

[NEIMME-Les-1-1]

[Roman Numeral I [one]]

Analysis of Pitmens Bonds

1761

By W Logan,

Langley Park

May 1898

Les 1/1

[NEIMME-Les-1-p1a]

1/1a

Analysis of Pitmen's old Bonds

Brockwell Colliery

Parish of Ryton. Geo Silvertop and Matthew Bell, Owners, dated 16 October 1761.

Hewing	1/4 per Score, 5/4 & Stone Coal Seams	A Score = 20 corves of 16 pecks = 4.8 tons
Ditto	1/4 per Score Brockwell & Barlow Fell	
	Equal 3.333d per ton	
Yard Work	5d per yd 5/4 Seam. 6d per yd all other seams.	
Barrowmen	80 yards 6d per Score, 20 yards further 1d per Score. "To run four boards in every way in every pit rank before they are to have any abatement or satisfaction."	

Carlaw Colliery

Parish of Witton Gilbert. John Smith, Owner, dated 23rd November 1767.

No name of seam given, but it was no doubt the Main Coal Seam.

Hewing	1/1 per Score of 21 corves of 8 pecks = 2.52 tons	
	Equal 5.1587d per ton	
Barrowmen	To be paid 6d per Score for every 100 yards to the west, and 60 yards to the east from every shaft. 1d per Score for every 20 yards further. "To run four boards in every way in every pit rank before they are to have any abatement or satisfaction."	

Gateshead Fell Colliery

Parish of Gateshead. Robert Ormston, Owner, dated 18 October 1782.

Hewing	Yard Seam	
Whole Mine	2/6 a Score	A Score = 20 corves of 16 pecks = 4.8 tons.
Broken Mine	2/3 ditto	
Long Way	2/3 ditto	
2/6 = 6 ¼ d per ton		2/3 = 5.625d per ton

[Hewing]	Five Quarter and Six Quarter Seams	
Whole Mine	2/- a Score	A Score = 20 corves of 20 pecks = 6 tons.
Broken Mine	1/9 ditto	

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1/1b

If the 6/4 is worked and stowed, then the 5/4 to be paid.

Whole Mine 2/1	Broken 1/10
2/- = 4d per ton	1/9 = 3½d per ton
2/1 = 4.166 ditto	1/10 = 3.666 ditto

	Main Coal Seam	
Whole Mine	1/10 per Score	A Score = 20 corves of 20 pecks = 6 tons.
Broken Mine	1/7 ditto	
1/10 = 3.666d per Ton		1/7 = 3.166 per ton

To send to bank only "good clean merchantable coal."

	Five Quarter Seams "under the Stone"	
Whole Mine	2/6 per Score	A Score = 20 corves of 16 pecks = 4.8 tons.
Broken Mine	2/3 ditto	
2/6 = 6½d per Ton		2/3 = 5.625 per ton
Includes the cutting of stone 8 inches		

To send to bank only "good clean merchantable coal."

Yard Work	Winning Headways	Walls
6/4 & 5/4 together	10d [per yard]	8d [per yard]
5/4 under stone	10d [per yard]	8d [per yard]
Low Main	8d [per yard]	6d [per yard]
Yard Seam	10d [per yard]	8d [per yard]

Taking down stone in Yard Seam in Headways, Walls, and Narrow Bords	6d per yard
To send small and hirvings to bank separate If stowed underground to be paid	3d per Score
Working double in Bords for 20 peck corves	2d per Score
Setting props	2d per Score
Hewers working shift work	1/4 per shift
Barrowmen, first rank 60 yards	8d per Score
60-80 yards	9d ditto
every 20 yards further	1d ditto
Drivers for 1 st half of year	10d per day
2 nd ditto	1/- ditto

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1/1c

Pontop Pike Colliery, and embracing Pontop pike, Lanchester Fell, Lintz Collieries, and Collierly Collieries. John, Marquis of Bute; Francis, Marquis of Hertford; and Ann, Simpson, Owners, dated 18 March 1820.

Hewing		Loud Pit. Hard Coal Seam	
Whole Mine, when kirving in the Splint		3/4 [per score]	A Score = 20 corves of 16 pecks corves = 4.8 tons.
Broken Mine ditto on ditto		3/4 [per score]	
3/4 = 8.333d per ton		3/- = 7½d per Ton	
Yard Work.	Headways	Walls	Narr. [narrow] Bord
Whole Mine	1/3 per yard	1/- per yard	6d per yard
Turning bord out of Headways 2/6 each			
Broken Mine Walls 10d per yard			
Taking up Splint 3d per yard			
2d per Corf to be paid for every corf of splint or small Coal left underground			
Putting. 8d per Score up to 60 yards, and 1d per score commencing at 61 yards for every 20 yds further			

Hewing		South Pit. Hard Coal Seam	
Whole Mine, kirving on the Splint		3/10 per Score	A Score = 20 corves of 16 pecks corves = 4.8 tons.
3/10 = 9.784d per ton			
Yard Work.	Winning Headways	Walls	Narrow Bords
	1/3 per yard	1/- per yard	6d per yard
Turning bord out of Headways 2/6 each			
Broken Mine Walls 10d per yard			
Taking up Splint to make height 4d per yard			
Splint or Small Coal cast underground 3/10 a Score			
Putting. Same as Loud Pit			

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1/1d

Hewing		Delight Pit, Hutton Seam	
Whole Mine, at Stone		2/2 [per score]	A Score = 20 corves of 20 pecks corves = 6 tons.
Ditto under the top		2/4 [per score]	
2/2 = 4.333d per ton		3/- = 4.666d per ton	
Yard Work.	Winning Headways	Walls	Narrow Bord
	1/2 per yard	1/- per yard	4d per yard
Turning bord out of headways 1/6 each			
Small Coals cast underground 2/1 per Score			
Putting. 9d per Score up to 60 yds, and 1½d per score commencing at 61 yards for every 20 yds further			

In a Bond for the same Collieries dated 5th March 1827 I find for the first time (to my knowledge) clauses: That it is competent for the Viewer to prevent the use of gunpowder either wholly or in part. Defined terms as to the occupation of dwelling houses. As to the not keeping of dogs.

The same bond defines a 20 peck corf as containing 87.249 imperial gallons.

S'd [signed] Wm. [William] Logan

Langley Park. Durham.

16 May 1898