

1837

1

Nov. 24<sup>th</sup>. Friday. At home all the morning. At Newcastle in the Afternoon and at Theatre in the Eng. with Sisters & Miss & Mary Fryer.

Nov. 25<sup>th</sup>. Saturday Attended a meeting of the Comm<sup>ee</sup>. of Management for the meeting of the British Association at Newcastle. Present M<sup>r</sup>. Wharton in the Chair.

Attended a C.T. Committee Meeting, on the Subject of the Settlement of the Haswell Basis, which is not yet accomplished.

Nov. 26<sup>th</sup>. Sunday. At home Miss & Mary Fryer Staying with us.

Nov. 27<sup>th</sup>. Monday. Viewed Holywell Colliery.

Holywell  
Colliery

The Stone-drift thro' the dip Dyke in Clonnells' Coal is holed & the Coal Drifts are advanced 50 yards beyond it. The Seam so far is quite flat & the Coal is firm & good, but is only 5 F. .. 4 In. thick

Backworth  
Colly.

Viewed Backworth Colliery. The holing round below the down-cast Dyke, in Victoria District has been accomplished, and a part of the Brick Arching in the N.W. Rolly-way Cross-cut leading to it is finished. The direction of this Cross-cut is N 70 W.

At Percy-main in the Afternoon.

1837

2.

Benwell

Nov. 28<sup>th</sup>. Tuesday. At Benwell Colliery – J. Thorman valued the Edw<sup>d</sup>. Pit Machine at £350.

Rippons  
House

Went to Tantobie in the Afternoon & Slept at Anfield. In Passing through Newcastle, called to see Rippon's house at the Westgate Hill with M<sup>r</sup>. S[tt]able Miss & Mary Fryer & my Sister. I have a Mortgage of £2000 on the premises with 1½ years Int<sup>t</sup>. due at the present Martinmas & as there is no chance of Res-[spons'] paying the Interest, I have determined to advertise the property for Sale.

Killed

— Cheesman the Master Sinker at Wylam New Prudhoe-haugh Pit, lost his life this morning in the following manner. The Engine had been Stopping for Some time, and there was about 2 Fa. of Water in the bottom. Cheesman went down on the Flying Cradle, by the Jack-Roll, but the Rope being too Short, the Men at the Jack let it off so far that it Slipped off the Roll when he was within a Fath. or two of the Water, and he fell with the Cradle & Rope into the Water and was drowned before he could be got out.

Lanchester  
Common  
Tanfield  
moor.

Nov. 29<sup>th</sup>. Wed. Viewed the S<sup>o</sup>. Pit Lanchester Common. At Tanfield-moor Colly. and discussed the Affairs of the Concern, with Benj<sup>n</sup>. Arkless Home in the Evening.

1837

3.

Percy-

Nov. 30<sup>th</sup>. Thursday. Viewed the Percy Pit Main Coal. The Workings of the Coble Dean and Point Districts are no approaching the

main Boundaries next Collingwood-main & S<sup>o</sup>. Shields Coll<sup>s</sup>. The Survey of those Parts of the Boundaries must, therefore, be revised so as to ascertain and leave the proper thickness of the Barriers against them.

Cramlington Met M<sup>r</sup>. Th. Taylor at Percy-main Colly. Office & received from him the requisit information from him relative to his Cramlington Coal, to enable me to advise the Backworth Co. on the prudence of taking it. He offers to leave the Settlement of the Certain and tentale Rents to his Brother Hugh & myself.

The Percy Co. met at the Office Present Mess<sup>rs</sup>. Lamb W. Maude & Hetherington.

Walls-end Pay-day. Spent the Evening at M<sup>r</sup>. Easterbys'.

Meeting of the Literary Club. Dec. 1<sup>st</sup>. Friday Spent the mornng. at home. At Newcastle in the Afternoon & Spent the Evening at the Scientific and Literary Club. The Rev<sup>d</sup>. W. Turner. Read a Paper on the Probable effect the g[eraz]ing off, of Jarrow-Slake might probably

---

1837

4.

Produce on the flowing of the Tide in the River Tyne.

Mr. Sherrid<sup>n</sup>. Knowles Dec. 2<sup>d</sup>. Satdy In Newcastle. Decided on the Plan of a 4 Wheel Gig, and gave Angus & Wilkinson the order to build it.

Attended M<sup>r</sup>. Sherridan Knowles' in the Evening, and was Oratory in the Music Hall in the Evening, and was much gratified on the whole. The Chief objection I found was being rather too theatrical.

Dec. 3<sup>d</sup>. Sunday At home

Dec. 4<sup>th</sup>. Monday At home all the morning and went to Pensher in the Afternoon.

Seaham Harbour Dec. 5<sup>th</sup>. Tuesday At Seaham Harbour - the Jamb of the E. Spur Pier in the S<sup>o</sup>. Harbour is finished & the Pier is more than half built

The Engine for Conveying the Ballast along the Bank – S<sup>o</sup>. of the Harbour will be finished this Week.

Coast Guard. Cap R.N. Commander of the Coast Guard applied to me to build a Guard Ho. for the accommodation of a Party of Men & an Officer which it is the intention of G[en<sup>l</sup>.] to Station at the Harbour.

1837

5

Comm<sup>ee</sup>. Meeting Dec. 6<sup>th</sup>. Wed. Attended a Coal-trade Comm<sup>ee</sup>. Meeting at Chester, when the Issue for December was fixed at 60 P. ⌘.

North Pittington Colly. Renewal of Lease Dec. 7<sup>th</sup>. Thursday At Durham with Geo. Hunter to get the Acco<sup>t</sup>. for the Short Workings under the old Lease of Pittington Colly. Settled with M<sup>r</sup>. Chaytor, the D[ea]n & Chip's Proctor, before the Money was paid (£15000) for the New Lease. He Said that he never heard that the Shorts attended to had to be allowed to be worked up under the new Lease, and that as all claim on

the Part of Lord Londonderry w<sup>d</sup>. Cease on the Surrender of the old Lease, he had no Power to make the allowance claimed. As I R~~xxx~~ believe it to have been the basis of M<sup>r</sup>. M<sup>c</sup>. Donnell's treaty with the Chapter for the renewal that (^the value of) these Shorts Should either be abated out of the Fine, or be allowed to be worked up, I Could not say anything further about the Pm<sup>t</sup>. of the Fine un- till I wrote M<sup>r</sup>. M<sup>c</sup>. D\_I, to explain haw the matter Stood & for his instructions.

Called upon M<sup>r</sup>. Davison, and appointed to meet him at M<sup>r</sup>. Gresley's Office Bishop- Auckland next Wed. at 11 o ' Clock.

1837

6.

Dec. 8<sup>th</sup>. Friday At home all the Morning Attended a meeting of the Society for the Promotion of the Fine Arts at Newcastle in the Evening.

Dec. 9<sup>th</sup>. Saturday Attended a Coal-trade Comm<sup>ee</sup>. Meeting. Dined with Donkin

Dec. 10<sup>th</sup>. Sunday At home. Mess<sup>rs</sup>. Easterby Ja<sup>s</sup>. Fryer, Spence. & De Carle, & M<sup>rs</sup>. Fryer Misses Lock & Fryer & Mary Fryer dined with us

Dec. 11<sup>th</sup>. Monday Viewed Holywell Colly.

Holywell

The exploring Drifts in Clennells Coal are now advanced 100 yards thro' beyond the Stone Drift thro' the dip. And the Dean continues to lie very flat. The Drifts have gone thro' a piece of bad Coal at the Hitch but is now good again. The Seam is rather thin running

F. In. F. In.

between 5 .. 3 and 5 .. 5 but the 8 In of Coarse Coal is absent, which compensates for the thin- ness of the Seam.

Dec. 6<sup>th</sup>.

Explosion  
Springwell  
Colliery

An explosion occurred in Springwell Colly last ~~Thursday~~ Wednesday, by which 12 Men & 15 Boys were Killed. The explosion was limited to one Dis- trict where they were working Pillars, otherwise the loss of Life would have been much more Serious. M<sup>r</sup>. Southern (^the Viewer) & the Overman, had

1837

7

had only just come out of the Way when the Fire took place & had a very narrow Escape They had been all thro' the Workings but did not discover anything Wrong. A Goaf had been drawn the preceding Night, and it is Supposed that a Fall must have taken place & Forced a quantity of Gas out into the Juds. They were working with Stephenson's Safety Lamps, but one of them was Found lying on the Barroway, over which a Tram had run, and broken the Glass Cylinder, and hold & tore the gauze on both Sides of it. This it is Supposed, caused the explosion

I observed a number of Fragments of the Glass Cylinder within the Wire gauze Cylinder – having Passed thro' the holes in it's Sides. This con- firms the objection which I have always enter-

tained against the use of Glass Cylinders, as when broken, or crushed, as in the case, the Wire Gauze must be liable to be torn, or cut by the broken fragments of the Glass – whereas the Gauze Cylinder, might only have been pressed Flat, and Still have preserved its' principle of Safety, as has frequently occurred.

Dec. 12<sup>th</sup>. Tuesday At Benwell Colliery, at Fortnightly Meeting. Went to Pensher in

---

1837

8

the Evening

M<sup>r</sup>. Gresley  
Dec. 13<sup>th</sup>. Wed. Went to Bishop Auckland this mornng. had an Interview with M<sup>r</sup>. Gresley the Bishops Auditor & rec<sup>d</sup>. Instructions to View & Report on Etherly Colly. where a new Life has to be put in – being held on a Lease for 9 Lives, one of which has dropped.

S<sup>t</sup>. Helen's Colliery  
Went to S<sup>t</sup>. Helen's & viewed the Colly. there. Returned to B<sub>p</sub> Auckland and dined with the Bishop. No Company – only the Bishop M<sup>rs</sup>. Maltly, M<sup>r</sup>. Gresley and myself present.

Bishop of Durham  
Found the Bishop & M<sup>rs</sup>. Maltly very agreeable people. His Ldp. Gave me a Cordial invitation, to take a Bed at the Castle whenever business led me into that neighbourhood and begged of me to make use of his Stable, the Same as M<sup>r</sup>. Davidson. The B<sub>p</sub> asked me to Sleep at the Palace, but having to Start early in the mg. I preferred Sleeping at the Inn.

Dec. 14<sup>th</sup>. Thursday Went to Durham to Breakfast, at 8 o' Clock-Stayed two Hours, and reached Walls-end at 1 o' Clock P.M.

1837

9

Dec. 15<sup>th</sup>. Friday Spent the Mornng. at home. At N.Castle in the Evening & went to the Theatre to See M<sup>r</sup>. Sheridan Knowles play the Part of the Hunch Back, in the Play of that name, written by himself. I did not much like his acting but Miss Elphinston is a clever promising Actress

Cramlington Colly.  
Dec. 16<sup>th</sup>. Saturday At Newcastle – gave my estimate of the Cost of winning & working M<sup>r</sup>. Taylors Cramlington Colliery, to the Backworth Co.

Haswell Basis Awarded.  
M<sup>r</sup>. Clayton Awarded 64m-. as the Basis of the Haswell Co. - being the Same as the S<sup>o</sup>. Hetton Basis.

West Townley  
Met Mess<sup>rs</sup>. Potter & Th. Hall, at Donkins' Office & requested him to give the Carlisle Railway Directors notice that we would Restore the Townley-main Staith to its' original State against the 1<sup>st</sup>. Feby.

Dec. 17<sup>th</sup>. Sunday At home – Miss & Mary Fryer with us.

Backworth  
Dec. 18<sup>th</sup>. Monday Viewed Backworth Colliery. The Exploring drift in Low-main Seam B Pit

1837

10.

Shafts this morning, without meeting with any Change in the Seam. The Course of the Drift is N 15 E. Ex<sup>d</sup>. the N.W. Rolly-way Cross-cut Main Coal, which is now being levelled & prepared for laying the Rolly-way.

At Percy-main – the Repairs of the Flatworth Pit Shaft are now far advanced preparatory to commencing to Sink to the Bensham.

The new  
Ship  
Mary and  
Ann.

At Sunderland to inspect my new Ship the “Mary and Ann”, now building by Leathead.

She is timbered & a considerable quantity of the planking put on. As far as I can judge the Timber & Workmanship are both very good.

M<sup>r</sup>. Leathead expects She will be ready to launch by the back-end of next month.

Pensher in the Evening.

Reference  
Award

Dec. 19<sup>th</sup>. Tuesday Mess<sup>rs</sup>. Darling & Hindhaugh waited upon me at Pensher, when we agreed mutually upon the Award, in the Case of Reference between L<sup>d</sup>. Durham & M<sup>rs</sup>. Lavery relative to the latters houses in Houghton, & all Signed the Award – the Rent to be £40 P. Ann.

Wrote M<sup>r</sup>. M<sup>c</sup>. Donnell with a Plan for vending Lord Londonderry's Coals next year.

1837

11

S<sup>o</sup>. Hetton  
Colliery

Dec. 20<sup>th</sup>. Wed. At S<sup>o</sup>. Hetton Colly. to meet M<sup>r</sup>. P. Forster, on the subject of the C<sup>o</sup>s. application to M<sup>r</sup>. Shepperdson, to extend the term of this Lease to 63 years. They purpose making a new Winng. in the E. Part of Shepperdson's Royalty at about 2800 yards from the present Pits.

M<sup>r</sup>.  
Shepperdson's  
Royalty

The exploring drifts leading towards the Site of the New Pit are 1320 yards in from the Shaft – their line of direction N 80 E. A Bore hole has been put down on the Site of the intended new Pit, which has proved the Limestone to be 80 Fath. thick & the Sand below it 24 F<sup>t</sup>. thick

The Hetton Seam in the face of the exploring drifts, which are now about 30 yards into Shepperdson's Coal, is 4 F. .. 5 In. thick of good Coal, and 1 F. .. 4 In. of Ground Coal very Coarse.

Shepperdson's Royalty contains 775 Acres The Whole of the Royalties, at present leased by the Co. contain upwards of 600 Acres.

N<sup>o</sup>. Hetton  
Colliery  
20 Peck  
Tubs.

Met M<sup>r</sup>. Geo. Hunter at N. Hetton Colliery and after a full discussion & Consideration, decided on introducing 20 Peck Sheet Iron Tubs into the M[orsely] Main Coal Pit

Proceeded to Bishop-Auckland, on my way to Etherley, in the Evening. A very Stormy day – a

1837

12.

Etherley

heavy fall of Rain & N.E. Gale of Wind.

Dec. 21<sup>st</sup>. Thursday Went to B\_p. Auckland to Etherley this Mornng. examined the Situation and

Colliery	<p>investigated the Circumstances of the Colliery. Dined with M<sup>r</sup>. Stobart, and returned by B<sub>p</sub>. Auckland and Durham to Pensher, where I arrived at <u>Nine</u> P.M.</p> <p>Received an invitation from the Bishop to dine at the Place, which I declined.</p> <p><u>Dec. 22<sup>d</sup>. Friday</u> Spent the Morn<sup>g</sup>. at Pensher, at N.Castle in the Afternoon – Spent the Evening with Jon<sup>n</sup>. Cockerill.</p>
C.T. Comm <sup>ee</sup> . Meeting	<p><u>Dec. 23<sup>d</sup>. Saturday</u> At Newcastle – Attended a C. Trade Meeting – dined with Donkin, and home in the Evening.</p>
M <sup>r</sup> . Rich <sup>d</sup> . Brown	<p>M<sup>r</sup>. Rich<sup>d</sup>. Brown of the General Mining Association (Agent) called upon me to discuss various matters relative to the Cape Breton and Albion Mines.</p> <p><u>Dec. 24<sup>th</sup>. Sunday</u> At home</p> <p><u>Dec. 25<sup>th</sup>. Monday</u> At home Morning – dined with M<sup>r</sup>. Easterby.</p> <p><u>Dec. 26<sup>th</sup>. Tuesday</u> M<sup>r</sup>. Dan<sup>l</sup>. Turner Spent the Morn<sup>g</sup>. with me consulting on the applicat<sup>n</sup>. made by the Owners of Nether-ton Colliery</p>
1837	<p>13.</p> <p>for Way-leave thro' S<sup>r</sup>. M.W. Ridley's Camboise Estate, to N. Blyth. And on the value of his Hawthorn Coal &amp;c.</p>
Carlisle Railway	<p>Met M<sup>r</sup>. Black[am]ore, the Carlisle Railway Engineer, and M<sup>r</sup>. Dobson the Architect at Benwell to look at the Situation of the Several proposed accommodation Bridges &amp; Roadways, on the line of the Railway through my Property.</p> <p><u>Dec. 27<sup>th</sup>. Wed.</u> At home finished Report on Etherley Colliery for the Bishop of Durham.</p> <p><u>Dec. 28<sup>th</sup>. Thursday</u> Met M<sup>r</sup>. Th. Davidson at the Turk's-head Inn Newcastle – Requested him to Send me the Plan of Byer's-green Estate and the Acco<sup>t</sup>. of the Baring made in it.</p>
M <sup>r</sup> . Th. Davidson	<p>He informed me that the Nether-ton Coal Co. Paid the following Way-leaves. Bedlington Gle[be] £100 &amp; the Bishop £100 P. Ann. Each. and 7/ 6 P. Ten to the Rep<sup>s</sup>. of Lord Barrington, including Staith Rent.</p>
Way-leaves Nether-ton Colliery	<p><u>Dec. 29<sup>th</sup>. Friday</u> Home all the Morn<sup>g</sup>. At Newcastle in the Afternoon, and Read a Paper on the Lignite Seams, at Kiltymorris, Antrim to the Literary &amp; Scientific Club, in the Evening.</p>
Coal-trade Meeting	<p><u>Dec. 30<sup>th</sup>. Saturday</u> Attended a general meeting of the of the Colliery Representatives, at the Coal-trade Office. When amongst others</p>

---

1837	<p>14.</p>
Coal-trade Committee to be paid for attendance.	<p>resolutions, it was Resolved that in future the Members of the Comm<sup>ee</sup>. Should be paid one Gr[eenier] &amp; the Chairman Two, for each attendance.</p>
Lieu <sup>t</sup> . Arnold Plani	<p>Lieu<sup>t</sup>. Arnold attended, and explained his plan for taking the Coal-heavers in London, out of the hands of the Publicans. His</p>

of discharging  
Ships inde-  
pendently of  
Publicans

Scheme was approved, and Several individual,  
Promised to Patronize him, by Sending their  
Ships to be discharged by his free Whippers.

His Office is at Kains Wharf.

Dined at Donkin's. D<sup>r</sup>. White & Mess<sup>rs</sup>. Ramsay  
Stable, Jn<sup>o</sup>. Hoyle & Armstrong formed the Party  
Rec<sup>d</sup>. M<sup>r</sup>. Bej<sup>n</sup>. Johnsons Award of the  
amount of Compensation to be paid by the  
N. Shields Railway Co. for damage done by the  
Line in Passing thro' my Ground at Walls-

Compensation  
to be paid  
by N. Shields  
Railway Co.  
for damage  
of Ground

A. R. P

end. Amo<sup>t</sup>. £535. for 0 \_ 3 \_ 17 – the Amo<sup>t</sup>. to  
be divided between the Dean & Chapter and  
me in Such proportions, as their Agents may  
decide

Dec. 31<sup>st</sup>. Sunday At home

1838

15

Jany. 1<sup>st</sup>. Monday At home Mornng – dined  
at Joe Fryer's at Whitley.

Birtley-fell  
Colliery

Jany. 2<sup>d</sup>. Tuesday At Springwell Colly. Office, to give  
information, inspect the Plans &c. of Birtley-fell and  
Ayton Banks Colliery for the Bishop of Durham  
Pensher in the Evening.

N. Hetton  
Colliery

Jany. 3<sup>d</sup>. Wed . Attended the N. Hetton Colliery  
Board, and went to Newcastle in the Evening  
with Nick. Wood. Spent the Evening at M<sup>rs</sup>.  
Rankins.

Northumberl<sup>d</sup>.  
Sessions

Jany. 4<sup>th</sup>. Thursday Attended the Northumberland  
Sessions, on the Grand Jury, at the Moot-hall  
Home in the Evening.

Society for  
Promotion  
of  
Fine Arts

Jany. 5<sup>th</sup>. Friday Home all the mornng. Attended  
a meeting of the Comm<sup>ee</sup>. of the Society for the  
promotion of the Fine Arts in the Evening – gave  
a donation of twenty Guineas to the Society

Killed

Jany. 6<sup>th</sup>. Saturday Attended a Coal-trade Com-  
mittee meeting – home Evening.

Tho. Dormonds' Boy 13 years of age, driving the  
Gin, at Eardon Sinking Pit – Killed by falling down  
the Pit. No body Saw him fall, so it is not known  
how it happened. The Pit is 11 Fas. Deep and two  
men were working at the bottom, but he fortu-  
nately missed them in his fall.

1838

16.

Jany. 7<sup>th</sup>. Sunday At home

Holywell  
Colliery

Jany. 8<sup>th</sup>. Monday Viewed Holywell Colly.  
Clennells Drifts are now within 12 or 13 yds.  
of Bates's Boundy. Ordered them to be  
Stopped, until the Agree<sup>t</sup>. for Outstroke is  
definitively Settled with Clennell. The Seam  
is rising at the Rate of 4 In. P. yard & is  
tender & the Coal of inferior quality.

Backworth  
Colliery

At Backworth – the N.E. exploring Drifts  
in the Low-main Seam, are now nearly  
200 yards in, without the least change in the  
Seam. There does not appear to be any Suf-  
ficient object for carrying on those drifts further  
at present.

N. Pittingt <sup>n</sup> . Valuation	<u>Jany. 9<sup>th</sup>. Tuesday</u> Met Geo. Hunter at the Killingworth Office N.Castle – to furnish M <sup>r</sup> . N. Wood, with the requisite information to enable him to estimate the Value of N. Pittington Colliery
Blaydon Colliery	Proceeded to Blaydon, with Hunter to investigate the circumstances of the Colly. taken by M <sup>r</sup> . T.H. Ramsay, with a view to advise him, as to the Winning of the Stone Coal & Five quarter Seams.
1838	At Benwell Colliery. M <sup>r</sup> . Heny. Turner <b>17</b>
Carlisle Railway	met me there, to examine the Ground, to be occupied by the Carlisle Railway, and to advise, as to the requisite reservations for the Passage of Roads, or Railways, under, over, or along the Line.
Percy-main Bensham	<u>Jany. 10<sup>th</sup>. Wed.</u> At home – Reporting on Whickham Manor, and Birtley Common Colliery for the Bishop of Durham. <u>Jany. 11<sup>th</sup>. Thursday</u> Viewed the Bensham Seam Percy Pit. Have resumed the working of the Pillars in the N. or Red Burn District. There is a <u>Ramble</u> of from 2 to 6 In. thick breaks down among the Coal, and is very troublesome and difficult to pick out by the light of the Davy Lamps. The Coals work Small also, and are difficult to Separate. I therefore decided to try the effect of working without Separation, and to allow the Hewers 3 <sup>d</sup> . P. Score consideration for the Ramble.
C.T. Committee Meeting	Attended a Coal-trade Comm <sup>ee</sup> . Meeting at Newcastle relative to the prices of Gas and Oversea Coals.
M <sup>r</sup> . Gresley	<u>Jany. 12<sup>th</sup>. Friday</u> Met M <sup>r</sup> . Gresley at M <sup>r</sup> . Davison's Office Durham, to confer on the renewal of a Life, in the Etherley-Fell Colly. Lease, and on other business relative to the Bishop of Durham's Colliery Affairs. Returned to Newcastle

1838	<b>18.</b>
Society for Promoting the Fine Arts	in the Evening, and attended a Gen <sup>l</sup> . Meeting of the Society for the Promotion of the Fine Arts, where M <sup>r</sup> . Lovre delivered a Lecture on the Manufacture of China & Porcalin Several Specimens of Art were exhibited
Meeting for formation of Wet Docks at S <sup>o</sup> . Shields	<u>Jany. 13<sup>th</sup>. Satdy.</u> Attended a meeting convened At the Turks-head Long Room, to consider the expediency of establishing a Co. for the erection of Wet Docks at S <sup>o</sup> . Shields on the E. Side of Jarrow Slake. The Meeting was well attended and a N <sup>o</sup> . of Resolutions for carrying the measure into execution were Passed and a Comm <sup>ee</sup> . of management was named.
Haltwhistle	<u>Jany. 14<sup>th</sup>. Sunday</u> Dined with M <sup>r</sup> . Jn <sup>o</sup> . Adamson, and with him by the



Colliery.	3 o ' Clock Railway-train, to Haltwhistle to investigate the Situation of the Haltwhistle Colliery, on behalf of the Representatives of the late Miss Cuthbertson – M <sup>r</sup> . B[owes] and the Misses Heron. <u>Jany.15<sup>th</sup>. Monday</u> Examined the old Levels
1838	19.
Nat. Histry. Society	and Pits &c. of the Haltwhistle Common Colly. with Mess <sup>rs</sup> . Adamson and Wylam Walker. Returned to Newcastle in the Afternoon. Attended a Meeting of the Natural History Society in the Evening <u>Jany.16<sup>th</sup>. Tuesday</u> Met M <sup>r</sup> . A.L. Potter at Stella
Stella Freehold Colly.	on the Subject of the Free-hold Coal – have got the Main Coal at 20Fa <sup>s</sup> . in the Staple - the Seam is 3½ F <sup>t</sup> . thick, including 5½ In. of Coarse Coal at the top. Have also got the Crow Coal by boring, at the regular distance Fa. below From all the information we can collect there appears to be so feasible a prospect of a considerable quantity of all the Seams – especially the Towneley-main lying on the dip-Side of the Main Dyke here, that we decided, on Sinking another Stapel, at 230 or 240 yards, further to the N.E. to prove the Main Coal. Went to Pensher in the Evening <u>Jany.17<sup>th</sup>. Wed.</u> Attended a Commission Meetg at Sunderland, when the Vends for the last ½ Year of 1837 were Sworn to. And the general business of the Commission discussed.
The Ships	Went to Seaham Harbour and Saw my two Ships, the Lord Seaham & John Buddle – they
<hr/>	
1838	20.
Jany.17 <sup>th</sup> .	are both loaden & ready to proceed to Sea the first favourable opportunity. Gave the Apprentices of the two Ships, 9 in N <sup>o</sup> . each a Watch Coal to keep them Comfortable, during the Winter. Nothing has been doing at the Harbour Works during the last Fortn <sup>t</sup> . but the Shipping of Coals commenced last Mondy. the 15 <sup>th</sup> . Ins <sup>t</sup> . <u>Jany.18<sup>th</sup>. Thursday</u> At Rainton in the Mornng. inspecting the Locomotive Engine for Pittington - to be treed and experimented upon the Meadows Branch. At Newcastle & Walls-end in the Evg.
Queens Picture	<u>Jany.19<sup>th</sup>. Friday</u> At home all the mornng. Newcastle Afternoon. Saw the Queen's Picture by at Curry & Beaumonts'
Stalla Main Coal	<u>Jany.20<sup>th</sup>. Saturday</u> Breakfasted with M <sup>r</sup> . A.L. Potter to see a Sample of the Stalla Main Coal, burnt - the Coals Seem harder than we expected from their appearance last Tuesday, and made a very good fire.
Bates' Holywell Coal.	Met Mess <sup>rs</sup> . Th. & Hugh Taylor, & N. Wood at M <sup>r</sup> . P. Ellison's Office, and Settled the Agreement for wokg. 100 Acres of M <sup>r</sup> . Bates' Coal, by Outstroke out of Clennells' Holywell. Home in the Evening.

Jany.21<sup>st</sup>. Sunday At home – Th. Burnet & his Son dined with us.

1838

21

Jany. 22<sup>d</sup>. Monday At home

Jany. 23<sup>d</sup>. Tuesday Went to Newcastle to meet M<sup>r</sup>. M<sup>c</sup>. Donnell who was expected by the 1 o ' Clock train from Carlisle, but he did not arrive.

Went to Benwell Colly. Pay – met M<sup>r</sup>.

Surtees there.

M<sup>r</sup>.  
M<sup>c</sup>. Donnell

Jany.24<sup>th</sup>. Wed. Met M<sup>r</sup>. M<sup>c</sup>. Donnell at Newcastle, on his arrival from Ireland, and discussed Lord L\_'s trust affairs generally.

Jany.25<sup>th</sup>. Thursday At Percy-main – Walls-end Monthly Pay. At M<sup>r</sup>. Carte's Concert in the Evening – to hear Talberg the great Pianist Play and M<sup>r</sup>. Alfred Shaw Sing.

Carte's  
Concert

Talberg.

Talberg's playing is the most extraordinary Performance of it's Kind I ever witnessed, and is utterly indescribable. The fone Rapidity & Sweetness at the Same time of his fingering was immatible – there was expression in every Finger & in the most Rapid Piano Passage she Struck Some of the notes in the accompanyment with the force of a hammer – producing the effect of a Bell.

Jany. 26<sup>th</sup>. Friday Spent the morng. in reading over the Forest of Dean Bill with M<sup>r</sup>. Sopwith. Met M<sup>r</sup>. M<sup>c</sup>. Donnell at the Queen's

---

1838

22

Literary  
Society.  
M<sup>r</sup>. H. Pattison

head. Attended Meeting of Literary Society in Evg. M<sup>r</sup>. H. Pattison delivered a very nice Lecture on Professor Daniels' perpetual Galvanic Battery for the illustration of which he was provided with a very nice portable apparatus, and which exhibited the experiments very Successfully

British  
Association

Jany.27<sup>th</sup>. Satdy. At N.Castle. Attended a meetg. of the local Comm<sup>ee</sup>. for making arrangements for the reception of the British Association at the ensuing Meeting.

S<sup>r</sup>. M.W.  
Ridley B<sup>t</sup>.

Dined with Donkins – the Party Consisted of S<sup>r</sup>. M.W. Ridley B<sup>t</sup>. D<sup>r</sup>. White & Mess<sup>rs</sup>. Nichol Ramsay, Sewell, Armstrong, & Stable.

Minature

Jany. 28<sup>th</sup>. Sunday Sat to M<sup>r</sup>. Carrick to have my Minature for M<sup>r</sup>. Easterby finished.

Holywell  
Colliery

Jany. 29<sup>th</sup>. Monday Viewed Holywell Colly. in Clennell's Royalty – gave directions for Pushg. the S<sup>o</sup>. Drifts Brard thro' the Barrier – to hole into Easrdon Waste. This is in anticipation of having the Winning to make in the Duke's Royalty in consequence of the difference which has arisen with M<sup>rs</sup>. Bates, Relative to the Privilege of Outstroke. Are working about 200 xx. a day out of Clennell's Royalty at present

1838

23

Meeting

At Backworth, where a heap of Coals is beginning to accommodate.

Met M<sup>r</sup>. M<sup>c</sup>. Donnell at Newcastle on Lord

relative  
to the  
Seaton Coal.

L\_'s business. We held a Meeting at M<sup>r</sup>.  
Donkin's Office, to deliberate on the best plan  
to be pursued with respect to the Seaton Coal  
Present Mess<sup>rs</sup>. M<sup>c</sup>. Donnell Donkin  
Nick, Wood Phillipson  
Morton Geo. Hunter

It was considered to be most expedient to  
endeavour to take M<sup>rs</sup>. Bond & Brough's  
Parcels & also a Part of Ryhope, under Lease  
to the Haswell Co. M<sup>r</sup>. Wood was authorized  
to negotiate with M<sup>r</sup>. J. Clayton for the two  
former, and in the event of his Succeeding, I am  
then to endeavour to open a negotiation with  
the Haswell Co. These measures are to be  
taken with a view to the winning of the Colly.

Went to Pensher in the Evening – a Stormy  
day.

Jany. 30<sup>th</sup>. Tuesday Spent the day at Pensher  
on various matters - M<sup>r</sup>. M<sup>c</sup>. Donnell came to dinner

Killed

Heron a Boy employed in looking on  
the Waggon, at the foot of the Benridge Plane  
was Killed on the 3<sup>d</sup>. Inst. By the Waggon running

---

1838

24.

over him.

Killed

Jany. 24<sup>th</sup>. Wed. Bowes & Hodgson two Hewers  
were Killed in the S<sup>o</sup>. Pit Lanchester Common  
Colly. by a fall of Stone in the face of the  
Board where they were hewing – they had  
worked further under a bad Stone than the  
Overman had ordered them to do, when it  
Fell & Killed them on the Spot.

N<sup>o</sup>. Hetton  
Colliery  
Board

Jany. 31<sup>st</sup>. Wed Attended the N. Hetton Colly.  
Board – Present M<sup>r</sup>. M<sup>c</sup>. Donnell, N. Wood,  
Morton & Hunter, Mess<sup>rs</sup>. Spence. Geo  
Robinson & Th. Hall dined with us.

Feb. 1<sup>st</sup>. Friday Spent the day with Mess<sup>rs</sup>  
M<sup>c</sup>. Donnell & Hindhaugh at Pensher – M<sup>r</sup>.  
W. D\_I, went to Seaham and I went to  
Walls-end in the Evening.

Cramlington  
Colliery

Feb. 2<sup>d</sup>. Friday Viewed Cramlington Colly.  
for the purpose of examining the Low-main  
Seam- to enable me to form an opinion  
of the probable State of that Seam, in M<sup>r</sup>.  
Th. Taylor's Cramlington Estate.

I examined the Seam & took Sections  
of it in the N.W. Workings of the Ann Pit  
at the nearest point to M<sup>r</sup>. Taylors' pro-  
perty, which is      yards from his East

1838.

25

Boundary. And also the E. extremity  
of the Workings – adjoining Seaton Delaval Boundy.

Cramlington  
Colliery

A black Slaty Band, Scared with Coal, puts  
in at      yards from the face of the W. Workings  
leading towards M<sup>r</sup>. Taylor's Boundary, which thickens'  
regularly to the N.W. 'till in the face of those works.  
it is 9 In. thick. The Seam is also Subject to Balks  
and nips in this quarter which increases the price of

working, as the places in which those nips occur, are driven by a yard price according to circumstances

Out of the region of the Band, and in the East Part of the Colly. next Seaton Delaval, the Seam is

F. In F. In.

5 .. 4, 5 .. 7¼ — 5 .. 8 and 4 .. 9¾ thick — clean Coal.

In the N.W. Workings next M<sup>r</sup>. Taylor's Boundy.

F. In.

the Seam was Clean Coal — 4 .. 10

Black Band Scared w<sup>th</sup>. Coal — 9 F. In.

Coal ————— 1 5 .. 8

The Coal in this part is Coarser, with white Spar in the Facings, than the Coal in the E. Part of the Colliery. 3 In. of Kennel lies on the top of the Coal, and then about 10 In. of Grey Metal A Stratum of Iron Stone 4½ In. thick then occurs and then a Parting above which is a Strong Gray-metal Stone which makes a capital Roof this Sort of Cover runs through the whole Colliery

---

1838

26.

Feb. 3<sup>d</sup>. Saturday Met M<sup>r</sup>. M<sup>c</sup>. Donnell at Durham and accompanied him to the Chapter Office, to get the question of the Short Workings at Pitlington Colly. Settled. M<sup>r</sup>. M<sup>c</sup>. D\_I. had an interview with the Chapter and got the question of the Short Workings, Satisfactorily Settled, without having occasion to call upon me.

Lord and  
Lady  
Londonderry

Accompanied M<sup>r</sup>. M<sup>c</sup>. D. to Ravensworth Castle to See Lord & Lady Londonderry, on the Subject of the N. Pitlington Renewal — the Fine Paid to the Dean & Chapter for which is £15000

M<sup>r</sup>. M<sup>c</sup>. Donnell has paid this Fine & has given his acceptance to the Joint Stock Bank for £7500 of the Money (the Bank having paid the £15000) on the expectation that the Money would be paid out of S<sup>r</sup>. John Becketts Accumulated Trust Fund. But Mess<sup>rs</sup>. Groom & Gregson, - the former S<sup>r</sup>. J. Becketts — the Latter M<sup>r</sup>. M<sup>c</sup>. D\_I's Solicitor having taken Councils (Mess<sup>rs</sup>. Duval & Wigram's) opinion, are advised that S<sup>r</sup>. J. Beckett ought not to pay the £15000 out of the Accumulated Fund without the Sanction of the Court of Chancery

This is very objectionable on the part of Lord Londonderry on Acco<sup>t</sup>. of the great expence of Chancery Proceedings. After much discussion

1838

27

with L<sup>d</sup>. & Lady Londonderry, Lord Londonderry having disclosed his aversion to the Court of Chancery, and also his unwillingness to Sanction any measure that would lengthen the duration of the Trust. M<sup>r</sup>. M<sup>c</sup>. Donnell Said rather than have anything to do with the Court of Chancery, he would raise the £15000 for the Fine, on his Own Credit — provided after the Paym<sup>t</sup>. of the £150,000 Lord L. would guarantee, & hold him ha[rm]less, as to the £15000. This Lord L. agreed

Meeting at  
Ravensworth  
Castle

to do, and Said the matter resolved itself into the 3 following heads vis.

1<sup>st</sup>. That Sir J. Beckett Should be applied to, to pay the £15000 out of the Trust Fund without the intervention of the Court. But in the event of his declining to do this that

2<sup>d</sup>.ly. He Should be requested to give up the Trust - but

3<sup>d</sup>. If he Should decline both those Propositions then M<sup>r</sup>. M<sup>c</sup>. D.I., to raise the £15000 on his own Acco<sup>t</sup>. to pay the Fine, — the £15000 to be added to the £150,000 making it £165000 but as Soon as the £150,000 of Personal debt is Paid off, then M<sup>r</sup>. M<sup>c</sup>. Donnell to Resign the Trust on Lord Londonderry, giving him Security for, or otherwise relieving him from his liability

---

1838

28.

Meeting  
with L<sup>d</sup>.  
& Lady  
Londonderry  
at  
Ravensworth  
Castle

for the £15000 Lady Londonderry was present during the greater part of this discussion.

Lord L. expressed the Strongest possible objection to M<sup>r</sup>. M<sup>c</sup>. Donnell's holding the Assignment of the Ho. hold property at Wynyard, and it was impossible to reconcile him to the expediency & propriety of the measure. His feelings on this Subject are Morbid, as he Seems to view his Personal Interest, in the Affairs, as tenant for Li[ve] Separate from & in opposition to the interest of his Family, instead of Considering them, as being mutual & reciprocal!!! me

L<sup>d</sup>. & Lady Ravensworth pressed ^ to dine & Stay all night, but I excused myself & returned to W.End in the Evening

Feb. 4<sup>th</sup>. Sunday At home

Backworth

Feb. 5<sup>th</sup>. Monday Viewed the B Pit Backworth Are just commencing the Victoria District – the Coal is Strong & dry.

At Percy- main in the Afternoon – all well Attended a Vestry Meeting at W.End – a rate of 7<sup>d</sup>. in the £. laid on for the quarter ending May.

W.End  
Vestry Meetg.

— Shaw Engine Man at the Anfield Engine on the Stanhope & Tyne Railway, Killed on the

1838

29

Killed.

2<sup>d</sup>. Ins<sup>t</sup>. by Some means or other he had fallen between the Fly-wheel & the Wall & the Fly literally cut his head off.

Same day – Allen a Rolly-driver Killed at Percy-main, by the Rollies running over him.

Feb. 6<sup>th</sup>. Tuesday At Benwell Colly. Fort<sup>t</sup>. Meeting – the day being tolerably fine took my Sister to Newcastle & Benwell with me.

East Holy-  
well Colly.  
Meeting with  
Mess<sup>rs</sup>. Th. &  
Hugh Taylor

Met Mess<sup>rs</sup>. Th. & Hugh Taylor at the Percy-m. Office Newcastle – And after fully discussing the circumstances of Mess<sup>rs</sup>. Clennells & Bates' Holywell Coal, we finally decided to Sink a Pit in Clennells' Ground – to commence with as

little delay as may be. The building of the Pitmens' Houses, on Bates' Property to be Suspended.

Fire  
Burnt.

Two Wastemen Ja<sup>s</sup>. Heppell and Smarly burnt, in the Mill Pit Beaumont Seam Elswick Colly. The Water had risen in a Swelly in the S<sup>o</sup>. Works from the Shaft, and Stopped the Air-Course & caused a considerable accumulati<sup>n</sup>. of inflammable Air. They went to travel this Part, and altho' they had their Davys they had not lighted them, thinking from the place being

---

1838

28.[29a]

so near the Shaft, there was no danger & therefore, took naked lights. They just got to the Shaft Doors when the fire took place. It was a Strong Fire, and the Wind of it alarmed the Shifters in the Main Coal Seam, where is caused a heavy concussion – but very little injury was done in the Pit. \*

Flatworth  
Pit

Feb. 7<sup>th</sup>. Wed. Examined the Flatworth Pit, where the Ingate of the Main Coal Seam, has been [disused] Air & Water tight by Stone walling hacked with Clay – 2 Fath. Of Walling, between the Foundation, in the Third [at] the top under the Baln Stone

The Shaft feeders are conveyed thro' the Wall by a 4 In. Pipe & find their way thro' the Water to the Howden Engine. The Inflammable Air is let out through the Wall by a 4 In. Cast Iron Pipe, which will be carried to the Surface behind the Brattice The Gas was discharging thro' the Pipe this mornng. very Strong.

There is a Small leakage of Water thro' the Walling near the bottom which may be Stopped by Wedging. When this is done, the Sinking to the Bensham, will proceed regularly.

1838

29[29b]

Feb 6<sup>th</sup>.  
M<sup>r</sup>. Ed.  
Arkless  
Cowpen  
Colly.

\* M<sup>r</sup>. Ed. Arkless the Viewer of Cowpen Colliery Called upon me to consult me upon the best mode of getting the dead Water out of the dip Workings to the W. of the Shaft – there is about 11 Acres of Waste full of Water. Advised him to apply the double force Pump, which they have on the place with a 4 In. discharging Pipe – will require about 60 yds of Pipe.

Sir M.W.  
Ridley

Feb. 7<sup>th</sup>. Wed Met S<sup>r</sup>. M.W. Ridley B<sup>t</sup>. in Newcastle to discuss the application of the Netherton Coal Co. for Way-leave to N. Blyth, and the State of Cowpen Colliery.

S<sup>r</sup>. M. is Strongly inclined to let Cowpen Colliery – but I advised him to wait until it is Put into a fair working State. And as the granting of Way-leave to the Netherton Co. might have a material effect on the letting of Cowpen Colliery. S<sup>r</sup>. M. came to the Conclusion, that it was best for him, to inform the Netherton Co. that he was not yet prepared to give the man Answer, and to wait a while to see how

matters turn out at Cowpen Colliery  
Feb. 8<sup>th</sup>. Thursday At home  
Feb. 9<sup>th</sup>. Friday At home Mornng. Dined at the

1838

30.

Turks'-head with the Small Coal Customers of W. Townley Colliery & friends – the Party consisted of upwards of 20  
Satdy. 10<sup>th</sup>. Feb. At Newcastle – Saw M<sup>r</sup>. Lamb & T. Taylor, on the Cramlington Coal Affair  
Feb. 11<sup>th</sup>. Sunday At home M<sup>r</sup>. Hutton dined with me.

East Holywell New Winning

Feb. 12<sup>th</sup>. Monday Viewed Holywell Colliery to see about the most eligible Situation for Sinking a Pit, in Clennells' Ground – but did not finally decide, as I with first to have the line of the 18 F<sup>t</sup>. Trouble better defined.

Biddick & Herrington Sale finally Settled

Met Mess<sup>rs</sup>. Morton & G. Hunter at Ravensworth Castle, to get the Agree<sup>t</sup>. for Purchase Sale of Biddick & Herrington, and the Agree<sup>t</sup>. for Shipping our Coals, finally Settled with M<sup>r</sup>. M<sup>c</sup>. Donnell – Which after a full discussion and explanation was done

Dean Forest Mining Bill

Went on to Pensher in the Afternoon  
Feb. 13<sup>th</sup>. Tuesday Spent the day at Pensher M<sup>r</sup>. Sopwith me perusing remarks & Suggestions on the Dean Forest mining Bill, by Mess<sup>rs</sup>. Protheroe & Machin.

Seaham Harbour

Feb. 14<sup>th</sup>. Wed. At Seaham Harbour, where my two Ships, the L<sup>d</sup>. Seaham & Jn<sup>o</sup>. Buddle are Still lying laden ready for Sea – but owing to the badness of the Tides & high Sea, they cannot get out of

1838

31

The Harbour Met Lord Londonderry and M<sup>r</sup>. M<sup>c</sup>. Donnell at the Hall – returned to Pensher in the Evening. A Severe Frost – the Dock at the Harbour partially frozen.

Feb. 15<sup>th</sup>. Thursday Went to Durham, with M<sup>r</sup>. Morton to meet Mess<sup>rs</sup>. Gregson & Ward, to get the Agree<sup>t</sup>. for the Sale of Herrington & Biddick Finally Settled

Total Amo<sup>t</sup>. of Purchase Money ——— £44845.. 0.0  
Ded<sup>t</sup>. Land retained by L<sup>d</sup>. L. ——— 5174.. 9.6  
Net Purchase Money to less<sup>d</sup>. by L<sup>d</sup>. D. £39,670..10.6

A regular Agree<sup>t</sup>. was drawn by Mess<sup>rs</sup>. Gregson and Ward, which M<sup>r</sup>. Morton and I Signed.

Killed

Returned to Pensher by Rainton  
W<sup>m</sup>. Ranson Westeman, Killed at the Alexandrina Pit, yesterday, when riding up the Shaft in a Corf. He with two others got into a Corf to Ride, when just after being lifted from the bottom – the hook not having been put right, the Corf canted, and they fell out, when 2 or 3 Fath<sup>s</sup>. up & Ranson was Killed

Dean Forest Bill

Feb. 16<sup>th</sup>. Friday – At N.Castle, and finished with M<sup>r</sup>. Sopwith the perusal of the Suggestions and observations on the Dean Forest Bill

Medomsley Coal

Had an interview with M<sup>r</sup>. Clayton on the Medomsley Coal, belonging to Mess<sup>rs</sup>. Brooks-banks & and General Hunter

Medomsley  
Coal.

himself authorized to treat for the letting of Brooksbanks and Coal, but as Gen<sup>l</sup>. Hunter, had referred him to M<sup>r</sup>. Th. Fenwick he felt that he could not do more, than make another effort to bring Fenwick to Some Point about it. He, therefore, undertook to get M<sup>r</sup>. F. to meet us with that view.

Winning of  
Stella Freeh<sup>d</sup>.  
Colly. to be  
Commenced

Feb. 17<sup>th</sup>. Saturday At Newcastle. Attended a Meetg. of the Coal-trade Comm<sup>ee</sup>. — 25 P. m. for the remainder of the Mo. issued.

Fixed with Mess<sup>rs</sup>. Potter and Th. Hall to commence the Winning of the Stella Freehold Colly. — the Pit to be Sunk 11 F<sup>t</sup>. drains by the Side of the Waggon-way about yards W. of Peth-head.

M<sup>r</sup>. Mackieth

Spent last Evening, Friday, at M<sup>r</sup>. Mackieth's Feb. 18<sup>th</sup>. Sunday At home.

Backworth

Feb. 19<sup>th</sup>. Monday Viewed Backworth Colly. are Ridding and making preparation for Setting away a long Rolly-way Cross cut to the N.W. in the B. Pit, to work the Coal next Sehill & Burradon Bdy.

The Stowing up of the Low-main exploring drift is finished, and the Brattice is taken out of the Shaft, up to the Bensham Seam.

Holywell  
New Pit

Set out the new Pit, in Clennells' Royalty at Holywell the Shaft to be 9 F<sup>t</sup>. Diam.

Went to Pensher in the Evening

Feb. 20<sup>th</sup>. Tuesday Spent the day at Pensher, with M<sup>r</sup>. M<sup>c</sup>. Donnell & Hindhaugh — Returned to Walls-end in the Evening

Burnt  
Killed

Feb. 21<sup>st</sup>. Wed. At home. A Man and a Boy burnt to death, and 2 or 3 more Severely burnt at Whitley Colly.

Yesterday

Feb. 22<sup>d</sup>. Thursday Viewed the Percy Pit, Main Coal Seam, Whitehill Point district. Ordered the Boundy. Boards next S<sup>o</sup>. Shields & Colling-wood Main to be bored.

Scientific  
Institution

Feb. 23<sup>d</sup>. Friday Went to Pensher with M<sup>r</sup>. Hindhaugh to meet M<sup>r</sup>. M<sup>c</sup>. Donnell, to Settle Lord Londonderry's Trust Acco<sup>t</sup>. for 1837. Returned to Newcastle in the Evg. with Hindhaugh, and attended a meeting of the Scientific and literary Institution M<sup>r</sup>. H. Pattinson, gave a very interesting Lecture, illustrative of the theory of Electrical Telegraph.

Electric  
Telegraph

British  
Association

Feb. 24<sup>th</sup>. Saturday Attended a Meeting of the British Association Comm<sup>ee</sup>. Undertook to write Cap<sup>t</sup>. Portlock at Belfast, for a Copy of the form of their Statistical Tables, for the information of the Committee

Burnt  
died.

Another of the Men burnt at Whitley Colly last Tuesdy. died last Yesterday, which makes the 3<sup>d</sup>. Life lost Feb. 25<sup>th</sup>. Sunday At home R<sup>t</sup>. MacKreth dined with us.



1838

34.

Newcastle  
Assizes

Feb.26<sup>th</sup>. Monday Attended the Newcastle Assizes on the Grand Jury. Commenced at 9 A.M. and did not get thro' all the Bills 'till ½ Past Six, in the Evening. Went home afterwards  
Feb.27<sup>th</sup>. Tuesday Attended the Court again this Mornng. at ten o' Clock – when the Grand Jury was discharged.

Went to Pensher

N. Hetton  
Colliery

Feb.28<sup>th</sup>. Wed. Attended the N. Hetton Colly. Board.

Seaham  
Harbour  
damaged  
by the  
Storm

Feb. March 1<sup>st</sup>. Thursday At Seaham Harbour to examine the injury done by the Storm of 25<sup>th</sup>., 26<sup>th</sup>., & 27<sup>th</sup>. Ultio. The tides on those days were the highest Springs w<sup>n</sup>. have occurred Since the Harbour was made and a heavy S<sup>o</sup>. E. gale occurred at the same time, caused the Sea to Strike directly Square on, to the Face of the N.E. Pier

From the long continuance of the Storm and the heavy Striking of the Sea against the Peir, a great Number of the Blocks in the Sea Front of it are broken – particularly at the Corners, and many are Shaken loose in their Places. The whole

1838

35

Mass of the Pier Seems to have been Shaken, but fortunately the paving, and inner face have Stood firm, or in all probability a breach would have been made in it.

Altho' the Peir cannot be considered in immediate danger, yet it requires that the Rubble Glaeis Should be completed with all Speed, as until that is done, it cannot be considered as being perfectly Secure.

Returned to Pensher, and then to Walls-end, in Evening.

Killed

One of the Pr[em]entive Service Men was Killed at the harbour, on the 22<sup>d</sup>. by falling off the Gang-way of the Staith. It is Supposed that he had gone after dark to look-out & had missed his footing – he fell with his head on the Iron W. Way Rail, and was found by the mason's next Mg. when they went to work – he had been Killed on the Spot.

Musical  
Party

Mar 2<sup>d</sup>. Friday Spent the morning at home and the Eveng. at a Quintette Party at M<sup>r</sup>. MacKeeths'.

Tyne Docks

Mar 3<sup>d</sup>. Saturday Subscribed my name for 20 Shares or £1000 in the Tyne Docks.

Attended a meeting of Viewers at the C.T.

1838

36.

Office – to take into Cons<sup>n</sup>. the measures to be pursued at the ensuing Binding of the Pitmen. Resolved that no essential change was Requisite in the Prices of Labour, nor in the conditions of the Bonds

New Pit  
E. Holywell  
Feb. 26<sup>th</sup>. Monday Broke the new Pit in Clennells' Ground, E. Holywell Colliery – Diam. in Clay 11 Feet – to leave 9 F<sup>t</sup>. in the clear when Walled  
Sunday 4<sup>th</sup>. Mar. At home M<sup>rs</sup>. W. Wherter with us.  
Mar 5<sup>th</sup>. Tuesday ~~Tuesday~~ Monday Breakfasted with M<sup>r</sup>. H. Taylor this mornng. at Earsdon, and Settled the Terms of the Cramlington Colly. Lease between M<sup>r</sup>. Th. Taylor the Lessor, and the Backworth Co. the Lessees.  
 Holywell Colly.  
 At Holywell Colly. - the Pit is Sunk 16 Feet, in very Strong Stormy Clay.  
 Met M<sup>r</sup>. Th. Taylor at Backworth Colly. and communicated to him the terms his Brother, and I had Settled for the Lease of his Cramlington Coal, with which he expressed himself quite Satisfied

1838 37

Benwell  
 Stella  
 New Pit  
Mar. 6<sup>th</sup>. Tuesday At Benwell. Went from thence to See the new Pit at Stella, which is 12 Fath<sup>s</sup>. deep in Clay – 11 F<sup>t</sup>. Diam. within Backing deals. Called at M<sup>r</sup>. Ja<sup>s</sup>. Hall's Greenside – then proceeded by Hooker-gate Derwent Bridge Burnup-field & Anfield. A heavy Storm of Wind & Rain. The Snow very thick in the Lanes. Got Fast in a Snow wreath – had much difficulty in getting my Mare extracted.  
 Medomsley  
Mar. 7<sup>th</sup>. Wednesday Viewed Medomsley Colly. At Tanfield-moor. Home in Afternoon  
 Percy-main  
Mar. 8<sup>th</sup>. Thursday Viewed Percy-main Pit Bensham Seam.  
Mar 9<sup>th</sup>. Friday – Home Mornng. Attended Meeting of Fine Arts Society in the Evng. M<sup>r</sup>. Sopwith Read a Paper on Projection  
 Fine Arts Society  
Mar 10<sup>th</sup>. Saturday. At Newcastle – Paid with M<sup>r</sup>. Th. Taylor the place for boring to the Grey's Seam at Cramlington. Attended a Coal-trade Comm<sup>ee</sup>. Meeting.  
 Cramlington Boring  
Mar. 11<sup>th</sup>. Sunday At home.  
Mar. 12<sup>th</sup>. Monday Viewed Holywell ex<sup>d</sup>. the Sinking Pit in Clennells Royalty, which is 27 F<sup>t</sup>. down – to be 9 F<sup>t</sup>. Diam. in the Clear  
 At Backworth – went to Pensher in the Evening.

1838

38

Edinburgh  
 The Marg<sup>s</sup>. of Lothian  
 M<sup>r</sup>. Peile  
Mar. 13<sup>th</sup>. Tuesday Spent the mornng. at Pensher. Went to Newcastle in the Evng.  
Mar. 14<sup>th</sup>. Wed. Started for Edinbro', in the Mail at ½ Past Two this mornng. being requested to attend as a Witness in a Cause, in the Jury Court. The South Metropolitan Gas Co. P. the Marg<sup>s</sup>. of Lothian D. the Co. have bro<sup>t</sup>. an Action against the Marg<sup>s</sup>. for the n[on] fulfilment of a Contract for Supplying them with Coals. I attended as a Witness for the Marg<sup>s</sup>.  
 Arrived at Edinbro' at 3 o' Clock P.M.

Went to the Black Bull Met M<sup>r</sup>. Peile there.  
M<sup>r</sup>. Dixon Called upon M<sup>r</sup>. W. Dixon Royal Hotel  
Called on D<sup>r</sup>. Reed, Drummond S<sup>t</sup>.  
Exhibition Mar.15<sup>th</sup>. Thursday Visited the Exhibition of  
Pictures. Visited Leith Harbour – Saw Sev<sup>l</sup>.  
Steam Vessels Steam Vessels – the Clarence, Adelaide & James Watt  
were the largest. The Clarence was the biggest  
but the Adelaide appeared to be the nicest Vessel  
It had 200 horse En. Power – the Steward Said they  
Consumed 90 Tons of Coals each way to & from  
London that is to Say 180 tons P. Voyage – they make  
the voyage to London, in Fine Weather in 40 hours  
The accommodation for Passengers is very good

1838

39

they even make up 50 Beds, and the Cabins are  
elegantly fitted up. They carry a great quantity of  
Goods – the Vessel draws 14 F<sup>t</sup>. Water, but I could not  
learn the tonnage.

Mess<sup>rs</sup>. W<sup>m</sup>. Dixon & Jameson dined with M<sup>r</sup>. Peile  
and I, and discussed the merits of the Marg<sup>s</sup>. of  
Lothian's Coal – Contract Cause.

Mar.16<sup>th</sup>. Friday M<sup>r</sup>. Peile breakfasted with myself  
at M<sup>r</sup>. Balds' 65 York-Place.

Jury Court  
Edinburgh

Went to Court at the Parliament house – to  
be ready to be called on the Contract Cause.

The trial Commenced, but the examination of the  
Pursuer's Witnesses occupied the whole day. And we  
were Requested to attend at 10 o ' Clock tomorrow.  
M<sup>r</sup>. Peile & I went into the Criminal Court to  
See how the Proceedings there, were Conducted.

The Pitty Jury Consists of 45 but only 15 are calld  
and they decided by a Majority. The manner of ad-  
ministering the Oath to the Witnesses is much more  
impressive than in the English Courts – it is ad-  
ministered by one of the Judges 3 of whom are on  
the Bench. The Judge holding up his Right hand  
Calls upon the Witness to do the Same, and then  
makes him Repeat the Oath after him in the

1838

40

following words. "I hereby Swear ~~in the~~ before  
"Almighty God, as I Shall answer at the great  
"day of Judgement, that I will Speak the truth, the  
"whole truth and nothing but the truth."

No Kissing of the Testament takes place  
Lord Meadowbanks presided, and I thought  
him Secure in his Scale of Punishments. The  
first Cause he tried was two Women for  
Robbing a man of 6<sup>d</sup>., attended with some  
acts of violence on his person – he transported  
them for 7 Years. He also transported  
5 Girls of the Town, for Robbing a Glasgow  
Cotton Spinner of £1..15.0

We were Kept in attendance 'till Six, in the  
Evening, but were not Called upon.

Mar.17<sup>th</sup>. Saturday Went to Court at ten this  
mg. but was not called to give Evidence 'till  
near Six, in the Evening, and was then dismissed

[Libraries]

Autograph  
of Mary  
Queen of Scots

1838

41.

During the morning I went thro' the Writers and Advocates' Libraries. In the latter are a great many Ancient Manuscripts – amongst the latter are Several of Mary Queen of Scots The hand writing is excellent, and legible They are written in French, and the Character

is as nearly like that of the present day as may be – very much more regular and legible than the general hand writing of the Ladies of the present day

S<sup>r</sup>. Walter  
Scotts'  
manuscripts

Went to Codell the Booksellers, to see the manuscripts of S<sup>r</sup>. Walter Scotts' Works which he has bound up in Volumes. The Separate Works in Separate Volumes. The hand writing is a Small neat character & what Strikes one, is the very few Corrections, or interlineations which occur. One page only in written, a blank Page being left on each leave. These manuscripts have much more the appearance of Fair Copies than of the original writing for the Press. There is a very Fine Statue of S<sup>r</sup>. Walter Scott at Coddls', the Size of Life executed in Stone by a native Artist

Theatre

Went to the theatre in the Eveng. Shakespeare's Storm was the play, but it was Sadly mutated and two Silly After pieces followed. The Orchestra was Small (only 15 Performers) but the music was excellent. \*

Mar. 18<sup>th</sup>. Sunday Started from Edinburgh by the Mail at ½ Past Seven this mornng. & arrived in Newcastle at 20 min. Past Nine. In the Evening.

Went immediately home to Walls-end

\* The Theatre

---

1838

42.

is Small, for Such a town as Edinburgh, and it is by no means elegantly fit up, nor clean There are three Rows of Boxes. The theatre does not Seem to be the favourite, amusement of the Edinburgh people

Pitmen's  
Binding

Mar. 19<sup>th</sup>. Mondy. Found that the Backworth, Holywell, Percy-main, Killingworth, Willington, Heaton, Colls. Wood-main, & Elswick Men had bound. But the Walls-end, Washington & Sheriff-hill Men had not bound.

Went to Pensher in the Afternoon. The Pensher Pitmen bound on Sa. but very few had bound at Rainton, Pittington, N. Hetton, Hetton, or any of Lord Durham's Collieries except Little-town.

Mar. 20<sup>th</sup>. Tuesday Spent the mornng. at Pensher – went to Walls-end in the Afternoon.

M<sup>r</sup>.  
Tho<sup>s</sup>. Doubleday  
Priory-Ho.  
let to him.

Called at Donkins & Stables Office & Signed the Agree<sup>t</sup>. for letting the Priory to M<sup>r</sup>. Th. Doubleday – to enter at May next Rent £90 P. Ann. to be p<sup>d</sup>. Quarterley – to quit at a 1 years notice – to be given at the Regular Quarter-days.

Mar. 21<sup>st</sup>. Wed. At home, only about 36 of the Walls-end Pitmen have yet bound.

Mar.22<sup>d</sup>. Thursday At Percy-main in the Mornng.  
Walls-end Pay-day Mess<sup>rs</sup>. John Taylor, Burn,

1838

43.

Morriss & Jabez Oliver dined with us.  
I agreed to give the W.end Men 3<sup>d</sup>. P. xx. advance on  
the Chingley Coals – making the hewing price on the  
Chingle 4/ 6 & on the Round 6/ 6 P. xx. proportion  
2 Chingle at 4/ 6 & 1 Round at 6/ 6 =  $\frac{15}{6} = 5/ 2$  average  
3

gave them also 8 [lb]. of Gunpowder P. Fort<sup>t</sup>. between  
2 Men, instead of 7 [lb]. They all bound immedi-  
ately.

W. Cram-  
lington

Mar.23<sup>d</sup>. Friday Met M<sup>r</sup>. Th. Taylor at New-  
castle, and Settled the Plan of Winning W.  
Cramlington Colly. the powers of the Pumping  
drawing & Railway Engines &c. Spent the  
Evening at M<sup>rs</sup>. Rankin's - Forth

The E.  
Holywell  
Coal Co.

Mar.24<sup>th</sup>. Satdy. Attended a meeting of the  
E. Holywell Coal Co. Present Mess<sup>rs</sup>. Joe Lamb  
Plummer, Clark, Hugh & Th. Taylor, M<sup>r</sup>. Hether-  
ington & Self. M<sup>r</sup>. Plummer was appointed  
Fitter – the Salary to be fixed after the Colly.  
is won – Tho<sup>s</sup>. Taylor Nephew to H & Th. Taylor  
appointed Viewer & Agent at a Saly. of £200  
P. Ann. and to have a Clerk to assist him

The form of a Partnership Deed was also agreed  
upon. Attended a meeting of the Coal-trade  
Comm<sup>ee</sup>. to make complaint against M<sup>r</sup>. Liddell.  
for violating the Binding Regulations, by Sending

---

1838

44.

Meeting of  
C.T. Committee

his Overman from Gosforth Colly. to treat & Ta[ ss ]  
with the Walls-end Pitmen to induce them to  
bind at Gosforth. M<sup>r</sup>. Jo<sup>s</sup>. Lamb made a Similar  
complaint from Wallbottle Colly. from which they  
had hired 50 men & Lads. M<sup>r</sup>. Liddell admitted  
the Charges, and made a lame apology for his  
conduct – the meeting was adjourned 'till Tuesdy.  
next for a final hearing.

Binding of  
Pitmen

I Stated that the Rainton Men were Standg.  
off for extravagant terms, and that up to 12 o '   
Clock only 14 of them had bound. I therefore  
asked the advice of the Comm<sup>ee</sup>. how to proceed  
– It was Suggested that I Should call a Meetg.  
of the Viewers of the neighbouring Colls. on  
Monday to take their opinion as to whether  
the prices paid at Rainton & Broomside were  
Sufficient, & to Judge whether the Men had  
any just cause of complaint. And also to  
advise as to what is most expedient to be done  
under the circumstances

Meeting of  
Viewers

Mar.25<sup>th</sup>. Sunday At home. Spent Evng. at  
M<sup>r</sup>. Easterby's

Mar.26<sup>th</sup>. Monday Viewed Backworth Colly.  
Victoria district. The 1<sup>st</sup>. Holing below the  
18 F<sup>t</sup>. Dyke is made & the N.W. Winning heads.

pointed away.

Met Mess<sup>rs</sup>. Hunter, T. Forster, Robson, Jn<sup>o</sup>. Robson, and Crawford at Benks's Hought onto compare the hewing &c. Prices of the different Colls. with Rainton & Broomside

It appeared that Rainton & Broom Side prices were on rather a lower Scale than their neighbours and therefore that the Men had Some ground for their complaints. On due deliberation it was agreed that a general advance of 3<sup>d</sup>. P.

xx. should be offered the Men, which it was expected would induce them to bind

Meeting  
of  
United  
Committee

Mar.27<sup>th</sup>. Tuesday Attended a meeting of the United Comm<sup>ee</sup>. at Newcastle, when it appeared that the Pitmen at Wylam, Walbottle, and S<sup>t</sup>. Lawrence, as well as Rainton & Broomside were Unioned and Standing out for extravagant Wages

It was resolved that no other Collieries should bind those Men.

N.Hetton

Mar.28<sup>th</sup>. Wed. Attended the N.Hetton Colly. Monthly Meeting – Present Mess<sup>rs</sup>. Wood, Morton and Hunter. M<sup>r</sup>. Jn<sup>o</sup>. Robson met M<sup>r</sup>. Wood and I with the Hetton Colly. Plans to measure & Calculate the quantity of

Coal remaining unwro<sup>t</sup>. in M<sup>r</sup>. Fox's Eppleton Estate. Found it to be in the Ch.

Main Coal – Whole Mine & Pillars — 362,000

Hutton Seam ditto ————— 384,750

Gross quantity — 746,850

or 40737 Tons

Duration  
of  
Hetton Colly.  
M<sup>r</sup>.  
Mascall

No account taken of the other Seams. We estimated the duration of Hetton Colly. at its' Present Rate of ann<sup>l</sup>. Vend at 95 years Old M<sup>r</sup>. Mascall came to Pensher with me.

Seaham  
Harbour

Mar.29<sup>th</sup>. Thursday – Took M<sup>r</sup>. Mascall to Seaham Harbour to commence the piling of the N.E.

Decided to commence the Piling of the N.E. Pier-head, in order to get the Foundations in this Summer. I will Require about 90 F<sup>t</sup>. of Piling that is to be Say 90 Piles to be driven S[kin] for Skirt. Directed Thorman to look out for Teek Wood for this Purpose. Went to Newcastle in the Evening

M<sup>r</sup>. Straker  
Fenham  
Coal

Mar.30<sup>th</sup>. Friday Met M<sup>r</sup>. Straker at the Mill Pit Elswick Colly. this Morng. and ex<sup>d</sup>. the Low-main Coal Seam, in the Direction of Fenham, which on the Part of M<sup>r</sup>. Ord M<sup>r</sup>. S. is authorized to let to the Elswick Coal. Co. After having examined the

Winning  
Fenham

Seam we proceeded to the exam<sup>n</sup>. of the Surface when it appeared that the most eligible place for the winning will be in Archbolds' Field – in the

Coal. N.E. Angle of the Boundary, and that the Railway, will go best by the old Ben<sup>l</sup>. Way from the Edw<sup>d</sup>. Pit – in which case there will only be two Way-leaves to the River, at Ben<sup>l</sup>. Staith viz. thro' M<sup>r</sup>. Ja<sup>s</sup>. Crowhalls' & my own Propty It will require a Branch of about Yards in length, between the Site of the Winning & the old Line of way, at the head of the Incline S<sup>o</sup>. Side of Carlisle Turnpike near And<sup>w</sup>. Oliver's Farm House

M<sup>r</sup>. T. Taylor Dined at M<sup>r</sup>. Th. Taylor's 16. Lovain Plane with a large Party.

M<sup>r</sup>. Rich<sup>d</sup>. Pemberton's of Barnes' Funeral. Mar.31<sup>st</sup>. Saturday M<sup>r</sup>. Peile called upon me this mornng. to consult me on the Plan of a new Winning at Whitehaven.

Attended old M<sup>r</sup>. Rich<sup>d</sup>. Pemberton's Funeral at Bishop-wearmouth Church. M<sup>r</sup>. P. died in his 94<sup>th</sup>. Year – it was a very large Funeral – about 30 Carriages attended – with the Tenants on horseback &c. Returned to Walls-end in the Afternoon.

---

1838

48.

Ap.1<sup>st</sup>. Sunday At home

Ap.2<sup>d</sup>. Monday At Percy-main in the Mg. and went to Pensher in the Afternoon.

Ap.3<sup>d</sup>. Tuesday Went to Aykley-heads to call upon M<sup>r</sup>. F.D. Johnson – to examine his Estate, there, and advise him, as to the letting of the Coal, under the Same for which he has received a proposal from the Durham Coal Co.

M<sup>r</sup>. F.D. Johnson's Aykley-heads Estate.

The Estate only Contains 110 Acres, and is nearly divided in the middle, into two almost equal Parts, by the W. Boundary (the Newcastle Turnpike) on the one Side & a tract of Dean & Chapter Land on the other. The two Parts of the Estate being Connected by a narrow Strip of Land

The Coal cannot be worked as a Separate Colliery, but may be attached to the Bishop's Coal, on the W. Side, or W Williamson's on the E. Side – between which it lies. I advised M<sup>r</sup>. Johnson to endeavour to ascertain if M<sup>r</sup>. Williamson has had

1838

49

any application for his Coal – and also the extent of the Bishop's Coal adjoining before I can make up my mind, as to the advice I should give him, on the Proposal which he has received.

M<sup>r</sup>. Piele Proceeded to Durham to the Rev<sup>d</sup>. Tho<sup>s</sup>. Piele's, where I met M<sup>r</sup>. Piele & Williamson Took M<sup>r</sup>. Piele, to Belmont, and Hetton to See the Tub & Cage System of drawing Coals in operation & then brought him by Pensher to Walls-end.

Ap. 4<sup>th</sup>. Wednesday Took M<sup>r</sup>. Piele, and

Whitehaven  
New  
Winning

Williamson to Benwell & W. Townley to see the Tub & Cage System, working, and returned to Walls-end to dinner. After which Mess<sup>rs</sup>. Piele Submitted their Project for a deep Winning of the Coal, under the Sea, in the Howgill division of Whitehaven Colliery, to my Consideration. We had a long discussion upon the Subject, and I am to report on it at my leisure

The intended Site of this Project Winning is on the Sea Shore, about mid-way between

1838

50.

the William Pit & Saltholm Fa<sup>s</sup>.  
Depth to the Saltom En. Level at this Point 135  
It is intended to Sink below \_\_\_\_\_ 115  
Proposed depth of New Winning \_\_\_\_\_ 250  
A Cross Level to the dip of Colliery at this Level, will Cut the Main Band at 2 miles under the Sea.

M<sup>r</sup>. Piele proposes to Spend 8 Years in Sinking the Pits, and if the Cross-level Stone Drifts have to be driven all from one – they will Require 25 Years to complete them. The expence of the whole is estimated at £

West  
Cramlington

Ap. 5<sup>th</sup>. Thursday Went to W. Cramlington with M<sup>r</sup>. Th. Taylor this morning, and Set out the place of the new Winning – but a Bore-hole must be put down to the Stone-head, before the Pits are broken

Fenham Coal  
meeting with  
Mess<sup>rs</sup>. Straker  
and Moor

Ap. 6<sup>th</sup>. Friday Met Mess<sup>rs</sup>. Straker & Moor M<sup>r</sup>. Ords' Land Steward at Fenham, to look at the Site for the Winning, as fixed by M<sup>r</sup>. Straker and myself on 30<sup>th</sup>. Ultio. this Site is in a field Sold by M<sup>r</sup>. Ord to M<sup>r</sup>. Ja<sup>s</sup>. Archbold with – any reservation for Sinking Pits – consequently we cannot Sink in this Situation unless an Agree<sup>t</sup>.

1838

51.

is first made with Archbold – either by Purchase or or Lease. M<sup>r</sup>. Moor took upon himself to treat with Archbold for this Purpose. If a Satisfactory agree<sup>t</sup>. cannot be made with Archbold, then an endeavour is to be made to make an arrangem<sup>t</sup>. with M<sup>r</sup>. Adair & the Benwell-Owners, for leave to Sink in Benwell and to work the Fenham Coal by Outstroke. Until the result of those measures is to ascertained, our negotiation for taking the Fenham Coal of M<sup>r</sup>. Ord, must remain in Abeyance.

The Mill Pit Elswick Colly. is about 1250 yards from the Site of the intended near Pit, in Fenham – working the Fenham Coal, by outstroke from the Mill Pit, is, therefore, out of the question. The only use that can be made of an Outstroke will be for a Water-course.

Mess<sup>rs</sup>. Straker, Moor, Hindhaugh & Self dined at the Turks'-head.

Fine Arts  
Society

Attended a Comm<sup>ee</sup>. Meeting of the Fine Arts Society when it was agreed amongst other things that I Should



endeavour to find out through a private channel if it would be agreeable to the Duke of Northd<sup>d</sup>. to become the Patron of the Society.

Spent the Evening at M<sup>r</sup>. MacKreths'

---

1838

52.

- E. Holywell Co. Ap. 7<sup>th</sup>. Saturday Attended a meeting of the E. Holywell Co. when a Cash advance of £600 was made, being the 1<sup>st</sup>. Paym<sup>t</sup>. towards the expence of the New Winning.
- Coal-trade Committee Attended a meeting of the Coal-trade Comm<sup>ee</sup>. when the motion of M<sup>r</sup>. B. Thompson 3 Sub-Comm<sup>ee</sup>. were appointed, to attend to the Finances, the Vends, and the Weight of the Coals.
- Iron Stone M<sup>r</sup>. Jasp. Gibson called upon me, with a prop<sup>n</sup>. for the Iron Stone in Chipchase Estate, from M<sup>r</sup>. B. Thompson, for my opinion thereon.  
Walls-end in the Evening.
- Ap. 8<sup>th</sup>. Sunday At home
- Backworth Ap. 9<sup>th</sup>. Monday Viewed Backworth B. Pit The Great North Rolly-way, is begun – it Starts at 45 yards N.W. of the Shaft, and is to cut the N. Berwick Law District at about 1200 yards. This Rolly-way Cross-cut will become the main Line of communication for working all the Coal in the N.W. Part of the Colliery  
Are working better than  $\frac{2}{3}$ <sup>ds</sup>. of the quantity out of the Pillars at present. Nothing can be more effectual than the working of the Pillars as the whole of the Coal is got.  
Went to Pensher in the Afternoon in my

1838

53

- new 4 Wheeled Gig. It is a very comfortable Carriage but will I am apprehensive be rather heavy for the Horse.
- The Ship Elizabeth Called on board the Ship Elizabeth, which has taken in a quantity of Goods, at the high Crain Newcastle, for Sidney – Cape Breton & Putan, for the Gen<sup>l</sup>. Mining Association. The Weight will be nearly 200 Tons – but it is chiefly Cast Iron Pumps Engine Materials & Iron Work, and lies heavy in the Ships bottom. The Capt<sup>n</sup>. Pearson does not feel at all comfortable about the trim of the Vessel, as from the weight lying So low in the hold, he thinks She will be laboursome & Strain heavily, if he encounters any bad Weather, which he is almost Sure to do, so early in the Season.
- Books Sent to M<sup>r</sup>. F. Carr I Sent the following Books to M<sup>r</sup>. F. Carr at Sydney by the Vessell. Barlow on the Strength of Iron & Timber. Book of Knowledge, Engineers Encyclopedia, Philips' Million of Facts.
- L<sup>d</sup>. Durham Went to Pensher in the Afternoon. M<sup>r</sup>. Morton came in the Evening. Lord Durham has not yet got to Lambton, being detained in London by indisposition. His Ldp. Is coming to See his
-

1838

54.

M<sup>r</sup>. Ra.  
Lambton

his Uncle M<sup>r</sup>. R. Lambton, who is very ill in consequence of a fall from his Horse in hunting. His Spine is injured & his lower extremities are Paralysed. His Water has to be taken off 2 or 3 times a day by a Catheter.

The 16<sup>th</sup>. Ins<sup>t</sup>. is the day named for Lord Durham leaving London for Canada. All his Family go with him.

Durham

Ap. 10<sup>th</sup>. Tuesday. Spent the mornng. at Pensher. Went to Durham to See Gregson and peruse the Agree<sup>t</sup>. for the Sale of Herrington and the Baronet's Estate to L<sup>d</sup>. Durham - to See that the reservation of the Way-leave to Lord Londonderry, was Sufficient and ample

Gregson

M<sup>r</sup>. Gregson was from home – So I proceeded to Bishop Auckland, and dined with M<sup>r</sup>. Gresley.

M<sup>r</sup>. GresleyM<sup>r</sup>. Th.  
Davison

Met M<sup>r</sup>. Th. Davison at M<sup>r</sup>. Gresley's and informed him of Peacock's trespass on Walls-end Green, as well as his In-croachment on the N. Lane. He considers that Peacock has no Right whatever to encroach on either the Lane, or the Green, and that any Person has a

Peacock's  
Trespass

1838

55.

right to pull down fences which he has put up. With respect to the Green he Promised to write to Stoddart the Dean & Chapter Bailiff at S<sup>o</sup>. Shields – to direct him to call upon Peacock, and or due him to Remove the Fence which he has Put up, and if he did not do so, to do it by Force.

Division  
of Coal  
hold under  
Etherley Lease

Had a general conversation in the Eveng with M<sup>r</sup>. Gresley, on the Bishop's Colliery Affairs. The Etherley Lessees, wish to divide the Lease into 3 Portions – viz. Etherley Bitchburn, and Breessleton. This there can be no objection to on the part of the Bishop to Sanction, as it is more likely to benifit the see, than otherwise.

Auckland  
Coal-field

Ap. 11<sup>th</sup>. Wed. Went from Bishop Auckland to Etherley Colly. Office this Mornng. where I Met M<sup>r</sup>. Elliott, M<sup>r</sup>. Stobarts' Viewer, and Mich. Forster M<sup>r</sup>. Prattman's Viewer from both of whom I received much information relative to the Auckland Coal Field. M<sup>r</sup>. Prattman called upon me at Etherly & mounted me on one of his horses. I then proceeded with him & M<sup>r</sup>. M. Forster, by Toft Hill, to Gordon, Nerwood, Lands, Cockfield-Fell & Butterknowl Collieries, to examine the

1838

56.

Whin Dyke & Slip dykes with other Geological objects, in that part of the Coalfield.

Met Mess<sup>rs</sup>. Elliott, Forster & Seymour at dinner at M<sup>r</sup>. Prattman's, Copley Lodge, and conversed

M<sup>r</sup>. Geo .  
Dixon.  
Called old  
Geo. Dixon

with them on various matters connected with the  
Geology of the Auckland Coalfield.

At Cockfield I saw old M<sup>r</sup>. Geo. Dixon the  
only Survivor of the old family of Dixons of  
Cockfield, who in the beginning of the last Century  
were the principle Coal-owners in the Auckland  
district. They were a family of Quakers, and  
Possessed great ingenuity, and Knowledge in their  
Line. About the year 1775 they made Coal-tar  
and Coal Gas – the tar they Sold to Sunderland  
to Ship-builders &c. but they merely lighted  
their Garden with the Gas, as a matter of curi-  
osity. They used Wooden boxes for their Gas Pipes  
and Hemlock Stalks for the Small Pipes and  
burners. Jer<sup>h</sup>. Dixon Uncle to the old man  
was a first Rate, Self taught Mathematician  
of his day. He was employed Govern<sup>t</sup>. in  
measuring a Degree of Longitude in Virginia  
and in observing a transit of Venus.

Old M<sup>r</sup>. Dixon Knows more of the Auckland  
Coalfield than any other Person, but being

1838

[56a bound into the note book]

For John Buddle Esq<sup>re</sup>.

The Stones that were found in the Coal at Cockfield Fell Colliery  
In the Main Coal Seam were only found about a Foot from the  
Bo[t]tom of the Seam, they were an Ovelish Form of different  
Sizes from 3 Inches to the size of a Cobler's Lap Stone  
most of them were very hard Flinty Stones, and also of other  
Kinds, having the appearances like Stones found by <sup>Q</sup> River Sides  
and as if they had been in Motion by Water a Long Time  
so as to acquire that Form, as most of the Stones were so very  
hard and 'Hinley, and they were black & bright as if they had  
been varnished, which hath the appearance if the Coal had been  
in Fluid State, no Stones were found like these in any other Part  
of Cockfield Fell, nor non found in any other Colliery in the  
the Neighbourhood, except one that was found in the Yard  
Seam as Woodhouse Colliery near S<sup>t</sup>. Helen Auckland  
[Flu] Pit where the Stones were found at Cockfield was 23 Fathoms.  
The Stones were only found by the Workmen, some Days  
near the bottom of the Seam, the Stones were found in the Coal  
~~A great way from the Bl[—], the Coals great- way from~~  
the Dyke being very, bad being what the Workmen called  
Short Coal having lost its Quality by the Dyke for Burning  
next the Dyke the Coal is become a Cinder

George Dixon Sen<sup>r</sup>.

Cockfield

4<sup>th</sup>. Moth 19<sup>th</sup> 18[33]

1838

57.

In his 79<sup>th</sup>. Year his memory is not quite perfect  
still he can give good information respecting  
it, and possesses many notes and memoranda  
relative to the Collieries & dykes &c. in the

district. He is a respectable looking old man but I was Sorry to find him, almost in a State of destitution, being totally dependent on the bounty of his Son & a married daughter who are not in affluent circumstances. He is at lodgings in the Town of Cockfield, in a Single mean Room, hardly affording the necessary convenience, much less the comforts of life. He with his brother John, who died Some years ago, inherited Severn Colly. Leases from their Father & Uncle & were of one time considered opulent. But by some means or other they became reduced in the World.

George has a Son of the Same name who is now a Colliery Manager, at Evenwood, and other Situations.

S<sup>t</sup>. Helen's  
Seams underly  
the  
Black Boy

Mr Dixon Says he has Satisfied himself that the S<sup>t</sup>. Helen's Main Coal, under lies the Black at about Boy Main Coal of about 73 Fathoms below it

M<sup>r</sup>. Dixon Says his Father & Uncle, also made Cop[fenas] at Cockfield-Fell Colliery.

---

1838

58.

Ap.12<sup>th</sup>. Thursday. M<sup>r</sup>. Prattman bro<sup>t</sup>. me to B\_p. Auckland in his Phaeton this mornng. from whence I proceeded to Durham in my Cab Phaton, to confer with M<sup>r</sup>. Gregson on Lord Londonderry's business. I then proceeded to Pensher to a late dinner.

Ap.13<sup>th</sup>. Friday Good Friday. Went from Pensher to Walls-end to Breakfast.

Monkwear-  
mouth Colly.

Received the following information relative to Monkwearmouth Colly. from Geo. Elliott, the Viewer of the Colliery.

The actual depth from which the Coals is drawn, is 282 Fathoms

The Coals are drawn in Sheet Iron Tubs which carry 90 Pecks of Coals each – the Tub weighs 13 Cw<sup>t</sup>. Min s<sup>ds</sup>.

Can draw and teem a Tub in 2 .. 10 Draw from 44 to 50 xx. P. day of 20 Peck Corves-Say 270 to 300 Tons P. day - Single Shift. Cannot go double Shift, as from the injury done to the Shaft by the Tubs during the day – the whole night is required to repair it. The Ropes are tapered – they are Flat Fours. 8½ In. broad and 2 In. thick at the upper end, and 6 In. broad at the lower

1838

59

Tons Cw. qr.

end – each Rope Weighs 4 – 16 – 2.0 a Rope lasts from 10 to 12 Mo<sup>s</sup>. They always fail first within 40 or 50 Fath<sup>s</sup>. of the upper end. They are frequently Spliced, or hinges. The top end of each Rope contains 1248 Threads – the bottom end 660.

Monkwear<sup>th</sup>.  
Colliery

The diam of the Rope Roll for the 1<sup>st</sup>. Lap  
F. In.

is 14 – 3 — 27 Laps draw a Tub.

The Machine Cylinder is a dble. 42 In. – Condenser Called a 66 Horse Power.

The Pulleys are 10 F<sup>t</sup>. Diam. The Rope Roll is on the first motion.

Counterbalance Stop 16½ Fa. with an Incline Plane 72 Yd<sup>s</sup>. long Weight in Stop 5 Tons – 10 Tons on the Plane – equivalent to 7 P[arf].

The Bat<sup>er</sup>. Roll is 18 In. Diams for the first Lap.

Elliot Says there is very little inflammable Air in the Colliery; but the Ventilation is very inefficient. As in the first place they cannot keep a powerful Furnace going, on Acco<sup>t</sup>. of the Shaft, being So much injured by it, and in the next place, they are not allowed Bricks for the Stoppings, which are only made of the

---

1838

60.

Monkwear-  
mouth Colly.

Pit Stones and Scale so much that they can not get the Current of Air carried inby to the working places. The Air-course in the workings is therefore very Faint. The re- turn at the Shaft is very clean – but there is a heavy Shew on the Candle in Some Places in the Return from the Workings and before the Return Air gets mixed with the Scales. This is certainly a very unsatisfactory and dangerous State, and it will be well if some dreadful accident does not happen.

The Winnings are 40 yards – 36 Wall, and 4 Board. The Walls holed at      Yards  
                                Yards Wide

Ap.14<sup>th</sup>. Saturday At Newcastle.

Dined with Donkin at Jesmond.

Ap.15<sup>th</sup>. Sunday At home. Mess<sup>rs</sup>. Will<sup>m</sup>.

Hutton & R. MacKreth dined with us.

Holywell  
Colliery

Ap.16<sup>th</sup>. Monday Viewed Holywell Colly.  
the N. exploring drifts going N. of the Site of the New Pit in Clennells' Gro<sup>d</sup>. are Still dipping to the N. at the Rate of 1¼ In. P. yard, with 4 tubs of Water an hour

1838

61.

Have now got all ready for beginning to put in the Slides into the Pits for the Tub System The Pits to be Stopped on the 18<sup>th</sup>. at the end of the Pay to put in the Slides

The Tubs are to carry 24 Pecks of Coals or 7<sup>1</sup>/<sub>5</sub> Cw<sup>t</sup>. They are of the following dimensions

Sheet Iron  
Tubs.

	F.	In.
Inside – Length	— 3	.. 2
Breadth	— 2	.. 6
Depth	— 2	.. 3

	F.	In.	F.	In.		
The Cages are	3	.. 10½	long, by	3	.. 7	wide, and
Weight	6	Cw <sup>t</sup> .	each.	Cw.	q <sup>r</sup> .	lb.

The Tubs Weigh — 2 .. 2 .. 0 each

The Trams ——— 0 .. 3 .. 0 d<sup>r</sup>.

The Tubs are to bring 24 Pecks of Coals to bank, and are therefore made to hold about 25½ Pecks. Cub. In.

The Content of the Tubs is 38 X 30 X 27 = 30780 or 17.8125 Cub. Feet.

Killed A little Boy of Rob<sup>t</sup>. Cowpers 3 years old was Killed on the 11<sup>th</sup>. Ins<sup>t</sup>. by a Ballast Waggon, at Holywell Colliery running over him.

Ap.17<sup>th</sup>. Tuesday Viewed the Beaumont Seam Beaumont Pit Benwell Colliery.

Ap.18<sup>th</sup>. Wed, At home made progress with my Paper, on the Geology of the Newcastle Coal-field.

1838

62.

Meeting of  
United  
Committees

Ap.19<sup>th</sup>. Thursday Attended a meeting of the United Committee at Chester-le-Street. The Subject of a Subscription towards defraying the expences of the British Ass<sup>n</sup>. in Aug<sup>t</sup>. next was discussed, and the Comm<sup>ee</sup>. were of opinion that the trade Should Subscribe £500. Returned to Walls-end in the Evening.

Subscription  
to  
British Assoc<sup>n</sup>.

Fine Arts  
Society

Ap.20<sup>th</sup>. Friday At home morning - At Newcastle in the Evening and attended a Meeting of the Fine Arts Society.

Duke of  
Northumberland

The Duke of Northumberland has Subscribed £500 to the Committee, to defray the expences attending the meeting of the British Ass<sup>n</sup>.

Ap.21<sup>st</sup>. Saturday At Newcastle. Collected the duplicates of the Invoices of the Goods Shipped for the Gen<sup>l</sup>. Mining Ass<sup>n</sup>. on board the Elizabeth, for Cape Breton & Pictou, to Send to the Board in London.

M<sup>r</sup>. Bayley  
Sale of  
Etherley &  
Ditchburn  
Collieries

Took Bat & Mary Fryer to Walls-end in the Afternoon.

M<sup>r</sup>. Bayley Solicitor, Stockton called upon me to consult me as to the value of Breesleton Colly. In the course of Conversation

1838

63

he informed me that M<sup>r</sup>. P[ieres'] Trustees had Sold the Bitchburn division of the Etherley Colly. to Ed. Backhouse for £20,000 – the Etherley division to another Party with whom M. Stobart is connected for £20,000 and the Breesleton division remains unsold at present, but they have a Prospect of Selling it. He is Satisfied with the amo<sup>t</sup>. of the Fine £2600 Set by the Bishop for renewing a Life in the Lease.

Holywell

Ap.23<sup>d</sup>. Monday At Holywell Colly. Begun to put the Slides for drawing the Coals in Sheet Iron Tubs, into the Pits on the 20<sup>th</sup>. Ins<sup>t</sup>. Are making good progress with the Work and expect to complete it by the 27<sup>th</sup>.

Have got the Stone-head in the Sinking Pit, at E. Holywell at 13 Fathoms.

Election of  
Secretary  
to the  
Infirmary

Ap.24<sup>th</sup>. Tuesday Attended the Election of a Secty.  
to the institution, at Newcastle Infirmary  
to Succeed M<sup>r</sup>. Winch who has Resigned.

There were 3 Candidates viz. M<sup>r</sup>. Young, M<sup>r</sup>. Loraine  
and M<sup>r</sup>. H. Rankin – all Attorneys – M<sup>r</sup>. Young was  
Proposed by M<sup>r</sup>. Bigge & Seconded by M<sup>r</sup>. W<sup>m</sup>. Chap-  
man. M<sup>r</sup>. Loraine was Proposed by M<sup>r</sup>. P. Ellison  
and Seconded by \_\_\_\_\_ And M<sup>r</sup>. H. Rankin was  
Proposed by the Rev<sup>d</sup>. W<sup>m</sup>. Turner & Seconded by  
Myself

1838

64

At the close of the Ballot, the numbers were  
for Young 183 – Loraine 118, Rankin 42,

Stella  
Colliery

Went to Stella, and ex<sup>d</sup>. the Seam of Coal  
Sunk to at the depth of 35 fath<sup>s</sup>. in the new  
Winning Pit, in M<sup>r</sup>. Towneley's Freehold. The  
Seam is 3 F<sup>t</sup>. thick of clean Coal, of good quality  
and of tolerably firm texture, but very wet.

It is uncertain what this Seam is, and it can-  
not be identified until it is ascertained whether  
the Pit is on the dip, or Rise Side of the main  
dyke. Went to Pensher in the Evening.

Rainton

Ap.25<sup>th</sup>. Wed. Examined the Works at Rainton  
Colly. this morn<sup>g</sup>. Attended the monthly Board  
at N. Hetton, and went to Seaham Harbour  
in the Afternoon.

Pittington

Ap.26<sup>th</sup>. Thursday At Pittington in the Morn<sup>g</sup>.  
measuring the Colly. Plan and estimating the  
quantity of Coal remaining to be worked

Walls-end in the Evening.

Literary Club

Ap.27<sup>th</sup>. Friday Home all the morn<sup>g</sup>. at  
Newcastle in the Evening, and attended the  
Monthly meeting of the Literary Club.

Ap.28<sup>th</sup>. Saturday Attended a C.T. Comm<sup>ee</sup>.  
meeting – to consider Jo<sup>s</sup>. Hume's proposed

1838

65.

resolutions & Report on the Coal trade

Hooker-gate  
Farm

Signed notice to Wilkinson to quit the Hooker-  
Gate Farm.

Ja<sup>s</sup>. Hume's  
Report

Ap.29<sup>th</sup>. Sunday Met Mess<sup>rs</sup>. R.W. Brandling  
Ben. Thompson & Phillipson at Donkins' Jes-  
mond to prepare answers and objections to  
Ja<sup>s</sup>. Hume's Report on the Coal-trade

R<sup>t</sup>. Atkinson

Ja<sup>s</sup>. & Cha<sup>s</sup>. Fryer with Sisters dined with  
us. Rob<sup>t</sup>. Atkinson called upon me

Holywell  
Colly.

Ap.30<sup>th</sup>. Monday Viewed Holywell Colly  
started Work with the Iron Tubs this morn<sup>g</sup>.  
The E. Shaft has Wooden Slides for the Ca[ges]  
the W. Shaft has 2 Iron Rods – So far

Clennells'  
exploring  
Drift

as can be judged in the commencement the  
Iron Rods will have a Preference.

Walling of  
new Pit E.

The N. exploring drift in Clennells' Coal is  
now going nearly level – this drift has now  
become very expensive from the quantity of  
Water which has to be lead-out of it. The Coal  
is very good. The enabling of the new Pit

Fa. F<sup>t</sup>.

Holywell

in Clennells' Gro<sup>d</sup>. Has commenced at 171 .. 41 from The Surface, but the Foundation is not good and the wall will have to be und[ureted], when a better foundation can be got.

---

1838

66.

Benwell

May 1<sup>st</sup>. Tuesday. Met Mess<sup>rs</sup>. Surtees & Dunn, at Benwell. I decided to build 2 new Cottages in line of the two old thatched ones which are to be pulled down by the Railway Co.

Haydon Bridge

Proceeded to Haydon Bridge by the Eveng. train with M<sup>r</sup>. Sopwith – on my way to examine S<sup>r</sup>. Edw<sup>d</sup>. Blakett's Coal-field at Matfen.

Met M<sup>r</sup>. Sample Sir Edw<sup>ds</sup>. Agent at Haydon Bridge.

S<sup>r</sup>. Edward Blakett B<sup>ts</sup>. Manors.

May 2<sup>d</sup>. Wed proceeded with Mess<sup>rs</sup>. Sopwith & Sample to the examination of S<sup>r</sup>. Ed. Blakett's Manors of Henshaw, Melkridge, & Ridley. The two former however occupied our attention all day so that I was obliged to deter the exam<sup>n</sup>. of Ridley Manor to a future opportunity.

The Henshaw & Melkridge Manors lie on the N. Side of the S<sup>o</sup>. Tyne and rise in ascending Ridges or undulations southward to the Basable Ridges called the "Great Whin Sill" from whence the ground falls northward in Rude terraces or echellons, with great undulations

The Great Whin Sill lies about from the Tyne taken in a line thro' the village of Henshaw in which space you cross over the Crop of the whole Series of Strata between the Millstone grit, and the Great Whin Sill. The Crops of the principal Strata are indicated by the Ridges

1838

67

and undulation of the Surface.

there is a fine exhibition of the When Sill at the "Caw Gap" - a gorge passing thro' it but the finest exhibition of it which I Saw, is a Steep escarpment which lies between a paltry Farm-house called the Peel, and a narrow Gorge passing Through it called the Milking-gap. The Basalt, wears rather a rude Columnar aspect here.

John Thompson

Called upon John Thompson at – this is a humble individual of an amiable disposition and unassuming manners, but of considerable reading, and acquirement in various branches of Science – particularly in Botany & Geology. He is A Bachelor – lives with his brother's family, and carries on the business of a Miller with his brother

The high grounds of those Manors have a bleak moorish appearance, yet they afford a Species of Pasturage, on which the Galloway breed of Cattle thrives very well, and the Farmers make their rents of the Butter & Cheese, which they produce. The butter is of excellent quantity.

Slept at Haydon Bridge

May 3<sup>d</sup>. Thursday Started from Haydon Bridge



at ¼ Past Seven in the Mg. and arrived at Newcastle to breakfast at ½ Past Nine.

Attended a Meeting at Donkins Office to

---

1838

68.

Church  
Leases

discuss the principle we Should adopt in the event of our being called upon to give evidence before the Church lease Committee Present Mess<sup>rs</sup>. Donkin, Th. Davison, H. Taylor, N. Wood and Morton.

It was agreed that we Should maintain the equitable right of the Lessees to have their Leases renewed.

That the Church was entitled to the full value of the property. And that the tenants Should [h]ave the Preemption in the purchase of their Leases of the Mines at a valuation – of their Fee-Simple worth – deducting the value of their term in possession.

Fine Arts  
Society

May 4<sup>th</sup>. Friday At home all the Mornng. went to Newcastle in the Afternoon & attended a meeting of the Fine Arts Society in the Evng.

M<sup>r</sup>. Lloyd

May 5<sup>th</sup>. Satdy At Newcastle. M<sup>r</sup>. Lloyd from Flintshire called upon me with a Letter of introduction from S<sup>r</sup>. H. Browne begging my assistance in obtaining a Settlement of an Acco<sup>t</sup>. current between him & the late M<sup>r</sup>. Naters with M<sup>r</sup>. Mather & J. Clayton.

I went to M<sup>r</sup>. Clayton's office with him & met M<sup>r</sup>. Mather there when after Some

1838

69

discussion we got the matter Settled and M<sup>r</sup>. Lloyd Rec<sup>d</sup>. a Bal<sup>ce</sup>. of upwards of £240. which closed the transaction.

Carlisle  
Railway

I got a final Settlement for my claim on the Carlisle Railway Co. for compensation for the Railway passing thro' my Estate at Benwell, and Received £1365 for the Same May 6<sup>th</sup>. Sunday At home Mornng. - dined with M<sup>r</sup>. Easterby, it being his birth-day when he entered his 83 year. M<sup>r</sup>. Sopwith and R. Atkinson dined at M<sup>r</sup>. E\_'s. also –

M<sup>r</sup>. Easterby

May 7<sup>th</sup>. Monday Attended a Coal-trade Comm Meetg. At Newcastle on M<sup>r</sup>. Pease's communications from London on the Subject of Labouchere's Report, & from a meeting of Coal-Owners held in London, on that & other bus<sup>s</sup>. When it was Resolved that M<sup>r</sup>. Donkin Sh<sup>d</sup>.

Coal-trade  
Committee  
Meeting

Start for London, in the mornng. so as to meet the Coal-owners, there next Friday, and that Nick. Wood and I Should follow him on the 16<sup>th</sup>. Attended a meeting at Donkins Office also, on the Church Lease question – Present Mess<sup>rs</sup>. Brandling, N. Wood, Donkin, Phillipson and Morton. Went to Pensher in the

London

1838

70

afternoon with my Sister.

May 8<sup>th</sup>. Tuesday Rec<sup>d</sup>. Intelligence this mornng

M<sup>rs</sup>. Atkinson  
ill of typhus  
Fever

that my Sister M<sup>rs</sup>. Atkinson was very ill. My Sisters Burnet & Ann, went to Fulwell to see her. They found that She had been exceedingly ill & nearly in a State of insensibility for Several days. They Sent for D<sup>r</sup>. Brown, who pronounced the Complaint to be typhus fever and that She was in great danger.

Went to Seaham Harbour. Have got a good deal of Limestone Rubble thrown over the N.E. Pier, and are proceeding with preparations for commencing the building of the pier-head as Soon as the Weather will permit

Killed

May 10<sup>th</sup>. Thursday Rob<sup>t</sup>. Bland, Sinker Killed this morning in the Shiney-Ror Pit Pensher Colliery. He was employed with other two men, in putting the Slides into the Shaft for the apparatus for drawing the Coals with tubs. They had 2 Cradles hung on Ground Ropes – one on each Side of the middle bunter when the Cradles were to lowered, as

1838

71.

they were working downwards – the men Stood upon one of the Cradle, while the other was being lowered. In lowering the Cradle on this occasion however Bland refused to get off it with the other two men, and in lowering it the ground Rope Surged round the leg of the Pulley-frame, and the Cradle ran amain with him, when by a Kink in the tail end of the Rope, it was Suddenly Stopped and the jerk threw Bland off – when he fell nearly 30 Fath<sup>s</sup>. to the bottom, and was Killed. They were working at about 30 fath<sup>s</sup>. from the top of the Pit, and the Cradle ran amain for about 60 fathoms.

Tanfield-moor

Went to Tantobie to breakfast – did business at Tanfield-moor Colliery, and then proceeded to Lanchester Common, and investigated the affair of Sinking a new Pit, and other business

Lanchester Common

Returned to Pensher in the Evening.

M<sup>r</sup>. F.B. Taylor

May 9<sup>th</sup>. Wed. Examined the works at Rainton Colliery – the auxiliary pumping Engine at the Resolution Pit, will be ready to Start tomorrow

Went on to Durham to meet M<sup>r</sup>. F.B. Taylor to endeavour to get a Settlement with him of the Rate of tentale to be paid for the Small

1838

72.

Coals at Lanchester Common, but could not agree with him. I am to See the directors of the Stanhope & Tyne Co. on the Subject when I go to London, next Week.

M<sup>r</sup>. Hodgkin's Opinion

Called upon M<sup>r</sup>. Gregson, and got M<sup>r</sup>. Hodgkin's opinion, which he had taken, as to L<sup>d</sup>. Londonderry's Right to work the Coal from under Houses & other buildings made on the Allotments, on Gilleygate-moor.

M<sup>r</sup>. Hodgkins is of the opinion that under the Powers of the division Act. Lord L. is entitled to work the Coal, under Such build<sup>s</sup>.

Sheet Iron  
Coal Tubs

Dimensions of a 20 Peck Sheet Iron Tub made at Walls-end by Ja<sup>s</sup>. Robinson for Coxhoe Colliery viz F. In.  
Length Inside ——— 3 .. 3  
Width ————— 2 .. 6  
Depth ————— 1 ..11

M<sup>rs</sup>. Atkinson continues exceedingly ill with little hope of Recovery.

Tanfield-  
moor

May 10<sup>th</sup>. Thursday At Tanfield-moor and Lanchester Common in the morning – returned to Pensher in the Evening.

May 11<sup>th</sup>. Friday Went to Newcastle in

1838

73.

the afternoon. Attended a meeting of the Fine Arts Society in the Evening. M<sup>r</sup>. Bell Read a good Paper on the history & progress of the Fine Arts, amongst the Egyptians, Greeks and Romans.

Special  
Coal-trade  
Comm<sup>ee</sup>.

May 12<sup>th</sup>. Saturday At Newcastle. Attended a meetg. of the Special Comm<sup>ee</sup>. of the Coal-trade, relative to the Factor's Regulation and other matters.

May 13<sup>th</sup>. Sunday At home – made progress with my Geological Paper on the N.Castle Coal-field.

Holywell  
Colliery

May 14<sup>th</sup>. Monday Met M<sup>r</sup>. T. Taylor at Holywell Colly. when from the continued dipping of the N. exploring Drifts in the Clennells Coal. We decided to Suspend the drifts and the Sinking of the new Pit, until another exploring drift is driven out of

Which is        yards further North to explore the Dyke, and Coal in Clennells Gro<sup>d</sup>. at that Point. At Percy-main in the Afternoon

May 15<sup>th</sup>. Tuesday Breakfasted at Stella with Ths. Hall. Visited the New Winning at Stella At Benwell Colliery. Took my place in the Highflyer for London in the Mornng. at ½ Past Nine.

1838

74.

Journey to  
London

May 16<sup>th</sup>. Wed. Started from N.Castle in the Highflyer at ½ Past 9 o ' Clock this Mornng.

May 17<sup>th</sup>. Thursday Arrived at the White-House Fetter Line this Evening, a little before 8 o ' Clock In the mornng. of yesterday we had Snow Sleet and Rain, and the weather continued exceedingly Cold 'till we got to York at Seven in the Eveng. It then became more mild, and continued so 'till 3 o ' Clock in the mornng. when a hoar frost Set in with a great degree of Cold, and continued all day altho' the Sun Shone very bright the greater part of it.

London

Observed the grass and Wheat to be further advanced near London than in the North.

but it is only here & there that the Lelaes & Laburnums are beginning to flower, and the Horse Chesnuts are little if any further advanced than they are at Lambton.

Queen's Birth-Day.

This being the Queen's Birth-day, the Streets were partially illuminated at the West-end it appeared as if only the Queen's tradesmen and the Club-Rooms, and Some other Public buildings were lighted – nothing very Splendid that I Saw was exhibited  
May 18<sup>th</sup>. Friday Donkin called upon me this mornng. and informed me of the communications which he had, had with Mess<sup>rs</sup>.

1838

75.

Labouchere Committee

Pease, Bell & Labouchere, relative to the report of the Comm<sup>ee</sup>. on the Coal-trade. Labouchere the Chairman of the Committee approved of the Suggestion of the clause restrictg. the time to 14 days, for a Ship to lie in the River for the Sale of her Cargo – after which if not Sold to be compelled either to go into a dock, or down the River below Gravesend  
The Committee are to meet next Wed. the 23<sup>d</sup>. Ins<sup>t</sup>. to make their Report.

Mess<sup>rs</sup>. Brandling & Donkin breakfasted with me & N. Wood joined in Soon afterwards – when it was agreed that we Sh<sup>d</sup>. have no official Communication with the Coal Factors, 'till after the Comm<sup>ee</sup>. (Labourers has made its' Report next Wed.

M<sup>r</sup>. M<sup>c</sup>. Donnell

Waited upon M<sup>r</sup>. M<sup>c</sup>. Donnell, and had a long discussion with him on Lord Londonderry's Affairs

Death of M<sup>rs</sup>. Atkinson

Rec<sup>d</sup>. a Letter from Rob<sup>t</sup>. Atkinson to inform me of the death of his Mother – my Sister which took place at 4 o' Clock P.M. on Wed. the 16<sup>th</sup>. She died of Typhus Fever.

Meeting of the Stella Grand Lease Owners

May 19<sup>th</sup>. Saturday Attended a meeting of the Stella Grand Lease Colliery, at M<sup>r</sup>. John Clayton's Lodgeings N<sup>o</sup>. 7. Suffolk Street Pall-Mall East Present Mess<sup>rs</sup>. Towneley, Silvertop, Donkin, and Clayton. M<sup>r</sup>. M.W. Dunn having Signed

1838

76.

an Agree<sup>t</sup>. for a Reference, to leave it to Mess<sup>rs</sup>. J. Clayton & H. Taylor, to decide what Share of that Part of the Colly. which is let to M<sup>r</sup>. Potter, he is to hold in Partnership with M<sup>r</sup>. P. not exceeding ¼<sup>th</sup>. And having also engaged by writing a Letter to M<sup>r</sup>. Clayton, to join the other Lessees, in letting the remaining Part of the Royalty.

It was resolved 1<sup>st</sup>. that on M<sup>r</sup>. Clayton's Return to the North, which will be in the Course of a few days, he is to proceed forthwith with the Reference – to Settle the Acco<sup>t</sup>. of the Share which M<sup>r</sup>. Dunn is to hold as a Co. Lessee & Partner with M<sup>r</sup>. Potter. And  
2<sup>dly</sup>. that on Donkin, and myself Returning to

the North, we Should proceed with M<sup>r</sup>. Clayton to divide the remaining Part of the Colliery (not Let to Potter) into Such Lots for letting to other Parties as we might think most expedient

M<sup>r</sup>. Donkin to see M<sup>r</sup>. Blackett, before we leave Town to ascertain whether he means to Retain the W. Part of the Royalty, or to give it up.

M<sup>r</sup>. Towneley  
Extension of  
terms of  
Way-leave

I Spoke to M<sup>r</sup>. Towneley to grant us the use of the Site of the old Waggs Way & Staith at Stella, for an extended period beyond the 4 Years. This he Said he would willingly do, but wished to know for what length of time I wished the extension. I

1838

77

was not prepared to State this, but told him that I Should write him on the Subject when I returned to the North, and consulted my Partners upon it.

Council  
Chamber  
Mr. Bethuin

Called upon M<sup>r</sup>. Bethuin at the Council Offices with Donkin to inquire when the Church Lease Comm. w<sup>d</sup>. meet. He Said he had nothing to do with this affair at present, and referred as to the Chancellor of the Exchequer, or his Private Secty. We then went to the Chancellor of the Exchq<sup>rs</sup>. Office, but he was occupied with a Deputation and we could not See him.

M<sup>r</sup>. Milne  
Office of  
Woods

I then called on the Office of Woods to See M<sup>r</sup>. Milne to inquire when the Dean Forest Bill was likely to go to Committee. M<sup>r</sup>. Milne told me that the proposed Bill was So Satisfactory to all Parties interested generally, that M<sup>r</sup>. Gardener was of opinion it would be Passed without going into Comm<sup>ee</sup>. up-Stairs, in which Case, no examination of Witnesses would be Required. M<sup>r</sup>. Milne however very much doubted this. It will be decided in a few days, if the Comm<sup>ee</sup>. will go into a Comm<sup>ee</sup>. above Stairs, - if it Should be so decided he thinks the Comm<sup>ee</sup>. will Sit about next Wed. Week the 30<sup>th</sup>. Ins<sup>t</sup>.

1838

78.

Waterloo  
Colly.

May 20<sup>th</sup>. Sunday Spent the morn<sup>g</sup>. in analysing M<sup>r</sup>. Harrison's Valuation of the Waterloo Colly. near Newport in Monmouthshire, and to give my opinion thereon, to M<sup>r</sup>. Dodd, the Sol<sup>r</sup>. of Monmouth, in Case of Reference.

M<sup>r</sup>.  
Ramsay

Dined with M<sup>r</sup>. Ramsay the Artist at N 12 Newman S<sup>t</sup>. Street

M<sup>r</sup>. Groom

Met Mess<sup>rs</sup>. Donkin & Ch. Rayne there  
May 21<sup>st</sup>. Monday Waited on M<sup>r</sup>. Groom

M<sup>c</sup>. Donnell

at ten this morn<sup>g</sup>. with N. Wood, to explain the affairs, or rather the Situation of Pittington Colly. in Reference to its connection with Rainton

M<sup>r</sup>. H.  
Lambton

Called upon M<sup>r</sup>. M<sup>c</sup>. Donnell 42 Lower Brook S<sup>t</sup>. - then went to meet M<sup>r</sup>. H. Lambton at green's hotel, with N. Wood & Donkin, but

<p>M<sup>r</sup>. J. Gregson</p> <p>Stanhope and Tyne R.Way. Labouchere Reports.</p> <p>1838</p>	<p>Something had occurred to prevent M<sup>r</sup>. Lambton from Keeping his appointment. Our meeting was on the Subject of the Church Lease Bill the Comm<sup>ee</sup>. on which it is to hold it's first Sittg. this day Week. Dined with Donkin at Green's Hotel Seerl S<sup>t</sup>. Lincoln's Inn Fields.</p> <p><u>May 22<sup>d</sup>. Tuesday</u> Breakfasted with J. Gregson and talked over various matters of business</p> <p>Had a meeting with the Directors of the Stanhope &amp; Tyne Rail-way at their office 26 New Broad Street</p> <p>Attended a meeting at M<sup>r</sup>. Pease's Lodgings Manchester Buildings, to</p> <p style="text-align: center;">79</p> <p>peruse and discuss M<sup>r</sup>. Labouchere's Report on the Coal-trade – Present Mess<sup>rs</sup>. Pease, Bell Donkin, N. Wood &amp; Self.</p> <p><u>May 23<sup>d</sup>. Wed.</u> Met M<sup>r</sup>. Lavie (Town Solicitor to M<sup>r</sup>. Pitts Trustees) at Farrer's &amp; Co. this Mg. had a long discussion with M<sup>r</sup>. Parkinson &amp; him, on the Tanfield-moor Colly. Affairs.</p> <p>The Trustees are obliged to Sell all the Property of every description, together with the Colly. &amp; M<sup>r</sup>. Pitts Share of the Coal in Winlato Lordship. After much discussion we fixed the 13<sup>th</sup>. Sep. for the day of Sale in London and I am to prepare an Advertisement and reduced plan of the Colliery to be lithographd. for the Prospectus.</p> <p>This being the day appointed for Labouchere's Committee to make their report – I attended at the waiting Room of the Committee Room with Mess<sup>rs</sup>. Donkin and Gregson during the Sitting of the Comm<sup>ee</sup>. to be Ready to give any information that might be required. After much Squabbling M<sup>r</sup>. Hume's obnoxious resolutions were expunged &amp; it was agreed to Strike out everything respecting the Coal-trade Regulations. The affair of the Gas Coals to be mentioned merely as a matter of history. And the</p>
--	---

<p>1838</p> <p>Olimpic Theatre</p> <p>Engineers Institution</p>	<p style="text-align: center;">80</p> <p>Power of removing the Ships in the River to be vested in the Corporation of London – to be approved of by the Board of trade</p> <p>The Comm<sup>ee</sup>. adjourned to this day Week to peruse the Bill.</p> <p>Went to the Olimpic Theatre in the Evg. and was much pleased with Matthews' Performance.</p> <p><u>Tuesday 22<sup>d</sup>. May</u> Attended the meeting of the Engineers' Institution this Evening.</p> <p>A long discussion took place on the cause of explosion, in Steam Boilers. One Person contended that it could not arise from the decomposition of the Water – as from the oxydation of the Iron, no Such decomposition</p>
---	--

could possibly take place. He had tried the experiment frequently and never could decompose Water, in the manner in which it is assumed to take place in heated Boilers, So as to cause them to explode

Nothing Satisfactory was however elicited on the Subject by the discussion

May 24<sup>th</sup>. Thursday . Called upon M<sup>r</sup> M<sup>c</sup>. Donnell with M<sup>r</sup>. John Gregson & then proceeded with him to Lord Londonderry, with whom we had an uncomfortable discussion on the Trust Affairs.

Lord  
Londonderry

1838

81

Bishop of  
Durham

May 24<sup>th</sup>. Thursday . Called upon the Bishop of Durham 28. Curzen Street, and had a discussion with him, relative to the Church Lease Bill, the Comm<sup>ee</sup>. on which is to commence its' Sittings next Monday.

Office of  
Woods  
Dean Forest  
Bill

Called at M<sup>r</sup>. Gardiner's (Solicitor to the Dean Forest Bill) Chambers, by his desire.

Met M<sup>r</sup>. Gordon M.P. M<sup>r</sup>. Scott Solicitor for the Free Miners, and M<sup>r</sup>. Packwood Solicitor to the Foreigners there. The Bill has passed the Ho. without going into Committee up-Stairs, consequently no Witnesses will be examined, but Some of the Clauses, Required modification, which after a little discussion was Satisfactorily done.

Surry  
Zoological  
Gardens

Met M<sup>r</sup>. & M<sup>rs</sup>. N. Wood & their Daughter with Donkin, at the Imperial Hotel, and went with them to the Surry Zoological Gardens to See a large Montgolfier Balloon ascend; but it proved to be a hoax Something like a Balloon was Seen on a Platform in the middle of the Lake but it was not inflated. The Gardens are pretty and tastefully laid out but Small in extent. The Animals they have are

---

1838

82

good and in fine Condition but few in Number. The Lions, Tygers, Leopards &c. are in very Fine Condition, and they have 3 or 4 tolerable fine Elephants.

We dined at the Horns on Kennington Common, and then went to the Circus – D[ucrocus] – to See the Horsman Ship &c.  
May 25<sup>th</sup>. Friday Met M<sup>r</sup>. Blackett with Donkin at Green's this Mornng. and discussed the affairs of Wylam Colliery.

M<sup>r</sup>. Blackett  
Wylam Colly.

Called upon M<sup>r</sup>. M<sup>c</sup>. Donnell

M<sup>r</sup>. M<sup>c</sup>. Donnell

M<sup>r</sup>. Milne

Ditto M<sup>r</sup>. Milne Office of Woods

M<sup>r</sup>. Russell

Met M<sup>r</sup>. Russell at M<sup>r</sup>. Jn<sup>o</sup>. Gregson's & discussed the affairs of Walls-end and Washington Coll<sup>s</sup>.

Lord

Spent the Evening with Donkin at Green's  
May 26<sup>th</sup>. Satdy Called upon M<sup>r</sup>. M<sup>c</sup>. Donnell  
Called upon Lord Londonderry, & had a long

Londonderry conversation with him on various matters relative to the Trust affairs, under which he is very uneasy, and especially as to M<sup>r</sup>. M<sup>c</sup>. Donnell holding Wynyard in Security to cover his debt to the Bank & other debts. He wishes the Security on Wynyard to be changed to anything else that can be devised, as Seaham harbour – some plan or other

1838

83

which he did not explain, bring contemplatd for relieving it from the whole, or part of L<sup>d</sup>. Castlereagh's claim of £400,000 upon it

He also thinks that the £7000 of Bonds w<sup>h</sup>. he have to the Dean & Chapter at the Renewal of 1832 – Should be Repaid him from the accumulating Funds of the Inheritance. And he objects to the purchase of Wilson's Farm out of his personal trust money

Meeting  
of  
Coal-owners  
at  
Lord  
Wharncloffes

Attended a meeting at Lord Wharncloffes, to consider the course we Sh<sup>d</sup>. pursue at out intended meeting with the Coal-factors – Present L<sup>d</sup>. Wharnccliffe. M<sup>r</sup>. Brandling N. Wood, Donkin & Self.

It was agreed that the welfare of the Trade rested chiefly on the Regulation in the N. and that an endeavour to complete it, by bringing those Collieries into it, particularly Thornley, Should be made with as little delay as possible. And that in amending the Rules of the Regulation it Should be provided that the Coals Sh<sup>d</sup>. be duly classed, & that when any others Should be more in demand than other sit Should be allowed to vend additional

1838

84.

quantity. But Such additional quantity to be abated during the year, so as its Basis i.e. it's Regulated quantity on the Bases Sh<sup>d</sup>. not be exceeded

The Factors to be consulted as to their opinion of a classification of Coals, on the Coal Exchange, and as to the best mode of conducting the business there for the mutual benefit of all Parties

It was fixed that we Should have a meeting with a deputation of Coal Factors next Tuesday the 29<sup>th</sup>. at the Exchequer Coffee-ho. Palace Yard at 4 o ' Clock

Exhibition  
of  
ancient Arms  
and  
Armour

Went with Donkin to the Exhibition of ancient Arms & Armour, at 3 Lower Grosvenor S<sup>t</sup>. - it is a most Splendid & interesting Collection

Went in one of the Small Steamers from Westminster to London Bridge – (fare 6<sup>d</sup>.) with the intention of going down to Blackall to See the Victoria Steamer. But we could not meet with a conveyance, and as the afternoon was far Spent, we returned



84a

<b>A</b>		<b>B[cont]</b>	
Arbitration, Award	10,	Brown Mr. Rich <sup>d</sup> .	12,
Arnold Lieutenant, Plan for delivering Coals	14,	Birtley Fell Colliery	15,
Arkless M <sup>r</sup> . Edw <sup>d</sup> .	29,	Bates' Holywell Coal	20,
Assizes Newcastle	34,	British Association	22,33,62,
Aykless-heads	48,	Burnt	29,33,
Auckland Coal-field	55,	Biddick & Herrington. Agent for Sale to L <sup>d</sup> . D -m Settled	30,
Atkinson Rob <sup>t</sup> .	65,	Binding of Pitmen	44,
Atkinson M <sup>rs</sup> . ill	70,	Books Sent To F. Carr	52,
Armour Ancient, exhibition of	84,	Bayley Solicitor Stockton	62,
<b>B</b>		Blackett Sir Edw <sup>d</sup> .	66,
Backworth	1,9,16,28,32,36,52,	Bethuin Mrs.	77,
Benwell	2,9,66,	Blackett Ch. M.P.	82,
Bishop of Durham	8,12,81,		

84b

<b>C</b>		<b>E</b>	
Cramlington	3,9,36,43, 50,	Explosion, Springwell Colly.	6,
Coast Guard	4,	Etherley Colliery	12,
Coal trade Meeting	5,12,13,44,45,52,62, 69,73,	East Holywell Colly.	30,43,52,
Carlisle Railway	13,17,	Edinburgh	38,
Compensation to be p <sup>d</sup> . by N. Shields R.W. Co., for damage of gro <sup>d</sup> .	14,	Election of Secretary Newcastle Infirmary	63,
Cartes Concert	21,	Exhibition	38,
Cramlington Colly.	24,	Eppleton Colly. quantity of Coal, Estimated	46,
Cowpen Colly.	29,	Etherley Colly. Lease	55,
Carr M <sup>r</sup> . F. Sydney - Books Sent to	52,	Etherley Colly. Sale of	63,69,
Church Leases	67,	Engineer's Institution	80,
Carlisle Railway Compensation	69,	Exhibition of Ancient Armour	84,
Council Chamber	77,	<b>F</b>	
Coal-owners deputation meeting at Lord Wharnecliffe's	82,	Fire	6,29,
<b>D</b>		Flatworth Pit	28,
Docks S <sup>o</sup> . Shields	18,	Fenham Coal	46,50,
Dean Forest	30,31,81,	Funeral M <sup>rs</sup> . Pemberton	47,
M <sup>r</sup> . W <sup>m</sup> . Dixon	38,	<b>G</b>	
M <sup>r</sup> . Th. Doubleday, Priory let to him	42,	H. Douglas Gresley Esq <sup>r</sup> .	8,
Durham Lord	53,	Gregson M <sup>r</sup> . Durham	54,
Durham City	54,	Gresley M <sup>r</sup> .	54,
Davidson M <sup>r</sup> . Tho <sup>s</sup> .	54,		

Dixon, Old Geo.	55,	Groom M <sup>rs</sup> .	78,
Death of M <sup>rs</sup> . Atkinson	75,	Gregson M <sup>r</sup> . John	78,

84c

<b><u>H</u></b>		<b><u>K</u></b>	
Holywell	1,16,36,60,73,	Killed	2,6,15,24,25,29,31,33,35,61,70,
Haswell Basis	9,		
Haltwhistle Colly.	18,63,65,	<b><u>L</u></b>	
Hetton Colly. duration	46,	Lanchester Common	2,71,
East Holywell new		Literary Society	3,22,33,
Winning	52,	Lord & Lady	
Hume Joseph	65,	Londonderry	26,80,82,
Haydon Bridge	66,	Libraries Edinburgh	40,
		Lord Durham	53,
<b><u>I</u></b>		Lambton M <sup>r</sup> . Ra.	54,
Iron Stone	52,	Lloyd M <sup>r</sup> .	68,
Iron Tubs	61,72,	London	69,74,
Infirmary N.Castle, Election		Labouchere's	
of a Secretary	63,	Committee	75,79,
		Lamberton M <sup>r</sup> .	
		Hedworth	78,
<b><u>J</u></b>			
Jury Court	39,		
F.D. Johnson Esq <sup>r</sup> .	48,		

84d

<b><u>M</u></b>		<b><u>P</u></b>	
Mary and Ann, New Ships	10,	Percy-main	3,17,37,
Minature	22,	M <sup>r</sup> . Piele	38,49,
Medomsley Coal	32,	Priory, let to M <sup>r</sup> . Doubleday	42,
Musical Party	35,	Pemberton, M <sup>r</sup> . Rich <sup>d</sup> . Funeral	47,
Medomsley Colly.	37,	Peacock - Trespass on Walls-end Green	54,
Mary Queen of Scotts	40,		
Monkwearmouth Colly.	58,	<b><u>Q</u></b>	
Matten	66,	Queen's Picture	20,
Mc. Donnell Edw <sup>d</sup> . Esq <sup>r</sup> .	75,78,82,	Queen's Birth-day	74,
<b><u>N</u></b>			
North Hetton Colly.	11,15,	<b><u>R</u></b>	
North Shields Railway Co.	14,	Rippon's House	2,
N. Pittington Colly. Val <sup>n</sup> .	16,	Reference	10,
Natural History Society	19,	Ridley Sir, M.W.	29,
New Pit Holywell	33,	Ramsay, M <sup>r</sup> . Artist	78,
Northumberland, Duke of	62,	Russell W <sup>m</sup> . Esq <sup>r</sup> .	82,
<b><u>O</u></b>			
Opinion Hodgkins, as to right of			
working the Coal from under buildings			
on Gilley-gate Moors	72,		
Office of Woods	77,82,		
Olimpic Theatre	79,80,		

## 84e

<u>S</u>		<u>I</u> [cont]	
M <sup>r</sup> . Sherridan Knowles	4,9,	Tubbing Permit	21,
Seaham Harbour	4,20,30,	Tyne Docks	35,
Seaham Harbour, damaged	34,46,	Theatre, Edinbro'	41,
Springwell Colly.	6,	Taylor M <sup>r</sup> . Th.	47,
Scott S <sup>r</sup> . Walter	41,	Thompson John	67,
S <sup>t</sup> . Helen's Colly.	8,	Taylor M <sup>r</sup> . F.B.	71,
S <sup>o</sup> . Hetton Colly.	11,	Tubs for drawing Coals	61,72,
Shepperdson's Royalty	11,	Townley M <sup>rs</sup> .	76,
Sessions Northumberland	15,		
Society for Promotion of Fine Arts	15,18,37,51,62,68,	<u>U</u>	
The Ships	19,	<u>V</u>	
Stella Freehold Colliery	19,20,32,37,64,	Valuation N. Pittington Colly.	16,
Seaton Coal	24,	Vestry Meetg.	28,
Steam Vessels	38,	Viewers Meeting of	44,
Ship Elizabeth	52,		
Straker M <sup>r</sup> . John	46,	<u>W</u>	
Sheet Iron Tubs for drawing Coals	61,72,	West Townley	9,
Stella Grand Lease Owners, Meeting of	75,	Whitehaven New Winning	49,
Stanhope and Tyne Railway	78,	Woods, Office of	77,
Sale of Tanfield moor Colly.	79,	Waterloo Colliery	78,
Surrey Zoological Gardens	81,	Wylam Colliery	82,
		Wharnccliffe Lord	83,
<u>I</u>			
Tanfield-moor	2,37,71,79,		

## 84f

<u>X</u>		<u>Z</u>	
		Zoological Gardens	81,
<u>Y</u>			