give the annual production of ore for each of the areas with which the Blakett/Beaumonts were concerned and the total cost from 1729 to 1860. (Only to 1850 in the case of Coalcleugh) Both these figures are directly transcribed from the ledgers and from them the average annual cost per bing has been calculated.

The remaining five tables are concerned with Greenwich Hospital's lead interests on Alston Moor. For the first period for which there is evidence, from c.1735 till the establishment of Langley Lead mill after 1768, the information is contained in a series of letters (P.R.O. Adm.66/105-111), save for the receipts which are taken from the ledgers. These figures include the number of working mines each quarter, the total annual production, the numbers of workmen employed and the selling price per bing as well as the total receipts.

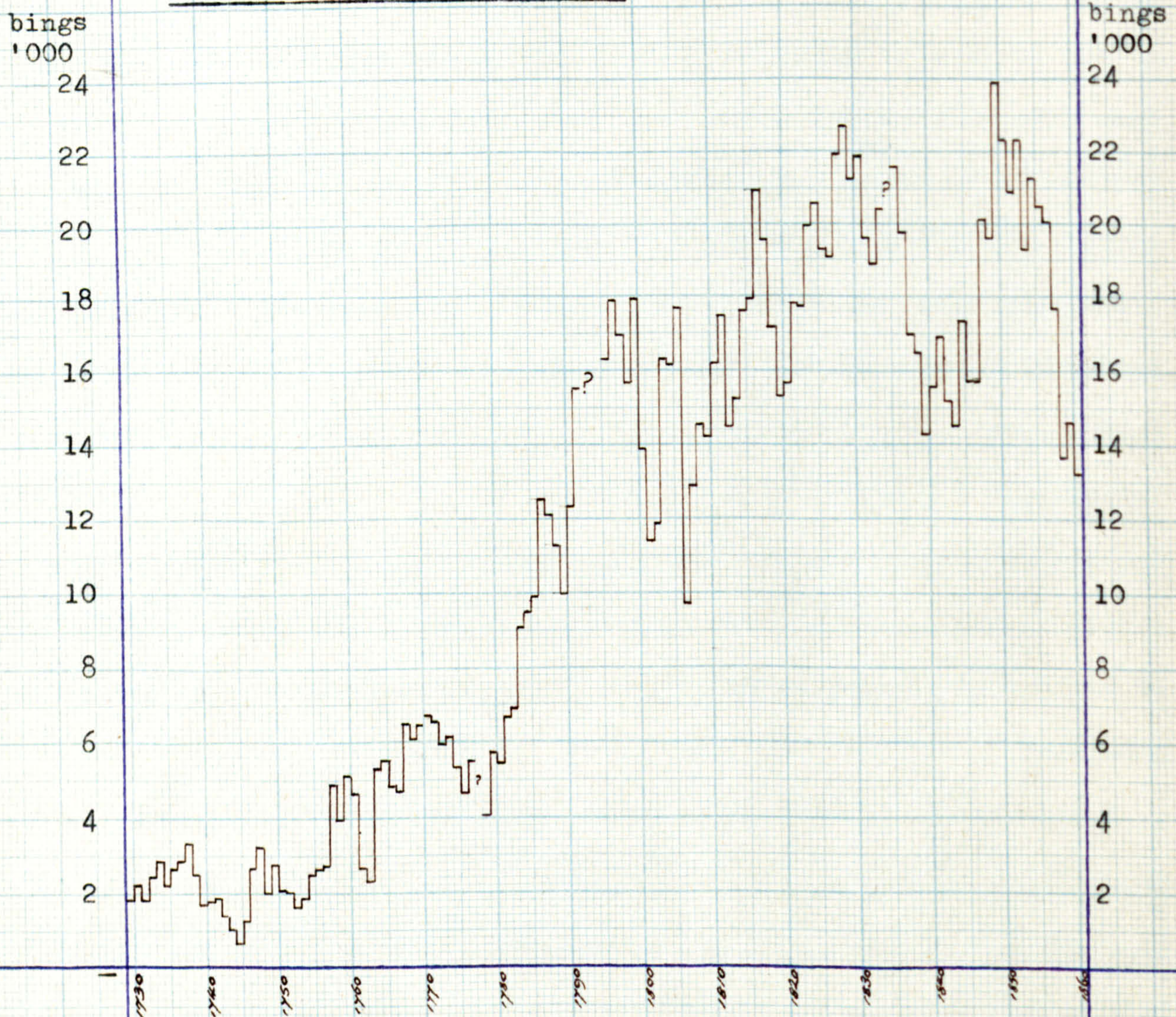
Between 1768 and 1818 though one expects that similar information was transmitted to London, I have not been able to find it so that there is a long gap before the series is resumed. From 1818 till 1844 statistical information has been collected and the figures etc. given are no more than transcriptions of manuscripts in the P.R.O. (Adm. 79/56-7).

No further introduction is needed since the figures speak for themselves, and any minor points of detail are noted as appropriate.

Figure 1.

WEARDALE LEAD MINES.

ANNUAL PRODUCTION 1729-1860.



Notes:- The gap in 1777 is caused by the changes following the death of Sir Walter Blackett, that of 1792-4 by those following Sir Thomas Blackett's and that of 1834 by a change in book-keeping procedure.

The conversion from bings to tons is simple:-
2,000 bings equals 800 tons.

Lead Industry Table 1.

Weardale Lead Mines: Production and costs 1729-1860.

Note:- Production figures are of clean washed ore in bings (eight cwts.), total costs in £s., and average costs in shillings per bing.

Year	Produce	Cost total	cost p.bing	Year	Produce	cost total	cost p.bing
1729	1,810	3,776	41.7	1766	4,772	14,686	61.2
1730	2,216	4,465	40.3	1767	6,470	15,699	48.4
1731	1,807	3,668	40.6	1768	6,161	15,098	48.9
1732	2,482	5,036	40.4	1769	6,443	16,819	51.7
1733	2,866	4,785	33.4	1770	6,681	15,042	45.1
1734	2,229	3,777	34.0	1771	6,560	15,171	46.2
1735	2,674	4,344	32.5	1772	5,933	13,847	46.6
1736	2,860	4,822	34.2	1773	6,162	15,350	49.8
1737	3,380	4,944	29.2	1774	5,340	13,697	51.2
1738	2,536	4,240	33.5	1775	4,650	13,601	58.4
1739	1,724	3,943	44.0	1776	5,564	Not Known	
1740	1,797	3,496	40.6	1777	Not Known		
1741	1,863	2,815	30.2	1778	4,028	13,889	68.5
1742	1,454	2,293	31.6	1779	5,736	14,805	51.7
1743	1,136	2,352	42.0	1780	5,444	12,548	46.3
1744	727	2,367	64.5	1781	6,664	15,152	45.3
1745	1,307	3,452	52.8	1782	6,890	16,550	48.2
1746	2,782	4,386	31.6	1783	9,113	20,088	43.9
1747	3,269	4,885	29.9	1784	9,577	20,455	42.7
1748	2,005	3,791	37.8	1785	9,890	21,345	43.1
1749	2,798	4,812	34.5	1786	12,532	26,150	41.7
1750	2,049	5,291	52.6	1787	12,131	29,150	47.8
1751	2,018	4,365	43.5	1788	11,299	30,011	53.2
1752	1,658	3,987	48.1	1789	9,989	29,202	58.5
1753	1,881	5,223	55.5	1790	12,351	34,455	55.7
1754	2,516	6,610	52.7	1791	15,581	38,754	49.7
1755	2,693	7,227	53.8	1792(a)	10,090	24,568	48.6
1756	2,761	7,192	52.1	1793(b)	38,580	90,351	46.8
1757	4,882	8,979	36.8	1794			
1758	3,396	9,452	47.8	1795	16,303	35,989	44.5
1759	5,148	8,122	31.6	1796	17,898	40,036	44.8
1760	4,624	7,565	32.7	1797	16,974	40,571	47.9
1761	2,745	6,967	50.7	1798	15,686	38,622	49.3
1762	2,359	9,515	80.8	1799	17,939	43,255	48.3
1763	5,285	11,280	42.6				
1764	5,528	11,237	40.6				
1765	4,811	14,583	60.5				

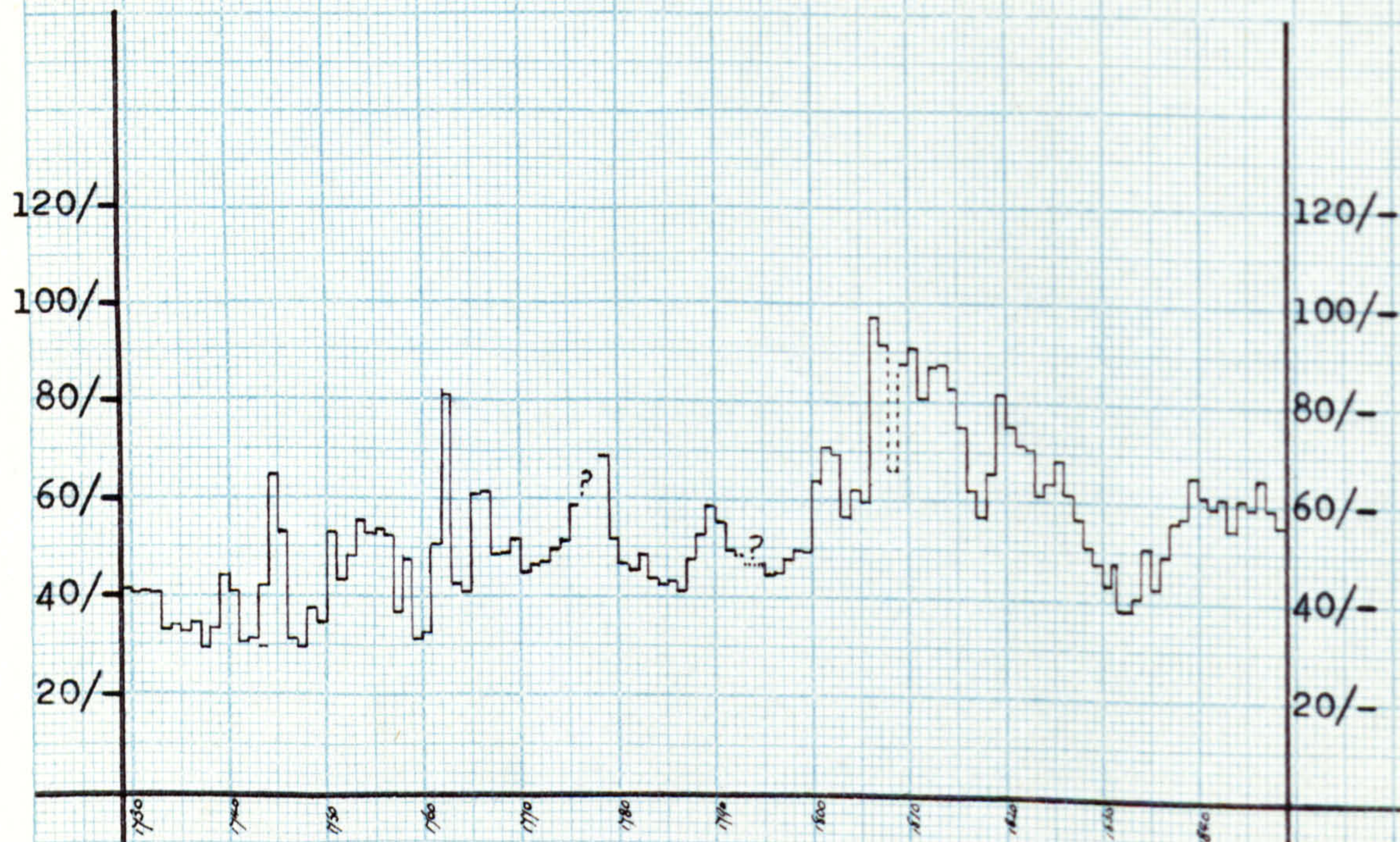
(a) These figures cover the period up to Sir Thomas' death in July.

(b) These figures cover the period from July 1792 to September 30th.1794.

Figure 1 a.

WEARDALE LEAD MINES.

PRODUCTION: Cost per bing annually 1729-1848.



Note:-

The conversion of cost per bing into cost per ton is as follows:- 20/- per bing equals 50/- per ton.

(facing p.6)

Lead Industry Table 1 (cont.)

Weardale Lead Mines: Production and costs 1729-1860.

Year	Produce	Cost Total	Cost p.bing	Year	Produce	Cost Total(a)	Cost p.bing
1800	13,864	44,473	64.1	1831(b)	5,091	9,847	38.7
1801	11,400	40,235	70.5	1832	18,928	36,067	38.2
1802	11,879	41,192	69.3	1833	20,467	33,939	40.9
1803	16,321	46,093	56.4	1834	16,201	27,088	50.5
1804	16,183	50,367	62.2	1835	21,804	38,445	42.5
1805	17,637	52,851	59.8	1836	18,862	38,382	49.6
1806	9,777	47,541	97.2	1837	17,031	38,925	56.0
1807	12,842	58,995	91.7	1838	16,539	39,059	57.6
1808(c)	14,575	133,585	183.2	1839	14,357	38,650	65.7
1809	14,204	62,468	87.8	1840	15,638	39,651	61.7
1810	16,228	73,732	91.0	1841	16,941	41,538	59.3
1811	17,491	70,132	80.4	1842	15,406	39,185	61.1
1812	14,508	63,201	87.2	1843	14,563	30,823	54.7
1813	15,332	67,206	87.7	1844	17,350	43,681	60.5
1814	17,601	72,898	82.8	1845	15,781	38,107	59.6
1815	17,952	67,465	75.1	1846	15,779	42,421	65.2
1816	20,987	65,262	62.3	1847	20,157	50,954	59.3
1817	19,597	55,343	56.6	1848	19,608	55,546	55.8
1818	18,211	56,823	65.9	1849	23,937	A change in book-keeping methods, after T.W. Beaumont's death makes it impossible to give comparable cost figures.	
1819	15,357	62,928	81.9	1850	22,355		
1820	15,579	59,461	75.5	1851	20,890		
1821	17,813	63,689	71.5	1852	22,339		
1822	17,787	62,304	70.1	1853	19,349		
1823	19,979	61,016	61.2	1854	21,310		
1824	20,591	65,598	63.9	1855	20,523		
1825	19,368	66,023	68.4	1856	20,087		
1826	19,117	58,878	61.5	1857	17,694		
1827	21,938	61,850	56.3	1858	13,628		
1828	22,736	57,677	50.7	1859	14,600		
1829	21,268	50,712	47.8	1860	13,201		
1830	21,902	47,693	43.5				
1831 (b)	14,636	35,044	47.9				

(a) After 1832 the figures given under total costs exclude the rents paid to the ecclesiastics(given below) but the cost p. bing do include these rents.

1833 - £7,838	1837 - £8,754	1841 - £8,674	1845 - £8,959
1834 - 13,868	1838 - 8,645	1842 - £8,724	1846 - £8,927
1835 - 7,838	1839 - 8,598	1843 - £8,927	1847 - £8,927
1836 - 8,489	1840 - 8,596	1844 - £8,954	1848 - £8,927

(b) The two figures for 1831 refer to the period before and after Mrs. Diana Beaumont's death on August 10th.

(c) In that year £70,000 is charged against the Weardale mines for the settlement with the bishop, and a further £15,000 for the insertion of a life. These excluded the average cost p.bing is 66.5.

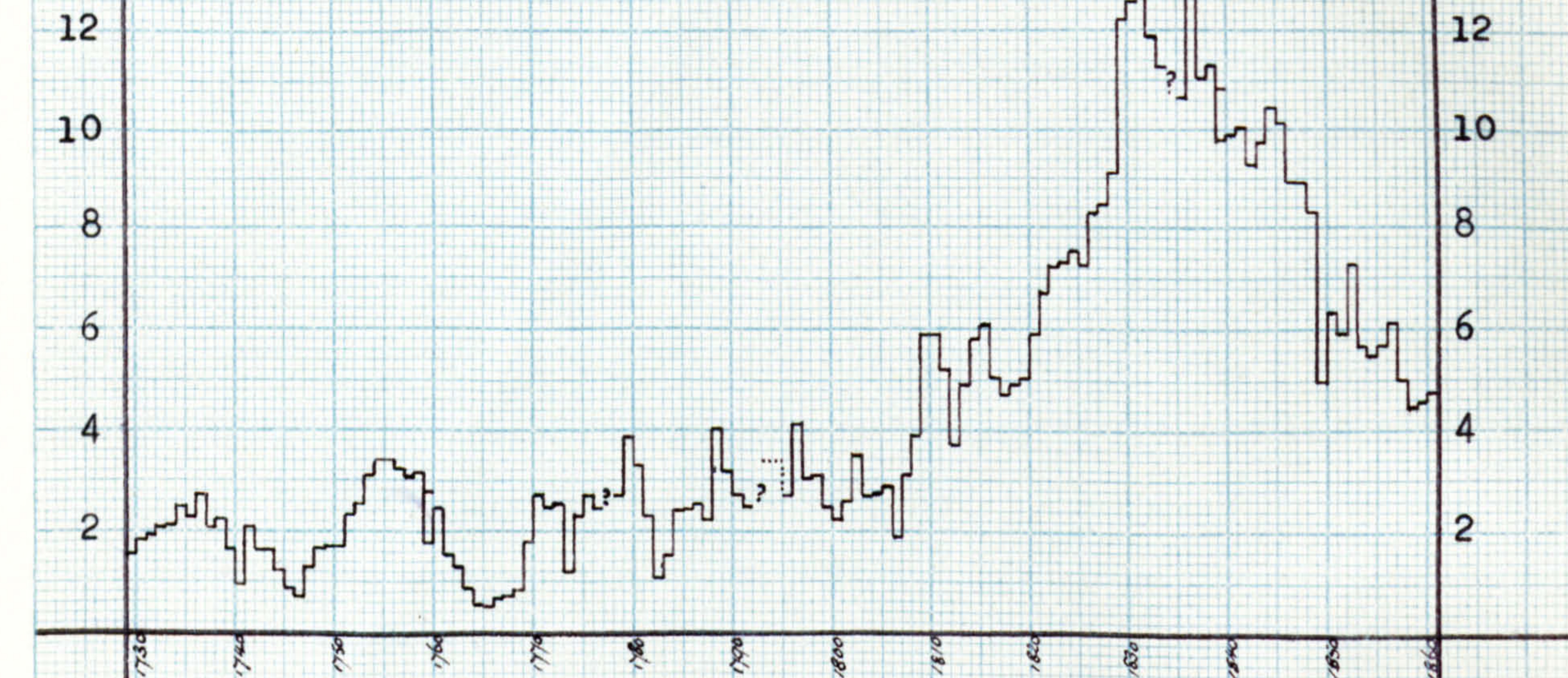
Figure 2.

ALLENHEADS LEAD MINES.

ANNUAL PRODUCTION 1729-1860.

Bings
8000

Bings
'000



Production cost per bing. 1729-1848

160/-

160/-

140/-

140/-

120/-

120/-

100/-

100/-

80/-

80/-

60/-

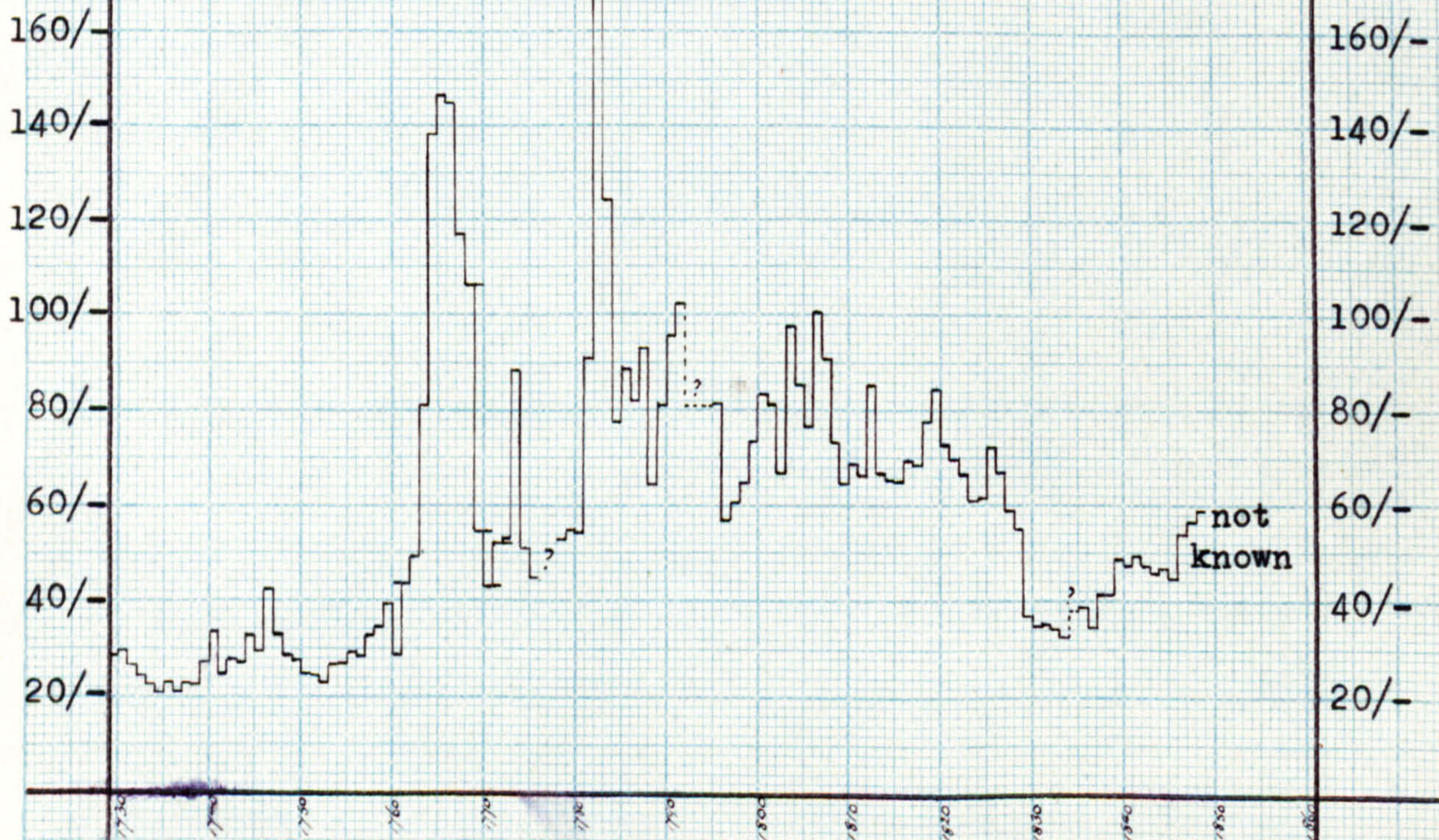
60/-

40/-

40/-

20/-

20/-



Note: 2,000 bings equals 800 tons
20/- per bing equals 50/- per ton.

(facing p.7)

Lead Industry Table 2.

Allenheads Lead Mines: Production and costs 1729-1860.

Note:- Production figures are of clean washed ore in bings (8 cwts.), total costs in £s., and average cost per bing in shillings.

Year	Produce	Total costs	Average p.bing	Year	Produce	Total costs	Average p.bing
1729	1,581	2,272	28.7	1766	650	4,697	145.0
1730	1,818	2,709	29.8	1767	702	4,162	117.6
1731	1,953	2,605	26.6	1768	802	4,269	106.4
1732	2,029	2,454	24.3	1769	1,805	4,911	54.5
1733	2,082	2,381	22.8	1770	2,774	6,048	43.6
1734	2,512	2,644	21.0	1771	2,487	6,471	52.0
1735	2,280	2,677	23.4	1772	2,562	6,804	53.2
1736	2,770	2,923	21.2	1773	1,220	5,395	88.3
1737	2,064	2,395	23.2	1774	2,343	5,946	50.8
1738	2,214	2,509	22.7	1775	2,738	6,128	44.7
1739	1,629	2,247	27.6	1776	2,450	Not known	
1740	950	1,607	33.8	1777	uncertain owing to death of Sir Walter Blackett.		
1741	2,089	2,625	25.2	1778	2,745	9,259	53.0
1742	1,618	2,264	28.1	1779	3,859	10,449	55.7
1743	1,636	2,171	27.6	1780	3,314	9,045	54.5
1744	1,207	1,962	32.5	1781	2,271	10,449	91.5
1745	894	1,319	29.5	1782	1,043	9,156	174.6
1746	751	1,579	42.2	1783	1,496	9,322	124.3
1747	1,302	2,172	33.1	1784	2,398	9,319	77.5
1748	1,715	2,424	28.5	1785	2,412	10,799	88.7
1749	1,774	2,431	27.8	1786	2,554	10,556	82.0
1750	1,738	2,185	25.2	1787	2,246	10,246	92.6
1751	2,347	2,865	24.4	1788	4,007	13,390	64.2
1752	2,585	2,984	23.1	1789	3,207	13,021	80.8
1753	3,065	4,063	26.6	1790	2,784	13,783	95.8
1754	3,419	4,551	26.7	1791	2,525	13,251	102.3
1755	3,404	5,043	29.6	(1792(a))	1,248	7,369	80.3)
1756	3,225	4,554	28.3	1793	7,781	31,217	80.3
1757	3,042	4,936	32.5	1794			
1758	3,176	5,427	34.1	1795	2,700	11,082	81.4
1759	1,778	3,534	39.7	1796	4,175	11,872	56.5
1760	2,470	3,538	28.6	1797	3,013	9,237	61.4
1761	1,582	3,474	43.8	1798	3,078	9,704	64.7
1762	1,362	3,357	49.3	1799	2,475	9,100	73.8
1763	857	3,485	81.3	1800	2,237	9,313	83.5
1764	569	3,918	138.0				
1765	510	3,735	146.4				

(a) This figure refers to the period from 1st October 1791 to July 31st. 1792; (death of Sir Thomas Blackett) the figures for 1793/1794 are for the period from August 1st. 1792 to Sept 30th 1794.

Lead Industry Table 2. (Cont.)

Allenheads Lead Mines: Production and costs 1729-1860.

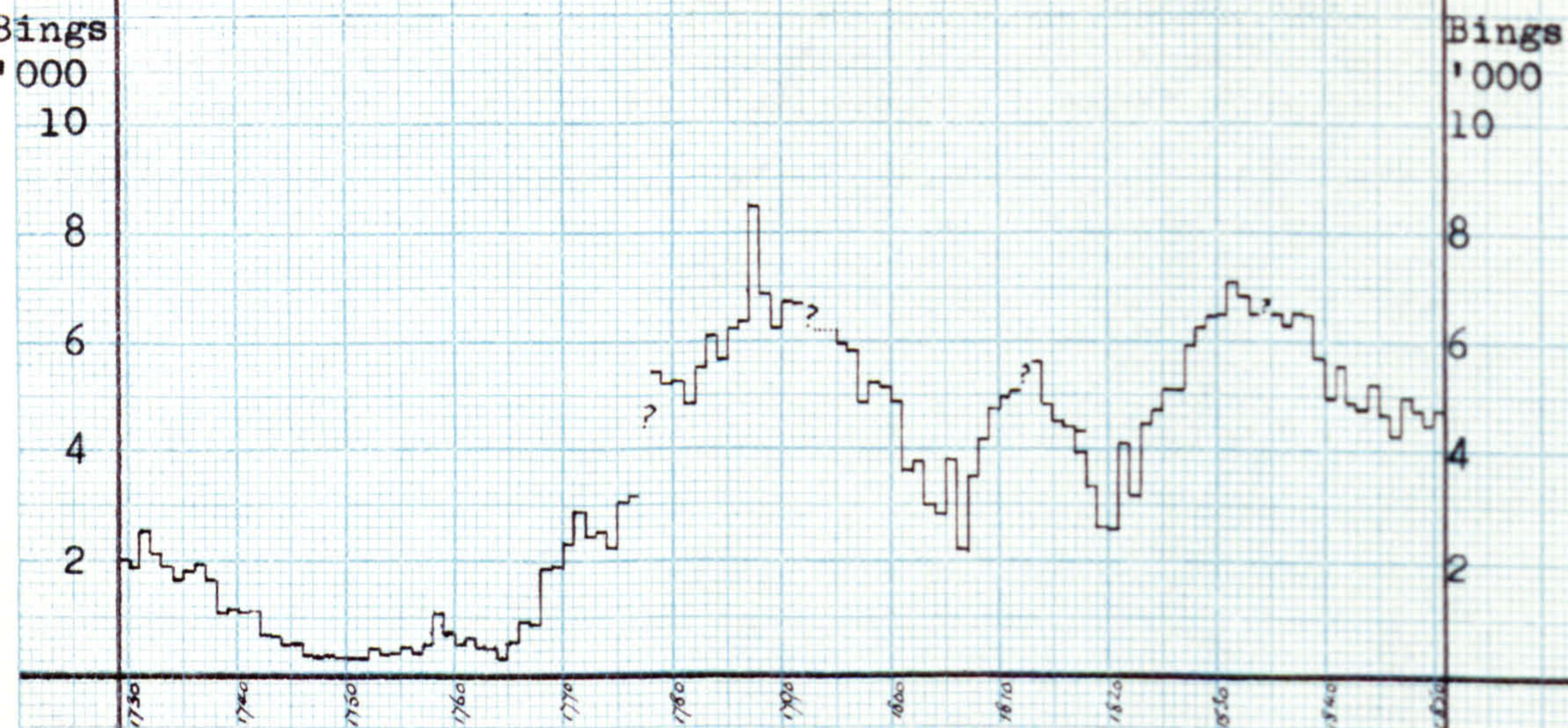
Year	Produce	Total costs	Average p.bing	Year	Produce	Total costs	Average p.bing
1801	2,593	9,269	81.2	1831(a)	9,957	17,568	35.5
1802	3,491	11,665	66.8	1831(b)	2,744		35/3 $\frac{1}{4}$ (c)
1803	2,700	12,232	97.9	1832	11,857	20,503	34/1 $\frac{1}{4}$
1804	2,769	12,092	85.7	1833	11,340	18,078	32/7
1805	2,892	11,252	76.4	1834(d)	7,856	14,715	38/3
1806	1,892	12,316	100.7	1835	10,649	19,831	38/9
1807	3,166	15,358	90.7	1836	12,764	21,768	34/8
1808	3,908	17,272	73.6	1837	11,038	22,595	41/7
1809	5,914	20,013	64.8	1838	11,333	23,225	41/6 $\frac{1}{4}$
1810	5,934	21,991	68.6	1839	9,822	23,421	48/6
1811	5,209	17,478	66.2	1840	9,946	23,214	47/6
1812	3,687	15,844	85.5	1841	10,025	24,605	49/10 $\frac{3}{4}$
1813	4,899	16,673	66.5	1842	9,370	21,870	47/5
1814	5,833	19,353	65.3	1843	9,785	22,200	45/11 $\frac{1}{2}$
1815	6,083	18,994	65.7	1844	10,468	24,258	46/10 $\frac{1}{2}$
1816(e)	5,067	17,890	69.6	1845	10,094	22,851	44/5
1817	4,764	16,396	68.8	1846	8,912	23,327	54/-
1818	4,931	19,076	77.4	1847	8,913	24,238	56/4
1819	5,031	21,176	84.2	1848	8,308	24,494	58/10
1820	5,893	21,414	72.7	1849	5,000	A change in book-keeping methods, after T.W. Beaumont's death makes it impossible to give comparable cost figures.	
1821	6,709	23,462	69.19	1850	6,366		
1822	7,235	23,915	66.2	1851	5,950		
1823	7,330	22,352	60.9	1852	7,280		
1824	7,526	23,166	61.5	1853	5,733		
1825	7,273	26,249	72.2	1854	5,560		
1826	8,330	26,447	66.5	1855	5,788		
1827	8,480	25,090	59.1	1856	6,159		
1828	9,136	25,153	55.0	1857	5,006		
1829	12,197	22,659	37.1	1858	4,446		
1830	12,586	22,071	35.1	1859	4,559		
				1860	4,742		

- (a) These figures refer to the period from Oct.1st 1830 to Aug.10th 1831.
 (b) These figures refer to the period from Aug.11th 1831 to Sept 30th.
 (c) After this date the figures for the average costs per ~~per~~ bing are those calculated by the agent and given in the form used by him.
 (d) In this year the end of the mine accounting year was changed from Sept.30th to June 30th. so that these figures cover only 9 months.
 (e) Not included in the costs of this year was an item of £1,200 for a new crushing mill at Swinhope.

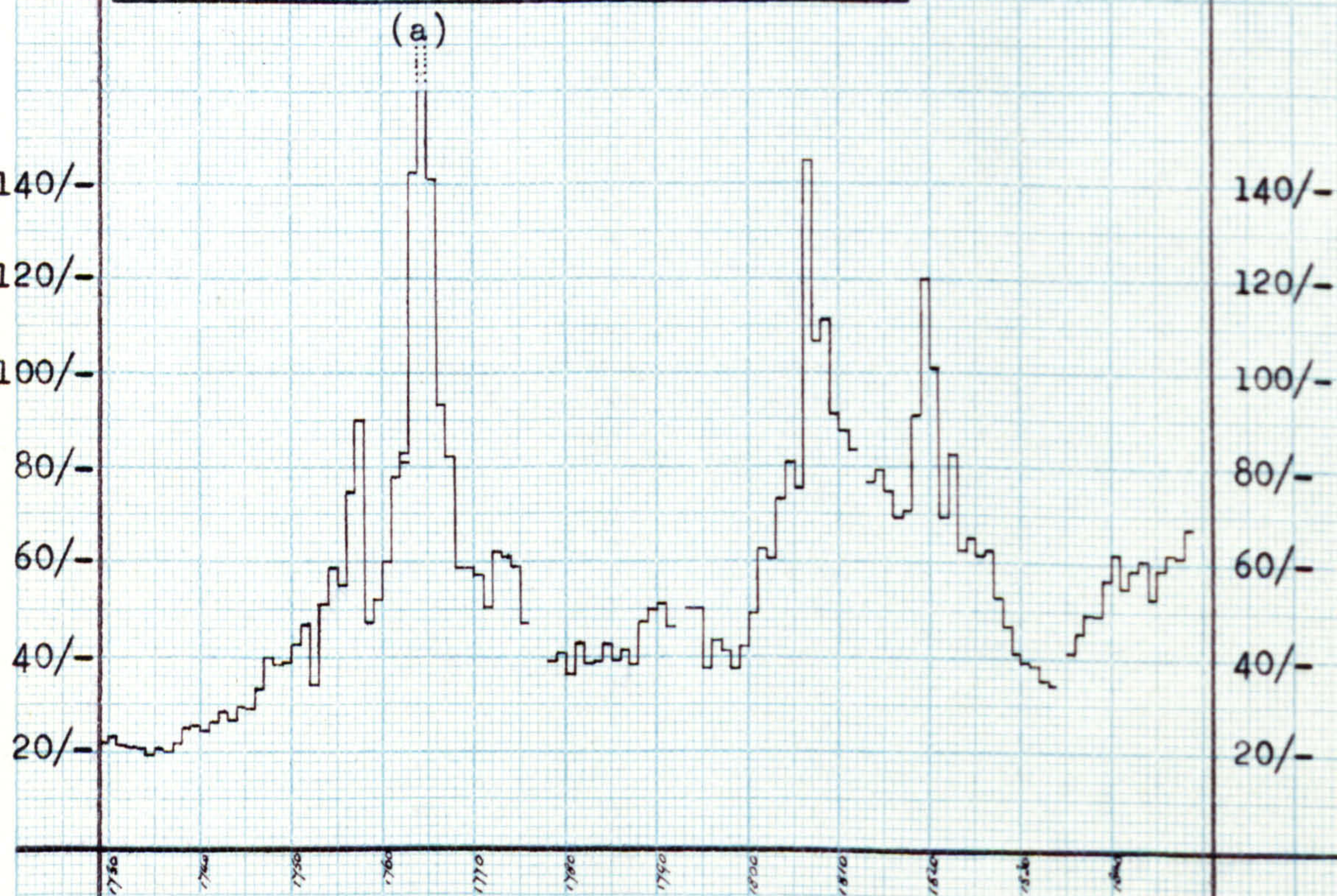
Figure 3.

COALCLEUGH LEAD MINES.

ANNUAL PRODUCTION 1729-1850.



ANNUAL AVERAGE COST PER BING 1729-1848.



(a) In 1764 the average cost per bing was 308/- .

Note: 2,000 bings equals 800 tons.

20/- per bing equals 50/- per ton.

(facing p.9)

Lead Industry Table 3.

Coalcleugh Lead Mines: Production and costs, 1729-1850.

Note:- Production figures are of clean washed ore in bings(8 cwts.), total costs in £s., and average cost per bing in shillings.

Year	Produce	Total costs	Average p.bing	Year	Produce	Total costs	Average p.bing
1729	2,022	2,242	22.0	1766	919	4,305	93.6
1730	1,915	2,220	23.6	1767	896	3,676	82.1
1731	2,575	2,814	21.8	1768	1,875	5,500	58.6
1732	2,097	2,148	21.4	1769	1,910	5,592	58.6
1733	1,908	1,996	20.9	1770	2,301	6,558	57.1
1734	1,683	1,639	19.5	1771	2,851	7,160	50.2
1735	1,829	1,864	20.3	1772	2,411	7,475	62.1
1736	1,991	1,994	20.0	1773	2,567	7,819	60.9
1737	1,628	1,802	22.2	1774	2,247	7,645	59.2
1738	1,086	1,347	24.8	1775	3,053	7,173	47.0
1739	1,151	1,476	25.6	1776	3,176	Not Known	
1740	1,065	1,302	24.4	1777			
1741	1,073	1,401	26.1	1778	5,422	10,589	39.2
1742	649	918	28.4	1779	5,203	10,602	40.8
1743	633	839	26.5	1780	5,267	9,503	36.2
1744	507	750	29.6	1781	4,836	10,358	42.9
1745	521	764	29.2	1782	5,521	10,701	38.8
1746	352	588	33.4	1783	6,103	11,920	39.0
1747	311	622	40.0	1784	5,652	12,055	42.7
1748	316	604	38.3	1785	6,246	12,399	39.6
1749	308	595	38.6	1786	6,399	13,300	41.6
1750	270	579	42.8	1787	8,474	16,196	38.2
1751	246	578	46.8	1788	6,852	16,275	47.5
1752	431	734	34.1	1789	6,237	15,594	50.0
1753	323	825	51.0	1790	6,728	17,273	51.2
1754	373	1,098	58.8	1791	6,693	15,460	46.2
1755	433	1,200	55.4	1792(a)	4,206	9,891	46.3
1756	355	1,328	74.7	1793			
1757	534	2,408	90.0	1794	12,472	31,350	50.2
1758	1,058	2,513	47.4	1795	5,959	11,881	37.9
1759	727	1,890	52.0	1796	5,812	12,522	43.7
1760	561	1,682	60.0	1797	4,849	10,113	41.7
1761	606	2,333	77.9	1798	5,226	9,963	37.8
1762	442	1,836	83.0	1799	5,188	10,937	42.1
1763	429	3,060	142.5	1800	4,887	12,020	49.4
1764	262	4,033	308.0				
1765	584	4,106	140.7				

(a) These figures cover the period from Oct 1791 to July 1792, and the following one from July 1792 to Sept 20th 1794.

Lead Industry Table 3 (cont.)

Coalcleugh Lead Mines: Production and costs 1729-1850.

Year	Produce	Total costs	Average p.bing	Year	Produce	Total costs	Average p.bing
1801	3,609	11,297	62.6	1826	5,145	16,118	62.4
1802	3,181	11,504	60.4	1827	5,945	15,773	52.8
1803	3,009	10,993	72.8	1828	6,229	14,783	46.7
1804	2,831	11,420	80.6	1829	6,470	13,838	41.0
1805	3,796	14,326	75.7	1830	6,513	12,589	39.5
1806	2,173	15,583	145.2	1831(a)	4,745	9,144	38.4
1807	3,531	18,928	106.8	1831(b)	2,350	not known	
1808	4,178	23,040	111.9	1832	6,824	12,148	35.6
1809	4,727	21,687	91.3	1833	6,513	11,327	34.6
1810	4,995	21,928	87.8	1834(c)	4,169	9,025	43.2
1811	5,073	21,178	83.8	1835	6,520	13,544	41.6
1812	not known			1836	6,304	14,374	45.5
1813	5,679	21,731	76.83	1837	6,559	16,238	49.4
1814	4,862	19,287	79.5	1838	6,494	16,104	49.6
1815	4,560	17,105	74.8	1839	5,723	16,158	56.3
1816	4,412	15,406	69.8	1840	4,984	15,415	62.0
1817	3,914	13,824	70.6	1841	5,584	15,347	55.0
1818	3,375	15,314	90.6	1842	4,840	14,183	58.6
1819	2,600	15,648	120.0	1843	4,749	14,305	60.3
1820	2,519	13,119	101.0	1844	5,208	13,988	53.5
1821	4,104	14,362	69.7	1845	4,626	13,526	58.4
1822	3,188	13,098	82.2	1846	4,263	13,181	61.8
1823	4,434	13,809	62.12	1847	4,992	15,530	61.2
1824	4,720	15,338	65.0	1848	4,754	16,053	67.4
1825	5,101	15,730	61.5	1849	4,469	not known	
				1850	4,728	not known	

(a) These figures cover the period from Oct. 1830 to Aug. 10th 1831.

(b) These figures cover the period from August 11th to Sept 30th 1831

(c) In this year the end of the mine accounting year was changed from September 30th to June 30th., so that these figures cover only 9 months.

Figure 4.

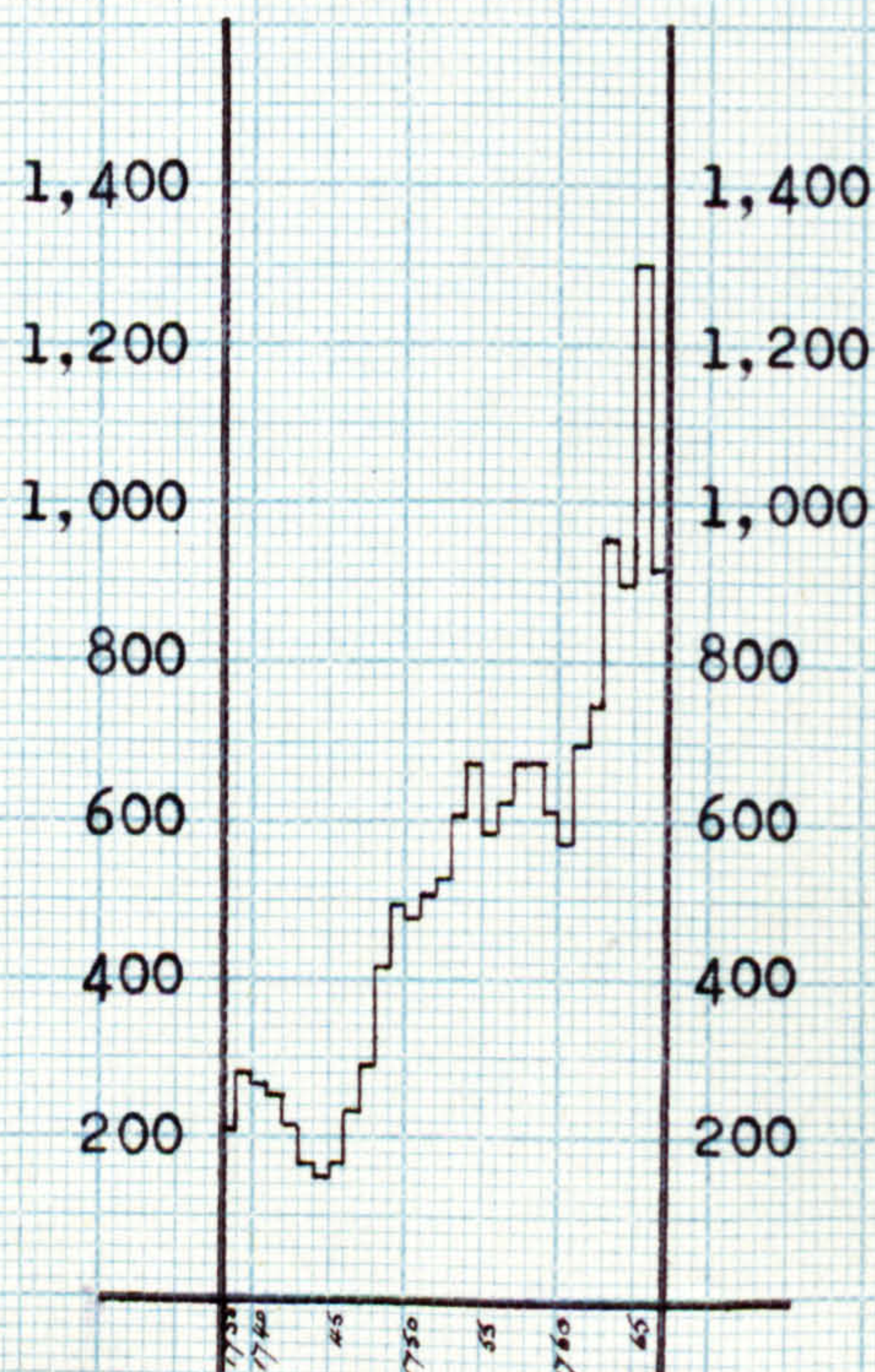
ALSTON MOOR LEAD MINES: 1739-1768.

'A' Annual production of ore.



Figure 5.

'B' Number of Pickmen employed in the Ladyday to Midsummer Quarter each year 1738-1766.



(facing p.11.)

Lead Industry Table 4.

Alston Moor Lead Mines: 1739-1768. (1)

Year (a)	Number of mines (b)	Total ore produced (c)	Price p.bing (d)	Receipt £s. (e)
1739	35	1,129		554
1740	32 $\frac{1}{2}$	2,086		996
1741	30 $\frac{1}{2}$	1,983		889
1742	29 $\frac{1}{2}$	1,738		1,263
1743	28	1,302		
1744	24	1,034		515
1745	25	1,217		1,597
1746	24	2,580		
1747	31	4,934	43/-	2,115
1748	34	5,230	45/6	2,237
1749	42	5,970 (6,213)	45/-	2,743
1750	48	5,362	45/-	2,405
1751	48	4,461	50/-	2,287
1752	48	4,252	55/-	2,319
1753	57	5,972	58/-	3,583
1754	61	5,568	65/-	3,708
1755	68	4,253	57/-	2,457
1756	75	4,426	48/-	2,187
1757	72	4,609	51/-	2,714
1758	72	5,679	47/-	2,660
1759	73	4,1847	42/-	?2,695
1760	64	5,359	42/-	?4,305
1761	64	6,503	57/-	
1762	74	?9,008	55/-	?8,637
1763	75	10,421	62/-	6,465
1764	76	12,751(12,975)	46/-	5,957
1765	?	15,044	54/-	18,265
1766	?	11,792	54/-	
1767		24,699		
1768				

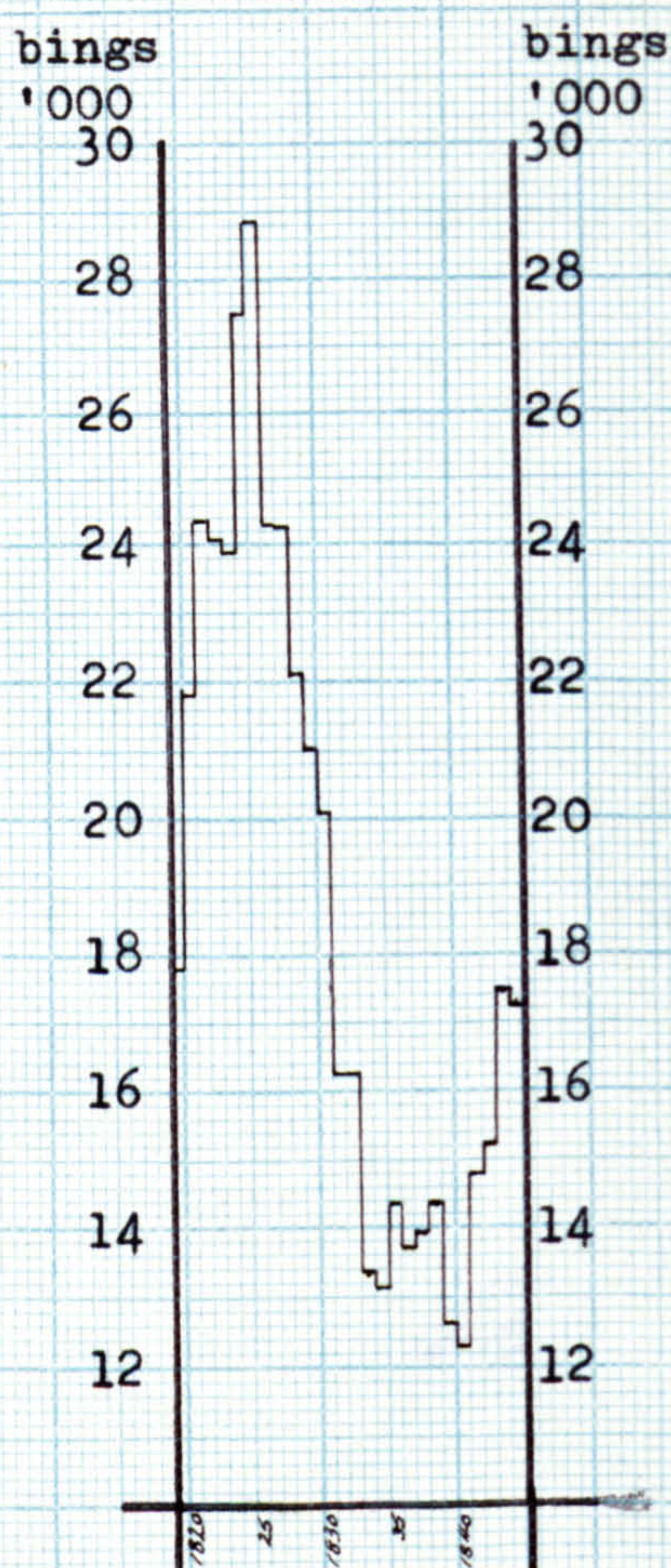
(1) Figures based on P.R.O. Adm.66/105 ff.

- (a) The Years here referred to are for the 12 months ending on Sept 30th.
 (b) The number of mines given are from the Midsummer to Michaelmas Quarter.
 (c) This includes both bouse (best quality) and cutting ore.
 (d) These prices are only for the bouse ore.
 (e) There is very considerable doubt as to the period some of these refer to.

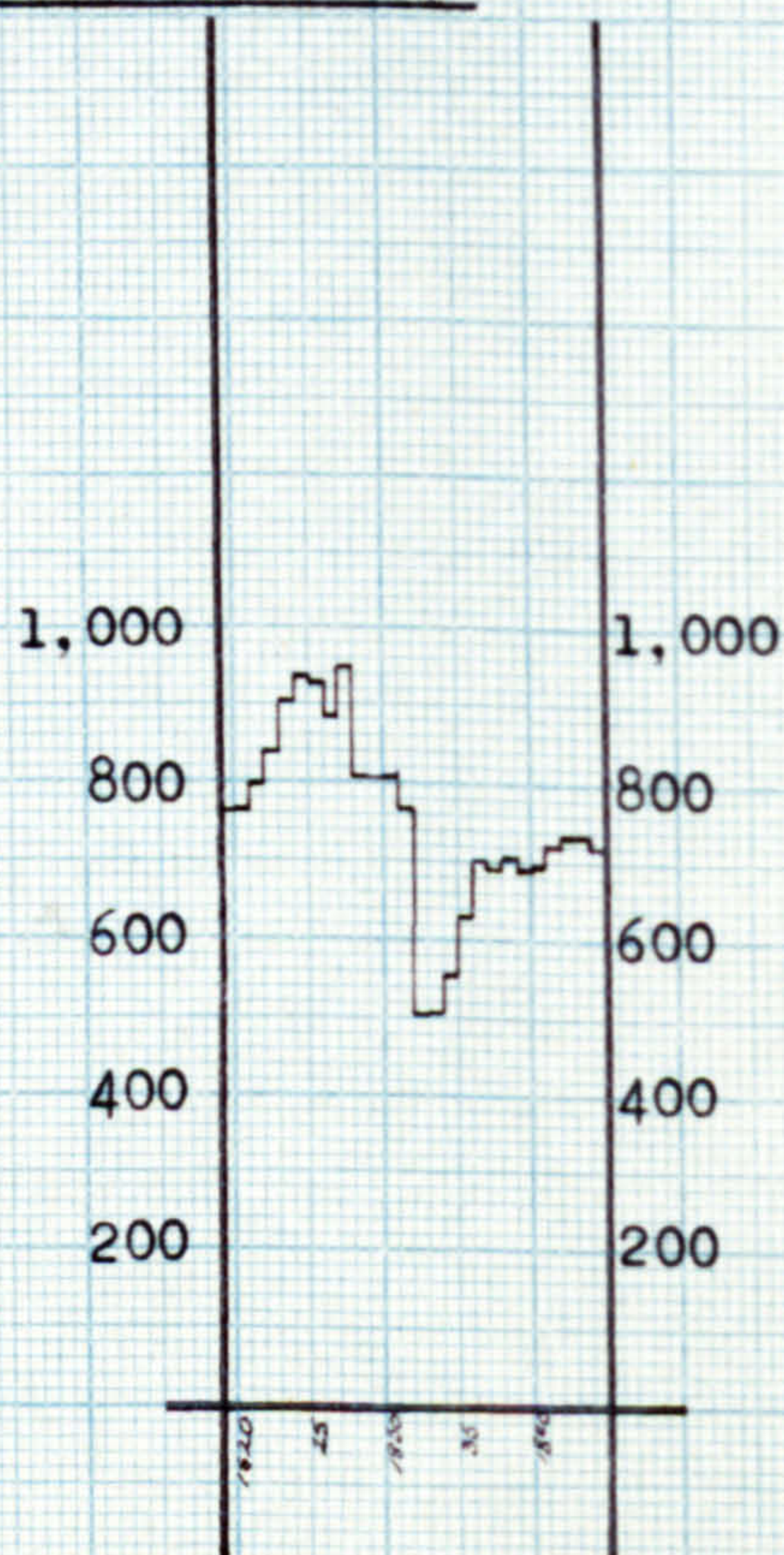
Figure 6. & 7.

ALSTON MOOR LEAD MINES: 1818-1844.

'A' Annual Production of ore.



'B'
Number of pickmen employed in the
Ladyday to Midsummer Quarter each
year 1819-1844.



(facing p.12)

Lead Industry Table 5.

Alston Moor Lead Mines: 1818-1844. (1)

Year	Total produce	Labour force Lady day to Midsummer Quarter.			Total
		Pickman	Labourers	Washers	
1818-19	17,899	766	122	366	1,254
1819-20	21,859	766	158	463	1,387
1820-21	24,378	799	121	427	1,347
1821-22	24,054	839	130	449	1,418
1822-23	23,896	906	162	488	1,556
1823-24	27,495	937	151	487	1,575
1824-25	28,834	928	140	504	1,572
1825-26	24,330	885	148	489	1,522
1826-27	24,270	949	160	454	1,563
1827-28	22,100	903	111	448	1,462
1828-29	21,030	902	175	480	1,557
1829-30	20,082	903	144	452	1,499
1830-31(2)	16,273	769	129	384	1,282
1831-32	16,273	502	101	262	865
1832-33	13,383	503	92	259	854
1833-34	13,156	558	83	219	860
1834-35	14,380	630	115	280	1,045
1835-36	13,771	704	104	300	1,108
1836-37	13,956	692	110	329	1,131
1837-38	14,422	704	122	311	1,137
1838-39	12,637	699	109	320	1,128
1839-40	12,309	696	111	300	1,127
1840-41	14,800	722	119	357	1,198
1841-42	15,039	736	103	359	1,198
1842-43	17,509	736	112	358	1,206
1843-44	17,251	719	102	327	1,148

(1) Based on figures in P.R.O. Adm. 79/56. The period covered by each year is from Michaelmas to Michaelmas, and therefore the labour force figures in the year 1818-19 are for the Ladyday to Midsummer quarter 1819.

(2) The figures of production for the two years 1830-31 and 1831-32 are identical and there is no means of knowing whether this is an error or the average for the two years.

N.B. Pickmen were the skilled miners who extracted the ore.

Labourers were not only the unskilled but also those engaged in non ore getting work underground.

Washers were those responsible for removing the dirt etc. from the ore.

LEAD INDUSTRY: Table 6.Alston Moor Lead Mines: Persons employed each quarter 1738-1767.

N.B. The quarters are numbered thus:- 1. Christmas (of year previous) to Ladyday
 2. Ladyday to Midsummer
 3. Midsummer to Michaelmas
 4. Michaelmas to Christmas.

Period		Pick	Lab.	Wash.	Total	Period		Pick	lab.	Wash.	Total
1738	2	207	34	40	281	1748	1	3337	70	38	445
	3	218	34	45	297		2	318	58	51	427
	4.	228	47	30	305		3	414	104	78	596
1739	1	243	46	26	315		4	430	102	73	605
	2	279	73	64	416	1749	1	493	93	61	647
	3	248	49	51	348		2	495	102	79	676
	4	271	37	42	350		3	487	96	85	668
1740	1	275	29	4	308		4	484	98	68	650
	2	268	31	61	360	1750	1	497	85	58	640
	3	256	33	65	354		2	478	83	65	646
	4	273	39	61	373		3	470	88	71	629
1741	1	275	40	19	334		4	476	102	56	634
	2	256	35	49	340	1751	1	473	97	66	636
	3	251	34	62	345		2	507	94	79	680
	4	260	42	45	357		3	451	89	90	630
1742	1	239	40	26	305		4	466	107	35	608
	2	217	41	36	294	1752	1	500	116	60	666
	3	211	39	46	296		2	526	116	63	705
	4	243	34	32	309		3	552	103	53	708
1743	1	218	24	18	260		4	490	120	60	670
	2	167	20	42	229	1753	1	622	128	69	809
	3	176	41	44	261		2	606	119	78	803
	4	176	34	37	247		3	635	133	90	858
1744	1	172	30	24	226		4	660	130	76	866
	2	150	22	33	205	1754	1	no return available			
	3	132	20	28	180		2	671	126	78	875
	4	135	24	28	187		3	665	126	76	867
1745	1	130	10	16	156		4	686	133	37	856
	2	169	26	20	215	1755	1	630	122	52	804
	3	193	36	38	267		2	585	120	58	763
	4	206	36	33	275		3	568	120	60	748
1746	1	219	54	25	298		4	639	123	62	824
	2	235	60	57	352	1756	1	653	108	68	829
	3	245	57	53	355		2	624	123	80	827
	4	271	73	52	355		3	643	134	79	856
1747	1	280	75	40	395		4	654	122	76	852
	2	290	55	66	411	1757	1	645	118	64	827
	3	302	68	74	444		2	670	118	101	889
	4	319	60	44	423		3	697	120	104	918
							4	746	136	104	986

LEAD INDUSTRY: Table 6.(cont.)

Alston Moor Lead Mines: Persons employed each Quarter 1738-1767.

N.B. The quarters are numbered thus:- 1. Christmas (of year previous) to Ladyday
2. Ladyday to Midsummer
3. Midsummer to Michaelmas
4. Michaelmas to Christmas.

Period		Pick.	lab.	Wash.	Total	Period		Pick.	lab.	Wash.	Total
1758	1	666	144	88	898	1763	1	925	118	142	1,185
	2	673	117	88	878		2	954	143	136	1,233
	3	693	120	90	903		3	893	139	186	1,218
	4	647	109	110	866		4	938	143	169	1,250
1759	1	659	121	100	880	1764	1	915	165	145	1,225
	2	607	104	90	801		2	894	168	182	1,244
	3	605	106	76	787		3	898	167	191	1,256
	4	626	100	66	792		4	870	171	185	1,226
1760	1	651	94	65	810	1765	1	958	171	130	1,259
	2	573	88	67	728		2	1,301	151	209	1,661 (a)
	3	584	85	62	731		3	879	178	222	1,279
	4	653	100	98	851		4	887	183	222	1,292
1761	1	6693	110	96	899	1766	1	857	237	216	1,310
	2	698	114	100	912		2	914	210	257	1,381
	3	707	99	93	899		3	962	215	275	1,452
	4	783	124	118	1,025		4	1,013	234	260	1,487
1762	1	830	128	132	1,090	1767	1	1,076	264	264	1,604
	2	744	124	93	961						
	3	848	124	152	1,094						
	4	820	130	156	1,106						

Notes:- Pickmen-the skilled getters of ore
Labourers - the unskilled workers
Washers -those responsible for removing dirt etc. from the ore.

(a) I have doubts as to the truth of this quarter's figures for pickmen, as they are so different from either their predecessors or successors. It may well be that the figure 1,301 was the total which would result in a figure of 941 pickmen which would be more consistent.

(Based on returns contained in letters: P.R.O. Adm. 66/105 to 66/111.)

LEAD INDUSTRY: Table 7.Alston Moor Lead Mines: Persons employed each Quarter 1818-1844.

N.B. The Quarters are numbered thus:- 1. Christmas (of year previous) to Ladyday
 2. Ladyday to Midsummer
 3. Midsummer to Michaelmas
 4. Michaelmas to Christmas.

Period	Picks	Lab.	Wash	Total	Period	Picks	Lab	Wash	Total
1818 4	673	118	183	974	1828 4	917	113	438	1,468
1819 1	730	126	152	1,008	1829 1	946	135	127	1,208
2	766	122	366	1,254	2	902	175	480	1,557
3	758	111	370	1,239	3	893	173	495	1,561
4	768	123	191	1,082	4	899	160	467	1,526
1820 1	784	144	262	1,191	1830 1	934	153	206	1,293
2	766	158	463	1,387	2	903	144	452	1,499
3	717	137	429	1,283	3	749	148	445	1,342
4	749	143	164	1,056	4	752	140	417	1,309
1821 1	814	132	307	1,253	1831 1	799	143	178	1,120
2	799	121	427	1,347	2	769	129	384	1,282
3	801	123	436	1,360	3	656	109	367	1,132
4	824	125	394	1,343	4	638	107	351	1,096
1822 1	858	135	186	1,179	1832 1	620	105	128	853
2	839	139	449	1,418	2	502	101	262	865
3	813	156	450	1,419	3	491	100	278	869
4	859	137	383	1,415	4	497	93	287	877
1823 1	919	125	117	1,161	1833 1	526	93	86(?)	706
2	906	162	488	1,556	2	503	92	259	854
3	902	155	520	1,577	3	503	777	283	863
4	906	164	399	1,469	4	534	84	259	877
1824 1	956	137	326	1,419	1834 1	580	98	100	778
2	937	151	487	1,575	2	558	83	219	860
3	899	159	512	1,570	3	545	99	247	891
4	908	137	413	1,458	4	554	100	238	892
1825 1	928	133	314	1,375	1835 1	576	100	140	816
2	928	140	504	1,572	2	630	115	280	1,045
3	917	121	540	1,578	3	643	110	287	1,040
4	933	123	517	1,573	4	645	120	297	1,062
1826 1	901	128	231	1,260	1836 1	702	120	153	975
2	885	148	489	1,522	2	704	104	300	1,108
3	924	136	502	1,562	3	698	109	304	1,111
4	910	132	361	1,403	4	708	110	307	1,125
1827 1	916	164	217	1,297	1837 1	726	119	165	1,010
2	949	160	454	1,563	2	692	110	329	1,131
3	964	123	472	1,559	3	666	106	335	1,107
4	949	109	420	1,478	4	681	106	335	1,122
1828 1	952	120	118	1,190	1838 1	739	124	64	927
2	903	111	448	1,462	2	704	122	311	1,137
3	878	108	441	1,427	3	702	115	308	1,125
					4	700	114	320	1,134

LEAD INDUSTRY: Table 7 (cont.).

Alston Moor Lead Mines: Persons employed each Quarter 1818-1844.

N.B. The Quarters are numbered thus:-
 1. Christmas (of year previous) to Ladyday
 2. Ladyday to Midsummer
 3. Midsummer to Michaelmas
 4. Michaelmas to Christmas.

Period	Picks	Lab.	Wash	Total	Period	Picks	Lab.	Wash	Total
1839 1	724	135	70	929	1842 1	773	117	160	1,050
2	699	109	320	1,128	2	736	103	359	1,198
3	670	111	319	1,100	3	740	101	372	1,213
4	686	109	299	1,094	4	732	105	396	1,233
1840 1	722	130	75	927	1843 1	772	121	137	1,030
2	696	111	320	1,127	2	736	112	358	1,206
3	704	119	325	1,148	3	702	114	320	1,136
4	690	111	350	1,151	4	734	107	334	1,175
1841 1	712	130	158	1,000	1844 1	728	112	69	909
2	722	119	357	1,198	2	719	102	327	1,148
3	738	108	389	1,235	3	727	106	327	1,160
4	742	99	360	1,201	4	736	104	326	1,166

Note:- Picks - Pickmen (The skilled miners who extracted the ore.)
 Lab.- Labourers (Unskilled labourers.)
 Washers (Those responsible for removing dirt etc. from the ore.)

(Based on figures contained in P.R.O. Adm. 79/56.)

LEAD INDUSTRY: Table 8. 'A'

Alston Moor Lead Mines: List of Lessees Michaelmas to Christmas 1830.

Names of Lessees	Number of Mines		Labour employed			Total
			Pickmen	Labourers	Washers	
Governor & Co.	45		340	58	184	582
Brownley Hill Co.	10		50	10	-	60
Grassfield Co.	7		22	5	-	27
Hudgill Burn Co.	6		90	20	94	204
John Brumell	4		16	7	11	34
John & Jacob Walton	2		14	6	10	30
Alex. Whaley & Shaw	'Waiting'	\$				
Thos Shaw	2		6	-	-	6
Hudson & Shaw	1	\$	4	-	4	8
Greenwell & Robinson	1	\$	4	-	-	4
Errington	1	\$	4	-	-	4
Little & Vibond	1		2	-	1	3
Cain & Walton	2	\$	4	-	-	4
Wm. Armstrong	1		36	4	30	70
John Nicholson	1	\$	2	-	2	4
Routledge & Milburn	1	\$	4	1	-	5
Sanders & Dryden	1	\$	4	-	-	4
Scott & Baxter	1	\$	2	-	1	3
Fullton & Temperley	1	\$	4	-	-	4
Cattan & Walton	1	?	2	-	-	2
Teasdale & Roddam	2(1 closed)	?	2	-	-1	3
Holmes & Shield	1	\$	4	-	-	4
Bowman & Summersett	2	\$	36	5	26	67
Brownrigg	1	\$	4	-	-	4
Dowson & Cowper	2	\$	4	2	4	10
Hutchinson	1	\$	24	3	10	37
Walton & Cattan	?	?	2	-	-	2
Wilson & Holmes	?	\$	2	-	-	2
Pearson & Greenwell	?	\$	2	-	-	2
Price & Teasdale	?	\$	4	2	4	10
Pearson & Slack	?	\$	12	2	10	24
Cram & Hall	?	\$	2	-	-	2
Pearson & Vickers	?	\$	2	-	-	2
Richardson	?	\$	4	-	2	6
John & Jacob Wilson	?		38	14	24	76
Totals			752	140	417	1,309

N.B. Those marked \$ have apparently ceased to exist by 1844(see Table 8 'B').

(Based on P.R.O. Adm.79/57.)

LEAD INDUSTRY: Table 8 'B'.

Alston Moor Lead Mines: List of Lessees Michaelmas to Christmas
1844.

Names of Lessees.	Labour employed			Total.
	Pickmen	Labourers	Washers	
Governor & Co.	260	60	144	564
Brownley Hill Co.	34	2	20	56
Grassfield Co.	16	2	6	24
Hudgill	28	4	30	62
Blagill	26	2	18	46
John Brumell & Co.	16	3	8	27
Dowgang Co.	32	4	10	46
Thos. Shaw & J.C. Jobling Esq.	42	5	15	62
Thos. Shaw	6	-	2	8
Thos Shaw & Thos. Shaw jun.	8	2	2	12
Thos Penman & John Middleton	22	2	14	38
Wm. Armstrong	20	2	10	32
Holyfield Co.	6	2	3	11
Jacob Wilson & Isaac Walton	8	-	-	8
Josh. Walton & Joseph Catton	2	-	-	2
Robt. Walton & Jos. Catton	4	2	-	6
Isaac Vibond & John Teasdale	6	-	-	6
Jacob & Robt. Walton	2	-	4	6
John & Joe Millican	4	-	-	4
Thos & Jacob Wilson	90	10	38	138
John Pain & John Little	4	2	2	8

N.B. The totals of the above list do not agree with those given in the Quarterly returns (table 7.).

(Based on P.R.O. Adm.79/57.)

The remaining tables in this section on the lead industry are concerned with the processing and selling side. The first two (pp. 20-23) give details transcribed from the Blakett/Beaumont ledgers of the stock on hand on January 1st., the quantity of ore received and the number of pieces smelted, together with the cost. Two points need to be made - firstly that there is some doubt as to the weight of the pieces so that I did not feel that one could convert the number of pieces smelted into a weight; and secondly it should be remembered that the 'charge' included carriage costs both to and from the mill.

The next three tables in which the quantity of silver extracted annually at Blaydon, and the price movements of both silver and lead are given are self explanatory. The only point worth noting is that the par value of sterling silver of $5\frac{1}{2}$ per fine ounce was equivalent to approx. $5\frac{1}{7}$ per fine ounce.

Tables 14 and 15 give the figures for the annual lead sales of Greenwich Hospital and the Blakett/Beaumonts from 1769 to 1828 and 1729 to 1828 respectively. With the exception of the conversion of fodders into tons (21cwts to one fodder) and the average price per ton which were calculated nothing more than transcriptions from ledgers has been attempted.

The last two tables in this section give the annual income from their interests lead ~~interests~~ of the two concerns exactly as found in the ledgers. In the case of Greenwich it must be remembered that in these figures no account is taken, apparently, of changes in the value of the stock on hand; for the Blakett/Beaumonts on the other hand both trading income and expenditure irrespective of such changes and a corrected series of figures are given.

LEAD INDUSTRY: Table 9.

(Blackett-Beaumont)

Dukesfield Lead Mill 1729-1799. (See Notes p.19)

Year	Stock Jan.1st.		Ore	Nett	Pieces Smelted	Charge
	blings	pieces	Value	rec'd	11st. 8st. waste	
1729	288	3,683	£5,144	2,857	2,725 7,659 ? ?	£1,103
1730	420	2,310	3,284	2,655	2,368 8,218	1,231
1731	706 ¹ / ₂	1,616	3,216	4,058	3,005 10,112	1,644
1732	1,760	544	4,767	3,326	3,566 11,789	1,559
1733	1,520	272	3,986	4,277	3,797 11,909	1,796
1734	2,000	nil	4,540	3,908	4,508 14,600	1,748
1735	1,400	2,368	5,068	4,330	4,737 15,841	1,816
1736	1,993	798	2,954	5,921	4,267 12,747	2,016
1737	2,647	498	6,297	3,511	4,158 13,879	1,660
1738	2,000	1,370	5,332	2,501	3,501 11,302	1,255
1739	1,000	2,392	4,009	2,161	2,795 8,654	1,166
1740	366	1,738	2,118	1,687	1,933 7,799	945
1741	120	965	986	2,651	2,595 8,520	1,178
1742	176	3,441	2,906	1,769	1,925 6,689	896
1743	20	1,692	1,149	1,759	1,695 6,150	826
1744	84	3,426	2,995	1,432	1,436 5,152	772
1745	80	951	?	1,221	1,211 4,449	622
1746	90	2,069	?	1,103	1,169 4,763	690
1747	24	452	?	1,603	1,551 5,127	647
1748	176	1,956	?	1,822	1,682 6,244	821
1749	316	2,329	?	1,716	1,994 6,839	745
1750	38	2,489	?	1,807	1,809 6,599	843
1751	36	2,119	?	2,191	2,097 7,003	962
1752	130	2,816	?	2,603	2,055 7,460	1,014
1753	678	2,141	?	2,086	2,553 9,200	923
1754	211	1,800	?	3,040	2,213 7,637	1,214
1755	1,038	1,909	?	3,483	3,053 10,139	1,368
1756	1,468	2,425	?	2,812	2,642 8,821	1,200
1757	1,738	5,684	?	2,790	3,114 10,182	1,468
1758	1,414	1,153	?	3,433	3,474 11,712	1,424
1759	1,373	3,087	?	2,485	3,531 11,611	1,144
1760	327	12,785	?	3,815	2,186 8,505	1,509
1761	1,956	11,011	?	2,101	3,134 11,919	1,328
1762	923	13,980	?	2,038	2,735 10,292	1,048
1763	226	21,372	?	2,292	1,060 ? 6,995	1,569
1764	1,458	8,178	?	1,161	2,584 ? 9,684	1,266
1765	35	3,236	?	1,745	823 ? 2,269	734
1766	957	4,379	?	2,402	2,745 8,806	1,245
1767	614	5,763	?	2,549	3,123 11,442	1,590
1768	40	5,902	?	2,787	2,747 9,357	1,598
1769	nil	7,759	?	4,408	3,592 11,816	2,404
1770	816	5,547	?	5,690	5,118 17,741	2,942

LEAD INDUSTRY: Table 9.(cont.)

(Blackett-Beaumont.)

Dukesfield Lead Mill 1729-1799. (see notes p.19.)

Year	Stock bings	Jan.1st pieces	Ore rec'd	nett bings	Pieces smelted 11st 8st.	Charge
1771	1,388	7,111	5,412	5,339	18,262	£3,143
1772	1,461	4,766	5,327	5,042	16,850	2,930
1773	1,746	5,349	3,262	4,985	17,969	2,549
1774	23	6,194	3,987	?4,010	14,261	2,296
1775	?nil	7,421	4,824	?4,824	16,200	2,632

For the period from January 1776 to August 1777 no figures are available.

Year	Bings rec'd	Smelted 11st	from wastes	Charge
1777-8	8,381	22,520	406	£3,712
1779	6,232	22,355	247	3,162
1780	6,735	23,134	90	3,332
1781	7,820	24,447	46	3,547
1782	5,295	25,818	nil	3,775
1783	8,433	21,820	79	4,427
1784	7,789	30,279	nil	4,448
1785	7,872	33,297	534	4,544
1786	11,037	31,708	356	5,439
1787	12,760	41,971	90	6,631
1788	14,990	41,696	nil	8,030
1789	9,934	45,684	nil	5,999
1790	7,196	41,057	1,018	6,159
1791	10,676	33,378	89	7,071
1792	13,020	37,480	237	7,559

Year	Stock Jan.1st. bings pieces	Ore rec'd	Pieces smelted 11st wastes	sent to Blaydon	Charge £s.
1793-4	not known	27,041	65,216 ?nil	52,558	13,751
1794	not known	17,021	49,580 826	51,543	9,423
1795	10,008 down 14,619	12,848	49,378 nil	54,187	7,909
1796	8,381 15,765	10,604	49,280 nil	63,849	8,768
1797	5,774 5,906	11,171	50,354 83	41,508	7,221
1798	1,596 18,629	11,462	30,794 600	42,817	6,733
1799	4,598 7,597	9,415	41,573 119	37,867	6,462
1800	1,527 9,751				8,115

LEAD INDUSTRY: Table 10.

(Blackett-Beaumont.)

Rookhope Lead Mill(s): 1729-1799. (See Notes p.19.)

'A' The 'Old Mill' at Rookhope.

Year	Bings rec'd	Pieces smelted	Charge £s	Year	Bings rec'd	Pieces smelted	Charge £s
1729	858	2,725	297	1735	1,618	5,155	689
1730	1,750	4,262	579	1736	1,361	2,877	759
1731	769	4,004	486	1737	636	3,896	501
1732	1,500	4,010	470	1738	51	1,800	196
1733	1,607	5,186	557	1739	nil	101	35
1734	2,061	4,629	587	1740	mill closed.		

'B' The 'New Mill' at Lintzgarth. (After 1740 called Rookhope Mill.)

Year	Stock bings	Jan.1st. pieces	Bings rec'd	Pieces smelted 11st. 8st	Waste	Charge £s.
1737	?nil	?nil	2,373	3,402	nil nil	781
1738	1,650	1,942	2,068	9,738		1,192
1739	540	2,706	1,619	7,653		911
1740	260	1,056	1,841	6,496		735
1741	200	1,758	1,972	8,664		887
1742	100	2,306	1,527	5,993		697
1743	180	3,111	1,276	5,606		690
1744	140	908	891	4,053	871	462
1745	nil	1,200	1,090	4,597	590	447
1746	91	1,798	2,313	8,385	267	812
1747	100	2,841	3,643	10,484	80	1,259
1748	900	2,763	2,780	11,165	77	1,190
1749	800	2,716	3,677	10,690	684	990
1750	1,630	9,308	2,175	10,678	320	1,361
1751	864	2,926	2,483	10,740	164	1,178
1752	670	2,765	2,202	10,564	141	1,065
1753	340	2,248	2,159	7,292	52	927
1754	719	1,978	2,473	9,351	87	1,034
1755	290	2,079	2,554	9,064	nil	1,070
1756	240	2,964	2,668	7,740	33	1,020
1757	800	2,606	4,735	12,113	13	1,337
1758	1,860	6,945	4,225	13,742	92	1,863
1759	2,010	2,494	4,989	14,147	331	1,160
1760	2,890	17,641	4,289	17,363	76	1,874
1761	2,050	17,654	3,092	14,616	517	1,915
1762	1,040	10,500	1,955	12,765	12	1,212
1763	500	12,994	4,882	12,568	91	1,263
1764	2,200	17,662	5,070	16,384	97	2,525
1765	3,000	9,850	3,479	16,954	84	2,149
1766	2,120	4,795	3,213	14,667	91	1,735
1767	560	4,309	4,307	12,318	223	1,831
1768	1,240	3,860	4,707	15,761	238	2,159
1769	1,536	6,636	4,779	18,574	172	2,805
1770	929	6,450	4,824	17,463	604	2,580

LEAD INDUSTRY: Table 10. (cont.)

(Blackett-Beaumont.)

Rookhope Lead Mill 1729-1799. (See notes p.19.)

Year	Stock Jan.1st.		blings rec'd	Pieces smelted			Charge £s.
	blings	pieces		11st	8st	waste	
1771	1,363	8,551	5,255	13,506	11,948	736	3,214
1772	884	678/6,876	4,910	14,510	4,823	555	2,457
1773	1,296	3995/4103	5,457	13,546	8,616	485	2,706
1774	1,162	3475/3635	4,885	14,143	6,095	623	2,626
1775	1,124	4455/250	4,470	13,008	9,329	nil	2,524
1776	489	5398/613	5,001	not known			
1777	No figures available for the period prior to Sir Walter Blackett's death.						

Year	Ore rec'd	Pieces smelted			Charge £s
		11st	8st	Waste (11st.)	
1777-8	6,736	8,788	13,741	2,606	2,754
1779	5,634	12,456	8,509	1,744	2,357
1780	4,810	11,553	12,600	1,345	2,945
1781	7,614	13,756	11,045	3,139	3,311
1782	5,210	13,197	16,588	112	2,725
1783	7,520	17,322	8,414	1	3,040
1784	8,250	14,355	16,662	nil	3,433
1785	7,492	16,155	11,978	1,256	3,423
1786	7,033	12,323	19,614	nil	4,010
1787	6,742	16,633	19,010	42	4,057
1788	5,520	9,790	13,618	uncertain	4,349
1789	6,655	15,943	18,138	uncertain	3,878
1790	10,509	10,847	24,721	1,439	4,929
1791	7,805	13,950	18,901	3,012	4,930
1792	7,509	15,193	16,097	uncertain	4,268
1793	No figures available for the period prior to Sir Thomas Blackett's death.				

Year	Ore	Pieces smelted			Sent to		Charge £s
		11st	8st	waste	11st	8st	
1793-4	18,632	25,033	33,050	uncertain	19,210	33,050	8,364
(1794	9,617	26,286	28,460	290	14,040	23,299	4,413
1795	8,339	16,967	14,105	729	17,116	14,105	4,887
1796	6,898	12,613	22,254	142	15,926	18,422	4,995
1797	6,657	13,191	16,103	uncertain	12,615	15,198	3,767
1798	7,123	14,593	9,824	uncertain	13,980	12,494	3,530
1799	7,555	17,011	9,871	uncertain	13,900	9,260	3,605

Stock on Hand Jan.1st

Year	blings	11st	8st	Year	blings	11st	8st
1795	3,918	5,823	nil	1798	1,349	3,808	4,737
1796	4,552	6,403	nil	1799	1,559	4,421	2,067
1797	2,403	3,232	3,832	1800	2,112	7,532	2,678

LEAD INDUSTRY: Table 11.

Blaydon Refinery: Extraction of Silver 1729-1771.

N.B. After 1775 similar figures are not readily available nor complete.

Year.	Lead Used (cwts.)	Lead Lost by extraction (cwts.)	Silver extracted (ozs.)	Profit £s.
1729	8,703	454	4,583	
1730	11,568	738	6,250	
1731	11,171	649	6,678	
1732	9,010	688	5,814	
1733	12,312	888	6,399	
1734	11,412	676	6,259	
1735	10,699	531	5,744	
1736	10,872	600	6,653 $\frac{1}{2}$	
1737	8,754	503	3,937	
1738	11,057	526	5,298 $\frac{1}{2}$	
1739	9,244	574	4,255 $\frac{1}{2}$	
1740	11,309	834	5,748 $\frac{1}{2}$	
1741	5,895	429	2,391	
1742	7,084	261	3,061 $\frac{1}{2}$	
1743	9,624	644	3,382	
1744	9,203	785	3,586 $\frac{1}{2}$	£235
1745	8,493	528	3,031	187
1746	8,419	596	3,513	303
1747	9,856	825	3,483	245
1748	9,085	698	3,545	295
1749	8,277	598	4,359 $\frac{1}{2}$	532
1750	6,720	372	2,615	535
1751	8,842	675	4,135 $\frac{1}{2}$	413
1752	8,420	685	3,828	363
1753	6,484	229	2,945	365
1754	6,533	468	3,342	343
1755	6,212	366	2,615	246
1756	5,656	336	3,192 $\frac{1}{2}$	436
1757	6,513	352	3,355	480
1758	8,951	589	4,972	875
1759	5,954	366	3,927 $\frac{1}{2}$	486
1760	8,137	526	3,969	633
1761	8,109	525	4,267 $\frac{1}{2}$	637
1762	6,187	388	3,400	434
1763	6,389	272	3,573	488
1764	5,849	329	4,747	837
1765	7,013	293	4,063	653
1766	12,337	712	6,851	1,101
1767	11,224	640	6,769	1,160
1768	9,397	573	5,514	841
1769	7,877	328	5,316	999
1770	6,481	258	4,986	1,009
1771	11,081	697	5,439	666

Lead Industry: Table 12.

Silver: Prices received per fine ounce for bullion sold
from the Blaydon refinery 1729-1828.

Year	Price range		Notes
	high	low	
1729	5/9	5/9	steady
1730	5/9½	5/9	up ½d. by May then steady
1731	5/9½	5/9½	steady
1732	5/9	5/9	fallen by February to 5/9 then steady
1733	5/9	5/9	steady
1734	5/9	5/8	falling in August and September
1735	5/8	5/7½	fall in August
1736	5/8	5/7½	fluctuating throughout the year
1737	5/10½	5/8	sharp rise till June, then steady
1738	5/9	5/9	steady
1739	5/9	5/9	steady
1740	5/10½	5/9	rising till March then back to 5/9 by May.
1741	5/11½	5/10	sharp rise in September and October
1742	5/11½	5/11	minor irregular fluctuations
1743	5/11½	5/10	lowest point Sept. otherwise no major changes.
1744	5/11	5/10½	slight rise till March
1745	5/11	5/7	spectacular fall after September
1746	5/10	5/6½	lowest point January, rise thereafter.
1747	5/10	5/9½	down to 5/9½ after March
1748	5/10½	5/9½	rising in last quarter
1749	5/10	5/9	falling March to June steady otherwise
1750	5/9½	5/9½	steady
1751	5/10½	5/9½	rising between June and September
1752	5/11	5/10	rising after June to 5/11
1753	5/11	5/11	steady
1754	5/11	5/10½	steady @ 5/10½ after March
1755	5/9½	5/8½	falling till March, then recover to 5/9
1756	5/9	5/6½	continuous fall throughout the year
1757	5/9	5/6½	rising particularly after September
1758	6/-	5/9½	rising till June then steady @ 6/-
1759	6/-	5/11	fall in July then steady //steep rise after
1760	6/0½	5/10½	fall to March, steady then at 5/10½ till Sept.,
1761	6/2	5/11½	rising till March then steady
1762	6/1	5/9½	falling till September, recovering thereafter.
1763	5/11	5/10	slow fall during first nine months.
1764	5/8½	5/8½	steady
1765	5/10	5/8½	rising gradually throughout the year
1766	5/11½	5/10½	rising till June then steady @ 5/11½
1767	5/11½	5/11	only minor irregular variations
1768	6/-	5/10½	unsteady upward movement throughout the year
1769	6/-	5/11½	steady @ 5/11½ till December
1770	6/-	5/11½	steady @ 6/- till November

Lead Industry: Table 12 (cont).

Silver: Prices per fine ounce 1729-1828.

Year	Price range		Notes
	high	low	
1771	6/0 $\frac{1}{2}$	5/11 $\frac{1}{2}$	gradual rise the first nine months.
1772	6/1	5/10 $\frac{1}{2}$	rising till June then falling
1773	5/10 $\frac{1}{2}$	5/8	falling throughout the year
1774	5/8	5/8	steady
1775	5/9	5/8	up to 5/9 by February steady thereafter
1776	5/11	5/10	steady @ 5/10 till November
(1777	6/1	5/10	sharp rise till June. No figures after.
1778	5/10 $\frac{1}{2}$	5/7	sharp fall after July
1779	5/8	5/7	steady @ 5/7 till October then @ 5/8
1780	5/10 $\frac{1}{2}$	5/7 $\frac{1}{2}$	gradual rise throughout the year
1781	6/2 $\frac{1}{2}$	5/10 $\frac{1}{4}$	continuous rise throughout
1782	6/5 $\frac{1}{4}$	6/2	Rising till highest point in November
1783	6/4	5/10 $\frac{1}{2}$	Sharp fall after June
1784	5/10 $\frac{1}{2}$	5/7 $\frac{3}{4}$	Irregular fall throughout
1785	5/8	5/6	falling till May then recovery
1786	5/9	5/8 $\frac{1}{2}$	minor irregular variations
1787	5/8 $\frac{3}{4}$	5/8 $\frac{1}{4}$	ditto
1788	5/8 $\frac{1}{4}$	5/8 $\frac{1}{2}$	ditto
1789	5/8 $\frac{1}{2}$	5/7 $\frac{1}{4}$	falling after July
1790	5/8	5/7 $\frac{1}{4}$	rising slowly throughout
1791	5/8 $\frac{1}{2}$	5/7 $\frac{1}{2}$	minor variations
1792	5/9 $\frac{3}{4}$	5/8 $\frac{1}{4}$	slow rise till May then steady @ 5/9 $\frac{1}{2}$
1793	5/9 $\frac{1}{4}$	5/5	falling steeply between end of January and May
1794	5/6 $\frac{3}{4}$	5/5 $\frac{1}{2}$	minor variations
1795	5/10	5/5 $\frac{1}{2}$	sharp rise after June
1796	5/10	5/9	minor variations
1797	6/-	5/5	See details on p.27.
1798	5/6 $\frac{1}{2}$	5/5	slight rise after July
1799	6/1	5/7 $\frac{1}{2}$	steady rise throughout
1800	6/4	6/-	rising to peak in May then falling slightly
1801	6/6	6/4 $\frac{1}{2}$	Rising till June then falling very slightly
1802	6/5	6/-	continuous fall
1803	6/2	6/-	Rise after October
1804	6/2 $\frac{1}{2}$	5/10	lowest point in June: up to 6/0 $\frac{1}{2}$ by August
1805	6/4	5/10	falling till May then recovery
1806	6/2	6/-	falling till June then recovery
1807	6/2	6/-	falling till June then recovery
1808	6/2	5/11	falling till May then recovery
1809	6/3	6/1	Rising till November then slight decline
1810	6/4	6/2	Rising after July
1811	6/8	6/2	Violent fluctuations till June then steady rise
1812	7/2	6/8	continuous rise throughout the year
1813	7/4	7/1	rising gradually
1814	For the years 1814-15-16 see details on p.27.		
1815			

Lead Industry: Table 12 cont.

Silver: Prices per fine ounce 1729-1828.

Year	Price range		Notes
	high	low	
1817	5/9	5/5	Sharp rise from 5/6½ to 5/9 in May then steady
1818	6/-	5/9½	rising till October then falling
1819	6/-	5/6½	falling particularly in May steady after June
1820	5/6½	5/4½	slowly falling till August then steady
1821	5/4½	5/3	Lowest point May/July recovery thereafter.
1822	5/4	5/3½	minor variations
1823	5/4	5/3½	ditto
1824	5/4	5/3½	ditto
1825	5/5	5/4	irregular movement between limits
1826	5/5½ 3¾	5/3½	minor irregular variations
1827	5/4½	5/3½	rising till August then decline to Jan figure
1828	5/4½	5/4½	minor irregularities.

Details of changes in 1797:and 1814-15-16.

1797		1814		1815		1816	
date	price	date	price	date	price	date	price
(dec '96)	5/10	Feb.	7/5	Feb	6/4	Feb.	5/10½
Feb 21st	5/10	Apr.	7/4	Mar	7/6	April	5/8
Mar.16th	6/-	May	7/2	April	7/2½	May	5/7
Apr.1st	5/11½	June	6/6	June	6/10	June	5/6
May 16th	5/7½	July	6/4	Aug.	6/3½	Aug.	5/5
May 23rd	5/7½	Aug.	6/1	Sept.	6/1	Oct.	5/4½
Jun 27th	5/6½	Nov.	6/4	Nov.	6/0½	(Jan '17)	5/5
July	ditto			Dec.	5/10½		
August	ditto			Dec.	5/9½		
Sept 12th	5/5½						
Sept 26th	5/4½						
Nov. 7th	5/5½						
Nov. 13th	5/5½						
Dec.26th	5/5						

LEAD INDUSTRY: Table 13.

Lead: Price per fodder for lead sold from Blaydon 1729-1828.

N.B. The fodder is 21cwts. Prior to 1817 it is not made clear if the price given refers to refined or common lead, thereafter the figures given refer to refined lead which sold at approx. £1 more than common. Throughout the figures only refer to large quantities of lead sold to merchants who before 1817 were obliged to take a proportion of both types of lead at a common price. The figures are given in £s and fractions as in the ledgers.

Year	Prices (£s)		Notes.
	Highest	Lowest	
1729	16	15 $\frac{1}{2}$	Falling after March
1730	15 $\frac{3}{8}$	14 $\frac{1}{8}$	Falling from July
1731	14 $\frac{1}{4}$	13 $\frac{3}{8}$	falling throughout the year
1732	14	13 $\frac{1}{2}$	irregular in first quarter, rising slightly after May
1733	14	13 $\frac{1}{4}$	falling from July to Oct.
1734	13 $\frac{1}{8}$	12	falling uniformly till Nov. , then rising
1735	13 $\frac{1}{2}$	12 $\frac{7}{8}$	irregular minor changes till Sept., then falling
1736	14	13	slowly rising till June, then falling more quickly
1737	13 $\frac{3}{8}$	13	minor irregular changes
1738	13 $\frac{1}{4}$	12 $\frac{7}{8}$	rising May-August, steady both before and after
1739	12 $\frac{7}{8}$	12 $\frac{1}{2}$	slight fall till Aug./Sept. then rising
1740	13 $\frac{1}{8}$	12 $\frac{3}{4}$	irregular minor changes
1741	13 $\frac{1}{4}$	13	ditto
1742	12 $\frac{3}{4}$	11	sharp fall Jan. to March. No large sales thereafter
1743	11 $\frac{7}{8}$	10 $\frac{1}{2}$	falling till Aug. then slight rise.
1744	12	10 $\frac{1}{2}$	fall in early Summer rising thereafter
1745	11 $\frac{3}{4}$	11	irregular changes throughout the year
1746	11 $\frac{3}{4}$	11	ditto
1747	11 $\frac{7}{8}$	11 $\frac{3}{8}$	ditto
1748	12 $\frac{1}{8}$	11 $\frac{1}{4}$	slight rise March to Sept. Steady before and after
1749	12	11 $\frac{3}{4}$	minor fluctuations
1750	12	11 $\frac{7}{8}$	ditto
1751	12 $\frac{3}{4}$	12	slowly rising throughout the year
1752	14 $\frac{3}{8}$	12 $\frac{3}{4}$	rising steadily throughout the year
1753	16 $\frac{1}{4}$	14 $\frac{1}{4}$	ditto
1754	18	16 $\frac{3}{8}$	ditto
1755	18	15 $\frac{3}{4}$	steady fall till Aug (17 $\frac{1}{4}$), sharp fall thereafter
1756	15 $\frac{3}{8}$	14 $\frac{1}{4}$	falling throughout the year
1757	15 $\frac{1}{4}$	14 $\frac{1}{4}$	rise during third quarter
1758	15 $\frac{1}{2}$	13 $\frac{1}{2}$	falling particularly in second half of the year
1759	13 $\frac{1}{4}$	11	continuous fall throughout the year
1760	12 $\frac{3}{8}$	11	rising till March, minor changes thereafter
1761	14	12 $\frac{1}{4}$	rising till April, minor changes thereafter
1762	14 $\frac{1}{4}$	13 $\frac{5}{8}$	falling Mar.-June, rising Oct.-Dec.
1763	15 $\frac{3}{4}$	14 $\frac{7}{8}$	rising till June then steady @ c.15
1764	14 $\frac{1}{2}$	13 $\frac{1}{2}$	sharp fall Aug/Sept.; otherwise steady c.14 $\frac{1}{4}$
1765	15 $\frac{1}{4}$	13 $\frac{1}{2}$	rising particularly after June
1766	15 $\frac{1}{4}$	14 $\frac{7}{8}$	minor irregular changes
1767	15 $\frac{1}{4}$	14 $\frac{3}{4}$	ditto

LEAD INDUSTRY: Table 13 (cont.)

Lead: Prices per fodder for lead sold from Blaydon 1729-1828.

N.B. See notes at head of table.

Year	Prices (£s.)		Notes
	Highest	Lowest	
1768	15 $\frac{1}{8}$	14 $\frac{1}{2}$	falling very slowly throughout the year
1769	14 $\frac{3}{8}$	14	ditto
1770	14 $\frac{1}{4}$	14	minor irregular changes.
1771	17	14	sudden unstained rise June to September
1772	15	13 $\frac{3}{4}$	gradual fall throughout the year
1773	13 $\frac{1}{8}$	12 $\frac{7}{8}$	falling till Oct. then slight rise
1774	13 $\frac{3}{4}$	12 $\frac{3}{4}$	slight upward movement June/Aug, increase maintained
1775	14	13 $\frac{3}{4}$	minor changes though marginally rising
1776	14	13 $\frac{1}{4}$	falling slowly throughout the year
1777	13 $\frac{3}{4}$	13 $\frac{3}{8}$	falling slightly after June
(1778	13 $\frac{3}{8}$	13	Uncertainty: no large sales following Sir Walter's death
1779	13 $\frac{1}{8}$	12 $\frac{1}{4}$	falling throughout the year
1780	14	11 $\frac{3}{4}$	fell from 12 $\frac{1}{4}$ to 11 $\frac{3}{4}$ by June, thereafter rising quickly
1781	15 $\frac{3}{4}$	?13	except for one sale at 13 all the rest indicate a rise
1782	18	16	continuously rising
1783	19 $\frac{3}{4}$	17 $\frac{1}{4}$	rising till June (19 $\frac{3}{4}$) slight fall Sept (19 $\frac{1}{4}$) then fall
1784	17 $\frac{3}{4}$	16 $\frac{5}{8}$	gradual fall throughout the year
1785	16 $\frac{5}{8}$	15 $\frac{5}{8}$	falling till Mar., then steady c.16
1786	16 $\frac{5}{8}$	16 $\frac{1}{4}$	minor irregular changes
1787	20	16 $\frac{3}{4}$	March 16 $\frac{3}{4}$; April 18 $\frac{1}{4}$; June 20: then steady c.20
1788	23	20 $\frac{3}{4}$	marked rise in first half, less marked thereafter
1789	22	17	steady between 21 $\frac{3}{4}$ and 22 till July then rapid fall
1790	17 $\frac{1}{2}$	16 $\frac{3}{4}$	irregular fluctuations
1791	20	17 $\frac{3}{4}$	gradual rise throughout the year
1792	20	19 $\frac{3}{4}$	minor changes
1793	18 $\frac{1}{2}$	16 $\frac{1}{4}$	marked fall after June
1794	15 $\frac{1}{4}$	14 $\frac{1}{8}$	falling steadily throughout the year
1795	17 $\frac{1}{2}$	14 $\frac{3}{4}$	rising steadily throughout the year
1796	20 $\frac{1}{2}$	18 $\frac{1}{2}$	rising slightly till May, falling after August
1797	16 $\frac{1}{4}$	15 $\frac{1}{4}$	falling till June, rising steadily thereafter
1798	16	14 $\frac{1}{2}$	steady till second half when falling
1799	20 $\frac{1}{2}$	14 $\frac{1}{2}$	uniform rise throughout the year
1800	23 $\frac{1}{2}$	19 $\frac{7}{8}$	stable till May then rising quickly
1801	25	22 $\frac{5}{8}$	gradual rise throughout the year
1802	33	26	marked upward movement continuously
1803	34	31 $\frac{1}{2}$	unstable fluctuations in first half, falling second
1804	32	29 $\frac{1}{2}$	irregular minor changes till June, slight fall thereafter
1805	40	33	spectacular rise till May, then fluctuating c.39//40
1806	40	38	falling in second half of the year
1807	38	25	spectacular fall throughout the year
1808	41	22	steady c 22/23 till June, spectacular rise thereafter
1809	40	35	falling steadily
1810	32	30	continuous fall

LEAD INDUSTRY: Table 13 (cont.)

Lead: Prices per fodder for lead sold from Blaydon 1729-1828.

N.B. See notes at head of table.

Year	Prices (£s)		Notes
	Highest	Lowest	
1811	27	23	Sharp fall till May, falling slowly thereafter
1812	25	23	irregular fluctuations, devoid of apparent pattern
1813	27	23	marked rise till May, equally marked fall thereafter
1814	28	24	sharp rise till June, Slight fall June/sept, then rising
1815	22	20	falling till June; No sales in second half of the year
1816	21	16	Very steep fall May/June/July; then stable c 17
1817	21	17	rising during first six months then steady c. 20/21
1818	26	20	continuous rise throughout the year
1819	27	21	rising till end of Feb. thereafter falling steadily
1820	24	23½	minor irregular changes
1821	24	22	fall confined to May/June, then steady c 22½
1822	23	22½	very few sales made save at 22½
1823	23	22½	ditto
1824	23½	23	minor fluctuations devoid of marked pattern
1825	29	24	steep rise till May: No sales thereafter
1826	24	20	April already fallen to 22; Aug 20; thereafter steady
1827	20½	19	Down to 19 by end of May, steady thereafter
1828	19	17½	Continuous fall till Sept. No sales thereafter.

LEAD INDUSTRY: Table 14.

Blackett-Beaumont family: Sales of lead 1729-1828.

Year	Number of Pieces	Casks Litharge	Total Weight Tons	Receipts £s.	Average per ton £15.1
1729	10,182	182	772	11,650	14.2
1730	17,099	276	1,291	18,365	13.1
1731	18,963	247	1,413	18,523	13.0
1732	21,743	93	1,574	20,556	13.8
1733	19,959	2	1,411	19,519	12.3
1734	19,125	188	1,380	17,025	12.5
1735	23,654	257	1,743	21,831	12.7
1736	18,839	289	1,418	17,927	12.5
1737	21,263	195	1,537	19,150	12.7
1738	22,988	265	1,634	20,748	12.1
1739	25,479	181	1,808	21,907	12.3
1740	21,049	156	1,502	18,525	13.1
1741	16,055	124	1,149	15,017	10.9
1742	11,822	90	845	9,232	10.3
1743	17,226	127	1,239	12,760	10.6
1744	9,295	76	683	7,187	10.6
1745	9,348	41	673	7,144	10.9
1746	14,911	30	1,054	11,479	10.9
1747	9,856	46	712	7,767	10.9
1748	19,974	175	1,435	15,681	11.2
1749	12,283	403	998	11,190	11.3
1750	22,618	468	1,711	19,283	11.6
1751	20,113	264	1,465	16,928	12.6
1752	20,983	434	1,577	19,883	14.3
1753	24,922	265	1,794	25,744	16.3
1754	19,544	363	1,470	24,010	16.3
1755	10,488	213	798	13,022	13.8
1756	22,873	422	1,721	23,794	14.0
1757	20,120	310	1,490	20,869	13.6
1758	10,349	267	799	10,874	11.6
1759	12,640	511	1,030	11,955	11.2
1760	22,719	451	2,066	23,045	12.5
1761	26,325	479	1,965	24,893	13.2
1762	17,793	462	1,390	18,294	14.5
1763	25,019	433	1,891	27,569	13.3
1764	30,248	1,011	2,434	32,399	13.5
1765	38,447	545	2,878	38,816	12.9
1766	26,730	607	2,285	?29,493	15.7
1767	28,528	862	2,074	32,501	14.1
1768	27,713	717	2,170	30,471	13.6
1769	24,731	1,098	2,076	28,249	13.4
1770	33,546	1,188	2,719	36,717	

LEAD INDUSTRY: Table 14 (cont.).

Blackett-Beaumont family: Sales of Lead 1729-1828.

Year	Number of pieces	Casks of litharge	Total weight (tons)	Receipts (£s)	Average p. ton (£s)
1771	39,684	701	2,989	43,763	14.6
1772	33,370	1,038	2,655	35,633	13.4
1773	31,150	1,221	2,566	32,006	12.5
1774	28,098	1,442	2,407	30,232	12.6
1775	26,610	1,211	2,245	29,107	13.0
1776	no figures available				
1777					
(1778(a))	18,295	152	1,321	16,556	12.5)
1779	31,626	1,113	2,552	31,027	12.2
1780	53,414	1,534	4,201	48,888	11.6
1781	42,683	821	3,221	44,576	13.8
1782	57,709	1,077	4,346	70,175	16.3
1783	23,071	1,037	1,923	33,625	17.5
1784	55,564	1,691	4,388	71,806	16.4
1785	68,670	1,006	5,107	78,843	15.4
1786	64,727	1,192	4,978	77,487	15.5
1787	77,447	1,476	5,959	104,294	17.5
1788	45,999	439	3,455	73,075	21.2
1789	58,257	1,261	4,546	87,784	19.3
1790	65,774	1,498	5,190	82,686	15.9
1791	72,198	2,260	5,907	99,072	16.8
1792	66,242	744	4,980	93,641	18.8
(1793(b))	42,627	873	3,337	59,110	17.7)
(1794 $\frac{1}{2}$ yr(c))	55,328	455	4,138	63,082	15.2)
(1794 $\frac{1}{2}$ yr(c))	46,637	777	3,588	50,827	14.2)
1795	95,580	1,884	7,345	111,028	15.1
1796	34,822	809	2,749	50,196	18.3
1797	129,327	1,826	9,718	149,229	15.8
1798	65,147	1,306	5,079	73,075	14.4
1799	87,327	1,486	6,759	112,843	16.7
1800	64,364	1,580	5,146	105,695	20.6
1801	70,459	1,687	5,532	126,072	22.8
1802	60,738	1,320	4,786	190,887	27.3
1803	38,304	862	3,033	94,668	31.2
1804	94,468	1,462	7,135	204,375	28.7
1805	56,087	1,791	4,538	163,980	36.0

Notes:-

- (a) The figures given for 1778 are incomplete and refer to the sales of lead from ore raised after the death of Sir Walter Blackett in 1777.
- (b) The figures for 1793 refer only to the sales of lead from ore raised prior to the death of Sir Thomas Blackett in July 1792.
- (c) The first set of figures refer to the sale of lead from ore raised prior to the death of Sir Thomas Blackett, the second to sales of lead from ore raised after that date.

LEAD INDUSTRY: Table 14 (cont.).

Blackett-Beaumont family: Sales of Lead 1729-1828.

Year	Number of pieces	Casks of litharge	Total weight (tons)	Receipts (£s)	Average p. ton (£s)
1806	20,380	1,139	1,825	68,112	37.3
1807	72,363	1,551	5,639	146,259	25.9
1808	111,880	913	8,215	201,267	24.5
1809	68,623	1,828	5,454	160,731	29.4
1810	50,740	1,514	4,086	125,164	30.6
1811	88,808	1,549	6,788	165,616	24.4
1812	80,820	1,307	6,193	141,620	22.8
1813	99,225	1,435	7,498	176,762	23.6
1814	89,484	1,707	6,870	177,271	25.8
1815	114,947	2,074	8,779	178,892	20.5
1816	106,270	1,400	7,952	129,985	16.2
1817	115,684	687	8,434	144,725	17.2
1818	101,258	913	7,524	173,970	23.2
1819	93,816	804	6,952	152,005	21.9
1820	90,913	820	6,779	146,292	21.7
1821	103,247	1,194	7,721	161,750	20.9
1822	90,690	1,410	6,892	145,483	21.0
1823	99,145	1,304	7,452	158,147	21.2
1824	102,130	1,379	7,680	165,136	21.6
1825	113,556	1,192	8,371	187,149	22.4
1826	100,737	1,134	7,476	154,434	20.7
1827	84,852	1,794	6,585	117,609	17.8
1828	101,272	1,957	7,804	132,182	17.0

LEAD INDUSTRY: Table 15.Greenwich Hospital: Sales of lead and silver 1769-1828.

- Notes:- (a) The accounting year runs from November 1st to October 31st, therefore for example 1769 refers to the period from November 1st 1768 to October 31st 1769.
- (b) The figures refer throughout to the sales of lead etc. smelted from duty ore only and do not include sales after 1812 the sales from purchased ore.
- (c) The weight in tons is based on a slide-rule conversion from fadders (21 cwts.) and both this and the average prices of lead and silver are subject to error. (not exceeding plus or minus 0.05%.)
- (d) The differences between the average price for Greenwich and the Blackett-Beaumont sales, arises in part from the different 'year' and can for the rest be attributed to the fluctuations of the price and the timing of major sales.

Year	pieces	<u>LEAD</u>			ounces	<u>SILVER</u>	
		weight (tons)	receipts (£s.)	average p. ton (£s.)		receipts (£s.)	average per ounce (sh.)
1769	6,696	502	6,865	13.7	4,280	1,275	5.95
1770	6,630	498	6,707	13.5	5,549	1,676	6.05
1771	13,249	1,000	13,919	13.9	7,199	2,175	6.05
1772	9,683	730	10,532	14.4	5,738	1,722	6.07
1773	11,788	890	11,325	12.7	5,210	1,522	5.84
1774	6,575	496	6,125	12.4	6,932	1,958	5.65
1775	15,869	1,192	15,265	12.8	8,161	2,345	5.75
1776	8,839	676	8,703	12.9	8,762	2,566	5.85
1777	16,677	1,260	16,161	12.8	7,792	2,348	6.04
1778	7,389	558	7,140	12.8	7,407	2,209	5.95
1779	14,518	1,096	13,176	12.0	not known	2,284	
1780	13,925	1,051	12,230	11.6	8,624	2,477	5.75
1781	8,751	663	8,965	13.5	8,745	2,639	6.15
1782	10,025	758	11,874	15.7	6,276	1,958	6.25
1783	9,456	712	12,269	17.2	6,040	1,871	6.2
1784	12,847	968	15,925	16.5	6,737	1,946	5.77
1785	9,981	752	11,623	15.4	5,934	1,662	5.61
1786	10,312	776	12,059	15.5	9,012	2,556	5.68
1787	12,053	907	15,782	17.4	8,421	2,399	5.68
1788	6,783	511	10,483	20.5	5,145	1,473	5.74
1789	4,369	330	6,838	20.7	5,489	1,563	5.7
1790	9,514	717	11,874	16.6	6,187	1,739	5.65

LEAD INDUSTRY: Table 15 (cont.)Greenwich Hospital: Sales of lead and silver 1769-1828.

N.B. See notes on previous page.

Year	pieces	LEAD			ounces	SILVER	
		weight (tons)	receipts (£s.)	average p. ton £s.		receipts (£s.)	average per oz. (shills)
1791	11,793	890	14,663	16.5	6,006	1,692	5.6
1792	5,329	401	7,260	18.1	4,098	1,189	5.82
1793	9,191	694	12,273	17.7	8,445	2,399	5.68
1794	9,812	739	11,363	15.4	10,555	2,904	5.52
1795	16,453	1,241	17,218	13.9	10,652	2,943	5.55
1796	12,592	950	14,374	15.1	6,970	2,027	5.82
1797	8,934	673	10,702	15.9	7,667	2,201	5.75
1798	10,690	806	11,783	14.6	7,881	2,158	5.48
1799	20,364	1,537	22,538	14.7	5,140	1,443	5.63
1800	10,194	769	14,245	18.6	5,401	1,633	6.05
1801	7,204	542	11,711	21.6	3,936	1,238	6.29
1802	7,794	587	13,857	23.6	5,823	1,793	6.16
1803	55,547	418	12,031	28.8	3,930	1,196	6.09
1804	6,112	461	13,406	29.1	11,283	3,379	5.98
1805	11,951	896	27,514	30.7	9,173	2,697	5.88
1806	3,959	299	11,313	37.9	6,588	2,022	6.15
1807	7,075	534	18,908	35.4	6,297	1,916	6.08
1808	11,619	877	21,644	24.7	7,378	2,207	6.03
1809(a)	6,902	520	16,126	31.0	7,176	2,173	6.05
1810(b)	5,400	407	11,611	28.6	5,418	1,690	6.17
1811	7,100	535	13,214	24.7	4,368	1,420	6.51
1812	11,974	900	20,168	22.2	4,230	1,439	6.8
1813	6,622	496	11,405	23.0	4,032	1,465	7.27
1814	7,757	585	15,267	25.9	4,585	1,617	7.04
1815	4,800	363	7,759	21.4	5,194	1,701	6.56
1816(c)	3,000	227	3,900	(17.2)	4,360	1,235	5.66
1817(c)	12,580	950	14,097	(14.7)	6,291	1,732	5.5
1818	8,720	659	13,244	20.1	6,997	2,020	5.78
1819	11,229	847	20,696	24.4	6,651	1,901	5.72
1820	10,851	821	18,129	22.0	9,540	2,612	5.48
1821	16,402	1,251	26,483	21.1	13,402	3,561	5.31
1822	11,952	901	18,563	20.6	17,724	4,654	5.26
1823	21,756	1,643	35,266	21.5	9,326	2,477	5.31
1824	11,692	891	19,258	21.6	11,265	2,971	5.28
1825	14,101	1,069	22,811	21.4	8,618	2,311	5.36
1826	13,256	1,003	18,322	18.3	10,244	2,709	5.29
1827	17,926	1,359	24,321	17.9	11,122	2,924	5.25
(1828(d))	31,587	2,482	40,685	16.4	28,919	7,664	5.32)

Notes:- (a) The period covered is from Nov. 1808 to Dec. 31st 1809

(b) The period covered is from Jan. 1810 to October 31st 1810.

(c) In these years there was sold an additional 1,400 weighing ? 105 tons for which £1,000 was received in 1816 and the inknow balance in 1817. For this reason the figures of average cost are false.

(d) These figures refer to sales of both duty and purchased ore.

LEAD INDUSTRY: Table 16.

Greenwich Hospital: Income from lead interests 1737-1828.

Notes:- This table is divided into three parts;

'A' Receipts from the sale of duty ore 1737-1768/9.

'B' Income and expenditure of processing and sale of duty ore
1768-1828.

'C' Income and expenditure of processing purchased ore 1812-1827.

Detailed notes are given with each part of the table.

'A' Receipts from the sale of duty ore 1737-1768/9.(a)

Year	Receipt	Year	Receipt	Year	Receipt	Period covered
1737	£717	1748	£2,150(2,115)(c)	1758	£2,714	1756-7
1738	372	1749	2,603(2,404)	1759	2,694	1757-8
1739	592	1750	2,827(2,744)	1760/61	4,304	1758-9-?60
1740 (b)	nil	1751	2,430(2,405)	1762/63	8,637	1760-1-?2
1741	996	1752	2,287(2,287)	1764 (b)	6,465	1762-3
1742	889	1753	2,319(2,319)	1765 (b)	nil	
1743	nil	1754	3,583	1766 (b)	5,957	1763-4
1744	1,263	1755	3,708	1767	18,265	1764-5-6
1745	100	1756	2,457	1768/9	13,067	1766-7-?68
1746	415	1757	2,177			
1747	1,597					

(a) The figures for receipts are those brought to account in that year and bear only limited relationship to the produce of the immediate preceeding year. This is made clear after 1758 when the period which the receipts refer to are also given.

(b) During this period there were two changes in the dating of the end of each accounting year. Before 1739 the date was Dec.31st, this was then changed to June 30th. so that there are no accounts for 1740 while 1741 covers the 18 months from Jan.1st 1740 to June 30th 1741. In 1764 there is another 18 month period (June 1763-Dec.1764) followed by a six month period (1765) from Jan. to June. The reason for this is not given. After this date the end of the accounting year was moved to November 1st. and for this reason 1766 refers to the sixteen month period from July 1st 1765 to Oct.31st. 1766.

(c) The receipts prior to 1747 do not distinguish between the income from the Alston Moor lead mines and those at Thornthwaite (near Keswick) Thereafter such a distinction was made and from 1748 to 1753 the figures in brackets refer to the Alston Moor receipts as opposed to the joint receipts. After 1754 the ordinary figures refer solely to Alston Moor receipts but there were in any case only very small occasional receipts from Thornthwaite.

LEAD INDUSTRY: Table 16 (cont.).

Greenwich Hospital: Income from lead interests 1737-1828.

'B' Income and expenditure of processing and sale of duty ore 1768-1828.(a)

Year	Gross income	Gross costs	Nett income	Year	Gross income	Gross costs	Nett income
1768	£8,162	£4,256	£5,906(b)	1801	£13,133	£2,169	£10,964
1769	8,390	2,685	5,705	1802	15,833	2,822	13,011
1771	16,121	3,086	13,035	1803	13,278	2,640	10,638
1772	12,259	2,616	9,643	1804	20,607	3,116	17,491
1773	12,885	2,498	10,357	1805	33,126	4,228	28,898
1774	8,117	2,724	5,393	1806	14,400	4,670	9,730
1775	17,638	3,331	14,307	1807	20,898	4,585	16,313
1776	11,282	2,941	8,341	1808	23,928	3,544	20,384
1777	18,557	3,277	15,280	1809(a)	18,411	6,179	12,232
1778	9,365	1,231	8,134	1810(a)	13,441	2,650	10,791
1779	15,512	3,710	11,802	1811	14,870	3,126	11,744
1780	14,736	3,026	11,710	1812(c)	21,972	3,115	18,857
1781	11,705	3,183	8,522	1813	13,555	3,116	10,439
1782	13,834	2,852	10,982	1814	17,936	3,771	14,165
1783	14,145	2,507	11,638	1815	9,584	3,098	6,486
1784	17,874	2,876	14,998	1816	6,241	3,563	2,678
1785	13,285	2,881	10,404	1817	17,380	3,604	13,776
1786	14,648	2,470	12,214	1818	15,374	4,122	11,252
1787	18,352	2,719	15,633	1819	22,865	5,778	17,087
1788	13,656	2,448	11,208	1820(a)	20,785	6,538	14,247
1789	8,417	2,212	6,296	1821(a)	30,102	8,477	21,625
1790	13,604	2,193	11,411	1822	23,252	7,245	16,007
1791	17,330	2,360	14,970	1823	37,768	6,198	31,570
1792	8,472	2,162	6,310	1824	22,283	6,526	15,757
1793	14,699	3,148	11,551	1825	25,146	5,120	20,026
1794	14,301	3,314	10,987	1826	21,045	8,045	13,000
1795	20,196	3,963	16,233	1827	27,263	10,687	16,576
1796	16,539	3,121	13,418	(1828(d)	48,349	22,277	26,072)
1797	13,006	2,879	10,127				
1798	13,990	3,720	10,270				
1799	24,184	3,333	20,851				
1800	15,968	2,552	13,416				

Notes:-

(a) Except where noted the year refers in every case to the 12 months ending Oct.31st. The exceptions are 1809 (14 months ending Dec.31st), 1810 (10 months ending Oct 31st), and 1820 (14 months to Dec 31st) and 1821 (10 months).

(b) These figures do not take into account the cost of erecting the mill.

(c) After this date the gross costs very probably include the cost of smelting the purchased ore

(d) This is the combined figure for both duty and purchased ore.

LEAD INDUSTRY: Table 16 (cont.)

Greenwich Hospital: Income from lead interests 1737-1828.

'C' Income and expenditure of processing purchased ore 1812-1827.(a)

Year	Cost (a)	Income	Profit	Loss
1812	£1,614	£ 100		£1,514
1813	5,005	2,979		2,026
1814	6,883	9,753	£2,870	
1815	8,378	2,220		6,158
1816	8,555	4,586		3,969
1817	4,828	12,770	7,942	
1818	8,216	6,465		1,751
1819	17,607	11,156		6,451
1820	20,666	20,173		593
1821	22,952	23,829	877	
1822	16,909	17,913	1,004	
1823	24,287	25,982	1,695	
1824	25,959	27,747	1,788	
1825	28,938	28,978	40	
1826	46,804	29,730		17,074
1827	24,070	31,341	7,271	

1828 figures included in table 16 'B'.

Note (a) The ledgers do not make it clear what items are included in the costs so that there is no means of knowing if they refer to only the cost of the ore, or to that plus transport and smelting costs.

Valuation of stocks of ore on hand at various dates 1818-1827

Date	Duty ore (binges)	Purchased ore (binges)	Estimated value (£s)
21/11/1818	1,461	1,843	14,864
21/11/1819	1,652	1,995	16,414
21/11/1820	2,158	2,847	21,022
31/12/1821	2,664	1,618	18,201
31/12/1822	1,672	2,810	20,729
31/12/1823	1,333	1,748	13,097
31/12/1824	1,844	2,493	19,520
31/12/1825	3,903	4,629	36,265
31/12/1826	4,868	4,883	31,070
31/12/1827 (joint)	6,268		19,848

LEAD INDUSTRY: Table 17.Blackett-Beaumont family: Income from lead interests 1729-1831.

N.B. The figures for income are derived from the sales of lead and litharge given in table 14 and do not include the income from the sale of silver since figures for this are not always available, and there are no figures of the cost of Blaydon refinery to put against them. The costs are made up of the mines charges for Weardale, Allendale and Coalcleugh together with the mill charges at Rookhope, Dukesfield, Allenheads and (after 1794) Allen. From these figures a trading return is given.

The figures of stock valuations are from the ledgers and include only unprocessed ore and lead pieces on hand on January 1st each year, and do not include any figure for the value of machinery etc.

The profit and loss figures are again taken from the ledgers. It will be seen that these do not agree with the trading return and stock figures co taken together. This is because the refinery costs are omitted as well as the bullion receipts as well as a number of other smaller items. Where the difference is very great and cannot be explained within these limits (as in 1809 and 1810) I have put the figures in brackets. For the sake of

Year	Income	Costs	Trading returns		Alteration of stock		Profit	Loss
			Surplus	Deficit	Increase	decrease		
1729	£11,650	£10,778	£ 872		£6,749		£7,641	
1730	18,365	12,563	5,802		622		6,973	
1731	18,523	12,241	6,282		112		6,957	
1732	20,556	12,771	7,785			£954	7,580	
1733	19,519	13,344	6,175		2,602		7,873	
1734	17,025	12,058	4,967		2,544		7,827	
1735	21,831	13,393	8,438		1,206		9,981	
1736	17,927	14,815	3,112		5,426		9,188	
1737	19,150	13,866	5,284		1,310		6,695	
1738	20,748	12,158	8,590			2,514	6,509	
1739	21,907	11,223	10,684			6,689	4,312	
1740	18,525	9,239	9,286			5,648	4,014	
1741	15,017	10,251	4,766		2,990		7,223	
1742	9,232	7,756	1,476		309		2,171	
1743	12,760	7,618	5,142			4,540	1,463	
1744	7,187	6,782	405		1,635		1,792	
1745	7,144	7,518		£374	1,674		885	
1746	11,479	9,077	2,402			1,687	540	
1747	7,767	11,120		3,353	4,212		1,942	
1748	15,681	10,713	4,968			1,078	3,939	
1749	11,190	10,901	289		4,992		4,148	
1750	19,283	11,889	7,394			1,106	5,943	
1751	16,928	11,880	5,048			1,227	3,736	
1752	19,883	12,011	7,872			1,649	6,141	
1753	25,744	13,757	11,987			647	10,693	
1754	24,010	16,353	7,657		2,383		9,870	
1755	13,022	17,965		4,943	9,766		4,556	

LEAD INDUSTRY: Table 17 (cont.).

Blackett-Beaumont family: Income from Lead interests 1729-1831.

N.B. See notes at head of table.

Year	Income	Costs	Trading returns surplus deficit	Changes in stock increase decrease	Profit	Loss
1756	£23,794	£17,148	£6,646		£4,522	
1757	20,869	20,982		£5,302	4,874	
1758	10,874	22,939		14,286	2,241	
1759	11,955	18,468		7,510	821	
1760	23,045	19,084	3,961			£272
1761	24,893	18,654	6,239	3,114	9,246	
1762	18,294	18,219	75	3,834	3,438	
1763	27,569	22,289	5,280	2,792	7,174	
1764	32,399	24,243	8,156	502	5,925	
1765	38,816	26,224	12,592		2,851	
1766	29,493	28,172	1,321		245	
1767	32,501	28,549	3,952			£10,435
1768	30,471	29,966	505		87	
1769	28,249	33,576		4,421		657
1770	36,717	34,082	2,635			219
1771	43,763	36,272	7,491	1,865	9,889	
1772	35,633	34,389	1,244	2,451	3,834	
1773	32,006	34,761		2,235		314
1774	30,232	32,307				2,279
1775	29,107	33,455		5,584	1,372	
1776	No figures available. (Death of Sir Walter Blackett)					
1777						
1778	(16,556	42,118		25,562)	No stock or profit and loss figures have survived for the period 1776 - 1786 inclusive on an unannual basis, but collected figures for the whole are given in the text. In 1778 the figures for sales are only for those pieces from ore mined after the death of Sir Walter Blackett.	
1779	31,027	43,078		12,051		
1780	48,888	38,345	10,543			
1781	44,576	44,178	428			
1782	70,175	44,268	25,907			
1783	33,625	50,107		16,482		
1784	71,806	51,233	20,573			
1785	78,843	54,204	24,639			
1786	77,487	61,273	16,214			
1787	104,294	68,481	35,813			
1788	73,075	73,915		840	£22,025	£59,479
1789	87,784	69,413	18,371		28,826	30,248
1790	82,686	78,749	3,937		6,225	25,709
1791	99,072	81,368	17,704		1,852	6,425
1792	93,641	55,385	38,256			1,704
1793	Figures unreliable and incomplete at time of Sir Thomas Blackett's death.					
1794						
1795	111,028	75,662	35,366		£16,176	48,361
1796	50,196	83,936		33,740		
1797	149,229	75,213	74,016			
1798	73,075	71,475	1,600			
1799	112,843	76,049	36,794			
1800	105,695	80,781	24,914			

LEAD INDUSTRY: Table 17 (cont.).Blackett-Beaumont family: Income from Lead interests 1729-1831.

N.B. See notes at head of table:

Year	Income	Costs	Trading returns surplus	deficit	Changes in stock increase	decrease	Profit	Loss
1801	£126,072	£77,528	£48,544			£ 7,183	£42,308	
1802	130,887	78,719	52,168			5,594	48,022	
1803	94,668	82,373	12,295		£28,226		40,560	
1804	204,375	85,994	118,381			39,926	77,133	
1805	163,980	95,194	68,786		23,571		91,901	
1806	68,112	92,133		£24,021	91,036		67,464	
1807	146,259	108,543	37,716			249	36,555	
1808	201,267	190,867	10,400			63,753		£53,342
1809	109,073	122,759		13,686	11,149		47,383	
1810	81,719	141,448		59,729	100,370		82,047	
1811	165,616	132,628	32,988			17,841	13,333	
1812	141,620	120,935	20,685			9,985	10,250	
1813	176,762	130,216	46,546		24,780		69,414	
1814	177,271	136,237	41,034		30,253		69,938	
1815	178,892	128,977	49,915			70,794		£24,070
1816	129,985	120,663	9,322			42,079		34,269
1817	144,725	108,350	36,375			7,594	28,508	
1818	173,970	113,010	60,860		856		58,599	
1819	152,005	119,114	32,891			23,629	8,532	
1820	146,292	114,581	31,711			7,939	22,090	
1821	161,750	121,923	39,827			15,339	22,830	
1822	145,483	119,716	25,767		5,056		28,935	
1823	158,147	119,192	38,955		16,220		53,823	
1824	165,136	125,337	39,799		13,503		51,872	
1825	187,149	128,956	58,193		2,962		57,756	
1826	154,434	122,673	31,761			6,963	24,054	
1827	117,609	124,225		6,616	23,869		16,188	
1828	132,182	122,451	9,731		(?6,493)	?2,854	12,918	
1829	75,244	110,052		34,808		34,123	2,534	
1830	147,657	105,541	42,116			38,614		£242
(1831	75,122	74,695	427		not known		7,861)	

N.B. The figures for 1831 cover the period from Jan. 1st. to August 10th only, when Mrs. T.R.Beaumont died.

Howick Home Farm (Statistical Introduction).

Robert Anderson, Earl Grey's agent from before 1800 till his death in 1834, had two attributes which the historian must be thankful for - he not only sought information of a most detailed kind on the working of the home farm which resulted in the magnificent series of fortnightly returns, but also seems to have enjoyed making analyses of the course of events in statistical terms. The result of this last is that there have survived a large number of what were originally 'jottings' one of which for example gives all the details of the acreage of each grain grown between 1803 and 1828 with the quantities of seed used (with the average per acre) and the yield produced.

It is on the evidence left by this man that the study of Howick is based, and clearly the great bulk of the work had been done for me by Anderson. The only calculations which I had to do were on the annual average prices of grain which were based on the fortnightly returns. In calculating these no attempt was made to weight the price in terms of the quantities sold each fortnight. Each ~~of~~^{of} the twenty six figures for each year was added together and the average arrived at by dividing the resulting total by twenty six.

For the very good reason that any conversion from bushels into a weight in the absence of information on the size of the grain involved was only likely to introduce error all the figures have been left as given by Anderson. So well did he do his work(careful checking has revealed only three occasions where his arithmetic was faulty) that no further introduction is needed.

HOWICK HOME FARM. 1802-1836.

CORN CROPS.

Number of acres of the various grains grown each year, percentage of wheat and oats in total corn acreages, and of corn crops of the whole farm.

Year.	Number of acres				% of corn acreage		% of whole farm of total.
	Wheat	Barley	Oats	Total	Wheat	Oats	
1802	30	14	54	98	30.7	55.1	11.4
1803	48	28	80	156	30.8	51.2	18.2
1804	36	32	94	162	22.2	58.0	18.8
1805	50 $\frac{1}{2}$	26	95 $\frac{1}{2}$	172	29.4	55.4	20.0
1806	43	25 $\frac{1}{2}$	108	176 $\frac{1}{2}$	24.3	61.3	20.5
1807	82	17	78	177	46.4	44.1	20.5
1808	61	18	89 $\frac{1}{2}$	169 $\frac{1}{2}$	36.0	53.4	19.7
1809	37 $\frac{3}{4}$	18	134 $\frac{1}{2}$	190 $\frac{1}{4}$	19.8	70.8	22.2
1810	nil	8	58	66	0.0	88.0	19.6
1811	28	19	51	98	28.6	52.0	29.2
1812	23	10	62	95	24.3	65.2	28.3
1813	22	10	47	79	27.9	59.5	23.5
1814	36	10	45	91	39.5	49.5	27.0
1815	40	2	46	88	45.5	52.2	26.2
1816	43	2 $\frac{1}{2}$	44 $\frac{1}{2}$	90	47.9	49.3	26.8
1817	40	12	58	110	36.4	52.8	32.8
1818	30	10	46	86	34.8	53.6	25.6
1819	34	8	68	110	30.9	61.8	32.8
1820	74	16	107	197	37.4	54.5	22.9
1821	77	16	89	182	42.3	49.0	21.2
1822	123	12	79	214	57.7	36.7	24.8
1823	82	13	82	177	46.3	46.3	20.6
1824	105	8	66	179	58.8	36.8	20.8
1825	93	13	67	173	53.8	38.8	20.1
1826	105	13 $\frac{1}{2}$	62 $\frac{1}{2}$	181	58.2	34.4	21.0
1827	75	16	80	171	44.0	46.6	19.9
1828	70	22	59 $\frac{1}{2}$	151 $\frac{1}{2}$	46.2	39.3	17.8
1829	65	14	88	167	39.0	52.7	19.4
1830	65	26	70	161	40.5	43.5	18.7
1831	75	15	61	151	50.0	40.1	17.7
1832	96	10	84	190	50.1	44.2	22.0
1833	80	12	102	194	41.2	52.8	22.5
1834	103	14	105	222	46.5	47.4	25.8
1835	100 $\frac{1}{2}$	16	81	197 $\frac{1}{2}$	50.4	41.0	23.0
1836	68	23	78	169	40.2	46.7	19.7

HOWICK HOME FARM. 1802-36.

CORN CROPS: WHEAT.

Number of acres of wheat grown; seed used; produce in bushels.

<u>Year.</u>	<u>Acres.</u>	<u>Seed used</u>		<u>Produce</u>	
		<u>Total</u>	<u>Per acre</u>	<u>Total</u>	<u>per acre</u>
1802	30	not known		537.0	17.5
1803	48	ditto		1,312.5	27.0
1804	36	ditto		954.5	26.5
1805	50 $\frac{1}{2}$	126.5	2.5	1,558.5	31.0
1806	43	91.5	2.1	1,089.5	25.0
1807	82	207.5	2.54	1,384.5	16.5
1808	61	153.0	2.51	780.0	13.0
1809	37 $\frac{3}{4}$	90.0	2.45	401.0	10.5
1810	no wheat grown this year.				
1811	28	70.0	2.5	432.5	15.5
1812	23	60.5	2.63	763.5	33.0
1813	32	104.5	3.26	1,002.5	31.0
1814	36	104.5	2.91	943.5	26.0
1815	40	116.5	2.92	857.5	21.5
1816	43	130.0	3.05	714.5	23.5
1817	40	126.0	3.15	829.0	20.5
1818	30	91.5	3.05	714.5	23.5
1819	34	97.0	2.85	1,001.5	29.5
1820	74	208.5	2.82	2,167.0	29.0
1821	77	233.5	3.03	2,295.0	31.0
1822	123	346.5	2.8	3,693.0	29.5
1823	82	238.5	2.9	2,074 $\frac{1}{2}$	25.0
1824	105	322.5	3.06	3,360.0	32.0
1825	93	291.0	3.14	2,346.5	25.0
1826	105	302.0	2.87	2,793.5	26.5
1827	75	236.0	3.1	1,989.5	26.5
1828	70	233.5	3.32	1,472.5	21.0
1829	65	not known		1,364.0	21.0
1830	65	224.0	3.45	1,559.5	24.5
1831	75	248.5	3.3	2,132.5	28.5
1832	96	309.5	3.22	2,922.5	30.5
1833	80	260.5	3.25	2,348.0	29.5
1834	103	307.0	2.98	3,087.5	30.0
1835	100 $\frac{1}{2}$	303.5	3.01	1,498.5	15.0
1836	68	202.0	2.97	1,794.0	26.5

N.B. No attempt is made to convert bushels into weights since the conversion range is from circa 57 lbs. to circa 63 lbs per bushel depending on the size of the individual grains.

HOWICK HOME FARM. 1802-33.

CORN CROPS: WHEAT.

Annual average price per quarter at Howick and Nationally; harvest price per bushel at Howick (see below); value per acre and percentage of each year of the average for the whole period.

Average value per acre 1802-33 - £9/13/8.

Year.	National average.		Howick average.		Harvest year average.		Value per acre.			%age of average.
	s.	d.	s.	d.	s.	d.	£	s	d	
1802			?		7	0 $\frac{3}{4}$	6	3	7	64%
1803	57	1	52	6	6	1 $\frac{1}{2}$	8	15	4 $\frac{1}{2}$	90.5%
1804	60	5	53	0	10	0	13	5	0	137%
1805	87	1	85	0	8	7 $\frac{1}{2}$	13	77	4 $\frac{1}{2}$	138%
1806	76	9	67	0	9	4	11	13	4	120%
1807	73	1	73	9	8	9	7	44	4 $\frac{1}{2}$	74%
1808	78	11	73	0	10	0	6	10	0	67.4%
1809	94	5	82	0	9	9	5	3	4 $\frac{1}{2}$	55%
1810	103	3	78	0	(10	3)	no wheat grown			
1811	92	5	85	0	12	9	8	17	7 $\frac{1}{2}$	91.6%
1812	122	8	105	8	13	6	21	15	6	226%
1813	106	6	106	6	9	10 $\frac{1}{2}$	15	6	1 $\frac{1}{2}$	158%
1814	72	1	72	0	7	6	9	15	0	100.75%
1815	63	8	53	0	7	0	7	10	6	78%
1816	76	2	66	0	9	9	6	6	9	65.8%
1817	94	0	73	0	7	9	7	18	10 $\frac{1}{2}$	82.5%
1818	83	8	70	0	8	3	9	13	10 $\frac{1}{2}$	100%
1819	72	3	64	0	7	9	11	8	7 $\frac{1}{2}$	118%
1820	65	10	63	0	6	9	9	15	3	101%
1821	54	4	56	0	7	0	10	17	0	112.5%
1822	43	3	50	6	5	7 $\frac{1}{2}$	8	5	5 $\frac{1}{4}$	85.5%
1823	51	9	44	6	6	10	8	10	10	88.6%
1824	62	0	58	0	7	4	11	14	8	120.7%
1825	66	6	60	0	7	3	9	1	3	94%
1826	56	11	58	0	7	0	9	5	6	96%
1827	56	9	57	0	6	7 $\frac{1}{2}$	8	14	5 $\frac{3}{4}$	90.5%
1828	60	5	58	0	9	3	9	14	3	100.5%
1829	66	3	71	0	7	7 $\frac{1}{2}$	8	0	1 $\frac{1}{2}$	83%
1830	64	3	60	6	8	4	9	16	2	101.6%
1831	66	4	63	6	7	0	9	19	3	103%
1832	58	8	54	6	6	1	9	5	6 $\frac{1}{2}$	96%
1833	52	11	49	0	4	4 $\frac{1}{2}$	6	9	0 $\frac{3}{4}$	67%
1834	46	2	41	0						

The average figures for Howick are based on the returns sent each fortnight, those of the national price are from the Gazette prices printed in McCulloch's edition of Adam Smith's Wealth of Nations (1850) p.531.

The harvest year is taken from the first return in October to the last in the following September.

HOWICK HOME FARM. 1802-36.

CORN CROPS: BARLEY.

Number of acres, produce per acre, value per acre of barley.

Year	Acres	Produce		Price per bushel		Value per acre		
		Total	per acre	Harvest year.		£.	s.	d.
1802	14	148	10½	2	11½	1	11	0½
1803	28	1,132	40	2	9½	5	11	8
1804	32	601	18¾	4	11½	4	13	0
1805	26	1,120	43	4	7	9	17	1
1806	25½	1,073	42	4	7½	9	14	3
1807	17	508	30	5	6	8	5	0
1808	18	610½	34	5	0	8	10	0
1809	18	629	35	5	1	8	17	11
1810	8	305	38	5	0	9	10	0
1811	19	627½	33	6	5	10	11	4
1812	10	548½	54¾	7	11½	22	1	8½
		or 584½	58½			23	5	6¼
1813	10	434½	43½	5	6	11	19	3
1814	10	419	42	4	2	8	15	0
1815	2	94	47	3	2	7	8	10
1816	22½	113	45	6	5	14	8	3
1817	12	298	25	4	6	5	12	6
1818	10	359½	36	5	6	9	18	0
1819	8	386	48¼	3	9½	9	2	11½
1820	16	701	43½	3	1½	7	0	0¼
1821	16	892	55	3	6	9	17	6
1822	12	390	32½	3	7½	5	17	9¾
1823	13	614	47	4	3	9	19	9
1824	8	284	35½	4	0	7	2	9
1825	13	562	43	4	5	9	9	11
1826	13½	519½	38½	4	6	8	13	3
1827	16	633½	39½	3	9	7	8	1½
1828	22	798	36	4	6	8	2	0
1829	14	407	29	4	2	6	0	10
1830	26	799	30½	4	1½	6	55	9¾
1831	15	588	39	4	0	7	16	0
1832	10	586	58½	3	7½	9	0	9¾
1833	12	406	34	3	4	5	13	4
1834	14	567	40½	no figures available.				
1835	16	743½	46½	no figures available.				
1836	23	1,161	50½	no figures available.				

N.B. The Mss. give two figures for the total yield in 1812 - 548½ and 584½, and there is no means of discovering which is correct.

HOWICK HOME FARM. 1802-1836.

CORN CROPS: OATS.

Number of acres of oats grown; seed used; and produce.(in bushels).

<u>Year.</u>	<u>Acres.</u>	<u>Seed used</u>		<u>Produce.</u>	
		<u>Total</u>	<u>per acre</u>	<u>Total</u>	<u>per acre.</u>
1802	54	not known		2,588 $\frac{1}{2}$	47 $\frac{1}{2}$
1803	80	not known		3,015 $\frac{1}{2}$	38
1804	94	not known		3,817 $\frac{1}{2}$	40 $\frac{1}{2}$
1805	95 $\frac{1}{2}$	513 $\frac{1}{2}$	5.4	4,213 $\frac{1}{2}$	44 $\frac{1}{2}$
1806	108	469 $\frac{1}{2}$	4.35	4,860	45
1807	78	366	4.8	3,277 $\frac{1}{2}$	42
1808	89 $\frac{1}{2}$	432 $\frac{1}{2}$	4.84	4,036	45
1809	134 $\frac{1}{2}$	650	4.84	4,361	32 $\frac{1}{2}$
1810	58	316	5.45	2,069 $\frac{1}{2}$	35 $\frac{1}{2}$
1811	51	236	4.65	1,575 $\frac{1}{2}$	31
1812	62	308	4.98	2,385 $\frac{1}{2}$	36 $\frac{1}{2}$
1813	47	271	5.8	1,869 $\frac{1}{2}$	39 $\frac{1}{2}$
1814	45	228	5.07	2,093 $\frac{1}{2}$	46
1815	46	234	5.08	1,742	38
1816	44 $\frac{1}{2}$	233 $\frac{1}{2}$	5.24	2,346 $\frac{1}{2}$	52
1817	58	251	4.34	2,039	34 $\frac{1}{2}$
1818	46	211	4.59	1,829	39 $\frac{1}{2}$
1819	68	290	4.27	3,631	50
1820	107	507	4.75	4,551	35 $\frac{1}{2}$
1821	89	475	5.34	5,299	59 $\frac{1}{2}$
1822	79	398	5.01	3,914	49 $\frac{1}{2}$
1823	82	370	4.53	3,550	43
1824	66	305	4.63	3,326	50
1825	67	305	4.56	3,862	59
1826	62 $\frac{1}{2}$	286	4.59	2,261	36 $\frac{1}{2}$
1827	80	412	5.15	3,520	44
1828	59 $\frac{1}{2}$	337	5.65	2,669	44 $\frac{1}{2}$
1829	88	not known		4,197	47 $\frac{1}{2}$
1830	70	392	5.6	3,684	52 $\frac{1}{2}$
1831	61	334	5.48	2,904 $\frac{1}{2}$	47 $\frac{1}{2}$
1832	84	430	5.12	3,672	43 $\frac{3}{4}$
1833	102	517	5.08	4,489	44
1834	105 $\frac{1}{2}$	480 $\frac{1}{2}$	4.57	4,846	46 $\frac{1}{4}$
1835	81	378	4.69	3,628	44 $\frac{3}{4}$
1836	78	353	4.53	4,265	54 $\frac{1}{2}$

HOWICK HOME FARM. 1802-33.

CORN CROPS: OATS.

Annual average price per quarter at Howick and nationally; harvest year average price per bushel at Howick (1st Oct. to 30th Sept.): value per acre, and percentage each year is of the overall average value per acre 1802-33.

Average value per acre 1802-33 - £7/10/10.

Year	National average.		Howick average		Harvest Year average		Value per acre			Percentage of overall ave.
	s.	d.	s.	d.	s.	d.	£.	s.	d.	
1802	20	4	not known		2	7	6	2	8	82
1803	21	6	20	10	2	8	5	1	4	67.3
1804	24	3	21	9	3	6	7	1	9	94
1805	28	4	28	4	3	7½	7	16	6¾	103
1806	27	7	29	0	3	7	8	1	3	107
1807	28	4	30	0	4	9	9	19	6	132
1808	33	4	38	0	4	1½	9	5	7½	123
1809	31	5	31	8	3	8½	6	0	5¾	80
1810	28	7	32	8	4	0	7	2	0	94
1811	27	7	29	0	4	6½	6	8	6½	85
1812	44	6	46	0	6	6	11	7	3	150.5
1813	38	6	46	6	4	3	6	7	10½	85
1814	25	8	29	0	3	4½	7	15	3	103
1815	23	7	26	0	3	0	5	14	0	75.7
1816	27	2	25	0	4	8½	12	4	10	165
1817	32	5	40	4	4	1½	7	1	3¾	193.5
1818	32	5	32	8	4	3	6	7	10½	85
1819	28	2	32	8	3	5	8	10	10	113
1820	24	2	25	4	2	10½	5	3	6½	68.7
1821	19	6	22	4	2	10½	8	11	0¾	113.5
1822	18	1	21	10	2	11	7	5	5	96.8
1823	22	11	22	8	3	1¼	6	13	2¾	88.5
1824	24	10	25	0	3	2	7	18	4	105
1825	25	8	25	8	3	5	8	11	7	114
1826	26	8	27	8	4	5½	8	4	2¾	108.5
1827	28	2	35	8	3	8½	7	17	4	104
1828	22	6	27	0	3	4	7	6	4	97
1829	22	9	27	0	3	8½	8	16	1¾	117
1830	24	5	30	4	3	5	8	19	4½	119
1831	25	4	27	0	3	3¼	7	15	8	103
1832	20	5	26	0	2	8½	5	13	6	75.4
1833	18	5	20	0	1	10	4	0	8	53.5
1834	20	11	14	10						

HONICK HOME FARM.

1802-1833.

CORN ACCOUNTS.

<u>Year</u>	<u>Income</u>	<u>Expenditure</u>	<u>Nett.</u>
1802			
1803	£425	£84	£341
1804	529	33	496
1805	939	124	815
1806	1,105	29	1,076
1807	1,105	76	1,029
1808	1,001	6	995
1809	765	20	745
1810	614	79	535
1811	447	127	320
1812	604	66	538
1813	901	37	864
1814	389	62	327
1815	690	44	646
1816	685	278	407
1817	638	224	414
1818	775	276	499
1819	624	448	176
1820	777	211	566
1821	1,008	174	834
1822	673	5	668
1823	1,776	45	1,731
1824	1,331	88	1,243
1825	1,253	69	1,184
1826	958	169	789
1827	1,122	430	692
1828	1,019	194	825
1829	877	162	715
1830	1,383	183	1,200
1831	1,026	94	932
1832	1,623	105	1,518
1833	1,255	81	1,174

HOWICK HOME FARM. 1802-1830.

CATTLE.

Number of the various types of cattle on January 1st. each year.

Year	Oxen	Steers	Milk cows	Spayed Quoys	Open Quoys	Bulls	Calves	Kyloes	Total
1802	nil	14	11		11	nil	1	37	74
1803	8	24	13	9	6	2	3	21	84
1804	11	33	14	7	5	2	24	30	126
1805		43	15	9	8	2	233	19	119
1806		37	14	14	20	3	2	31	121
1807		21	9	7	16	2	23	15	93
1808		23	11	-	21	3	24	23	105
1809		27	10	-	24	2	14	34	111
1810		nil	11	-	2	nil	2	11	26
1811		-	11	-	1	-	nil	12	24
1812		-	11	-	-	-	-	11	22
1813		-	11	-	-	-	-	12	23
1814		-	20	-	-	-	-	11	31
1815		2	14	-	-	-	-	18	34
1816		4	14	-	4	-	-	19	41
1817		2	15	-	-	-	-	16	33
1818		2	13	-	6	-	-	18	39
1819		3	16	-	2	-	-	31	52
1820		7	14	-	21	-	5	24	71
1821		25	17	-	10	-	-	22	74
1822		36	19	-	22	-	1	20	98
1823		27	16	-	9	-	-	27	79
1824		23	14	-	10	-	2	73	122
1825		37	10	-	3	-	9	86	145
1826		44	10	-	11	-	7	26	98
1827		38	14	-	6	-	9	39	106
1828		20	13	-	7	-	8	55	102
1829		12	19	-	6	-	10	79	126
1830		9	16	-	7	-	4	90	126

N.B. The number of calves varies in so far as in some years ~~although~~ their status should change on January 1st. e.g. of the 24 calves listed for 1804 14 were steers, 4 open quoys, and 2 bulls in the next return.

Valuation of cattle 1804- Dec. 1808. (N.B. The totals of these valuations do not agree with the figures given in the fortnightly returns. since they include some cattle not on the home farm but grazing elsewhere.)

Jan. 1st. 1804 130 cattle valued at £1,798;

Jan 1st. 1805 118 @ £1,620/13/- : 1806 121 @ £1,474 : 1807 94 @ £1,126:

Jan.1st. 1808 106 @ £1,175 : Dec. 23rd. 1808 110 @ £1,260.

HOWICK HOME FARM. 1803-1833.

CATTLE ACCOUNTS.

Year.	Income. £s.	Expenditure. £s.	Balance. £s.
1803	1,277	1,038	239
1804	1,349	606	743
1805	1,492	608	884
1806	1,478	518	960
1807	702	165	537
1808	963	480	483
1809	1,430	155	1,275
1810	317	205	112
1811	308	236	72
1812	279	215	64
1813	311	304	6
1814	483	249	234
1815	443	246	197
1816	387	86	301
1817	382	2 233	148
1818	524	447	77
1819	935	768	167
1820	1,252	802	450
1821	945	505	440
1822	1,038	501	537
1823	1,309	737	572
1824	1,518	799	719
1825	1,780	837	943
1826	954	447	507
1827	1,092	349	743
1828	1,152	730	422
1829	1,202	650	552
1830	1,201	391	810
1831	1,162	672	490
1832	1,384	915	469
1833	1,564	835	729

N.B. These accounts do not take into consideration changes in the value of
of the stock between the beginning and end of the year.

HOWICK HOME FARM. 1802-1830.

SHEEP.

Numbers of the various types of sheep on January 1st. each year.
(for explanation of nomenclature see glossary.)

Year	Ewes (a)	Gimmers	Dinmonts	Wethers	Tups	Hoggs			Lambs	Total
						Ewe	Wether	Tup		
1802	(312)	nil	nil	50	nil	44	41	nil	nil	447
1803	220(11)	nil	48	70	7	72	30	nil	nil	558
1804	250	nil	nil	79	5	98	103	22	nil	557
1805	226	nil	1	33	24	105	122	20	nil	531
1806	274	nil	nil	33	21	117	115	27	nil	587
1807	278	nil	nil	nil	24	137	103	23	nil	565
1808	160	126	116	55	19	129	108	20	nil	733
1809	177	120	18	30	15	126	98	20	nil	604
1810	21	nil	nil	37	nil	1	nil	1	1	61
1811	7	nil	nil	70	nil	nil	nil	nil	nil	77
1812	1	nil	19	76	nil	nil	nil	nil	nil	96
1813	20	nil	nil	139	nil	nil	nil	nil	nil	159
1814	61	nil	nil	117	nil	nil	nil	nil	nil	178
1815	62	nil	nil	68	nil	nil	nil	nil	nil	130
1816	73	nil	nil	77	nil	14	73	nil	nil	237
1817	2	3	58	76	nil	2	55	nil	nil	196
1818	nil	7	40	71	nil	nil	nil	nil	nil	118
1819	nil	nil	105	68	nil	nil	nil	nil	nil	173
1820	149	107	69	70	3	62	48	nil	nil	528
1821	347	nil	209	69	4	139	131	nil	nil	899
1822	144	117	47	73	9	127	109	13	nil	639
1823	208	nil	40	28	8	213	91	7	nil	595
1824	206	nil	nil	19	7	110	118	5	nil	465
1825	220	nil	nil	13	10	117	111	10	nil	481
1826	244	nil	nil	1	11	136	124	10	nil	526
1827	289	nil	5	14	8	146	130	5	nil	597
1828	286	nil	28	36	8	119	110	6	nil	593
1829	uncertain as the fortnightly return is illegible for the sheep.									
1830	358	nil	77	22	13	135	126	8	nil	739
1831	204	115	8	21	8	115	109	6	nil	586

(a) In 1802 and 1803 the figures in brackets refer to 'mountian ewes', as distinct from the 'improved' ewes introduced into the flock in 1802.

N.B. The absence of Gimmers in a number of years is the result of not distinguishing them from the ewes.

HOWICK HOWE FARM.

SHEEP.

A. Valuations 1804-1808.

B. Details of Valuation of Jan. 1st. 1804.

C. Wool sales & prices.

A. Valuations:-

Jan 1st. 1804; 556 sheep @ £1,168/2/-
 Jan 1st. 1805; 530 sheep @ £1,139/5/-
 Jan 1st. 1806; 588 sheep @ £1,221/9/6
 Jan 1st. 1807; 565 sheep @ £1,210/14/6
 Jan 1st. 1808; 711 sheep @ £1,475/19/6
 Dec. 23rd. '08; 604 sheep @ £1,280/8/-

B. Details of Valuation of January 1st. 1804.

100 ewes @ £3 each .	£300
80 ewes @ 50/-	£200
70 gimmers @ 40/-	£140
98 ewe hoggs @ 30/-	£147
102 wether hoggs @ 33/-	£168/6/-
37 wethers @ 45/-	£74
42 heath wethers @ 28/-	£58/16/-
22 tup hoggs @ 50/-	£55
5 dinmont tups @ £5	£25
<u>556 total</u>	<u>£1,168/2/-</u>

C. Wool sales at various dates. (N.B. 11 stone equals 24 lbs.)

Year	Details	£.	s.	d.
1806	131 st. @ 24/6 per st.	160	9	6
1807	125½ st. @ 22/6 per st. (Mr. Meggison)	141	3	9
1808	no weight given sold to Mr. Pease	95	18	6
1809-1810	no details available			
1811	no weight given; sold September 13th.	33	2	-
1812	sold in small parcels at 1/- per lb., save for some 'cast' wool @ 4d and 6d.			
1813	5st. 18lbs. @ 25/-; 19st 12 lbs @ 13/6 per st.	20	6	6
1814	11st 20lbs @ 32/6; 9st 18lbs @ 15/6 4½lbs @ 2/-	27	4	-
1815	6st. 19 lbs @ 36/- ; 8st 15 lbs @ 20/-	20	17	-
1816	6st. @ 21/-; 13st. @ 20/-; 9st. @ 10/-	23	16	-
1817	21st @ 27/-; 11½ st @ 12/-	35	5	-
1818	19st. 16lbs @ 46/-; 8st. 10lbs @ 30/-	57	17	-
1819	132 st @ 33/-; 12st. @ 18/-; 45¾lbs @ 1/6	232	-	7½
1820	128 st. @ 33/6; 6½st. @ 18/-; 34 lbs @ 1/6 71lbs @ 1/4	223	5	4
1821	154st. @ 24/- (Sold April 1822)	184	16	-
1822	105st @ 19/-	99	15	-
1823	19st. @ 26/-; 97 st. @ 22/- : 10st. @ 8/-	135	8	-
1824	106st @ 26/-; 4st @ 8/-	139	8	-
1825	107st 18lbs @ 34/-	183	3	6
1826	113st @ 24/-	135	12	-

HOWICK HOME FARM. 1802-33.

SHEEP ACCOUNTS.

A. Wool sales & prices (cont.)

B. Income and Expenditure account 1803-33.

A. Wool sales (cont)

Year	Details	£	s	d
1827	98st. @ 23/-: 4st. @ 10/-	114	14	-
1828	102st. @ 21/-: 7st. @ 7/-	109	11	-
1829	96st. @ 20/-: 11st 10lbs. @ 6/-	101	8	6
1830	108st @ 24/-: 16st @ 10/-	137	12	-
1831	100st @ 27/-: 4st @ 13/6	137	14	-
1832	114st @ 25/-: 2st. @ 12/6	143	15	-
1833	107st @ 34/-: 3st 21lbs @ 15/-	184	16	-

B. Income & Expenditure accounts.

Year	Income	Expenditure	Nett	
1802	£794	£469	£325	excess of income
1803	700	388	312	
1804	606	77	529	
1805	1,086	281	805	
1806	997	127	870	
1807	568	115	453	
1808	966	102	864	
1809	1,128	111	1,017	
1810	249	161	88	
1811	295	203	92	
1812	183	170	13	
1813	394	320	74	
1814	555	131	424	
1815	341	227	114	
1816	336	92	244	
1817	580	229	351	
1818	424	360	84	
1819	1,368	1,466	£98	excess expenditure
1820	741	884	£143	excess expenditure
1821	1,222	145	£1,077	excess income
1822	731	228	703	
1823	723	110	613	
1824	495	nil	495	
1825	612	21	591	
1826	596	97	499	
1827	643	71	572	
1828	586	30	556	
1829	408	87	321	
1830	808	91	717	
1831	594	nil	594	
1832	647	21	626	
1833	708	33	675	

HOWICK HOME FARM

TYTHES, POOR RATE, & ASSESSMENTS.

Annual expenditure under the three heads 1803-33.

Year	Tythes (1)	Poor Rate	Assessments
	£s	£s	£s
1803	59	137	32
1804	152	129	74
1805	109	140	111
1806	113	136	93
1807	126	122	135
1808	121	127	149
1809	91	83	140
1810	127	63	46
1811	127	55	22
1812	153	48	34
1813	143	70	20
1814	104	68	6
1815	120	65	82
1816	119	£ 148 (Joint Poor Rate & Assessments)	
1817	76	89	
1818	125	78	
1819	113	122	
1820	260	146	
1821	270	136	
1822	230	120	
1823	225	114	
1824	220	114	
1825	245	113	
1826	270	117	
1827	250	119	
1828	260	113	
1829	250	122	
1830	250	111	
1831	250	95	
1832	260	93	
1833	265	131	

(1) The figures given here are nett and include a number of items of income for tythe at Howick, paid by small occupiers (Herds, hinds etc.). It is possible that in the early years there is a sum paid through the farm accounts that should more properly have been accounted for under Howick House.

HOWICK HOME FARM.

LABOUR EXPENSES.

Annual cost of labourers, smithwork, and Joiner and Cartwright work 1803-33.

Year	Labourers £s	Smithwork £s.	Joiner & Cartwright
1803	596	56	£23
1804	635	51	23
1805	515	42	20
1806	517	49	25
1807	524	52	43
1808	581	45	34
1809	515	36	26
1810	395	26	12
1811	335	27	11
1812	388	38	27
1813	385	44	19
1814	330	25	7
1815	366	39	13
1816	352	39	10
1817	346	28	6
1818	336	31	14
1819	541	60	36
1820	745	53	38
1821	784	48	23
1822	730	55	35
1823	675	48	20
1824	693	51	29
1825	678	54	24
1826	603	45	14
1827	589	41	38
1828	634	56	30
1829	587	46	35
1830	571	46	30
1831	646	42	30
1832	712	56	39
1833	679	42	28

HOWICK HOME FARM.

CONTINGENT ACCOUNT.

Annual income and expenditure with credit or debit balance 1803-33.

Year	Income	Expenditure	Balance	
	£s	£s	Credit £s	Debit £s
1803	nil	190		190
1804	nil	423		423
1805	nil	352		352
1806	209	437		228
1807	431	223	208	
1808	660	217	443	
1809	7	262		255
1810	460	125	335	
1811	473	146	327	
1812	579	185	394	
1813	497	348	149	
1814	599	180	419	
1815	729	172	557	
1816	635	218	417	
1817	756	150	606	
1818	694	195	499	
1819	851	456	395	
1820	935	264	671	
1821	688	724		36
1822	670	358	312	
1823	523	328	195	
1824	582	290	292	
1825	445	262	183	
1826	508	216	292	
1827	812	235	577	
1828	675	179	496	
1829	615	154	461	
1830	742	192	550	
1831	548	132	416	
1832	623	391	232	
1833	459	630		171

HOWICK HOME FARM.

PROFIT & LOSS. 1803-33.

N.B. See notes at foot of page.

Year	Income £s	Expenditure £s	Profit £s	Loss £s
1803	2,582	2,959		377
1804	3,022	2,242	780	
1805	3,640	2,313	1,327	
1806	4,007	2,198	1,809	
1807	2,884	1,660	1,224	
1808	3,731	1,917	1,814	
1809	3,567	1,478	2,089	
1810	1,766	1,299	466	
1811	1,703	1,289	414	
1812	1,837	1,323	514	
1813	2,282	1,691	591	
1814	2,138	1,227	911	
1815	2,309	1,413	896	
1816	2,141	1,271	870	
1817	2,089	1,405	684	
1818	2,528	1,907	621	
1819	3,918	4,210		£292
1820	3,820	3,214	406	
1821	3,929	2,817	1,112	
1822	3,174	2,032	1,092	
1823	4,376	2,310	2,066	
1824	3,991	2,302	1,689	
1825	4,126	2,322	1,804	
1826	3,114	2,009	1,005	
1827	3,761	2,122	1,639	
1828	3,552	2,273	1,279	
1829	3,213	1,927	1,286	
1830	4,273	2,394	1,879	
1831	3,404	2,416	899	
1832	4,307	3,040	1,267	
1833	4,043	3,254	789	

Notes:- The figures for 1803 are from the general ledger for that year, for 1804-1815 inclusive they are from the farm account books. and from 1816 onwards again from the general ledgers.
From 1830 onwards the cost of corn to horses and swine is included in the total expenditure figures. Before that date no such figures are available. The details for the last four years of these items are as follows:-

1830	Horses	£396	Swine	£64	total	£460
1831	Horses	£406	Swine	£50	total	£456
1832		£394		£31		£425
1833		£306		£57		£363

The Estates: Introduction.

For the obvious reason that to give the whole evidence from the estate records on which the study was based would involve far too many pages of figures I have selected such items as either have intrinsic importance as they stand, or exemplify the sort of evidence typical of all. For each estate a list of the holdings circa 1800 is given but apart from that only such other information as was selected on the above grounds.

For the Grey estate the additional information covers rent income 1803-44, new buildings 1808-34, interest charges and three typical annual balances. For the Crewe Trustees the additional information is the series of valuations 1795, 1807, 1813 and 1819 all carried out by the same agent, the rental of 1766, and descriptions of farm buildings and cropping.

Since the Greenwich material preserved in the P.R.O. is both so extensive and informative most of the important headings from the ledgers have been given in extenso. Since there are a number of points to be mentioned in connection with the ledgers etc. a short introductory note precedes them (p.73)
evidence

Although the ~~existing~~ for the Blackett of Matfen estate is very full I decided to exclude nearly all of it since the more important was discussed in detail in the text.

The Blackett/Beaumont material is exclusively concerned with the period after 1800 and includes most of the more important items of income and expenditure from 1820 to 1845. The Allgood material gives a series of 18th century rentals which have been given in extenso and also some indication of the family's indebtedness.

Since the Ecclesiastical estates' records involved a number of particular problems they will be discussed separately. (p.123)

Table 1.

List of farms with acreage in 1803.

Group 'A'

Name of farm	Acreage
Ulgham Grainge	400
Ferney Beds	300
Maiden's Hall	448
East Chevington	444
West Chevington	954
Chevington Woodside	680
Whitfield House	538
Broomhill	492
Total	<u>4,256</u>

Group 'B'

Name of farm	Acreage
Burton	1,048
Bradford	535
(Budle	151)
Ancroft Town	750
Ancroft Northside	250
Ancroft Eastside	617
Ancroft Moors	1,050
Ancroft Public	
House	? 25
Total	<u>4,426</u>

Group 'C'

Learmouth East	823
Learmouth West	974
Sunnylaws	317½
Presson Town	
Presson Hill	1,264
Downham	737
Wark Common	343
Howbourne	732
Total	<u>4,490½</u>

Group 'D'

Horton Eastside	1,024
Horton Westside	1,093
Millfield Hill	931
Coldmartin	189
Total	<u>3,237</u>

Grey Estates in 1803.

Group 'E'

Name of farm	Acreage
Harrowbog	1,800
Southrenknowe	1,500
Fleup, Fawcett, &	
Roughside	<u>3,500</u>
Total	<u>6,800</u>

Group 'F'

Hawkhill	720
Howick Seahouses	324
Howick Home farm and	
cottages, gardens etc.	<u>1,098</u>
Total	<u>2,142</u>

Summary

Group	Number of farms	Number of acres
'A'	8	4,256
'B'	8	4,426
'C'	8	4,490½
'D'	4	3,237
'E'	3	6,800
'F'	3 plus	<u>2,142</u>
<u>Totals</u>	<u>34</u>	<u>25,351½</u>

Table 2.

Grey Estates 'Rent Income'.

These figures are for the period 1803-1844 during which time the 2nd. Earl was owner (even though his uncle Sir Henry Grey did not die till 1808).

The tythe income is kept distinct from the farm rental income.

Year	Rents	Tythes	Year	Rents	Tythes
1803	£11,770		1823	20,852	505
1804	12,494		1824	22,786	636
1805	12,995		1825	22,186	933
1806	14,218		1826	21,329	?
1807	13,890		1827	23,309	857
1808	14,300		1828	23,547	803
1809	16,125		1829	21,083	564
1810	17,362		1830	22,916	886
1811	18,537		1831	24,670	585
1812	20,235		1832	22,536	815
1813	19,473	£447	1833	20,017	?958
1814	19,519	131	1834	not known	
1815	18,498	963	1835	20,822	619
1816	18,885	735	1836	20,574	646
1817	18,742	643	1837	22,008	548
1818	21,363	854	1838	21,887	507
1819	19,911	737	1839	23,137	?2,609
1820	21,976	763	1840	23,050	802
1821	21,629	709	1841	23,703	576
1822	19,374	830	1842	23,409	1,000
18			1843	22,495	536
			1844	22,275	238
			(1850	20,033	757)

N.B. These indicate the actual sums received from these sources, not the theoretical 'lease rental' of the estate each year. Thus in 1810 the lease rental was £18,906 and in 1820 £21,996 which was in both cases above the actual receipts.

Table 3.

Grey Estates 'Expenditure'

1. Among the miscellaneous accounts there is the following item.

'Account of disbursements for New Buildings and Fences from January 1st 1803 to January 1st. 1827.'

New Buildings at Howick(farm)	£6,178	"	18	"	11	
New building at Howick House	10,968	"	—	"	6	
New building to tenants	21,717	"	12	"	7½	
						£38,864 " 12 " 0½
Fences at Howick	2,749	"	5	"	8	
Moiety to tenants for fences	3,634	"	5	"	8½	
						£ 6,383 " 11 " 4½
Draining the whole of Howick estate	1,800	"	17	"	6	
New Bridges,roads etc.	2,577	"	6	"	7½	
						£3,378 " 4 " 1½
<u>Total</u>						<u>£49,626 " 7 " 6½</u>

2. Annual ledger entries under several headings ~~1808-1834~~ 1808-1834.

Year	New buildings tenants	Fences tenants	Repairs	
1808	£571	£159	£755	N.B. Prior to //n
1809	1,850	202	£855	1815 no distinctio
1810	1,683	844	1,268	is made in the
1811	1,437	527	901	ledgers between
1812	763	574	492	tenant and Howick
1813	245	332	500	expenditure on
1814	731	251	545	these heads.
1815	131	50	181	
1816	665	40	269	
1817	904	28	207	
1818	245	105	206	
1819	441	145	299	
1820	838	398	272	
1821	791	222	221	
1822	860	195	229	
1823	1,154	184	229	
1824	1,087 incl.Howick	70	216	
1825	1,592 ditto	181	289	
1826	1,211 ditto	9	210	
1827	1,613 ditto	56	268	
1828	896 ditto	19	149	
1829	149 only tenants	51	217	
1830	320 ditto	83	191	
1831	651	32	173	
1832	1,550	26	218	
1833	1,125	311	229	
1834	816	122	92	

Table 4.

Grey Estates 'Liabilities'

1. Interest paid out annually 1810-

(N.B. This is the sum payable against mortgages and bonds.)

Year	Interest payments	Year	Interest payments
1810	£2,506	1826	£5,534
1811	£2,489	1827	£6,571
1812	£2,235	1828	£6,620
1813	£3,172	1829	£7,025
1814	£4,561	1830	£7,123
1815	£5,122	1831	£7,328
1816	£5,293	1832	£7,292
1817	£6,026	1833	£7,607
1818	£5,972	1834	not known ~~XXXXXXXXXXXX~~
1819	£6,114	1835	£7,143
1820	£5,822	1836	£6,366
1821	not given	1837	£5,881
1822	£5,801	1838	£6,847
1823	£5,988	1839	£7,807
1824	£5,801(? £5,299)	1840	£7,768
1825	£5,732	1841	£8,025
		1842	£8,012
		1843	£7,706
		1844	£7,195

2. Statements of liabilities at several dates.

'A' January 1st. 1815. Total liabilities on bonds, notes etc.
£113,586 on which £5,680/3/- interest is paid annually.

'B' April 2nd. 1830.

£42,000	@ 5% p.a.	£2,100	
£28,137	@ 4½% p.a.	£1,266/3/3	
£25,050	@ 4% p.a.	£1,002	
£20,000	@ 4½% p.a.	900	Patrick Healty Esq.
£45,000		£1,905	Albion Insurance Co.
<u>£160,187</u>		<u>£7,173/3/3</u>	

See over (p.64) for statement of liabilities at the time of the 2nd Earl's death in November 1845.

Table 4 (cont.)

Grey Estates Liabilities.

Statement of Liabilities November 1845 (Death of 2nd Earl)
(N.B. Annual rental at that date c. £22,500 p.a.)

To whom due	Principal Sum	Rate %	Interest
1. On Mortgage			
Provident Life Insurance	£185,000	3½	£6,475
Rev. P.H. Douglas	10,000	4	400
Mr. Thos. Dunn	18,000	3½	630
Lady Caroline Barrington	5,000	3½	175
	<u>£218,000</u>		<u>£7,680</u>
2. On bonds			
Lady Caroline Barrington	5,000	5	250
Lt. Col. the Hon. Charles Grey	1,000	4	40
Capt. the Hon. J.W. Grey	1,500	4	60
Capt. the hon. George Grey	3,000	4	120
The hon Harry Grey	1,000	4	40
Miss Craster	10,000	4	400
General Ellice	15,000	4 & 4½%	615
Miss Bouverie	3,000	4	120
Mrs. Ellice	3,900	4 & 4½%	190/10/-
Hon. Mrs. Maria Grey	5,000	4	200
	<u>£48,400</u>		<u>£2,067/10/-</u>
3. Life Annuities.			
Dowager Countess Grey			£4,000
Lt.Col. Charles			200
Capt. J.W.			300
Capt. George			300
John			200
Francis			200
Lady Caroline Barrington			200
Lady Georgiana			200
Harry Cavendish Grey			300
The Hon. Charlotte Lady Grey			1,000
The Hon. Wm. George Grey			300
William Cooper			40
			<u>£7,240</u>

Total Liabilities:- Principal sum £266,400
Annual Payments £16,987/10/- (approx. 75% of
annual rent income.)

Table 5.

Grey Estates 'Annual Accts.'

Note:- The following annual General accounts are for three representative years. All items are given to the nearest £1.

1. General Account for 1816.

<u>Dr.</u>	£	<u>Cr.</u>	£
Balance from the farm (1816)	769	Balance 31st. Dec 1815	803
Howick Plantations	225	Assessments	373
Chevington Woods	1,483	Gardens	395
Rents	19,620	Howick Plantations	123
Landtax for N. Sunderland		Chevington Woods	483
tyhass	6	Charity	136
		Cellars	280
		Fuel	205
		County Rates	31
		Carting	200
		Property Tax	1,958
		Bathing House	19
		New buildings Howick	188
		New buildings tenants	665
		Fences	200
		Rents	635
		Stables	432
		Gamekeeper	164
		House servants	680
		Improvements	171
		Repairs	490
		Library	54
		Housekeeping (see details)	2,263
		Annuities	910
		Salaries	564
		Interest	5,293
		Sundries	376
Cash	5,707	Cash	11,691
Balance	1,963		
	<u>£29,773</u>		<u>£29,773</u>

Details of Housekeeping Account.

Poultry	£73/1/9
Groceries	£80/1/6
Ironmonger	£6/14/7
Upholsterer	£47/2/8
Chimney Sweep	£6/6/-
Medical Attend.	71/6/-
Apparel	£423/6/10½
Sundries	£588/14/5½
Meal & potatoes	£188/7/-

Meat:-

Pork/bacon	240 stone	£86/6/4
Mutton	572 stone	£224/5/8
Beef	497 stone	£171/17/8
Butchers'		£173/16/1½
bills	405 stone	//£656/5/9½
<u>Total</u>	1,714 stones	

N.B. 1,760 stones is equivalent to 11 tons.

Table 6 (cont)

Grey Estates 'Annual Accounts'

2. Annual Statement for the Year 1833.

N.B. There is no evidence to suggest that this account included any payments made by Earl Grey as Prime Minister in London.

<u>DR.</u>	£	<u>CR.</u>	£
Balance 31st. Dec 1832	3,760	Assessments	181
Balance from the farm	979	Chevington Woods	303
Chevington Woods	624	Plantations	91
Plantations	152	Gardens	597
Landtax	7	New buildings Howick	56
Rents	22,017	New Buildings tenants	1,125
Lamb Tythe	333	Fences	449
North Sunderland Corn Tythe	242	Repairs Howick	201
Longhoughton Corn Tythe	384	Repairs Tenants etc.	234
Mineral Rents	579	Charity	85
		Bathing House	24
		Annuities	50
		Sundries	297
		Gamekeeper	239
		Servants' salaries	208
		Steward	(360) 260
		Saddle horses	18
		Stables	348
		Rents	283
		Minerals	259
		Housekeeping	1,565
Cash	36	Cash	9,820
		to Lord Howick	3,000
		Col. Charles Grey	150
		Capt. F.W. Grey	225
		George Grey	100
		Interest	7,607
			27,947
		Balance due	1,137
29	£29,111		£29,111

Note. It is clear that there are some items omitted from this statement and the arithmetic is apparently often in error. From the ledgers it is not possible to discover the source of such mistakes and it was thought better to give an exact transcription rather than make such corrections as would appear needed.

Table 5 cont.

Grey Estates 'Annual statments'

3. Annual statement for one year ending November 1st 1850.

N.B. The form of this account differs from the two earlier ones in detail but remains comparable in the main.

1. <u>Income</u>	In value	In cash	<u>Expenditure</u>	In value	In cash
Department	£s	£s	Department	£s	£s
Cattle	118	1,336	Housekeeping	270	2,896
Sheep	40	405	Cellars etc.		187
Pigs	11	37	Stables	280	575
Corn	444	380	Travelling	6	326
Farm Contingenmts	489	54	Gardens	61	557
Drainage %		863	Improvements	8	32
Buildings %		72	Plantations	30	201
Rents		19,913	Chevington Woods		5
Tythe rent charges		758	Wages general		197
Broomhill Colliery %		570	Gamekeeper	62	175
ditto p.railway	163	2,323	Farm		
ditto p. shipping		742	labour		923
ditto for interest		143	joiner,smithetc.		85
Hawkhill tilery	135	382	contingenmts	7	553
Howick Plantations		57	rates & taxes		108
Cash Account		33,681	corn		44
Schools		16	stock		997
Housekeeping Dairy		47	Horses'corn	234	
Broomhill Farm		288	Howick Farm		
	<u>1,519</u>	<u>62,070</u>	buildings etc	11	113
		1,519	drainage	63	99
			horses &		
			implements		20
		<u>4,111</u>	Howick Cottages etc		
		<u>£67,700</u>	(incl saw mill)	136	802
			Tenants		
<u>Expenditure (cont)</u>			farm buildings		760
Sundries	33	361	cottages	10	960
Hawkhill tilery	37		fences	3	170
Broomhill Colliery			draining	28	1,640
ordinary	55	4,805	permanent improvements		1,153
extraordinary		1,657	Howick House repairs	2	164
Assurances		103	Howick Church		962
P.ledger and Cash	120	35,674	Carlton House Terrace,		
	<u>1,519</u>	<u>64,181</u>	Belgrave sq. etc ¹		2,675
		1,519	Howick Grainge	18	6
			Rates and taxes		440
		<u>1,999</u>	Rents etc.		1,182
		<u>£ 67,700</u>	Subscriptions etc.	33	361
			Schools	3	113
Add balance overdrawn in the					
year ended Nov.1st 1849					

Table 1.

Crewe Trustees. Rental 1766-67

'The Rental of Bamburgh estates from Pentecost 1766 to Pentecost 1767.'

Sunderland Broadway

Thos. Thompson & Thos. Anderson one farm	£15	
Henry Johnson jun. one farm and a half	£22/10/-	
Wm. Anderson one half farm	£7/10/-	
Henry Grey one farm and three quarters	£26/5/-	
Mathew Wake one quarter of a farm	£3/15/-	
		£75

Sunderland West Field

Wm. Anderson one farm	£13	
Henry Grey one farm	£13	
Thos. Thompson & Thos. Anderson one farm	£13	
		£39

Sunderland Copyhold rents (ten tenants)	£34/2/8
Sunderland copyholders in lieu of bondage (same ten)	£25

Shoston

Copyhold rent	£9	Henry Grey	
In lieu of bondage	£1/10/-	sole tenant	
Leasehold	£90	at Shoston	£100/10/-

Bamburgh (Town) lands	Henry Grey		£240
Bamburgh Friars'	Henry Grey	£43/6/8	
	John Dodds	£43/6/8	
			£86/13/4

Fleatham Lands	Ralph Ostins	£51/10/-	
	Thos. Taylor	£51/10/-	
Fleatham Mill	(No name given)	£24	£127
Burton Corn Tythe	John Charlton		£27
Thornton Land	George Nicholson	£84/8/-	
	William Jeffreys	£49/3/4	
	Patrick Dodds	£46/17/-	
Colliery: Green, Clark & Redhead		£106/5/-	
			£313/13/4

Fishing in the Tweed	Mr. Joseph Ord	£150
Berwick Quit rents		£ 4/18/4
Miscellaneous small rents (details given in the original)		£33/15/4

<u>Total of Rental</u>	<u>£1,249/8/4</u>
------------------------	-------------------

Table 2.

Crewe Trustees: Valuation 1795

N.B. This and the Valuations of 1807, 1813 and 1819 were all carried out by the same agent.

Name of holding		Tenant	A.	R.	P.	£	s	d
Bamburgh Town	\$	Henry Grey	326	2	18	275	13	7
Friar's	\$	Wm. Humble	183	1	3	176	8	8
Eastside	\$	Thos. Wood	71	1	20	53	19	11
Town Crofts		Rev. A. Boulton	16	2	25	19	19	2
Townhead		Rev. M. Maughan	8	-	-	8	8	0
Gunnerton		Wm. Humble	8	-	-	8		
Hellpits	\$	Dr. Collingwood	26	-	28	30	8	6
New Close	\$	Geo. Hall	43	-	32	31	1	7
Dr. Sharp's		J. Robson	1			10		
Ewart's		J. Elliott	5	-	28	6	9	4
Warner's		ditto	1	2	37	3	10	0
Cottages		Several		3	-	14	12	
Common Closes		several	42	-	11	33	7	1
Greenhill	\$	Messrs Robson	158	3	12	102	9	11
			893	-	14	£774	17	9
Shoston	\$	Henry Grey	433	1	4	395	12	9
Sunderland								
N. Side	\$	Geo Hall	10			£9		
S.W. Field	\$	Robinson	42			37	16	-
Mid. West Field	\$	Thompson	60			51	5	
N.W. Field	\$	Anderson	70	2	-	55	10	
Lane close		Blackett	10			8		
North Field	\$	Johnson	63			54	9	
Colliery & Limekiln	\$	Robinson & co.	119			421	12	
Kelp Rocks		Robinson & Co.	nil			21		
Tythe fish		Henry Grey	nil			6		
Rabbits		Charles Swan	nil			5		
Fleatham								
N. Side	\$	Taylor	266	2	24	132	15	11
S. Side	\$	Ostins	258	-	6	133	11	6
Mill	\$	Eadington	26	-	13	61	13	5
Thornton								
N. Side	\$	Wm. Wood	591	2	2	442	4	1
S. Side	\$	Robt. Nicholson	582	-	34	298	16	6
Colliery farm	\$	Sibbett & Smith	52	2	30	31	12	3

N.B. (a) Fractions of one penny have been omitted throughout.

(b) The farms marked ' \$ ' have their later valuation given in table 3.

Table 3

Crewe Trustees Valuations 1807, 1813
and 1819.

<u>Name of Holding</u>	<u>size</u>	<u>1807</u>	<u>1813</u>		<u>1819</u>	
		<u>£s.</u>	<u>acres</u>	<u>£s.</u>	<u>acres</u>	<u>£s.</u>
Bamburgh Town	221	453	239	528	241	480
Friars	187	413	226	465	222	425
Eastside	63	87	ceased to exist as a separate farm			
Hellpits	24	43	24	45	24	61
New Close (etc.)	69	64	ceased to exist as a separate farm			
Shoston	437	667(800)	437	736(838)	439	666
Sunderland						
N.Side	11	21(25)	11	20(25)	11	16
S.W.Field	? included with Limekiln and colliery					
Middle W.Field	60	97(121)	60	101(126)	60	104
N.W.Field	74	111(138)	74	117(147)	74	108
North Field	66	107(135)	66	114(143)	65	107
Colliery etc farm	167	270(337)	167	270	not given	
Bamburgh						
Red Barns	164	126	158	141	164	119 (a)
Fleatham						
N.Side	276	362	276	386	276(527	£709
S.Side	248	364	247	385	?	(
Mill	28	114	28	124	26	90
Thornton						
'A' (Wood's)	304	413(495)	306	441(529)	315	396
'B' (Nicholson's)	566	455(546)	564	495(594)	578	634
'C' (Makins')	301	265(275)	323	315(326)	321	305
'D' (Sibbet's)	82	74(77)	82	74(77)	under lease not valued.	

N.B. The figures in brackets are those of the total valuation prior to the deduction of a proportion for tythes where payable. The 1819 valuation (as that of 1795) does not give such a figure but only that after such deductions have been made.

(a) This farm tenanted by a family called Moffett only came into existence in 1802-6 and included some land in N.Sunderland as well as Bamburgh.

Table 4.

Crewe Trustees 1795.

The following descriptions attached to the Valuation of 1795 of the three holdings at Thornton illustrate the sort of buildings attached to these large farms.

'A' Thornton Northside (Wm. Wood tenant 591 acres)

'Upon this farm are two complete dwelling houses detached from each other, a lofted stable with four stalls, a wood house with a loft above the same, two hovels with granaries above the same and a barn - all covered with pantiles. Likewise two barns, one stable for six horses, and eight cottages in the village of Thornton besides three cottages and a cart house in the Eastfield called East Gants and Edmund's Hill - all thatched.'

'B' Thornton Southside (Robt. Nicholson tenant; 582 acres)

'Upon this farm are two good dwelling houses adjoining each other, one stable for eight horses, another with a granary above the same, another for four horses; a hovel and cart house - all covered with pantiles. Also one pease barn, two byars, and eleven cottages (three of which are coming down by the failure of the walls and main timber) all thatched.

'C' Colliery farm

'Upon this farm are fourteen cottage houses all thatched.'

N.B. 'In the village of Thornton there is likewise a dwelling house for the schoolmaster covered with pantiles and a school house thatched with a small garden adjoining the same.'

Table 45

Crewe Trustees: Cropping 1823.

The following details from a few selected farms illustrate the type of crops grown and the estimated production per acre.

'A' Bamburgh Town Farm Robt. Grey tenant.

193:1:3	arable	fallow	20:1:21	
46:2:6	grassland	turnips	25:2:23	thirty loads
1:2:21	Homestead	Wheat	36:2:14	28 bushels
241:1:30		oats	56:1:20	42 bushels
		clover	54:1:5	2 tons of hay
		grass	46:2:6	1 stint
		waste	1:2:21	
			241:1:30	

'B' Bamburgh Friars' farm Wm. Humble tenant.

169:1:11	arable	fallow	11:1:24	
51:1:10	grassland	turnips	40:0:31	thirty loads
1:2:15	homestead	wheat	35:0:0	28 bushels
222:0:36		barley	11:3:3	45 bushels
		oats	35:0:17	42 bushels
		clover	35:3:16	2 tons of hay
		grass	51:1:10	1 stint
		waste	1:2:15	
			222:0:36	

'C' Shoston farm Robt. Grey tenant.

297:1:16	arable	fallow	41:1:30	
96:3:12	grassland	turnips	43:0:0	24 loads
37:2:18	links	wheat	86:1:30	28 bushels
7:2:11	homestead	oats	60:2:22	42 bushels
439:1:17		beans	30:1:0	30 bushels
		clover	33:2:14	1 $\frac{3}{4}$ tons of hay
		grass	96:3:12	2 stints per three acres
		links	37:2:18	6 young cattle on the whole
		waste	7:2:11	
			439:1:17	

'D' Thornton Southside. Jas. & Wm. Nicholson tenants.

401:1:38	arable	fallow	41:2:39	
88:1:38	grassland	turnips	44:0:0	20 loads
74:0:4	bogs	wheat	63:2:22	22 bushels
14:1:38	roads & home.	barley	23:3:0	36 bushels
578:1:38		oats	73:0:0	30 bushels
		beans	6:1:13	24 bushels
		1st.yr.clover	90:0:4	1 $\frac{1}{2}$ tons of hay
		2nd.yr.clover	59:0:0	2 sheep per acre
		grass	88:1:38	2 stints per 3 acres
		bogs	74:0:4	10 young cattle in summer for the whole

The problem of too much evidence is particularly present for the Greenwich Hospital estates; the need for information to be transmitted by letter between London and the North East and the recurrent pressures from Parliament fearing sometimes with justification the presence of corruption meant that probably far more material was produced than would have been the case on a similarly large estate in private hands. When this is allied to the fact^{of} the rate of survival of such public records ~~is~~ the magnitude of the problem can be readily imagined.

From this mass I have excluded from the statistical tables most of the ledger material not contained in the ~~larger~~ series. The exception to this is that from the published 'Visitation of 1805' I have extracted the list of farms with their acreage. In the 14th, Report of the Commissioners of Navel Enquiry details of the rents during the 18th century are given ~~but as they stand~~ but ~~are misleading~~ (Parliamentary Papers 1806 LV) ~~as that~~ although they purport to give exact information they are sometimes misleading.

Since the accountancy procedures in the ledgers contain certain peculiar characteristics a separate short introductory note is given to them on page 79.

Table 1.

Greenwich Hospital Estates 1805.

<u>Name of Estate</u>	<u>Farm</u>	<u>Acreage</u> (1805)	<u>No.</u>
Scremerston	Town farm	1,247	1
	Quarry farm	105	2
	Borewell	392	3
	Inlands Pasture	1,029	4
	Colliery farm	56	5
Total		2,829	
Spindleston	Spindleston	439	6
	Glororum	447	7
	Outchester	525	8
	Chesterhill	506	9
Total		1,917	
Middleton Hall		1,098	10
Meldon and appurtenances			
	Meldon Park S.	375	11
	Meldon Park N.	163	12
	Meldon East farm	213	13
	Meldon West farm	283	14
	Needless Hall	470	15
	Needless H.Moor	395	16
	Hartburn Grainge W.	353	17
	Hartburn Grainge E.	343	18
	H'burn G.Middle	366	19
	H'burn G.Cottage	11	20
	Whitlees & Leehouses	665	21
Total		3,627	
Buteland		608 (plus common)	22
Dilston	Demesne Haugh W.	258 (38 new allot's)	23
	Demesne Haugh E.	251 (47 ")	24
	Demesne Hall farm	174 (43 ")	25
	Demesne Park N.	305 (130 ")	26
	Demesne Park S.	197 (all old enclos's	27
	Mill	15	28
	(Nursery in hand	21	29)
	Newtown North	259 (89 new allot's)	30
	Newtown South	236 (116 ")	31
Total		1,680	
Corbridge	Town farm	91	32
Thornbrough	South farm	236	33
	East farm	187	34
	North farm	158	35
	High Barns	285	36
Total		866	
Newton Hall	(Joint holding)	434	37

Table 1 cont.

Greenwich Hospital Estates 1805.

<u>Name of Estate</u>	<u>Farm</u>	<u>Acreage</u>	<u>No.</u>
Whittle	Whittle farm	184	38
	Whittle mill	20	39
Throckley	Total	204	
	N.farm & mill	182	40
	S.farm	344	41
	Lees housing	8 (Public House)	42
Newlands	Total	534	
	Haugh farm	87	43
	Park farm	129	44
	Town farm	175	45
	South farm	205	46
	Morrowfield	267	47
	Mill	21	48
	Total	884	
Whittonstall	Lawson's farm	202	49
	Hood's close etc.	225	50
	Hall farm	115	51
	Brown's & Sproat's	205	52
	Highfield East	173	53
	Highfield West	160	54
	Fairle	219 (7278)	55
	Total	1,358	
Wooley	Wooley farm	272	56
Hexhamshire	Aydon Shield	232 (83 new allot's)	57
	Salmon Field	224 (102 ditto)	58
	Rawgreen E.& W.	241 (127 ditto)	59
	Turfhouse	94 (all old)	60
	Heckley House	201 (96 new)	61
	Rowley Head	200 (67 new)	62
	Gairshield	152 (92 new)	63
	Eads Bush	27 (9 new)	64
	Peacock House	143 (71 new)	65
	Myrehouse	91 (45 new)	66
	Staples North	56 (28 new)	67
	Staples South	54 (23 new)	68
	Whitley Mill	33 (25 new)	69
	Nether Holmes	17 (8 new)	70
	Total	1,765	
Coastley	Coastley farm	413	71
	Coastley burnfoot	5	72
	Longhope	247	73
	Bagraw	61 137	74
	Heckford	114	75
	Highside	78	76
	Highwood	182	77
	Westwood	152	78
	Total	1,328	

Table 1 cont.

Greenwich Hospital Estates 1805.

<u>Name of Estate</u>	<u>Farm</u>	<u>Acreage</u> <u>Total</u>	<u>New Allot's</u>	<u>No.</u>
Langley Barony (South of Tyne)				
	Langley Castle	245	12	79
	Lightbirks	155	51	80
	E.Lands Ends	140	0	81
	W.Lands Ends	115	0	82
	Priest's Field	23	0	83
	Esphill	66311	66	84
	Lees	258	89	85
	E.Deanraw	147	55	86
	Middle Deanraw	188	63	87
	West Deanraw	83	51	88
(N.B. An additional new Allot.of 41 acres attatched to Middle and West Deanraw jointly.)				
	Lough(green)	82	7	89
	Tedcastle	74	21	90
	Plankey Mill etc.	60	29	91
	Plankey Cottage	4	0	92
	Vauce & Loaningfoot	115	0	93
	Sillywray	42	18	94
	Harsondale	204	103	95
	Nilston Rigg	328	328	96
	Langley Lead Mill	224	0	97
	Smithy &ground	43	43	98
	Hare Moss Common	53	53	99
	<u>Total</u>	<u>2,894</u>	<u>1,168</u>	
Langley Barony (North of Tyne)				
	Grindon Hill	274	274	100
	Grindon Farm	676	676	101
	Beamwham	235	165	102
	Whitechapel	315	187	103
	Lipwood	249	142	104
	Lipwoodwell	497	391	105
	Rattenraw	179	nil	106
	Heugh House	135	60	107
	Haydon Town farm	193	103	108
	Broomhill & Peelwell	153	89	109
	Haydon Tythe farm	108	55	110
	Tofts	162	75	111
	E. Mill Hills	254	157	112
	W. Mill Hills	159	80	113
	Plenderheath	112	39	114
	W.Brokenheugh	136	43	115
	Altonside	118	nil	116
	E.Brokenheugh	489	290	117

Table 1 cont.

Greenwich Hospital Estates 1805.

Langley Barony (North of Tyne) cont.

Name of farm	Acreage		No.
	Total	New Allots.	
Allerwash Town	244	75	118
Allerwash West	285	170	119
Allerwash East	60	nil	120
Fourstones East	344	12	121
Fourstones West	382	253	122
F'stones Colliery	65	29	123
Haydon Court House	15	nil	124
1,000 yr leases at Whinnetley	138	nil	125
<u>Total</u>	<u>5,839</u>	<u>3,365</u>	

Wark & Elrington

Dinnetley	105	34	126
Elrington Hall	495	uncertain	127
Elrington East	578	uncertain	128
Woodhall	239	nil	129
Woodhall Mill	40	nil	130
<u>Total</u>	<u>1,457</u>	?	

Allotments from several commons in Wark Barony

Allotted post 1805	Wark Manor Farm (1768)	79	131
	Broadpool (1768)	571	132
	Tarrettburn (1816)	872	133
	Thorneyburn (1816)	316	134
	Stannersburn		
	Tythe (1814)	235	135
	Greystead (1814)	69	136
	Greystead tythe (1814)	43	137
	Eallingham Rigg (1814)	117	138
	Total of common allotments in 1805	650 acres	
	ditto by 1818	2,302 acres.	

Table 2.

Greenwich Hospital Estates: Synopsis 1805.

'A' North Northumberland

Middleton Hall, Spindleston, and Scremerston joint acreage 5,844 in ten holdings.

'B' Mid. Northumberland

Meldon and Buteland Estates: 4,918 acres in twelve holdings.

'C' Corbridge/Hexham District (Tyne Valley farms)

Dilston, Corbridge, Thornbrough, Newton Hall estates: 3,068 acres in fourteen holdings.

'D' Corbridge/Hexham District (High land to South of Tyne)

Newlands, Whittonstall, Wooley and Hexhamshire Estates: 4,345 acres in twenty-nine holdings.

'E' Corbridge/Hexham District (Semi-industrial estates)

Whittle and Throckley estates 578 acres in five holdings including the colliery.

'F' South West Northumberland.

Coastley, Langley Barony (North and South of Tyne) and Wark Barony: 12,063 acres in 60 holdings.

'G' Cumberland Estates (Not analysed in this study)

Aslton Moor and Keswick estates: 1,256 acres in 34 holdings

Number of holdings in the several size categories.

<u>Group.</u>	<u>Size category</u>								
	1	2	3	4	5	6	7	8	Total
'A'	3	1	4	1	1	0	0	0	10
'B'	1	1	7	2	0	0	1	0	12
'C'	0	0	6	6	1	0	1	0	14
'D'	0	0	3	16	6	2	2	0	29
'E'	0	0	1	2	0	0	1	1	5
'F'	0	3	13	28	9	3	2	2	60
cf. 'G'	0	0	1	2	3	13	7	8	34
Totals (less 'G')	4	5	34	55	17	5	7	3	130

Greenwich Hospital Ledgers.

following

The following tables are transcriptions from the ledger series listed in the P.R.O. under Adm.70/1-50. Each volume covers two years and they are numbered chronologically. Thus, for example, 70/27 covering the years 1802-3 is followed by 70/28 covering 1804-5. The accountancy year usually ran from November 1st to Oct.31st. and the year is that ending in October.

To this general rule there are a number of exceptions when for one reason or another the period covered is either longer or shorter. These are:-

1739 ending December 31st therefore 14 months.

1740-41 ending June 30th 1741 therefore 18 months

From then till 1763 the year ended on June 30th (for example 1754 is for the period July 1st 1753 to June 30th 1754.)

1764 ending December 31st 18 months

1765 ending June 30th. 6 months

1766 ending November 1st (sic) 17 months.

1809 ending January 31st (death of N.Walton) 15 months

1810 From February 1st to October 31st 9 months

1821 two accounts one ending April 7th (death of Forster)

one ending December 31st

After 1821 the accounting year ran from January 1st to December 31st.

In 1756/7, 1760/1, 1762/3, 1764/5, 1768/9, the ledgers cover two years without giving annual figures for all items and in ~~that~~ those cases where realistic I have given the annual average.

Greenwich Hospital Estates.

Rent receipts each year 1745 -1828

Year	Rents
1745	£6,965
46	6,983
47	6,983
48	6,983
49	6,983
1750	6,988
51	6,988
52	6,996
53	7,133
54	7,505
1755	7,539
56	7,555 (average)
57	
58	7,537
59	10,665
1760	10,667 (average)
61	
62	10,640 (Average)
63	
64	10,719 (average)
1765	
66	10,821
67	11,863
68	11,419 (average)
69	
1770	11,608
71	11,678
72	11,783
73	11,823
74	12,065
1775	12,069
76	12,099
77	12,315
78	12,323
79	12,366
1780	16,766
81	16,776
82	16,754
83	16,993
84	16,696
1785	16,669

Year	Rents	
1786	£17,599	
87	17,491 (17,491)	
88	17,587	
89	17,824	
1790	18,029	
91	18,298	
92	18,363	
93	18,324	
94	18,331	
1795	18,470 ²	
96	19,048	
97	19,002	
98	19,164	
99	19,334	
1800	18,960	
01	20,966	
02	21,204	
03	21,371	
04	23,034	
1805	23,583	
06	24,549	
07	30,032	
08	31,251	
09	31,534	
1810	36,590	
11	36,325	
12	36,608	
13	40,347	
14	40,800	
1815	41,897	
16	41,820	
17	43,446	
18	39,837	?10% abated
19	39,342	?10% abated
1820	39,448	?10% abated
21	39,923	
22	40,944	
23	33,732	?15%
24	32,442	?15%
1825	33,517	?15%
26	40,112	
27	39,698	
28	40,303	

Greenwich Hospital Estates.

Rent Receipt each year 1829/30 to 1862/3.

Year	Rents	5yr ave.	Year	Rents.
1829/30	£40,392	---	1845/46	£28,432
1830/31	41,320	---	46/47	28,486
31/32	40,409	---	47/48	27,811
32/33	37,140	---	48/49	28,112
33/34	34,232	---	49/50	27,829
34/35	33,257	£37,272	1850/51	28,845
1835/36	29,983	---	51/52	29,415
36/37	28,494	---	52/53	29,457
37/38	28,427	---	53/54	29,231
38/39	28,415	---	54/55	29,551
39/40	28,461	£28,756	1855/56	29,750
1840/41	28,452	---	56/57	32,977
41/42	28,442	---	57/58	33,101
42/43	28,301	---	58/59	32,949
43/44	28,381	---	59/60	33,502
44/45	28,348	£28,385	1860/61	33,864
			61/62	33,675
			1862/63	33,676
				£33,739

Greenwich Hospital.

Arrears outstanding at the end of each financial year. 1736-1828.

<u>Year</u>	<u>Arrears</u>	<u>Notes</u>	<u>Year</u>	<u>Arrears</u>	<u>Notes</u>
1736 (Nov.)	£5290		1781	£6350	
37	5464		82	7815	
38	5056		83	7576	
1739 (Dec.)	4732		84	8176	
1741 (Jun.)	5485		1785	8103	
42	5721		86	8155	
43	5788		87	6751	
44	5810		88	5661	
1745	6283		89	3692	← Recoverable £1939
46	6806		1790	3938	irrecoverable
47	7325		91	3955	
48	7591		92	3285	
49	7074		93	3772	
1750	6457		94	3382	
51	6400		1795	3657	
52	6224		96	3165	
53	6209		97	3190	
54	6429		98	2784	
1755	5846		99	2124	
56	~~5105~~	2yr. Ledger	1800	1392	
57	5305		01	704	
58	5176		02	1115	
59	6465		03	1757	
1760		2yr Ledger	04	2213	
61	7705		1805	1949	
1762		2yr. Ledger	06	2161	
63	9163		07	2036	
64 (Dec.)	9787		08	2139	
1765 (Jun.)	9959		09 (to Dec)	2593	
66 (Nov.)	4187		1810 (to Nov)	3111	
67 (Nov.)	3780		11	3506	
68			12	1638	
69	3149		13	1205	
1770	3179		14	2135	
71	3134		1815	6905	
72	2878		16 ¹	15383	
73	2984		17	15944	
74	3150		18	13034	
1775	3092		19	9991	
76	3158		1820	9214	
77	3384		21	9874	
78	3010		22	14804	
79	3056		23	12893	
1780	~~3305~~ 4381		24	10847	
			1825	9098	
			26	6650	
			27	9654	
			28	10,153.	

Greenwich Hospital

Amount spent on Repairs each year 1736-1828

<u>Year</u>	<u>Amount</u>	<u>Year</u>	<u>Amount</u>
1736	£ 64	1782	£2584
37	1054	83	3634
38	2757	84	1771
39	2256	85	2070
1740		86	2024
41	1291	87	1699
42	211	88	700
43	301	89	1594
44	208	1790	2039
1745	459	91	883
46	78	92	828
47	105	93	831
48	213	94	786
49	87	1795	1072
1750	77	96	781
51	99	97	862
52	48	98	899
53	135	99	1840
54	371	1800	2909
1755	682	01	3533
56	468	02	3701
57		03	3557
58	51	04	2917
59	1635	1805	4012
1760	5002	06	4219
61		07	5907
62	2517	08	5471
63		09	7272
64	330	1810	7354
65	340	11	10386
66	1321	12	10594
67	701	13	13627
68	1105	14	10721
69		1815	8672
1770	892	16	7363
71	792	17	2118
72	572	18	2977
73	367	19	7667
74	202	1820	7804
1775	798	21	9983
76	895	22	7343
77	507	23	5907
78	1471	24	8008
79	3009	1825	4179
1780	3469	26	7842
81	2508	27	7068
		28	5409

Greenwich Hospital Estate.

Amount spent annually on Hedges 1759- 1828

Year	£s	Year	£s
1759	395	1791	506
1760	709	92	160
61		93	130
62		94	165
63	777	1795	232
64	422	96	216
1765	69	97	188
66	194	98	280
67	97	99	228
68		1800	275
69	183	01	977
1770	63	02	620
71	580	03	563
72	209	04	972
73	31	1805	930
74	64	06	830
1775	32	07	1371
76	16	08	1416
77	548	09	1270
78	499	1810	1449
79	915	11	2216
1780	1396	12	2547
81	1461	13	3138
82	1200	14	2697
83	848	1815	2514
84	840	16	2317
1785	1108	17	2307
86	848	18	1535
87	736	19	1675
88	294	1820	1197
89	442	21	1603
1790	432	22	2061
		23	1637
		24	1227
		1825	1508
		26	1494
		27	1703
		28	1520

Greenwich Hospital Estates.

Income and expenditure on Woods on the Estate 1736-1828.

Year	Income £	Expenditure £	Balance Income	Expenditure
1736		20		20
37	99	nil	99	
38	53	nil	53	
39	109	4	105	
1740				
41	60	nil	60	
42	2	nil	2	
43	23	nil	23	
44	10	nil	10	
1745	17	nil	17	
46	15	nil	15	
47	11	nil	11	
48	17	nil	17	
49	1	20		19
1750	nil	48		48
51	58	55	3	
52	31	51		20
53	51	62		11
54	51	51		
1755	55	59		4
56				
57	236	138	98	
58	85	100		15
59	142	88	54	
1760				
61	465	253	212	
62				
63	345	183	162	
64	53	74		21
1765	nil	17		17
66	234	95	139	
67	53	42	11	
68				
69	193	83	110	
1770	150	57	93	
71	162	53	109	
72	247	83	164	
73	915	70	845	
74	115	70	45	
1775	423	201	222	
76	200	424		224
77	396	423		27
78	178	1994		1,816
79	370	1306		936
1780	329	801		472
81				

Greenwich Hospital Estates.

Income and Expenditure on Woods on the Estate 1736-1828 (Cont.)

Year	Income £	Expenditure £	Balance Income	Expenditure
1781	986	874	112	
82	1,666	1,156	510	
83	1,780	852	928	
84	875	461	414	
1785	1,495	309	1,184	
86	1,002	589	413	
87	1,414	561	853	
88	1,168	196	972	
89	738	584	154	
1790	1,402	751	651	
91	2,592	838	1,754	
92	2,805	659	2,146	
93	2,480	783	1,697	
94	3,518	739	2,779	
1795	3,651	698	2,953	
96	2,825	831	1,994	
97	4,307	875	3,432	
98	4,838	896	3,942	
99	3,567	871	2,696	
1800	2,986	980	2,006	
01	4,596	1,108	3,488	
02	2,416	844	1,572	
03	3,442	1,104	2,338	
04	2,691	1,206	1,485	
1805	984	1,207		£223
06	3,241	1,426	1,815	
07	1,782	1,627	155	
08	2,034	2,044		10
09	1,565	2,339		774
1810	1,498	2,882		1,384
11	1,979	4,423		2,444
12	2,323	4,433		2,110
13	3,586	4,564		978
14	3,863	4,339		476
1815	4,589	4,651		62
16	5,580	3,941	1,639	
17	3,600	3,813		213
18	4,116	3,228	888	
19	3,188	3,344		156
1820	3,643	3,429	214	

Greenwich Hospital Estates.

Income and Expenditure on woods on the Estate 1736-1828 (cont.)

Year	Income £	Expenditure £	Income	Balance	Expenditure
1821	1,637	3,326			£1,689
22	1,878	3,769			1,891
23	1,482	2,230			748
24	1,998	2,337			339
1825	2,754	2,213	£541		
26	1,254	2,623			1,369
27	1,718	3,831			2,113
1828	?	2,738			

Greenwich Hospital Estates.

Sums expended on several enclosures.

1. Hexhamshire

1755	£291
1756	£117
57	
58	7
<u>Total</u>	<u>£415</u>

2. Hexham & Allendale

1798	£424
99	221
1800	493
01	546
02	329
03	224
04	23
<u>Total</u>	<u>£2,260</u>

3. Langley South Common

1797	£739
98	280
99	377
1800	513
01	167
02	199
03	95
04	247
1805	219
06	258
07	641
08	806
09	235
1810	87
<u>Total</u>	<u>£4,863</u>

4. Grindon Common (and others in Langley N.)

1794	£1,334
1795	489
96	1,783
97	1,370
98	3,078
99	354
1800	523
01	482
02	501
03	222
04	283
1805	208
06	123
07	66
08	56
09	350
1810	575
11	251

Total £12,048

5. Thorngraston

1797	£203
98	117
99	20
1800	82
01	29
<u>Total</u>	<u>£451</u>

X.
X.

7. Thorneyburn

1808	£71
09	145
1810	66
11	109
12	180
<u>(Total)</u>	<u>£571</u>

1804 £500

Total 1,071.

? £164 (1820

£1,235

6. Buteland

Total £3,096

1805	£14
06	119
07	611
08	723
09	128
1810	290
11	217
12	53
13	177
14	284
1815	88
16	127
17	68
18	nil
19	48
1820	64
21	85

Greenwich Hospital Estates.

Sums expended on several enclosures.

8. Newlands & Whittonstall

1811	£500
12	1773
13	1077
14	1017
1815	1795
16	435
17	364
18	4777
19	929
1820	113
Total	£8,480

9. Hexham (?additional)

1809	£ 9
1810	254
11	120
12	85
13	82
Total	£550

10. Tarrettburn

1809	£500
1810	nil
11	nil
12	nil
13	124
14	63
1815	136
16	297
17	47
18	nil
19	190
1820	39
Total	£1,377

13. Tweedmouth & Spittle

1800	4
01	36
Total	£40

14. Scremerston Threapland

1812	£64
13	221
14	135
Total	£430

9. Alston Moor

1803	£682	? Alston Townfields
04	24	" "
1805	102	" "
06	nil	
07	29	Alston Moor
08	134	
09	525	
1810	2,013	
11	1,358	
12	1,806	
13	2,191	
14	678	
1815	223	
16	52	
17	119	
18	nil	
19	11	
1820	772	
Total	£10,719	

11. Thornthwaite (Cumberland)

1812	£500
13	146
14	613
1815	69
16	117
17	161
Total	£1,606

12. Ellingham Rigg

1805	£512
06	nil
07	nil
08	31
09	8
1810	nil
11	107
Total	£658

Greenwich Hospital Estates.

Sums spent on various roads.

1. Burtryford Rd.	2. High Green Rd.	3. Roads (Not specified)
1794 £180	1797 £203	1800 £300
95 120	98 180	
Total £400	Total £383	
4. Hexham Rd.	5. Wooler Road	6. Berwick & N. Durham Turnpike
1802 £200	1808 £100	1820 £500
	09 100	
7. Alston Turnpike	8. Hexham Turnpike	9. Langley Mill New rd.
1824 £1,515	1824 £186	1821 £513
1825 9,961	1825 478	
26 12,810	26 49	
27 10,580	27 414	
28 889	28 450	
Total to	Total to	
1828 £15,455	1828 £1,477	
10. Roads & Mines (Not specified)		
1823 £659		
24 331		
Total £990		

Greenwich Hospital Estates.

Cost of maintainance of the several weirs and embankments on the several estates.

Year	Wears (sic)	Year	Wears(sic)
1764	£303	1795	£75
1765	nil	96	48
66	30	97	63
67	nil	98	52
68		99	59
69	313	1800	56
1770	17	01	116
71	26	02	39
72	(?330) (1)	03	40
73	18	04	71
74	307	1805	41
1775	173	06	124
76	70	07	280
77	57	08	190
78	69	09	327
79	109	1810	356
1780	69	11	275
81	62	12	100
82	17	13	75
83	97	14	118
84	166	1815	107
1785	160	16	68
86	34	17	150
87	90	18	126
88	17	19	179
89	28	1820	343
1790	24	21	261
91	4	22	353
92	60	23	83
93	68	24	99
1794	29	1825	320
		26	204
		27	233
		28	275

Notes (1) In 1772 in the £330 there is also a payment not specified on account of flood damages.

Greenwich Hospital Estates.

Sums spent on making good flood damage to the estates.

1. After the flood of 1771 (Total £713.)

Year	£	
1772	330	(this sum is included in total costs of Weirs (q.v.)
73	294	
74	49	
1775	15	
76	13	
77	12	

3rd. June 1772 (P.R.O. Adm. 65/78.)

'Abstract of estimate of damages to sundry tenants on several farms by the great inundation of 17th. Nov. 1771 as appeared by a view taken the 18th and 19th May 1772.

Farm	Occupier	Term to run	Stock lost	Loss of Corn	Loss p.a.	For the term.
Lipwoodwell	Dobinson	7½yrs.	£17"13"2	£29"15	£16"4	£121"10
Lees	Pigg	1½yrs		34" 5		
Altonside	Coates	½yr.		20		
Fourstones	'A' Lorraine	1½yrs		3	7"10	£ 11 5
ditto	'B' Charnley	15½yrs			1	15"10
Westwood	Gibson	7½yrs		13"10		
Corbridge	Charlton	7½yrs		9" 7" 6		£5 15/-
Dilston	'A' Brown	7½yrs		6"10		
	'B' Nicholson	7½yrs		50		£3
	'C' Todd	7½yrs		30"10		£6
Totals			£17"13"2	£196"17"6	£24"14	£158

Total exclusive of damages to hedges £372"10 "8

2. After flood of 1815 (Total £2,161.)

1816	£746
1817	£1415

3. After the flood of 1781/2 (Not all of these are solely Flood damages.)

1782	£619
83	926
84	133
1785	88
86	52
87	30
88	nil
1789	32

Greenwich Hospital Estates.

Income and expenditure on several collieries on the Estates.

1. Throckley Colliery. (1764-1799)(Watersale)

Year	Income	Year	Income	Year	Income.
1764	£354	1775	£72	1785	£134
1765	234	76	22	86	164
66	nil	77	139	87	137
67	135	78	447	88	nil
68		79	286	89	3
69	516	1780	112	1780-98	none recorded
1770	424	81	187	1799	78
71	298	82	63	1800-	none recorded
72	325	83	117		
73	263	1784	35		
1774	59				

2. Walbottle Colliery (1778-1796.)

Year	Watercourse	Wayleave	Income.	Drawing	Unspecified
1778	£251	£179			
79	94	97			
1780	135				
81	131				
82	47				
83	147				
84	135				
1785	94				
86	123	£25		£25	
87	121				
88	142				
89	115				
1790	99				
91	111				
92	106				
93	86				
94	282				
1795	91				
1796	85				

3. Heddon Colliery Wayleave(1789-92) Income.

1789	£39
1790	37
91	nil
92	10

Greenwich Hospital Estates.

Income and expenditure on several collieries on the Estates.

4. Stublick Colliery. 1791-1827

Year	Income	Expenditure	Balance		Notes
			Profit	Loss	
1791	£582	£512	£70		
92	629	497	132		
93	658	547	111		
94	657	478	179		
1795	747	468	279		
96	691	512	179		
97	763	582	181		
98	804	703	101		
99	816	605	211		
1800	675	604	71		
01	744	622	122		
02	912	676	236		
03	813	705	108		
04	916	789	127		
1805	999	1,335		£336	£569 spent on sinking Low Stublick.
06	1,108	806	302		
07	1,008	893	105		
08	1,123	853	270		
09	1,096	922	184		
1810	1,095	829	266		
11	1,083	809	274		
12	1,041	987	54		
13	1,211	1,079	132		
14	1,359	1,058	301		
1815	1,260	938	322		
16	986	757	229		
17	992	703	289		
18	959	705	254		
19	1,090	861	229		
1820	1,326	1,152	174		
21	2,221	1,321	900		
22	1,406	968	438		
23	1,439	1,211	228		
24	1,515	1,035	480		
1825	1,556	865	691		
26	1,695	1,044	651		
27	1,903	1,186	717		

Income and expenditure on several collieries on the estates.

5. Fourstones Colliery			Balance	
Year	Income	Expend.	Profit	Loss
1797		£60		£60
1798-1807 no reference to the colliery in the ledgers				
1808		£390		£390
1809		nil		
1810		15		15
1811		585		585
1812		2,296		2,296
1813	£289	1,616		1,327
1814	69	651		582
1815		85		85
6. FellEnd Colliery				
1809	£90	£245		£155
1810	292	408		116
1811	245	302		57
1812	256	414		158
1813	211	411		200
1814	155	246		101
7. Brokenheugh Colliery.				
1806		£229		£229
1807		518		518
1808	£293	396		103
1809	546	372	£174	
1810	499	297	202	
1811	471	645		174
1812	488	368	120	
1813	467	380	87	
1814	192	193		£1
8. Greymare Hill Colliery.				
1794		£21		£21
1818	138	163		25
1819	31		£31	
9. Sremerston Colliery				
1792		£71		£71
1826		971		971
1827		150		150
1828		2,750		2,750
10. Hartburn Grainge Colliery and Lime kiln				
1806		£255		£255
1807	66 ←→	315	£249	
1808	45	182		137

Income and Expenditure on account of the several Quarries and Limekilns.

Balance

1807	£222	£600
08	144	no expenses mentioned after that date so that
09	69	it appears that the income may well be in the
1810	88	form of rent for overworkings and overburnings
11	96	over the 40,000 bolls of lime (each boll to
12	81	contain 32 gallons Winchester Corn Measure) @
13	79	~~10d per x boll~~ ~~xxxxxx mentioned in the survey of 1805.~~
14	214	one sixth of the sale price (see Survey 1805) p.189
1815	226	
16	191	Year Income
17	141	1822 £75
18	63	23 36
19	36	24 72
1820	139	1825 107
21	56	Lease ended in 1825.

Greenwich Hospital Estates.

Sums spent on purchases by Greenwich Hospital.

Year	Amount
1788	£1,450
89	533
1790	9,305
91	4,622
1792-1797	no record
1798	630
99	71
1800	123
01	372
1802-1809	no record
1810	4,235
11	?3737
12	1,945
13	3,807
14	none
1815	147
16	750
17	5
18	130
1822	1,000
23	nil
24	11,112
1825	5
26	1,458
27	158
28	3,582

Greenwich Hospital Estates.

Salaries paid to various bailiffs and sub agents in the several parts of the Hospital's Estate and the Poundage which formed the Income of the Receivers.

Year	Poundage	Salaries	Year	Poundage	Salaries.
1736	£421	Included	1782	£1435	£222
37	395	under	83	1581	154
38	409	Poundage	84	1659	203
39	444	till	1785	1498	197
1740	398	1752	86	1611	185
41			87	1863	229
42	389		88	1598	184
43	359		89	1293	176
44	417		1790	1605	134
1745	331		91	1871	221
46	345		92	1460	243
47	406		93	1645	192
48	468		94	1712	202
49	534		1795	1962	209
1750	528		96	1847	212
51	483		97	1720	212
52	482	£36	98	1792	212
53	495	52	99	2211	208
54	558	36	1800	1848	212
1755	609	56	01	1908	227
56			02	1862	279
57	939	91	03	1789	262
58	650	32	04	2190	276
59	623	59	1805	2746	262
1760	635 average	54 average	06	1940	262
61	635 average	54 average	07	2505	262
62	760 average	54 average	08	2775	262
63	760 average	54 average.	09	2356	262
64	1122 (1½ yrs)	74 (1½ Yrs)	1810	2526	377
1765	273 (½ yr.)	24 (½ yr)	11	2631	441
66	1148	97	12	3051	452
67	1542	80	13	2907	452
68	2120	148	14	3058	452
69			1815	2608	452
1770	924	74	16	2216	452
71	1266	106	17	3122	452
72	1115	84	18	3036	442
73	1173	87	19	3264	459
74	878	89	1820	3019	452
1775	1350	93	21	1037	2359
76	1033	64	22		2903
77	1399	183	23		3435
78	1097	189	24		2966
79	1256	211	1825		3104
1780	1404	186	26		2933
81	1250	122	27		3131
			28		3471

LAW CHARGES.

Greenwich Hospital Estates.

Law Charges annually 1743-1828

Year	Charges	Year	Charges
1743	£314	1785	£22
44	nil	86	163
1745	137	87	204
46	nil	88	110
47	28	89	192
48	6	1790	288
49	nil	91	202
1750	227	92	311
51	95	93	320
52	63	94	361
53	238	1795	143
54	40	96	141
1755	97	97	338
56	57	98	320
57	nil	99	263
58	nil	1800	367
59	nil	01	370
1760	nil	02	185
61	nil	03	810
62	138	04	521
63	80	1805	2259
64	nil	06	2858
1765	nil	07	662
66	nil	08	817
67	nil	09	718
68	4	1810	324
69	9	11	2028
1770	264	12	2756
7 1	125	13	3357
72	18	14	2833
73	6	1815	909
74	156	16	236
1775	85	17	177
76	7	18	59
77	399	19	36
78	94	1820	1706
79	87	21	94
1780	15	22	68
81	156	23	112
82	39	24	69
83	80	1825	58
84		26	83
		27	5272
		28	523

Blackett of Matfen Estates c.1810.

List of farms etc. with their acreage in 1810.

Township or Estate	Name of farm	Acreage	Number.
<u>West Matfen</u>	Matfen Hall(in hand)	130	(a)
	Standingston	492	1
	Lowhall	367	2
	Dewlaw	123	3
	North Farm	24	4
	Piers farm	60	5
	Bootlands	13	6
	15 houses, cottages etc. no acreage given		
<u>East Matfen</u>	Mill farm	146	7
	Wall Farm	342	8
	West Farm	184	9
	South farm	159	10
	North farm	139	11
	Thornham hill	104	12
	Clipperheadland	98	13
	Mill and ground	13	14
	Park & West Close	13	15
<u>Halton</u>	South & West farm	644	16
	North farm	192	17
<u>Halton Shields</u>	West Farm	298	18
	Kiphills	96	19
	East farm	131	20
	Shildon East part	96	21
<u>Clarewood</u>	South and West farm	387	22
	East farm	256	23
<u>Whittington</u>	Whittington farm	289	24
	Whittington Mill	14	25
	Misc. cottage and crown rents in the township		
<u>Aydon Castle</u>	Aydon Castle	369	26
<u>Burnside</u> (East Matfen)(Accounted for	1444		27
seperately since it was purchased in 1769 and not part of the original inheritance.)			
<u>Ryal</u> (Bought 1802/3)			
	South & Fairspring	689	28
	North farm	298	29
	Ale house	nil	30
Total of estates near Matfen		<u>6,490</u>	

Blackett of Matfen Estates c. 1810

'West Water Estate'

Township	Name of farm	Acreage	No.
<u>Fallowfield</u>	Fallowfield farm	578	31
(This farm is always accounted as part of the West Water estate though situated near Hexham.)			
<u>Warksburn</u>	Crookbank	620	32
<u>Ridley</u>	Willymontswyke	351	33
	Willymontswyke Mill	9	34
	Prtridge Nest	226	35
	Plankey	39	36
	Cranes Island	24	37
	Farnalees and Briarwood	104	38
	Hotbank Allotment	81	39
	Steel	no survey (? 20 acres)	40
	Old Mill lands	16	41
<u>Thorngraston</u>	Millhills	148	42
	Mid Town	no survey (?27 acres)	43
	High Bradley	213	44
	Whitshields	217	45
<u>Melkridge</u>	Melkridge farm	154	46
	Woodhall	197	47
	Wealside	603	48
	Close-a-burns	138	49
<u>Henshaw</u>	Greenlee	907	50
	Bradley Hall	107	51
	Scotcolterd farm	1,185	52
	Gibshill	470	53
	Highshield & Guildfield	212	54
	Bardon Corn Mill	24	55
	Bardon fulling mill	7	56
Total 'West Water Estate'		<u>6,749</u>	

Blackett of Matfen Estates

Inventory of the estates based on thirty years' purchase of annual rents at several dates.

<u>Heading</u>	<u>1772</u>	<u>1793</u>	<u>1815</u>	<u>1830</u>	<u>1846</u>
E.& W. Matfen	£33,743	£41,592	£92,691	£82,197	£79,364
Halton	15,853	17,610	32,314	37,704	35,304
Halton Shields	7,086	8,492	28,190	18,800	17,260
Clarewood	9,422	10,124	29,675	28,100	24,200
Whittington	4,393	4,855	7,386	9,765	9,895
Aydon Castle	4,843	4,782	6,249	15,000	14,400
Burnside	3,202	3,794	8,574	6,714	6,894
West Water	23,776	34,733	89,545	80,850	88,516
Crookbank	2,013	1,839	4,865	3,965	3,965
Fallowfield	5,080	6,597	17,471	25,991	20,971
Total of above estates	£109,410	£134,416	£316,960	£325,367	£300,770
Winlaton	12,519	sold			
Sockburne (a)					
(Yorkshire)	?	47,550	?	?	?
Ryal (bought 1802/3)			?	24,989	24,754
Fenwick (bought 1833/4)					43,226
Gallowshield Rigg (? bought c.1825)				11,220	?
Leazes Estate (?bought c.1834)					2,250
<u>TOTALS</u>	<u>£121,929</u>	<u>£181,966</u>	<u>£316,960</u>	<u>£351,576</u>	<u>£371,000</u>
(a)					

The Sockburne estates appear after 1815 to have passed to Sir Edward Blackett's younger brother.

N.B. These inventories indicate that apart from petty tradesmen's unpaid bills the family were never in debt throughout the period.

Blackett/Beaumont Estates,

'A' Hexhamshire Estates.

1.	Anick Grainge	431 acres	(survey and valuation of 1803)
2.	Codlaw Dean	192	
3.	St. John's Lee	11	
4.	Hexham Townfields	91	
5.	Yarridge Low	178	
6.	High Yarridge	152	
7.	Black Hill	192	
8.	Watch Currick	329	
9.	Loadman	160	(bought in 1818)
10.	Dotland Park	404	
11.	Staples Allotment	16	
12.	Steel tenements		A series of small and rapidle changing
13.	Low Staples		holdings of which the total acreage is not
			given.
14.	Steel Hall	262	
15.	W. Dukesfield	229	
16.	Middle Dukesfield	74	
17.	E. Dukesfield	170	
18.	W. Coalpits	152	
19.	E. Coalpits	209	
20.	Slaley	75	
21.	Robin's lot	?	A common allotment of which there is no
			record as to size.
22.	Westburnhope	1,130	
		457	
	<u>Total</u>	c <u>4,457</u>	

'B' Wallington Estates

23.	Fenwick Shield	258	Sold to Sir Edward Blackett 1834
24.	Fenwick Hall	331	ditto
25.	Fenwick Low farm	490	ditto
26.	Fenwick West farm	341	ditto
(27.	Fenwick High (fens)	?	ditto
28	Fenwick Burnside	90	Sold to Sir Edward Blackett 1767
29.	Ryal South farm	?312	?Sold c.1850
30.	Ryal North farm	833	?sold c,1850
31.	Kearley	535	sold 1833
32.	Ingo	480	sold 1849
33.	Gunnerton 'A'	?	Although these farms belonged to the
34.	Gunnerton 'B'	?	Wallington ~~xxxx~~ estate from at least
35.	Gunnerton 'C'	?	1727 till the mid 1830s no record of
36.	Gunnerton 'D'	?	their size appears to have survived.

Blackett/Beaumont Estates. "Bywell."

North side of river

Bywell Mansion	1	65 acres	(at time of sale in 1819/20)
Bywell Hall Moor	2	154	ditto
Bywell Town farm	3	155	ditto
Bywell Mill farm	4	63	ditto
South Acomb	5	187	ditto
North (East) Acomb	6	261	ditto
Peepy	7	483	ditto
Welton Town farm	8	354	(originally part of the 'Wallington estate; acreage given for the Welton farms is for 1855 the only one discovered.)
Welton Hall	9	194	
Laker Hall	10	333	
Welton New House	11	198	
Bearl	12	381	bought in 1824:acreage 1855
Nafferton	13	762	bought in 1843:acreage 1855
Misc. cottages	14	20	
<u>Total</u>		<u>3,590</u>	

South side of the river

Stocksfield Hall	15	336	(at time of sale in 1819/20)
Broomley	16	1,126	ditto
Broomhaugh	17	748	(uncertain as to date of creation of this)
Eastwood House	18	194	
Eastwood Mill	19	20	
Lead hill & Hindley steel	20	272	
Ridley Mill & Hall	21	23	
Shilford	22	308	(this farm and probably Broomhaugh (17) was bought in 1849.)

RENTS & ARREARS.

Year.	Rents.	Arrears.	
1820 ($\frac{1}{2}$ yr.)	£4,633	£1,870	(Unpaid at Martinmas.)
1821	11,460	1,806	ditto
1822	12,477	1,509	ditto
1823	10,939	2,333	ditto
1824 ($\frac{1}{2}$ yr.)	6,236	2,234	(unpaid at Mayday)
1825	11,578	1,786	ditto
1826	11,724	2,138	ditto
1827	11,876	2,560	ditto
1828	11,599	3,030	ditto
1829	11,316	3,028	ditto
1830	11,262	4,107	ditto
1831	11,188	3,319	ditto
1832	13,560	4,422	ditto
1833	13,610	4,981	ditto
1834	12,790	4,952	ditto
1835	12,316	2,702	(a) ditto
1836	11,812	1,968	ditto
1837	11,898	1,618	(b) ditto
1838	11,779	1,691	ditto
1839	11,852	1,963	ditto
1840	12,160	1,760	ditto
1841	12,394	2,066	ditto
1842	12,654	2,327	ditto
1843	12,593	2,753	ditto
1844 (To Nov.)	12,398	2,935	ditto
(1844(to 31/12)	4,611	1,190	(unpaid 31/12/44) (c)
1845	13,189	£3,728	(unpaid 31/12/45) (d)

- (a) £2,970 of old arrears removed from the account as being 'lost'.
- (b) £344 of old arrears removed from the account as being 'lost'.
- (c) The figures for this period refer to the receipts from some of the parts of the estates of rents due Mayday '44 and payable at Martinmas, and the arrears figures to that alone.)
- (d) These figures refer to a full years rent on all parts of the estate, for which the arrears remaining due 31st Dec. 1844 had been £3,052. The difference between this and the other figures is explained by these referring to the whole estate and previous ones to only a part.

BEAUMONT ESTATES.

DISCOUNT & ALLOWANCES.

A. Discount. (i.e. Abatements from rents)

Year	Amount.	Notes
1822	£585	At Mayday 10% Bywell estate and £100 flood damage at Anick Grange: Mart. 15% Bywell, 10% remainder.
1823	£760	Bywell Estate 15% to Mayday, 10% to Mart.; Remainder 10% to Mayday, nothing at Martinmas.
1824	£95	10% to Dukesfield tenants March 1824. (Lead Pay.)
1825	£105	As Bywell but not paid previously as the tenant was in arrear.
1826-34	No discount allowed.	
1834	£444	10% on $\frac{1}{2}$ yr. rent due Mart. 1833 and received at May 1834. Bywell, Bearl, Hexham, Ryal, Ingo & Welton.
1835	£991	Bywell 15% at Mart '34 and M.d. '35. Remainder usually 10% at the same dates.
1836	£923	Bywell 15% at Mart. '35 and 10% M.d. '36; The rest either 10% at both dates or 10% and 5% respectively.
1837	£122	10% at Bearl & Stocksfield Hall fms. to Mart '37, 10% on $\frac{1}{2}$ yr. Dukesfield estate to Mart '36.
1838-	No discount allowed.	

B. Allowances. For damages, lime, manure, bones etc. (Not Land Tax, Gaol Rate or Property Tax.)

Year	Amount.	Notes.
1820-22	nil	(Save for £100 in 1822 included above.)
(1823	£56 (incl 'A	(For damage by rabbits at Broomley & Stocksfield fms.)
1824	nil	(included in the £760 in the Discount account.)
1825	£285	£80 for two threshing machines, £205 forgiven arrear.
1826	nil	
1827	nil	
1828	£49	Rabbits £15 at Acomb, Damage by smelt mill, etc.
1829	£38	£30 for work done by new tenant at Codlaw Dean.
1830	£52	Misc. Lime, Smelt Mill, game, plantations.
1831	£66	Lime, colliery, smelt mill and flood damage.
1832	£205	£100 on Hexham Tythes, rem. similar to 1831.
1833	£119	Hexham Corn Mill flood £37; others as '31.
1834	£136	£35 for drainigg at Stock. Hall fm. £40 by railway.
1835	£95	Game damage £40; rest misc. for liming, and damages
1836	£543	£369 for flood damage at Anick Grange 1827-36.
1837	£111	Lime £48, Bones £18, Damages £28, Misc. £27
1838	£359	£96 for land taken for planting, rest lime etc.
1839	£ 79	Lime, fold yrd manure, bones and grass seed.
1840	£195	Land planted, lime etc.
1841	£218	ditto
1842	£106	Land planted £12, Lime £54, Draining £10, Rabbits £30
1843	£175	Game damage £55, lime £82. Guano & Nitrate of Soda £5
1844	£266	Misc.
1844 (b)	£67	Lime & Guano.
1845	£179	Principal item lime.

BEAUMONT ESTATES.

LAND TAX, GAOL RATE, & PROPERTY TAX.

Year	Land Tax Allowed tenants	Gaol Rate Allowed Tenants	Property Tax Allowed Tenants
1820 ($\frac{1}{2}$ yr)	£33	-	-
1821 ($\frac{1}{2}$ yr)	£39	£63	-
1822	£72	£91	-
1823	£79	£98	-
1824	£50	£124	-
1825	£88	£109	-
1826	£72	£116	-
1827	£84	£ 90	-
1828	£71	£102	-
1829	£71	£41	-
1830	£76	(10/-)	-
1831	£87	(£21)	-
1832	£78	-	-
1833	£115	-	-
1834	£27	-	-
1835	£60	-	-
1836	£73	-	-
1837	£76	-	-
1838	£78	-	-
1839	£78	-	-
1840	£78	-	-
1841	£79	-	-
1842	?nil	-	?-
1843	£70	-	£319
1844 a	£70	-	£340
1844 b	£41	-	£ 4
1845	£88	-	£424

BEAUMONT ESTATES.

BUILDING.

Year	Amount	Notes of large items.
1820 (½)	£692	Fenwick Shield New House etc. £322/10/-
1821	£1,906	Fenwick Shield £102, Hexham Abbey £589, Bywell £470
1822	£1,855	Broomley Fell wall £181, Tyne Mills £90, Welton £378.
1823	£908	Bywell £265, Timber £197.
1824	£801	Bywell £416, Peepy £205,.
1825	£1,862	Bywell Hall £956, Peepy £60, Acomb £115, Fenwick £275.
1826	£2,683	Bywell Hall £1,150, Mill dam £279. Acomb £250. Lead Hill £183
1827	£2,022	Hall £736, Mill Dam £104, Broomley £286, Lead Hill £228 Welton £235, Yarridge £118, Dukesfield £132.
1828	£1,669	Bywell £1,125, Broomley £155.
1829	£1,535	Bywell £693, Welton £165, Codlaw Dean £111,
1830	£1,146	Bywell £269, Welton £143, Watch Currick £123, Codlaw £230
1831	£1,767	Bywell £507, Mill Dam £142, Dukesfield £117, Tyne Mill £482.
1832	£2,464	Bywell Hall & Mill dam £925, Hexham £147, Tyne Mills £495, Allendale £366, Allenheads £151.
1833	£2,237	Bywell Hall & Dam, £1,048, Bearl £133, Broomley £125, Tyne Mills £151, Allendale & Allenheads £460.
1834	£2,771	Bywell £481, Broomley £233, Stocksfield £164, Dotland Park £223, Dukesfield £205, Allendale £604.
1835	£3,031	Bywell £778, Broomley £267, Stocksfield £245, Hexham £230, Tyne Mills £309, Yarridge £133, D'field £196 Allendale £423.
1836	£2,720	Bywell £316, Stocksfield £161, Broomley £91, Acomb £276 Bearl £121, Welton £274, Hexham £366, Black Hill £150, Allendale £632.
1837	£2,215	Bywell Hall £226, Acomb £286, Ryal £263, Yarridge £363, D'field £328, Allendale £208.
1838	£2,607	Bywell £212, Bearl £172, Welton £363, Hexham £389, Anick Grange £184, D'land Park £191, D'field £102, Tyne Mills £151, Allendale £421.
1839	£2,794	Bywell £427, Bearl £105, Ingo £455, Yarridge £196, Hexham £394, Tyne Mills £135, Allendale £257.
1840(a)	£2,390	Bywell £249, Welton £301, Ryal £133, Yarridge £146, Tyne Mills £136, Hexham £293, Allendale, £379.
1841(b)	£1,837	Tyne Mills £215, Weardale £200, Allendale £713.
1842	£1,062	Bywell £135, D'field £94, Allendale £404, W'dale £98.
1843	£2,791	Bywell £710, Acomb £453, Broomley £236, Hexham £186, Anick Grange £200, Allendale £606.
1844	£3,397	Bywell £1,120, Acomb £219, Broomley £585, W'dale £149 Allendale £778, Nafferton £270.
1844 (b)	£421	Bywell £25, Nafferton £238.
1845	£5,817	Bywell £562, Ryal £205, W'dale £138, Allendale £883, Nafferton £3,663

BEAUMONT ESTATES.

FENCING & DRAINING.

Year	Fencing & Draining	Fencing	Draining
1820 ($\frac{1}{2}$ yr.)	nil	nil	£49
1821	nil	nil	£ 2
1822	nil	£270	£ 5
1823	nil	£187	(10/-)
1824	£143	nil	nil
1825	£ 85	nil	nil
1826	£110	nil	nil
1827	nil	£203	nil
1828	£176	nil	nil
1829	£283	nil	nil
1830	£201	nil	nil
1831	£381	nil	nil
1832	£358	nil	nil
1833	£425	nil	nil
1834	£233	nil	nil
1835	£684	nil	nil
1836	£529	nil	nil
1837	£473	nil	nil
1838	£333	nil	nil
1839	£380	nil	nil
1840	£505	nil	nil
1841	£408	nil	nil
1842	£360	nil	nil
1843	£438	nil	nil
1844	£1,075	nil	nil
1844 (b)	£411	nil	nil
1845	£1,228	nil	nil
(1846	£1,280	nil	nil)

N.B. Circa 1830 between 30 and 40% of the total for fencing & draining is for draining and the remainder for fences, walls, gates etc. The great increase in 1844 is entirely due to tile drainage so that in that year only about 10% of the joint sum was for fences and walls.

BEAUMONT ESTATES.

WOODS & PLANTATIONS.

(N.B. The expenditure figures are from the ledgers under the heading of woods and plantations; the figures for income are extracted from the ledger entries 'promiscuous receipts'.)

Year	Income	Expenditure	Profit	Loss
1820 ($\frac{1}{2}$ yr.)	£?	£34		
1821	£369	£204	£165	
1822	£243	£190	£53	
1823	£85	£260		£175
1824	nil	£115		£115
1825	£210	£301		£91
1826	£243	£120	£123	
1827	£336	£253	£83	
1828	£458	£567		£109
1829	£584	£434	£150	
1830	£439	£417	£22	
1831	£651	£336	£315	
1832	£927	£372	£545	
1833	£604	£340	£264	
1834	£805	£214	£591	
1835	£488	£374	£114	
1836	£701	£392	£309	
1837	£422	£517		£95
1838	£106	£820		£714
1839	£292	£441		£149
1840	£1,079	£509	£570	
1841	£1,823	£624	£1,199	
1842	£719	£191	£528	
1843	£664	£479	£185	
1844 a	£538	£491	£47	
1844 b	£ 5	£89		£84
1845	£1,320	£368	£952	

BEAUMONT ESTATES.

'PROMISCUOUS RECEIPTS'

Year	Total	Wood/bark etc.	Corn/ cattle	Fruit/ Butter	
1820 (1/2 yr.)	£778	£	nil	nil	
1820 (1/2 yr.)	£778	£	nil	nil	
1821	£566	£369	£1/10	£26	
1822	£1,152	£243	£30	nil	
1823	£388	£ 85	£167	£24	
1824	£172	nil	£122	nil	
1825	£580	£210	£358	?£16	
1826	£579	£243	£165	nil	
1827	£2,233	£336	£31	nil	
1828	£897	£458	£48	nil	
1829	£705	£584	£110	nil	
1830	£624	£439	£186	nil	
1831	£1,246	£651	£313	-	R'lway £150
1832	£2,786	£927	£400	Wool	R'lway £1,000
1833	£987	£604	£354	G'dns £18	
1834	£3,242	£805	£571	£41 £18	R'way £1,800
1835	£980	£488	£394	£52 £30	
1836	£1,658	£7 01	£365	£35 £57	B'don Mill £500
1837	£1,162	£422	£343	£46 £31	
1838	£492	£106	£317	£35 nil	
1839	£822	£292	£341	£20 nil	
1840	£1,310	£1,079	£70	£18 £26	
1841	£1,933	£1,823	nil	£ 6 nil	
1842	£767	£719	£37	nil nil	Potatoes
1843 (1)		£664		£33	£3
1844		£538		£16	
1844 (b)		£5		£19	Bone manuresold
1845		£1,320			£344

BEAUMONT ESTATES.

BYWELL ESTATE.

Itemized accounts for selected years.

N.B. No attempt is made to apportion to the Bywell estate its share of any central administrative costs, nor of other items for which the ledgers do not give sufficiently full information to enable this to be done with certainty. The principal heads under this latter are Land Tax and Gaol Rates allowed to all the tenants.

<u>1826</u>			
DR.	£s.	CR.	£s.
Arrears of rent due Mart.		Arrears of rent due Mart 1825	
1824 unpaid M.D. 1825	340	unpaid May Day 1826	381
One year's rent received		Outpayments	85
Mart. '25 & M.D. 1826	3,463	Taxes & Assessments incl Bywell	
		Hall	94
		Buildings & Repairs (Excl. Hall)	852
		New Fences & drains	43
		Sub Total Cr.	<u>1,455</u>
		Balance	<u>2,348</u>
	<u>£3,803</u>		<u>3,803</u>

<u>1835</u>			
Arrears of rent unpaid		Arrears taken out of account as	
M.d. 1834	£1,227	irretrievable	£909
One Year's rent received		Arrears unpaid M.D. 1835	412
Mart. '34 & M.D. 1835	3,227	Outpayments	78
		Taxes & Assessments (incl Hall)	102
		Allowances for damages by game	40
		Allowances for lime etc.	13
		Buildings (Excluding the Hall)	1,026
		New fences & drains	189
		Discount (abatment 15%-10%)	458
		Sub total cr.	<u>3,227</u>
		balance	<u>1,247</u>
	<u>4,474</u>		<u>4,474</u>

<u>1843</u>			
Arrears of rent unpaid		Arrears unpaid M.D. 1843	£406
M.D. 1842	£174	Property Tax allowed Tenants	118
One Year's rent to M.D. 1843	3,188	Outpayments	80
		Allowances for lime etc.	72
		Land Tax	30
		Taxes & Assessments (incl, Hall)	54
		Tythe rent charges	131
		Drains	175
		Buildings (excluding the Hall)	731
		sub total cr.	<u>1,797</u>
		balance	<u>1,565</u>
	<u>£3,362</u>		<u>£3,362</u>

Allgood Estates.

'A' Nunwick Estate.

Number	Name of farm	Acreage at various dates.		
		c.1750	c.1770	1834(a)
1	Nunwick	186	?	140
2	Simonburn Castle	?	?	126
3	East Hall Barns	151	147 (	202
4	West Hall Barns	20	96 (	328
5	Fairshaw	?262	207	152
6	Sharpley	157	157	48
7	Nunwick Mill	32	32	30
8	Parkend	38	38	182
9	Parkside	?	?	115
10	Burnhouse	36	93	218
11	Allgood farm	?247	247	232
12	Mount farm	33	261	306
13	Fenwick Field	100	100	641
14	Little Lonbrough	39	39	694
15	Goatsbnes	nil	525	802
16	Great Lonbrough	530	530	909
17	Stoopridge	nil	808	146
18	Townshields	791	932	99
19	Gofton	21	78	116
20	Latterford	with Low Morralee &		30
21	Low Morralee	Ramshaws' Mill		
22	Ramshaws' Mill	265	265	
<u>Totals</u>		<u>2,908</u>	<u>4,555</u>	<u>5,514</u>

'B' Shitlington Estate.

23	Ravensheugh	38	38	124
24	Morkley	55	59	
25	Warkshaugh	86	86	162
26	Birkley Wood	64	64	
27	Short Moor	117	117	231
28	Burnmouthfoot	106	106	
29	Pithouse	21	50	47
30	Billerly & Hemphole	116	110	170
31	Brownsleazes	51	202	202
32	Shitlington Hall	110	110	105
33	Hall Hill	55	55	
34	Upper Cragg	41	41	225
35	Nether Cragg	52	52	204
36	Low Highriggs	64	64	112
37	Barneystead	24	24	258
38	Upper Highriggs	61	61	63
39	Esp Mill	27	27	232
40	Bridge House	41	41	
41	Birch Crook	48	48	

Allgood Estates.

Number	Name of farm	Acreage at various dates		
		1750	1770	1834 (a)
42	Hindrigg	79	79	138
43	Snabdough	128	128	665
44	Chirdon (in ground)	149	149	400
	(out ground)	251	251	
45	Roughside	1,109	1,109	1,223
46	Wolfeleugh	?	?	1,145
47	Moneyries	1,556	1,556	1,643
	<u>Totals.</u>	<u>4,300</u>	<u>4,476</u>	<u>7,346</u>

'C' Brandon & Reavely Estate.

48	Brandon	505	505	1,527
49	Reavely Eastside	1,189	1,089	
50	Brandon Hill Head	520	520	525
51	Brandon White House	23	23	absorbed in others.
52	Reavely Westside	1,266	1,266	1,265
	<u>Totals</u>	<u>3,393</u>	<u>3,393</u>	<u>3,317</u>

'D' Lambley estate.

53	Lambley	92	189	145
54	Double Dikes	?	?	84
55	Harper Town	?	?	10
56	Waughold Holme	?	?	37
57	Tows Bank	?	?	17
	<u>Totals</u>			<u>293</u>

(a) The acreages given in 1834 refer specifically to the effective agricultural land.

Seghill Estate: Leasehold from the Duke of Northumberland and subtenanted as follows:-

Seghill house	23 acres	West Newhouses	213 acres
West farm	213	East Newhouses	185
Moor houses	211	Mare Close	195
Middleham	145	East Close	164
Mills	21	Cottages etc.	12
	<u>Total</u>		<u>1,382</u>

Colt Park Estate. sold between 1780 and 1790.

Colt Park farm	200 acres
Cold Rise farm	?
Birkheads	259
Ritton	?

Allgood Estates 'Rents'

Rents payable for the various holdings on the estate divided according to their size at several dates.

Over £500 group 'A'
£300-£500 group 'B'
£200-£300 group 'C'
£100-£200 group 'D'

£50 - £100 group 'E'
£25 - £50 group 'F'
£10 - £25 group 'G'
under £10 group 'H'

Name of Estate	Total holdings	Number of holdings in each group							
		'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'
<u>c.1730</u>									
Nunwick	16	0	0	0	0	5	2	8	1
Shitlington	26	0	0	0	0	2	5	17	2
Brandon	6	0	0	0	2	2	0	0	2
Lambley	5	0	0	0	0	0	2	1	2
Totals	53	0	0	0	2	9	9	26	7
<u>1750</u>									
Nunwick	20	0	0	0	0	5	4	10	1
Shitlington	23	0	0	0	0	3	6	14	0
Brandon	4	0	0	1	2	0	0	0	1
Lambley	63	0	0	0	0	0	2	0	1
Totals	50	0	0	1	2	8	12	24	3
<u>1775</u>									
Nunwick	19	0	0	0	1	9	4	4	1
Shitlington	24	0	0	0	0	7	10	7	0
Brandon	4	0	1	2	0	0	0	1	0
Lambley	5	0	0	0	0	1	1	1	2
Totals	52	0	1	2	1	17	15	13	3
<u>1790</u>									
Nunwick	22	0	0	0	2	13	7	0	0
Shitlington	21	0	0	0	2	7	10	2	0
Brandon	4	1	0	2	0	0	0	1	0
Lambley	5	0	0	0	0	1	1	2	1
Totals	52	1	0	2	4	21	18	5	1
<u>1810</u>									
Nunwick	17	0	0	4	11	2	0	0	0
Shitlington	18	0	0	2	9	6	1	0	0
Brandon	4	2	1	0	0	0	0	1	0
Lambley	5	0	0	0	1	1	1	2	0
Totals	44	2	1	6	21	9	2	3	0
<u>1840</u>									
Nunwick	17	0	1	1	11	3	1	0	0
Shitlington	17	0	1	3	5	6	2	0	0
Brandon	3	3	0	0	0	0	0	0	0
Lambley	5	0	0	0	1	1	2	1	0
Totals	42	3	2	4	17	10	5	1	0

Allgood Estate Rentals: 1705 & 1730

Note the Numbers against each farm refer to the list of farms given above on page 113; but it must be remembered that there were important changes in size etc. prior to 1750 which no precise details are available for.

'A' 1705

No.	Name of farm	Rent £s.	No.	Name of farm	Rent £s.
2	Simonburn Castle	£70	36	Low Highriggs	£10
3	East Hall Barns	49	37	Barneystead	5
4	West Hall Barns	24	38	Upper Highriggs	10
56	Sharpley	29	39	Esp's Mill	7
8	Park End	10	40	Bridge House	10
19	Gofton	6	41	Birch Crook	5/15/-
23	Ravenshaugh	10/10	42	Hind Rigg	10/10/-
24	Morkely(sic)	7	43	Snabdough	33
25	Warkshugh Haugh	15	44	Chridon	20
30	Billerley	10	45	Roughside	16
30 a	Hemphole	8/10/-	47	Moneyreis (sic)	22
31	Brown's Leazes	7	?3a	Hill House	6/15/-
33	Hall Hill	14	?1a	Close House	8
34	Upper Cragg	10			
35	Nether Cragg	10			

'B' 1729/30.

No.	Name of farm	Rent	No.	Name of farm	Rent
1	Nunwick	£190	23	Ravenshaugh	£14/9/-
2	S8burn Castle	44	24	Mortley (sic)	11/10/-
3	E.Hall Barns	55	25	Warkshaugh	50
4	W.Hall Barns	16	27	Short Moor	?50
5	Fairshaw	?	28	Burnmouth Foot	?50
6	Sharpley	50	29	Pit House	12
7	Nunwick Mill	28	30	Billerly	19
8	ParkEnd	13	30 a	Hemphole	15
9	Parkside	?	30 b	Billerly Cottage	5
10	Burn House	18	31	Brownsleazes	14
13	Fenwick Field	50	32	Shitlington Hall	40
14	Little Lonbrough	10	33	Hall Hill	22
15	Goatstones	5	34	Upper Cragg	14
16	Great Lonbrough	20	35	Nether Cragg	14
18	Town Shields	20	36	Low High Riggs (sic)	17
19	Gofton	11/10	37	(North) Barneystead	9
?5a	Green End	18	38	Upper High Riggs	21
?5a or 3 a	Hill House	12/10	39	Esp Mill	17
?1a	Close House	11	40	Bridge House	15/10
?5a	Ox Close	18	41	Britch Crook (sic)	10
			42	Hind Rigg	17
			42 a	Hind Rigg Moor	1/10/-

Allgood Estate Rental 1730 (cont).

No.	Name of farm	Rent	
43	Snabdough	£20	Referred to as 'Upper Snabdough' and Hoim Shield and Whitchester.
44	Chridon (sic)	24	
43 a	Middle and low Snabdough	40	
45	Roughside	26/10	
46	Wolfcleugh Walls	(7/10/-)	no entry in 1730:£7/10/- in 1733 ff.
47	Money reis (sic)	27/10/-	also called Money Rays.
?53	Lambley	30	
?	Green Riggs	10	
54	Double Dikes	29	
54a	Double Dikes Mill	5/10/-	
56	Waugh Hall Holm (sic)	£7	entered Mayday 1731:no mention in 1730.

Allgood Estate: Rentals 1739/40 and 1752

No.	Name of Farm	1739/40	1752	Notes
1.	Nunwick	£190	in hand	3 tenants in 1739
2.	S'burn Castle Mains	£60	£87/10	c.12 tenants both dates
3.	East Hall Barns	55	54	? land taken off
4.	West Hall Barns	15	16	
5.	Fairshaw	no entry	88	? created from 'Nunwick' (1)
6.	Sharpley	55	50	
7.	Nunwick Mill	28/10	29/10	
8.	Parkend	13	20/15	new lease 1747
9.	Parkside	?	50	? created from Nunwick (1)
10.	Burnhouse	18	13/10	
11	Allgood farm	created post 1752 from Common Allotments.		
12	Mount Farm	ditto		
13	Fenwick Field &	42	42	
14	Little Lonbrough			
15	Goatsbones	5	nil	'laid down to common for the good of the tenants'.
16	Great Lonbrough	20	29	
17	Stooprigg	created post 1752 from Common Allotments		
18	Townshields	25	31/10	
19	Gofton	12	11	reduced 1740 to £11.
20	Latterford			
21	Ramshaw's Mill	70	78	
22	Low Morralee			
?	Green End	18		
?	Hill House	19	37	
?	Close House	12		
?	Ox Close	18	14	
?	Burn House	18	13/10	(£15 from M.D. 1740)
23	Ravensheugh	15	15	
24	Morkely (sic)	15	15	
25	Warkshaugh	50	58	Birkley Wood @ £8 p.a. added from Mayday 1743
26	Birkley Wood	nil		
27	Short Moor	50	50	
28	Burnmouth Foot	50	48	
29	Pithouse	10/10	10/10	'with share of common'
30	Billerly	19	19	
30a	Hemphole	16	16	
30b	Billerly cottage	74	3	
31	Brownsleazes	12	14	
32	Shitlington Hall	40	40	
33	Hall Hill	24	34	with N.Barneystead (No.37)
34	Upper Cragg	14	14	
35	Nether Cragg	16	17	
36	Low Highriggs	18	20	
37	Barneystead	9	held with Hall Hill (No. 33)	
38	Upper Highriggs	22	21	(£20 from 1743 for 7yrs.)
39	Esp Mill	18	19	(£21 from 1742 for 12 yrs)

Allgood Estate: Rentals 1739/40 & 1752.

<u>No.</u>	<u>Name of farm</u>	<u>1739/40</u>	<u>1752</u>	<u>Notes</u>
40	Bridge House	£15/10	£15/10	
41	Birch Crook	10	10/10/6	
42	Hindrigg	17	20	
42a	Hindrigg Moor	2/10	3	also called 'Watson's Wall
43	Snabdough	61	60	'Holm Shield,Whitchester, Upper and Under Snabdough'.
44	Chirdon	25	27	
45	Roughside	26	30	
46	Wolfeleugh (Walls)	9	12	
47	Money Reays	29	40	Increased in 1743.
48	Brandon	80		
49	Reaveley Eastside	90	240	
50	Brandon Hill Head	140	140	?£160 in 1752.
51	Brandon White House	?	11	
52	Reavely Westside	120	130	
52a	Reavely Mill	8	10	
53	Lambley & Greenrigs	38	?50	
54	Double Dikes	29	29	
55	Harper town	no entry at either date		
56	Waghould Holme	6/10	6/10	
?	High Meadows	18	?	no mention of this except in 1739/40.

Allgood Estates: Rentals 1765, 1781, 1800.

No.	Name of farm	1765	1781	1800	Notes
1.	Nunwick	in hand save for a variable number of closes let occasionally .			
2.	S'burn Demesne	£91/10	£133	£150/15	Variable size.
3	E.Hallbarns	£80	~~79~~ 90	125	
4	West Hallbarns		77	84	
5	Fairshaw	70	130	180	
6	Sharpley	58	80	110	
7	Nunwick Mill	36	43/10	48/3	
8	Parkend	?	22/10	80	
9	Parkside	55	74	85	
10	Burnhouse	17	32/16/6	85	
11	Allgood farm	?	50	65	created post 1765
12	Mount farm	31/10	50	80	
13	Fenwick Field	60	~~120~~ 95	120	
14	Little Lonbrough				
15	Goatstones	?	21	37	created post 1765
16	Great Lonbrough	31/10	50	80	
17	Stoopridge	?	116	80	created post 1765: size reduced c.1786
18	Townshields	40	60	70	
19	Gofton Low	13	30		
19 a	Gofton High	?	32	73	
20	Latterford		68	92/10	
21	Low Morralee	90	63		
22	Ramshaw's Mill		20	110	
23	Ravensheugh	18	19		
24	Morkley	20	20	57/10	
25	Warkshaugh	80	80	130	
26	Birkley Wood				
27	Short Moor	52/10/-	77	98	
28	Burnmouthfoot	54	80	110	
29	Pithouse	17	20	30	
30	Billerley etc.	47	50	63	increased Mayday 1800
31	Brownsleazes	18	52	70	
32	Shitlington Hall	52	86	100	
33	Hall Hill	34	?	?	absorbed in other farms
34	Upper Cragg	17	17		
35	Nether Cragg	~~28~~ 20	28	50	
36	Low Highriggs	28	34	42	
37	Barneystead	15	18	27	
38	Upper Highriggs	27	34	40	
39	Esp Mill	21	32	40	increased M.D. 1800
40	Bridge House	18	21	25	ditto
41	Birch Crook	15	42	46/10/-	

Allgood Estates: Rentals 1765, 1781 and 1800.

No.	Name of farm	1765	1781	1800	Notes
42	Hindrigg	£26	£28	£28	
43	Snabdough	90	90	185	
44	Chirdon	30	30	45	
45	Roughside	35	46	80	
46	Wolfcleugh Walls	11	£12/10	£12/10	
47	Moneyrees (sic)	?84	55	70	Probably £42 in 1765.

Brandon Estate.

48	Brandon				
49	Reaveley Eastside	240	340	600	
50	Brandon Hillhead	205	205	280	
51	Brandon White Ho.	21	21	21	Annual tenancies
52	Reaveley Westside				
		215	230	400	

Lambley Estate

53	Lambley	55	55	65	
54	Double Dikes	30	38	50	
55	Harper Town	no entry	£8/12	£12/12	
56	Waughold Holme	8	10	£20/15	
57	Tows Bank	no entry	in hand	£5/15	

Annual increase and decrease in Estate rentals 1781-1802.

Year	Rental	Increase	Decrease	
1781	£4,023	£11	£87	
1782	3,950	93	29	
1783	3,917 ?	24	6	
1784	? the entry for 1783 is in fact for 1784			
1785	4,109	66	30	
1786	4,145	102	25	
1787	4,223	76	90	
1788	4,209	12	320	£313 p.a. Colt Park Sold.
1789	3,901	302	65	
1790	4,138	24	1	
1791	4,161	55	17	
1792	4,199	38	20	
1793	4,217	6	7	
1794	4,216	257	nil	
1795	4,473	105	nil	
1796	4,577	22	nil	
1797	3,599	84	nil	
1798	4,683	108	34	Decrease all on Newbrough tythe
1799	4,756	nil	2	ditto
1800	4,755	122	nil	
1801	4,876	135	3	
1802	5,008	63	nil	

Allgood Estates: Liabilities 1750-1800.

'A' Nov. 11th 1752.

Total Debt £33,673/7/6

In all forty five creditors listed, the following eight of whom were owed more than £1,000.

Peter Pearson (£8,000 @ 4%); Mrs. Stainforth (£3,000 @ 4½%); Samuel Crompton (£2,000 @ 4%); George Nichols (£2,000 @ 4%); John Robson (£1,100 @ 5%); Rev. Thos. Dockwray (£1,00 @ 4½%); Sir Walter Blackett (£1,000 @ 4%); Henry Lascelles (sic) (£5,600 @ 4%).

Annual Interest charges approx. £1,350 equivalent to 48% of annual gross rental.

'B' Jan. 1st. 1758.

Total Debt £39,910

In all 28 creditors listed of whom the following were owed more than £1,000:-

Peter Pearson (£8,000 @ 4%); George Nichols (£2,000 @ 4%); Sir Walter Blackett (£1,000 @ 4%); Henry Lascelles (£24,000 @ 3½%);

Annual Interest charges approx. £1,500 equivalent to 43% of annual gross rental.

'C' Jan. 1st 1800.

Total Debt £56,561

In all 80 creditors of whom the following were owed more than £1,000:-

Mrs. Peirson (sic) £8,000 @ 5%; Mr. Lascelles (now Lord Harewood) £20,356 @ 4½%; Messrs Stotts £1,000 @ 5%; Mr. Ridley £3,900 @ 4½%.

Annual interest charges £2,706"15"4 equivalent to nearly 56% of gross annual rental.

The Ecclesiastical Estates

The accountancy practices of both the Bishopric and the Dean and Chapter of Durham are extremely difficult to understand. The fact that latin remained the official language well into the 19th century is an indication of the antiquated methods used. The spheres of activity of the various officers - Bishop's Auditor, Dean and Chapter's Receiver and Treasurer were clearly laid down by some customary procedure the details of which I have not been able to discover. For this reason one should hesitate in placing too much on the actual annual figures since it is not clear what exactly they refer to. For example there is at this stage no information as to what was 'received into the Book' by the Dean and Chapter Receiver was based on.

Without a much fuller examination of the records which would have been beyond the scope of this study no solution to this problem can be given. Where an explanation can readily be given on the basis of the actual entries this has been done but elsewhere no attempt has been made to interpret the figures in more than a general way.

The position regarding the collieries is particularly difficult. The lease renewal fines are brought to account in the 'Contract Note', the annual fixed rents are sometimes included under 'Minera Carbonorum' in the Receiver's Book and sometimes in the Treasurer's book. The Overworkings (the sum payable per tenn for coal produced beyond the figure stipulated in the lease for the fixed rent) is always accounted for in the Treasurer's book.

Despite these shortcomings it was thought worth while including these figures as an indication of the affairs of these estates.

BISHOPRIC of DURHAM.

AUDITOR'S ACCOUNTS.

'Rents for copyhold and other lands by Wards'

(Selected years)

Year	Darlington Ward	Chester Ward	Easington Ward	Stockton Ward	Total	Mss No. Ch. Comm.
1689 (a)	£756 plus £34	£486- £14	£445 -£17	£346 -£4	£2,102	195,571
1698 (a)	£757 "	£17 £487 £51	£445 £5	£346 £8	£2,116	195,581
1699 (a)	£757	£29 £486 £31	£445 £4	£346 £12	£2,108	195,582
1700 (a)	£757	£27 £486 £27	£445 £9	£346 £10	£2,106	195,583
1710 (b)	£757 plus £65	£486	£445	£346	£2,099	195,597
	£s	£s	£s	£s	£s	
1715	757	486	445	346	2,034	195,602
1718	757	486	445	346	2,034	57,5367/1/38
1724	895	482	445	347	2,169	195,608
1731	902	490	444	342	2,177	195,614
1741	901	519	446	341	2,208	195,625
1745	900	529	447	341	2,217	195,629
1754	905	525	447	342	2,218	195,641
1755	905	535	480	342	2,262	195,642
1760/1	907	555	469	342	2,273	195,650
1770/1	1,188	609	447	344	2,588	195,660
1781	1,225	646	447	352	2,671	195,683
1782	1,225	646	447	352	2,671	195,684
1783	1,225	no figs.	447	352	3,398 (sic)	195,685/6
1783/4	1,225	851	447	352	2,875	195,688
1785	1,225	851	447	352	2,875	195,689
1786	1,225	851	447	352	2,875	195,691
1788	1,226	851	447	352	2,876	195,692
1789/90	1,226	851	447	358	2,876	195,694

BISHOPRIC of DURHAM.

FINES for LEASE RENEWALS.

Year.	Number of leases renewed			Fines	
	lives	years	total	£s	
1751				1,806	
1771				2,686	
1772				6,254	
1773				1,902	
1774				3,398	
1775				4,243	
Bishop Barrington.					
1791-2	22	26	48	3,945	
1792-3	27	29	56	4,023	
1793-4	11	59	70	4,760	
1794-5	22	35	57	3,013	
1795-6	18	61	79	5,979	
1796-7	11	63	74	6,736	
1797-8	9	68	77	5,213	
1798-9	13	28	41	4,427	
1799-1800	25	42	67	5,369	
1800-1	20	40	60	4,516	
1801-2	18	46	64	5,503	
1802-3	15	45	60	5,175	
1803-4	16	61	77	5,809	
1804-5	10	72	82	7,301	
1805-6	18	26	44	5,018	
1806-7	17	40	57	5,880	
1807-8	20	40	60	4,913	
1808-9	13	32	45	4,657	
1809-10	13	56	69	8,861	
1810-11	7	58	65	6,856	
1811-12	20	65	85	8,347	
1812-13			53	7,499	
1813-14			71	8,884	
1814-15			33	4,488	(July 7th to Nov.7th)
1814-15				9,374	(Nov.8to Nov.)
1815-16				6,407	
1816-17				5,894	
1817-18				8,593	
1818-19				9,988	
1819-20				7,930	
1820-1				6,767	
1821-2				8,338	
1822-3				8,071	
1823-4				12,320	
1824-5				9,521	
1825-6				5,004	(Nov. 1825 to Mar.25th date of Bishop's death.)
Van Mildert.					
1826			33	5,261	(Mar.25th to Nov.20th)

BISHOPRIC of Durham.

FINES for LEASE RENEWALS. (cont)

Van Mildert.

Year	No. of leases	Fines
1826-7	39	£10,078
1827-8	52	8,864
1828-9	32	7,890
1829-30	59	6,327
1830-1	60	11,804
1831-2	78	12,764
1832-3	?	9,026
1833-4	?	22,665
1824-5	?	7,970
1836		9,524 (30th. June to Dec.31st)
1837		6,155 (£4,592 for renewal of leases for years)
1838		15,275 (£10,795 for renewal of leases for lives)
1839		uncertain
1840		8,656
1841		23,563

Detail of typical (non mineral) lease renewal fine.

Stamfordham tythes (reneable^w every seven years)

1792	£700	7	10
1798/9	£786	2	0
1805/6	£973	0	6
1812/3	£1,591	13	4

BISHOPRIC of DURHAM

Shute Barrington's episcopacy.

LEASE RENEWAL FINES.
(Collieries.)

Year

1791-2	Lanchester Coalmines Earl of Sefton 1yr.	£255/17/-
1792-3	No coalmine renewals specified	
1793-4	Greenfield colliery Geo Dixon 7 yrs.	£242/10/-
	Grewburne & Lynesack Dorothy Lodge 7 yrs.	£523/15/-
	Stella Colliery, Sir Hy Vane 1 life	£440/10/10
	Blackburne Colliery, Barrington Price esq 3 lives no fine.	
	Lanchester coaleries Earl of Sefton Fine paid direct to Bp.	
1794-5	Lanchester collieries Sefton 1yr. (Paid in London)	£314
	Chester Wayleave Wm. Jollife Esq. 9yrs	21
1795-6	Charlaw Colliery: John Biss Esq. 11yrs 9mnths. (endorsed 'a bad landsale colliery').	£ 29/8/6
	Newbottle Coalmines; John Fawcett clerk, 7yrs.	£1,345
1796-7	Morton Coalmines; Wm. Hy. Lambton 7yrs.	£250
	Quarrington coalmines; Hopper Williamson 1 life	125
	Birtley Colliery: Sir T. H. Liddell 7yrs.	£1,050
	Lanchester Earl of Sefton 1yr.	314
1797-8	Counden, Bp. Auckland, Bp. Wearmouth, Sunderland, Whitburn and Bolden; Geo Brooks no fine 'at present of no value, on the contrary the lessee is many hundred pounds out of pocket'	
	Bowden (?Bolden) Henry Wilkinson no fine the 'mines yield no profits'	
	Urpeth Moor colliery & wayleave. W. H. Lambton: 7yrs	£560
	Plauseworth & Findon harber moor; Ditto 7yrs	60
	Lanchester Earl of Sefton 1 yr.	314
1798-9	Tanfield Leigh 16yrs. 10 months John Ord esq.	250
	Lanchester as 1797-8	
1799-1800	Edderley Colliery; Mathew Gonsett no details	£450
	Lynesack & Softley Colliery; Tweddell & Chapman 7yrs.	£607/10/-
	Crake Scar Colliery: Barnes & Heslop 7yrs.	£116/ 5/-
	Greenfield Colliery: Geo. Thos. & John Dixon 7yrs	£267/10/-
	Lanchester: Earl of Sefton , 1yr.	£314
1800-01	Blackburn Colliery Sir John Eden Bart. 3 lives	£300
	Lanchester as before	314
1801-02	Newbottle Colliery; Rev. John Fawcett 7yrs.	£1,434
	Ryton Wayleave: Geo Silvertop 12yrs 8mnths.	219/3/11 ³ / ₄
	Lanchester as before	314
1802-3	Lanchester the only coal renewal	

BISHOPRIC of DURHAM.

LEASE RENEWAL FINES
(collieries etc.)

Year	Details	£	s	d
1803-04	No coal mine renewals listed save for Lanchester for 1yr. to the Earl of Sefton	414		
1804-05	Chester Wayleave: Hilton Jolliffe esq. (not used)	21		
	Blackboy Colliery Geo. Brooks 7yrs	175	8	0
	Bp. Wearmouth, & Whitburn & not been won, but a great expense has attended the attempting.			
	Morton Manor Coal Mines: Thos. Wilkinson 7yrs.	592	10	0
	Urpeth Coal mines and wayleave 7yrs.	760	2	1
1805-06	Charterhorn R. Pierse & Wm Christopher 1 life	630		
1806-07	Middridge; Sir John O'carrol & lady Eliz Ann his wife 1 life	1,126	13	4
	(? not a coal mine.)			
	Birtley Colliery: Sir Thos. Liddell 10 yrs.	1,050		
	Butterknowle Colliery: Rev. Luke Pratman 7yrs.	607	10	
	Crake Scar: Parkin & Hardy, 7yrs.	178	15	
	Greenfield: Geo John & Thos Dixon 7yrs	242	10	
1807-08	Evenwood Colliery: Earl of Strathmore 1 life	398	15	
1808-09	Houghton & Newbottle: Rev. John Fawcett 7yrs.	957	18	4
1809-10	Stella Colliery Sir Henry Vane 1 life changed	725		
1810-11	Blackburn Colliery Sir John Eden 1 life	110		
	Morton Collieries: Thos Wilkinson 7yrs	782	6	10
1811-12	Black Boy colliery: Messrs. k Dixon 7yrs	165	8	4
	Urpeth Moor Colliery & Wayleave Th. Wilkinson 7yrs	647	6	0
	Plausworth Colliery: ditto 7yrs.	25		
	Findon Harber Moor :ditto 7yrs.	25		
1812-13	Tanfield Leigh Colliery Lady Anne Simpson 13 yrs	110		
	Lanchester Rev. Mr. Barrington	no fine		
	Whitburn & Sunderland colliery Geo Brooks 8 yrs.	no fine		
1813-14	Stella Colliery; 1 life and 1 changed Countess of Antrim	£1,200		
	West Pitts Colliery: Kendall etc. 7yrs	128	15	
	Coldnott: Rev. Luke Pratman 7yrs	769	14	
	Greenfield Colliery: Messrs Dixon	261	5	
1814 to Nov. 7th.	Quarrington, Lanchester, & Coldknott colliery: Lord Barrington	no fine		
	Bedlington R. Clark 1 life	5	3	0
	ditto Humphrey Cook Esq. 1 life	637	6	3

DEAN & CHAPTER of DURHAM

RECEIVER'S BOOK.

(1770-1800)

- 'A' 'Received in the Book for the year'
 'B' 'Total Charge (including arrears)
 'C' 'Rents' (? excluding certain fines, and colliery rents)
 'D' 'Remitted to Treasurer'

Year	'A' £s	'B' £s	'C' £s	'D' £s	Notes
1770	2,916	3,159	2,074	?	
1771	2,911	3,199	2,053		
1772	2,908	3,265	1,905		
1773	2,911	3,334	2,067		
1774	2,919	3,252	1,990		
1775	2,899	3,317	2,023		
1776	2,901	3,293	2,049		
1777	2,898	3,306	2,086		
1778	2,907	3,164	2,135		
1779	2,907	3,141	2,132		
1780	2,910	3,129	2,041		
1781	2,921	3,245	2,116		
1782	3,823	4,082	2,819		Colliery rents transfered from Treasurer's book
1783	3,654	4,102	2,840		
1784	3,744	4,006	2,887		
1785	3,948	4,291	3,115		
1786	4,165	4,498	3,311		
1787	4,243	4,600	3,443		
1788	4,453	4,761	3,596		
1789	4,448	4,813	3,617		
1790	4,446	4,804	3,661		
1791	4,449	4,680	3,633	£4,132	
1792	4,452	4,707	3,672	3,871	
1793	4,460	4,640	3,557	3,655	
1794	4,336	4,675	3,531	3,754	
1795	4,606	4,873	3,835	4,030	
1796	4,686	4,874	3,897	3,996	
1797	4,735	4,959	3,933	4,039	
1798	4,693	4,956	3,673	3,834	
1799	4,547	5,013	3,683	4,026	
1800	4,541	4,863	3,684	3,908	

DEAN & CHAPTER of DURHAM

RECEIVER'S BOOK

(1801-1831.)

'A' Receiver's Book for the year

'B' Total Charge (including arrears)

'C' Rents for year (see introduction to Appendix p.)123)

'D' Remitted to the Treasurer

Year	'A' £s	'B' £s	'C' £s	'D' £s	Notes
1801	4,540	4,841	3,633 (a)	3,633	
1802	4,671	5,065	3,795	4,020	
1803	4,672	5,062	3,315	3,443	
1804	4,570	5,532	3,644	4,224	
1805	4,560	5,112	3,713	3,998	
1806	4,710	5,169	3,460	3,640	
1807	5,006	5,856	4,190	4,931	
1808	5,227	5,497	4,436	4,625	
1809	5,985	6,205	4,308	4,429	
1810	6,041	7,164	4,429	4,635	
1811	6,385	8,261	5,188	6,943	
1812	6,632	7,298	4,374	4,965	
1813	6,633	8,312	4,247	5,821	
1814	6,645	8,482	5,444(b)	6,825	
1815	6,678	7,682	5,166	6,028	
1816	6,578	7,580	5,477	6,192	
1817	6,574	7,310	5,724	6,160	
1818	6,594	7,090	5,770	6,051	
1819	6,606	6,903	5,157	5,289	
1820	6,613	7,585	5,817	6,650	
1821	6,338	6,630	5,536	5,710	
1822	6,339	6,616		4,779	
1823	6,351	7,545		6,599	
1824	6,351	6,653		5,797	
1825	6,502	6,714		5,944	
1826	6,607	6,733		6,033	
1827	6,605	6,650		5,963	
1828	6,709	6,754		6,100	
1829	6,714	6,724		6,058	
1830	6,710	6,724		6,075	
1831	6,718	6,721		6,038	

DEAN & CHAPTER of DURHAM

RECEIVER'S BOOK.

'A' Details of Minera Carbonorum from Book 1799-1800

'B' Details of Min. Carb. for 1809-1810.

'A' 1799-1800.

'Henrico Vane Tempest pro ejusdem apud Rainton	£22	"	0	"	0
Carlo Brandling Arm. pro parte de Heworth	£30		0		0
Mr. Smith ey al's pro parte ibidem	£200				
Carlo Brandling arm. et alli'pro Hebburn	300				
Wm. Russell pro Wallsend	500		10		0
? Horner pro Elvet de Crossgate	?300				
Wm. Bell et all. pro le wayleave Wallsend	£200				
Wm Russell pro wayleave Heworth	£150				
Cuth't Ellison Arm. et all pro wayleave	£200				

'B' 1809-1810

Henrico Vane Tempest pro ejusdem apud Rainton	£22		0		0
de Fenkelloe			10		0
Carlo John Brandling arm. pro parte de Heworth	357				
Mr. Smith et all. pro parte ibm.	100				
Ca.J. Brandling arm. et all pro Hebburn £300 (crossed out)					
Wm. Russell Arm. pro Wallsend	500		10		0
eodem pro Land Tax	12		10		
Rev. Bowlby pro Elvet et Crossgate	100				
Simon Temple arm. pro Westoe et Harton	800				
Wm. Bell et all pro le Wayleave at Wallsend	200				
Wm. Russell pro wayleave at Heworth	150				
Cuthbert Ellison arm. et all pro ibidem	200				

DEAN & CHAPTER of DURHAM (1770-1830)

CONTRACT NOTE.

Fines for renewal of leases.(including those for the insertion of lives in leases for three lives, and the septennial fines on leases for years.)

Year	£s	Year	£s	Year	£s.
1770	3,826	1790	7,005	1810	11,173
1771	3,104	1791	6,577	1811	21,105
1772	3,135	1792	4,696	1812	19,948
1773	5,463	1793	4,277	1813	14,704
1774	8,382	1794	13,865	1814	16,592
1775	4,354	1795	7,726	1815	23,148
1776	4,438	1796	9,415	1816	20,238
1777	6,293	1797	8,357	1817	16,490
1778	5,180	1798	7,346	1818	24,898
1779	4,118	1799	6,652	1819	21,340
1780	7,217	1800	9,200	1820	14,584
1781	7,879	1801	10,793	1821	13,190
1782	6,911	1802	10,871	1822	25,113
1783	6,267	1803	10,369	1823	20,919
1784	6,345	1804	11,470	1824	22,822
1785	5,534	1805	13,656	1825	31,925
1786	3,510	1806	10,161	1826	20,447
1787	8,091	1807	10,562	1827	17,642
1788	4,429	1808	24,491	1828	22,135
1789	9,790	1809	19,544	1829	25,461
				1830	22,376
				1831	18,182

Five year averages of 'Contract Note'

1770-74	£4,782
1775-79	£4,877
1780-84	£6,924
1785-89	£6,271
1790-94	£7,284
1795-99	£7,899
1800-04	£10,541
1805-09	£15,683
1810-14	£16,704
1815-19	£21,223
1820-24	£19,326
1825-29	£23,522

DEAN & CHAPTER of DURHAM

WALLSEND COLLIERY.

(N.B. For an explanation of terms and methods of accounting see notes at the beginning of Appendix on Dean & Chapter accounts.) (p. 123)

'A' Fixed Rent

'B' Overworkings

'A' The fixed rent was first brought to account in the Treasurer's Book in 1778 at £200; in 1781 this item was transferred to the Receiver's Book and either that year or the next increased to £500/10/-. In 1821-2 a sum of £500 appears for the fixed rent for the Bensham seam, and remains in the Treasurer's book till at least 1832. It is not certain whether this was in addition to the £500/10/- previously paid or in place of it since the High Main seam had by then been largely exhausted.

'B' Over workings each year from 1781

Year	£s	Year	£s	Year	£s
1781	333	1795	1,331	1810	2,039
1782	22	1796	1,604	1811	2,168
1783 (a)	207	1797	1,384	1812	1,924
1784 (b)	141	1798	1,182	1813	1,580
1785 (c)	174	1799	1,400	1814	1,646
1786	?	1800	1,400	1815	2,092
1787	?	1801	1,665	1816	1 731
1788 (d)	118	1802	1,618	1817	1,387
1789	324	1803	1,967	1818	1,647
1790	712	1804	1,937	1819	1,003
1791	617	1805	2,072	1820	1,893
1792	956	1806	2,204	1821	1,485
1793	687	1807	2,215	1822	3,829
1794	678	1808	2,175	1823	3,204
		1809	1,303	1824	3,333
				1825	2,644
				1826	1,048

N.B. In 1823 an additional £194 paid for 'small coals' ; 1824 £266; 1825 £267 and 1826 £271.

Details of overworkings 1827-8 to 1830-31

1827-8	Overs 635:125 @ 25/-	£794/-/11	
	smalls 313:201 @ 21/-	£329/1/-	Total £1,123/1/11
1828-9	Overs 741:115 @ 25/-	per tenn of 528 (sic)	£926/10/5
	smalls 479:505 @ 21/-	ditto	£503/19/6
1829-30	overs 223:20 @ 25/-	£278/15/10	
	smalls 227:504 @ 21/-	£239/7/-	
1830-31	overs 287:12/21st @ 21/-	£301/19/-	
	smalls 66:424 @ 21/-	£70/ 2/10	

DEAN & CHAPTER of DURHAM (1770-1831)

DIVIDEND

N.B. The Dividend is the share of the net profits from the Dean & Chapter estates which went to each canon residentiary; two shares going to the Dean. Since there were 12 canons each share represents one-fourteenth of the net proceeds (called Restat in the accounts). This does not represent the total income of any of the canons as there were also other properties particular to each stall the proceeds of which were not included in the joint D. & C. accounts.

Year	£s.	Year	£s.	Year	£s.
1770	222	1790	525	1810	794
1771	150	1791	488	1811	1,685
1772	132	1792	412	1812	1,322
1773	310	1793	326	1813	1,003
1774	533	1794	966	1814	1,360
1775	245	1795	598	1815	1,451
1776	250	1796	776	1816	1,646
1777	401	1797	637	1817	1,358
1778	312	1798	535	1818	1,736
1779	246	1799	491	1819	1,398
1780	457	1800	721	1820	1,115
1781	513	1801	807	1821	764
1782	454	1802	860	1822	1,743
1783	420	1803	759	1823	1,776
1784	397	1804	914	1824	1,722
1785	375	1805	1,127	1825	2,478
1786	213	1806	809	1826	1,441
1787	553	1807	852	1827	1,298
1788	310	1808	1,765	1828	1,709
1789	678	1809	1,093	1829	1,755
				1830	1,460
				1831	1,260

DEAN & CHAPTER of DURHAM

TREASURER'S BOOK.

Coal Mining revenue selected dates.

N.B. The following items do not represent the total income from this source since fines for renewal of leases were brought to account in the 'Contract Note' and fixed rents transferred to the Receiver's book q.v. (pp 132....)

1792

Russell overworkings at Wallsend Colliery	£955/16/4
Brandling overworkings at Heworth Colliery	382/10/1
Smith overworkings at Heworth	127/11/10 $\frac{1}{4}$
<u>Total</u>	<u>£1,465/18/3$\frac{1}{4}$d</u>

1800-1801

Russell overworkings at Wallsend Colliery	£1,665/ 3/ -
Colliery Rent Low Heworth	100
Overworkings at Felling (?Brandling's Heworth)	184/16/8
Overworkings at Smith's Hebburn/Walker	139/19/6
<u>Total</u>	<u>£2,089/19/2</u>

1813-14

Russell overworkings at Wallsend	£2,091/16/4 $\frac{3}{4}$
Fawdon Colliery wayleave over Wallsend	300/ 0/-
Overleadings from Willington Colliery	45/ 3/10
Manor Wallsend overworkings (Brndling)	1,359/ 6/7
Kenton Over leading over Wallsend	33/10/1
Urpeth overleading over Heworth	22/17/6
<u>Total</u>	<u>£3,852/14/4$\frac{3}{4}$d</u>

1823-24

Wayleave rent lyr. Heaton Colliery	100/--/-
Overleading from Heaton Colliery	115/ 7/8 $\frac{1}{2}$
Wayleave Walker Colliery	100/--/-
Overworking and overleading Heworth Colliery	1,096/ 6/4 $\frac{3}{4}$
Over workings Ireston (Landsale)	2/15/3
Overworkings Ouston (Landsale)	6/ 6/7 $\frac{3}{4}$
Overworkings Felling Colliery	660/ 4/11 $\frac{1}{4}$
Overworkings Wallsend Colliery	3,332/16/1
Certain Rent for Bensham Seam at Wallsend	500/--/-
Overworkings Coxlodge Colliery	16/14/2 $\frac{1}{2}$
Working out of Howden Pans at Percy Main Coll'y	106/10/5 $\frac{1}{2}$
Manor Wallsend overworkings	309/ 7/6
Manor Wallsend outstroke rent	85/13/10 $\frac{3}{4}$
Manor Wallsend men and engine coals rent	8/17/1 $\frac{1}{2}$
Wallsend Small coals	265/18/6
Gateshead Park outworkings from Royalty	114/18/-
Jarrow Colliery ditto	16/13/-
Lord Londonderry(?overworkings)	358/10/3
Ferryhill New lease increased rent	71/12/-
Ferryhill overworkings	5/17/6
<u>Total.</u>	<u>£7,274/ 9/5$\frac{1}{2}$</u>

DEAN & CHAPTER of DURHAM

TREASURER'S BOOK.

Coal Mining revenue in 1830-31.

N.B. The following items do not include any fines for renewals of leases brought to account under the heading 'Contract Note' (q.v.) nor many of the fixed rents which were included in the Receiver's Book, (I have found no reason other than usage to suggest why some fixed rents should be transferred from the Treasurer's to the Receiver's book.)

1830-31.

	£s	s	d
Lord Ravensworth & Partners (The Grand Allies) wayleave	350	0	0
ditto overleading 206 ³ / ₈ tenns from Usworth @ 7/6	77	6	3
Walker Colliery wayleave	100		
Heaton Colliery wayleave	100		
Heaton Colliery overleading 604:32 @ 3/-	90	12	2 ¹ / ₂
Team Colliery wayleave rent	300		
Washington Colliery overleading 41:105 @ 5/-	10	6	3
North Hetton Colliery wayleave for 1,677:359 @ 2/6	209	14	6
Coxlodge & Gosforth Colliery overleading 1,104:307 @ 3/-	165	14	1
Thos. Wade leading from Mount Moor 419:387 @ 4/-	83	19	7
Lord Londonderry leading from his own royalty 603:0 at 2/6	75	7	6
Lord Londonderry leading from others royalties 360:0 @ 2/6	45		
<u>Total for Wayleaves</u>	<u>£1,608</u>	<u>0</u>	<u>5¹/₂</u>
Heworth Colliery rent	400	0	0
Heworth Colliery overworking 449:52 @ 22/6	505	5	1 ¹ / ₂
Mr. Russell Bensham Seam at Wallsend Colliery	500	0	0
Mr. Russell overworkings from Bensham 287:12/21stg @ 21/-	301	19	0
Dittos smalls 66:424 @ 21/-	70	2	10
Ditto outstroke rent from Wallsend Glebe 58:180 @ 7/6	21	17	6 ¹ / ₂
North Hetton for 320 out of Rainton @ 30/- less 200 included last year	230		
North Hetton Oustroke rent on 946 @ 5/-	236	10	0
Gateshead Park Colliery out of Heworth Royalty 184:384	130	2	3
Manor Wallsend overworkings 749 tenns @ 20/-	749		
Felling overworkings 187:208 @ 22/6	210	18	4
Pelaw Main leading stone etc over Heworth	16	9	1
Lord Londonderry for 6,888:264 at 30/- (sic)	1,178	15	2
Lord Londonderry for outstroke from his own freehold for 723:406 @ 5/-	180	15	0
Lord Londonderry for outstroke from others freeholds for 432:0 @ 5/-	108		
<u>Total for collieries</u>	<u>4,839</u>	<u>14</u>	<u>4</u>
Full Total	<u>£6,447</u>	<u>14</u>	<u>9¹/₂</u>