

## NEIMME/BUDDLE/74 Transcription

### Bud-74 Front cover

[Image of marbled front cover]

### Bud-74-p0 Title Page

Sheriff Hill Colliery.

1797.

### Bud-74-p1

1.

This Colliery lies under a Part of Gateshead Common; and is held by Lease under the Trustees of the late Hen. Ellison Esqr; who hold a Lease of the Bishop Durham of the Manor of Gateshead.

Date – 1775 for 20 Years – Dec: 30

Term – 57 Years

Rent - £400 for 470 Tens 13 W.

Tentale for Surplus Coals – 17s 0d.

Covenant for Renewal for Terms to make up 57 Years.

1775

51

1826

1796 – at Martinmas

30 Years to come.

The Ten is 22-19 Boll Waggons.

### Bud-74-p1a

Mem: The Owners purchased Gateshead Fold Staith, below Bridge for £950.

Length [blank space] Yards, in Falling down Condition

They laid above a Mile of New Waggon Way from the Old Way across the Turnpike & through the Claxtons [?] and Ellison's Ground to the above Staith. The old Staith above Bridge at the Pothouse was sold for £250.

They added 60 Feet in Length to the purchased Staith and built a Ship Spout thereon.

### Bud-74-p2

2.

Lessees of this Colliery under the Trustees of the late Henry Ellison Esqr.;

Willm. Surtees Esqr; -  $\frac{5}{16}$  )

Jasper Harrison Esq; -  $\frac{5}{16}$  )

George Waldie Esqr; -  $\frac{5}{16}$  ) = 1

John Atkinson -  $\frac{1}{16}$  )

The certain Rent on [blank space] Tens for )

£

Wayleave to Mrs. Ellison

100 p Ann.

To the Rector

50 do.

Ellison's Way Leave on Surplus Leadings )

150

is 2s 6d p Ten )

Mr H. says the Coals cost the Owners 13s 6d p Cha: - Query?

Ellison's Rent for Way-Leave to the old Staith above Bridge was £100 per Annum.

### Bud-74-p3

3.

**1797.**

Binding Money on Oct. 18: 1796

	£	s	d
Married Men	1	1	0
Young Men	1	11	6
Tram	2	2	0
Drivers		10	6

The same Binding Money paid in 1797.

The same in 1798.

Trappers – p Day 5d.

NB. The hewers, &c find their own houses. The Men are found their Coals and pay 6d per Fother for leading them.

Such Houses as the Owners take for the Men, they pay all Rent over 25s. p Annum.

**Bud-74-p4****Low-main Coal**

They kerve in the Bottom-Coal and cast back the Kervings.

They use 7 Quarters Props.

Pay 4d a Piece for them, or 3½d.

**NB.** About ⅓ of the Workings are Skreened.**Bud-74-p5**

5.

**Hope Pile**

	Fa.
Depth to Low-main Coal	105
Diameter (a Double Shaft)	(To [illegible word] 11Ft.
	(below - 10dc [? word disappearing off edge of page]

**Section of the Low-main Coal.**

Roof – very good metal Stone

	Ft.	Ins.
Top Coal – about -	1	2
Bands – thin		
Coal – about	2	11
Band – thin		
Bottom-Coal		10¾
Generally called 5 Feet	4	11¾

Black Metal Stone Thill

Winnings 12 Yards – 8 Pillar – 4 Bord

Pillars 22 Yards

Headways – 12 Yards wide

**Bud-74-p6**

6.

**Prices in Hope Pit, Low-main Coal**

20 Peck Corf	s	d
Hewing and Casting Kerving p Score	2	6

Ditto and sending away Kervings do.	2	0
Headways – p Yard		10
Holing Walls - p Do.		8
Narrow Bord - p Do.		6
Setting on by Overman (See pa. 25) p Score		
Corving - p do.		4
Smith - p 10 Scores (Pa. 28)		
Oil - p Lamp, per Day, & findg. : Week		3
Double Working per Day		2
Keeping Machine p Score (Pa. 36)		3¼
Bankman – Labor [sic] only		1¾

Corving - 20 Peck Corf- 4½)  
Do. - 16 Do. - 3½) in 1799

### Bud-74-p7

7.

#### Hope Pit

Depth to **Five Quarter Coal**

Section of the Seam, at Face of N. Headways 100 Yards North from Shaft

	F	In.
Top Coal	1	0
Splint do.	0	1½
Scarey do.	0	4½
Grey do.	0	2
Bottom do.	0	10
	<u>2</u>	<u>6</u>

Laid off here!

No Props used in this Seam

Winnings 10 Yards.

Iron Shovels used in this Seam.

### Bud-74-p8

8.

Prices in **Hope Pit**, Five Quarter Coal.

-----  
Wrought with 16 Peck Corves – 20 to a Score  
-----

	s	d
Hewing – p Score	2	10
Putting – Viz: (see page 24.)	1	2
Setting on (see page 25.)	-	10
Winning Headways p Yard	1	0
Holing Walls – p do.	-	10
Narrow Bord – p do.	-	6
Braking & Bankg. p Score	-	3½
Settg. on at Shaft – p Day	2	2
Corving	-	3½
Keeping the Machine p Score	-	3
Corving -----		

### Bud-74-p9

9.

**Farm Pit**

[illegible symbol]

Depth to **Low Main Coal...**

**105**

Depth (First half 72)  
(Below 7) Feet

Section of the Seam

	F.	In.
Top Coal	1	4
Band, always regular in this Seam	-	-
Coal	3	0
Band	-	-
Coal	-	<u>11</u>
	<u>5</u>	<u>3</u>

Winnings, &c. &c. as in hope pit.

**Bud-74-p9a**

9a

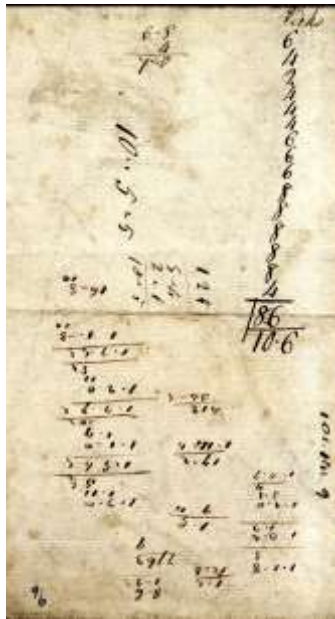
Accot. of the seams of Coal in the Fan Pitt [sic]

	Faths.	Yds	Feet
from Surface to the 3 Quar. Coal Seam	27	0	2
from Do. to Upper M. Coal	25	1	1
from upper Main Coal to Mettle Coal	7	0	0
from Do. to Stone Coal	5	0	0
from Do. to Little Coal	9	0	0
from Do. to Yard Coal	2	1	0
from Do. to Bensham	12	0	0
from Do. to Six Quarter	8	1	0

[Figures scribbled out, possibly 40/152/  
/120]

from Do. to 5 Quart. Coal	3	0	0
from Do. to Main Coal	8	0	0
	108	0	0

**Bud-74-p9b-19jpg [?]**



**Bud-74-p10**

10.

**Prices in Fann [sic] Pit; Low-main Coal**

(20 Peck Corf)

	s	d
Hewing & Cartg. & Kervg.: p Score	2	6
Do. - all the Seam - do.	2	0
Winning Headways - p Yard	-	10
Holing Walls - Do.	-	8
Narrow Bord - Do.	-	6
Double working - p Day	-	2
Sledding out & Banking [?] p Score	-	3½
Setting on at Shaft p Day	2	6
Overmen - p Score	-	10
Lamps, Oil, and Lamp Wick - p Day	-	3
* Drivers - p Day	1	0
Hewers' driving - p Do.	1	4
Trappers - p Do.	-	5
Underground Inspector p Do.	1	6
Corving - p Score	-	4½

**Bud-74-p11**

11.

Keeping the Machine p Score	-	3½
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Taking up 30 In. of Thill for the Wag: Way to the East 3s 8d p Yard.

\*Driving per Day in 1798 - £0 1s 2d.

**Bud-74-p12**

12.

**Isabella Pit**

with a 16 Peck Corf.

	s	d
High-main Coal		
* Hewing - p Score	2	10
(Winning headways p Yd.	2	0
very (Do.	1	10
Wet (Do.		
(Do.		

Borrowed some Men from Brandling's in Nov: 1798: And paid them 3 Sh. P Week Consideration Money

**Bud-74-p13**

13.

**General Observations**

**Full Dip of Colliery – S.E.**

In the Hope Pit, the Yard Coal only about 2 Feet thick, & not workable.

The Dike between the George and Isabella Pits said to be 11½ Faths. Downcast to the South.

The Hewers have nothing for either set out or laid out Coals.

**Wastemen**

Sometimes 8 Shifts and sometimes 8½ Shifts p Week at 2s 0d p Shift

**Bud-74-p14**

14.

Estimates of the Expençe [sic] of Working and Laying the Coals at the Staith.

	s	d
Low-main Coal p Chaldron	12	2
Upper-main do. do.	10	8
Yard Coal do.	10	11

Interest of Stock not considered!

In **1798** the Coals sold as below, viz:

Rent paid by the Fitters for

	s	d
Spout Ships	16	6
Put into Keels	15	6

The Coals were advanced 2s 0d p Chaldron at Christmas **1799**

**Bud-74-p15**

15.

**Waggon Way.**

The Wood and Ballasting in the Owners hands.

A Person has £2.7s.0d p Week for the Wright Work and Creasing; but complaining is to have 50s.0d p Week

Pulling up double railed Way 3½d p Rood.

**Bud-74-p16**

16.

Memorandums

Building one of Smeaton's Machines with the Engine      £120

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**Bud-74-p17**

17.

**Isabella Pit.**

	Fa	Fe	In
Depth to <b>Yard Coal</b>	<b>91</b>	<b>3</b>	<b>8¼</b>

Boring Acct. to Bensham Seam or Maudlin's Coal

	Fa	Fe	In
Thill and gray Metal	-	4	0
White Post	-	3	0
Gray Metal with Whin Girdle	1	5	0
Black Stone	-	2	6
Gray Metal with Whin Girdle	4	3	6
Whin	-	1	0
Gray Metal Stone with hard Girdles	2	2	3

Maudlin Seam [This phrase written sideways on down the next paragraph]

	F	In			
<b>Coal</b>	3	0			
Gray Metal	1	2			
Hard coarse or foul Coal	-	6			
<b>Coal</b> (last 3 In. rather crossed with Sulphur)	<u>2</u>	<u>1</u>	<u>1</u>	<u>0</u>	<u>9</u>
Turn over for the true Section, as sunk through!				<u>11</u>	<u>4</u>
				<b>103</b>	<b>1</b>
					<b>8¼</b>
In blue & gray Metal	0	1	0		

**Bud-74-p18**

18.

True Section of the Maudlins' Seam in the Isabella Pit.

	F	In
<b>Top Coal</b>	1	6
Band	-	0½
<b>Coal</b>	-	11½ most Scary
Scairey [sic] <b>Coal</b>	0	3
Band	1	7½
<b>Coal</b>	1	5
Band	-	0½
<b>Coal</b>	<u>-</u>	<u>6</u>
	6	4

**Bud-74-p19**

19.

Occasional & Memorandums.

In June 1799 – Pd Six Guineas per Ton for Hay.

1799 – Augt. New Hay about £3. 5s. 0d. Some sold by Pike as high as £4 or more.

1799, Octr. Old Oats being 12 Sh. a Boll, and soft new ones about 8 Sh. per Boll; The Owners delivered out weekly to the Waggonmen 1 Bush. of Oats each, to help them to continue the Work.

1800. Beginning of March – Prices	s	d
Rye – Country & Danzick [sic – Danzig?]	24	0)
Oats – best 15/- Horse Corn	10	6) p Boll
Wheat – from 21s 0d.	31	6)

**Bud-74-p20**

20.

Overmen's Engagement

Fan Pit – Low Main

2 Overmen, 1 Deputy	)
Put in Brattice	)
Set Props	) 10d p Score
Holes Walls at 8d p Yard	)
Find all Candles	)

Allowed for finding Oil, Wick, and Lamps 3d p Lamp, per Day.

Isabella – Upper Main

1 Overman	)
1 Deputy	) 8d p Score
Other work, as above	)

**Bud-74-p21**

21.

**1800 – King Pit.**

Sinking

To be 11 Feet clear Diameter

To be 12F 8 In. to take in the Walling.

1<sup>st</sup>. Bargain to Stonehead 45s. 0d p Fa.

2. Do. to the Water - £6 p Do.

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From the Commencement of Sinking to the 27<sup>th</sup> Augt. : Sunk... 7½ Fa.

Sep. 10 - Ditto 1½ do.

1804 Jan. 27 Ditto 46½ do.

**Bud-74-p22**

22.

**Sections of Seams in the Street Pit – Ravensworth.**

1. Metal Coal

F. In.



Coal	-	5		
Band	2	6		
Coal	<u>2</u>	<u>2</u>	5	1

2. Stone Coal

	F.	In.
Coal	2	9

3. Yard Coal

	F.	In.		
Coal	2	0		
Band	-	5		
Coal	<u>4</u>	<u>1</u>	<u>6</u>	<u>6</u>

**Bud-74-p23**

23.

4. Bensham Seam

	F	In
Coal	2	7
Band	-	5
Coal	1	8
Band	-	4
Coal	<u>-</u>	<u>5</u>
	<u>5</u>	<u>7</u>

5. Upper Part of Top-Coal

	F	In
Coal	1	6
Band	1	7
Coal	<u>2</u>	<u>7</u>
	<u>5</u>	<u>8</u>

6. Top Coal 3 1

7. Low-main Coal

Coal	3	10
Bottom do.	<u>-</u>	<u>10½</u>
	4	8½

**Bud-74-p24**

24.

**Putting** with Trams.

They run 60 Yards from the Shaft for 8d & 1d p Score for every 20 Yards after.

2d Per Day allowed for hewers Putting.

1¼d p Shift allowed for Candles when 8d p lb.

**Bud-74-p25**

25.

Overman's Engagement

Set on the Pit)

Find Candles) in Farm Pit

Hole Walls )

In Hope Pit – 5 Quarter Coal.  
Sets on the Pit  
Finds Oil, Candles, Lamps, Lampwick.  
Holes the Walls

**Bud-74-p26**

26.

**Keeping the Engine**

James Clark has £2. 10s p Week for Keeping the Engine.

He finds:      Men  
                  Leather  
                  Grease  
                  Oil  
                  Candles  
                  Grathes [?] and Changes.

Supposed to have about 13 hours Water p Day.

In 1804: Engine Keeping £3 p Week.

**Bud-74-p27**

27.

**Wrightwork**

The Wright has 6d p Ten 20 p Corf.

Finds & upholds Undergd. Waggons

Frames

Sleds

Scares Shovel handles

Swingle Trees

Attends & Keeps Gins

And 4½ p Ten for the 16 Peck do.

NB. 10 Scores to a Ten of 20 Peck Corves

12½ do. to a Do. of 16 Do.

Jointing Brattice Deals 2d each.

**Bud-74-p28**

28.

**Smithwork**

They pay 1s 7d p Ten of 10 Scores

The Smiths Undertaking is

To Sharp the Picks

~~Find Shovels~~ find Iron for Shovels

Uphold Trams, Sleds, Rollies & Waggons with Iron

Uphold Mauls and Wedges.

Hooks and Chains.

~~Five~~ [illegible word crossed out]

Underground Trace Chains, &c.

Corf-Bows

Snaps

Ten as on the last page.

### **Bud-74-p28a**

28a.

Sheriff-hill	p Week		
	s	d	
Oats at 7s 0d p Boll – give –	5	0	
8/0 -	6	6	
6/0 -	2	3	

	s	d
Prices will do – [blank space] at	4	6

Eat 3 Bush. p Week

Go 22 Gaits [?]

### **Bud-74-p28b**

In the Fan Pitt there are two Overmen and one Deputy whose Wages aren Paid out of the Overmens Score [illegible word] Price who takes upon them to put in all Bratish [sic] that may be used for the purpose of Conveying air, Setts, props, holes Walls at 8d p yd, finds Hewers, Horse drivers, Trapers [sic], Cranemen, Overmen & Deputies Candles, for doing and finding the above have 10d per Score, for finding Oil, Oil Lamps & Lamp wick 3d per day each Lamp – In the Isabella Pitt uppermain there are one Overman & one Deputy who take up on [sic] them to sett props Lay Barroway put up Stoppings finds all the Candles used both for Hewing & Putting the Coals for the above have 8d per Score

### **Bud-74-p28c**

~~In the Fan Pitt there are two Over~~

[rest of page blank]

### **Bud-74-p29**

29.

#### **Smiths Work**

New Work - 4d p [illegible symbol]

Owners Iron, wrought up – 1d p Do.

Labour, some 2s 2d others 2s 0d p Day in 1799

### **Bud-74-p30**

30.

#### **Prices in 1801**

Isabella – Yard Coal	s	d
Hewing – p Score	2	10
Headways – p yd. 14d to	1	4
Narrow Bord -	-	9

2 Overman 15s p Week		
Sledding & Braking p Score	-	3½
Stick [illegible word] p Week	2	0
Bank Man 12s p Week & 2 Sh. p Day		
Onsetter at Shaft p Day -	2	6
Craneman - Do.	2	0

Fan Pit – Low-main		
Hewing - p Score	2	6
Setting on Candles do.	-	11

Stowing a Bord – 3s 6d p yd.

### Bud-74-p31

31.

1798. April 26<sup>th</sup>

Viewed the Isabella Pit, now opening out in the high-main Coal.

1. Found the Seam very wet. - Bleeding altogether and from every Pore, as it were of the Coal.
2. The Rise to South and West.
3. The Top Coal, in Westd. Mothergait [sic] about 2Ft 11In.
4. Pay 2s 0d p Score for hewing with a 16 Peck Corf, and 20d p Yard for Narrow Workings.
5. Several Baulks near the Shaft.
6. Dips much to the North and some Levels cut from Shaft.

Mem: Sold their Sinking Sett of Pumps to Hebburn Colly. Viz:

The Spears for the Wood Price

Spears Plates 26s 6d p Cw:

Pumps for 1 Sh. p Cw. less than the Cost

### Bud-74-p32

32.

#### Waggons

The Wright has for Labour 7d p Ten.

The Blacksmith the same.

Ten = 420 Bolls.

### Bud-74-p33

33.

Memorandum.

Water-Level Drift in Yard Coal from Fan to Isabella Pit.

When 700 Yards in – Let 1<sup>st</sup> Bargain for 8s 3d p Yard

2<sup>nd</sup> Do. for 7s 9d.

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Masons' Work at Isabella last Machine

	£	s	d
Ashler [sic] Walling only p yd -	-	2	10
Rough dashed Courses do.	-	1	4
Seating Boiler & Chimney buildg.	9	9	0
Arching Drift p Yard -	-	3	0

NB: Coal about 3F 8In. - driven 2 Yards wide with a Brick Brattice in Water Level.  
Middle Band thinned from 7 Feet to 1 Foot between the Dyke and the Pit.

#### **Bud-74-p34**

34.

Laid out by the Owners in the Years 1796, 1797 & 1798.

	£
Purchase of Gateshead Park Staith	950
Additions made to Ditto	200
Alteration of the Waggonway	800
Trial through Heworth Dike	150
Stone Drift towards Isabella	150
Sinking	1600
Opening out High-main Coal	100
Bolton & Watts' Machine &c. &c.	1750
New Waggonway to Isabella	<u>200</u>
	£ <u>5900</u>
Say...	£ 6000

#### **Bud-74-p35**

35.

Leading the Coals

At Christmas 1797, the Waggoners were increased to Chaldrons, and ½ per Gait Advance, given the Carriagemen.

	Yards		
From Staith to Hope Pit -	4185	- Leadg. P Cha: Wag.	11½d.
Ditto to Fann Pit	4664	Do.	12½
Ditto to Isabella	5504	Do.	14

Cw.

A Chaldron of Five-Quarter Coals weighed 54  
Do. of Low-main do. do. 49½

See Page 37!

#### **Bud-74-p36**

36.

##### **Machines Keeping**

These Machines of Smeaton's Construction consume every Week 2 Stones of Grease, and sometimes more, at 6s 0d p Stone.

Paid for keeping Fan Pit Machine 3d p Score – Engine Man, Leather, &c. but not for Rope Roll Grease.

Smeaton's Machine is kept on the Isabella Pit for 2½d p Score – 1 Man does the whole work and finds Leather, Oil Grease Candles &c.

##### **Bolton and Watts Machine**

The Brakeman 14s 0d p Week  
Fireman 9s 0d p do.

NB: Find Leather for 1s 0d p Week

**Bud-74-p37**

37.

**Waggon Way**

Distances	Miles
From Staith to Hope Branches -	2¼
.... to Fann Pit	2½

21 Boll Waggons used.

Leading Charge from Hope 11d p Gait.

... from Fan 12 p do.

See Page 35.

Settling of the Leading Price to the Isabella.

	Yards
From Staith to Fan Pit...	4664 – p Gait 12½d
From do. to Hope do. ...	<u>4185</u> - do. <u>11½</u>
	<u>479</u> 1d

The Isabella farther than the Fan Pit 840 Yards.

As 479 : 1d :: 840 : 1¾d – but say 1½d

Fan Price	<u>12½</u>
Isabella price	14

**Bud-74-p38**

38.

New Waggon Way laying to the Isabella.

Firr [sic] Bottoms – Beech Tops

Sleepers 18 In. Pin and Pin

Lay, Stop, fill and beat, Sleeper height for 6d p Yard

Casting up Batteries 3½d p Yard

Double Bye Way – 5d p Yard

Single Ditto - 3d p Do.

False Rails – 2d p do.

Sawing Firr Rails 3s 6d p Ton of 120 Yards.

**Bud-74-p39**

39.

**Strata sunk through in the Isabella Pit.**

	Fa	Fe	In	Fa	Fe	In
Soil and Clay	4	3	-			
Grindstone Post	10	-	-			
Blue Stone	2	-	-			
Grey Metal Stone	1	3	-			
<b>Coal</b>	<u>-</u>	<u>-</u>	<u>8</u>	18	0	8
Thill	-	2	4			
White Post	4	2	4			
<b>Coal</b>	<u>-</u>	<u>-</u>	<u>8</u>	4	5	4
Thill	-	5	-			

Strong white Post	-	4	-			
Blue Metal Stone	-	1	-			
Grey Post	-	5	2			
White Post	-	1	4			
Blue Metal Stone	=	<u>2</u>	<u>8</u>			
Carried over	3	1	2	23	0	0

**Bud-74-p40**

40.

	Fa	Fe	In	Fa	Fe	In
Brought over	3	1	2	23	0	0
White Post	-	4	3			
Blue Metal Stone	1	-	-			
<b>Coal</b>	=	<u>1</u>	<u>8</u>	5	1	1
Thill	-	-	4			
White Post	-	1	-			
Blue Metal Stone	-	5	8			
<b>Coal</b>	=	<u>1</u>	<u>2</u>	1	2	2
Thill	-	4	-			
Post mixed with Whin	2	3	-			
Blue Metal Stone mixed with Post	11	-	7			
White Post	4	3	-			
<b>Coal</b>	=	<u>2</u>	=	18	3	8

**Bud-74-p41**

41.

Grey Metal Stone	1	-	2
Black Stone	-	3	9
Grey Metal Girdles	-	3	3
Grey Metal	-	-	8
White Post Girdles	-	-	7
Grey Post	2	4	6
Grey Metal	-	2	-
Grey Post	-	4	3

**Upper Main**

	F. In.				
Crow Coal	-	4			
Band	-	- $\frac{1}{2}$			
Top Coal	2	9			
Band	-	7			
Coarse Coal or Splint	-	5			
Fine Coal	-	7			
Band	-	- $\frac{1}{2}$			
Bottom Coal	1	2			
	=	<u>5</u>	<u>11</u>	<u>7</u>	<u>1</u>
	Total			66	3
Outset &c.					2
From Surface to Upper Main Coal				67	0
From Upper Main Coal to Yard Coal				24	4
Cost of Labour £1685.18.3					0



**Bud-74-p42**

42.

	Fa	Fe	In	Fa	Fe	In
Brought over				67	-	-
Thill	-	5	-			
Blue Metal Stone	1	4	-			
Grey do.	-	4	-			
Gray Post	1	4	-			
Gray Metal Stone	-	3	-			
<b>Coal</b>	=	=	<u>5</u>	5	2	5
Thill	1	2	-			
Gray Post	1	3	-			
White do.	-	2	-			
Gray metal do.	-	1	-			
Gray Post	1	4	7			
<b>Coal</b>	=	<u>1</u>	<u>7</u>	5	2	2
Thill	-	4	-			
Blue stone with Whin Girdles	-	3	-			
<b>Coal</b>	-	1	3	1	2	3
Thill	-	1	-			
Strong white Post with Partings	1	2	-			
Strong gray metal	2	1	-			
Mixture of Whin & Post	-	2	-			
Strong gray metal	1	5	-			
Whin	-	4	6			

Continued on Page 44

**Bud-74-p43**

43.

Isabella Pit

Bolton and Watts' Machine.

1 Corf draws 6 Scores from the Depth of near 67 Faths: to high-main Coal.

Or more exactly, thus,

53 Bolls draw 165 [quantity illegible] 3 Cor. which makes 1 Corf draw 124 or 6 Sc [Score?] 4 Cor.

---

 Charge of taking down the Hope Pit Machine and Putting it together again on the Isabella Pit, by Thomas Wood.

(Charges for his Millwrights 2s 10d p Day)

**Bud-74-p44**

44.

From Page 42

Blue Metal

4      4      4

**Yard Coal**

F. In.

Top Coal

2 0

Band

0 11

Gray Coal

0 8

(about) Band

0 2

Good Coal

0 11

Band

0 1

Coal

2 3¼

<u>1</u>	<u>1</u>	<u>0¼</u>	<u>24</u>	<u>3</u>	<u>8¼</u>
Total			91	3	8¼

Carried back to Fol. 17.

**Bud-74-p45**

45.

**Mason's Work**

Building Stoppings in Low-main Coal,

Leading in Shift &amp; Labour 2s 6d each, one with another.

They have per Day 2s 6d.

Stones costs 6d p Fother, large ones.

**Bud-74-p46**

46.

Masons' Work.

Douglass the Mason's Proposal for Building the Walls, &c for the Engine and Machine to be removed from the Hope and placed on the Isabella Pit.

---

 Standard Thickness of Wall – 2 Feet.

	s	d
Ashler Work	2	10 p Yard
Rough Wall in Courses	1	6 p do.

Setting the Boiler      £4

Building the Chimney      5

**Bud-74-p47**

47.

**Fire Engine**

) Length – 10 Feet

Cylinder      ) Diam: - 60 Inches

(Coalbrook Dale)      ) Wt: - 74 Cw.

**Bud-74-p48**

48.

**The Isabella**

Diameter – 11 Feet

Sinking – p Fa: £11

Sharpening and upholding Geer [sic] 6s 0d p Fa.

Sinkers p Shift – 18d.

Large Stones for Walling 6d p Fother.

The Mason has for Dressing and setting the Wall in the Shaft 11 Feet Diam: £2. 12s. 6d p Fa:

NB. The Owner finds attendance on the Wallers.

Straker, the Carpenter, had £35.15s.0d. for the Wrightwork of Bolton and Watts' Machine on this Pit.

Sinking above &amp; through high-main 10Gs. [guineas?] Per Fathom.

**Bud-74-p49**

49.

The Isabella – now Sinking.

		Fa	F	In
1797 –	Sep: 6 <sup>th</sup> : Sunk -	50	4	0
53.1.0	20: Do: this fortnight	2	3	0
55.4.0	Oct 3 <sup>rd</sup> : Do do.	2	3	0
58.3.0	20 Do. (Water)	2	5	0
Left off here with 9 60 Gallon Tubs p hour.				
1798 -	Jan: 31 Do. through			
67.0.0	the high-main Coal	8	*3 [1?]0	
68.4.0	March 14 <sup>th</sup>	1	4	0
77.0.0	Oct: 10	8	*2 [0?]0	

[\* figures altered]

Between the high-main and Yard Coal sunk 2 Faths: p Week – 3 Men down and a Bore-hole

**Bud-74-p50**

50.

Isabella Pit.

Sinking from the high-main to the Yard Coal let for £8 p Fa: for the first 4 Fathoms and £9 p Fa: for the Remainder.

Prices agreed on for Working the Yard Coal in 1799.

Hewing wth. a 16 Peck Corf- 2s 8d p Score till the Band and Gray Coal exceeds 15 In. in Thickness.

---

 Mem: of Sinking the Stapel [sic] from the Yard Coal 5 Fa: down to form the Air Course – 5 Feet Diameter.

Sinking – p Fa: £2. 2s. 0d p Fa.

**Bud-74-p51**

51.

**Ravensworth Colly.**

Quarry Pit – 54 Fathoms to Low-main.

Section.	F.	In.
Top – Clean Coal	4	0

Band	1			
Foul Coal 8 or	9			
<hr/>				
Eighton Moor – Bensham Seam				
Top Coal	1	4 )		
Band		2 )		
Kerving Coal	1	1 )	Total	4F 8In.
Band		9 )		
Ground Coal	1	4 )		

Five Quarters' Coal	2	11		
Low-main	4	6		
Dips N84 E – I Yard in 37				

### Bud-74-p52

52.

#### Ravensworth Colly.

Rush Pit – 50 Fa: to the Top Coal.

Section of the Top Coal – 200 Yards East from the Shaft.

	F	In		
Top Coal	1	3		
Band of Coal & Stone	-	2		
<b>Bottom Coal</b>	2	3		
Splint	1	3		
Coal and Stone taken up for horse height	-	<u>4</u>	5	3

Immediately above the Seam,

Cannel Coal	1	2
Clean Coal	2	0

### Bud-74-p53

53.

#### Comparison of Seams

Ayton & Sheriff-hill Washington Colliery

Yard Coal	High-main
Bensham	Maudlins
Five Quarters	Low Main
Low-main	Huttons' Seam

### Bud-74-p54

54.

Section of the Yard-Coal in the Quarry Pit, Ayton Moor Colliery.

	F	In
Coal	1	10
Stone	-	9
Coal	1	3
Band	-	1

Coal	<u>2</u>	<u>4</u>
	6	3

In Ditto Pit	Fa	Yd	Ft
Depth to Yard Coal	90	1	0
More to Bensham	11	1	0
More to 5 Quarter	10	0	0
More to Low-main	<u>10</u>	<u>0</u>	<u>0</u>
	£122	0	0

**Bud-74-p55**

55.

**Promiscuous Articles.**

	£	s	d
Making Bricks p Thousand	-	6	6
Ditto in 1798 – p do.	-	7	0

[loose scrap shown below]



**Bud-74-p56**

56.

Sheriff-hill

**Section of the Upper Main Coal, in the George Pit.**

Mixture of Coal and Band	-	4
Top Coal	2	9

Stone	-	6
Coal	-	10
Band	-	1
Coal	<u>1</u>	<u>0</u>
Total	<u>5</u>	<u>6</u>

**Bud-74-p57**

57.

**Seams in this Colliery**

From Hutchinson's Hist. of Durham

	Fa.	Fe.	In.
To Three-Quarter Coal	27	2	6
More to High-main do.	25	3	6
Metal Coal	7	-	-
Stone Coal	5	-	-
Bandy do.	1	4	-
Little do.	7	2	-
Yard do.	2	3	-
Bensham do.	11	5	6
Bandy Coal	1	3	6
6 Quarters do.	7	-	-
5 Quarters do.	3	-	-
Bandy Coal	2	-	-
Low-main do.	6	-	-
2 Quarter do.	4	2	-
Herveys Main do.	21	4	-

**Bud-74-p58**

58.

Ayton-Moor

Quarry Pit – Bensham Seam

	F	In
Top Coal	1	4
Band	-	2
Kerving Coal	1	1
Band	-	9
Ground Coal	<u>1</u>	<u>4</u>
	<u>4</u>	<u>8</u>

	F	In
Five-Qr. Coal here	2	11
Low-main do.	4	6

Dip N84°E – 1 Yd in 37