

Reference Code: NRO 3410

# Papers of the North of England Institute of Mining and Mechanical Engineers

## Forster Collection

### NRO 3410/For/1

#### **Creator(s):**

Forster, Thomas Emmerson, fl 1830-1870, engineer

Forster, George Baker, fl 1830-1870, engineer

#### **Scope and Content**

The Forster collection consists of three distinct sections. Section one comprises a collection of report books relating to various eighteenth and nineteenth century viewers, collected by Thomas Emmerson Forster but not relating to the Forster family. Sections two and three comprise working papers of Thomas Emmerson Forster and his son George Baker Forster.

**Reference:** [NRO 3410/For/3/20](#)

Spa Mine Trespass, 1883 - 1894 and Railway Ironstone.

**Creation dates:** 1883 - 1895

**Extent and Form:** 65 docs and 25pp.

### **Scope and Content**

Volume of bound original letters and papers re an alledged trespass from the Spa Royalty into Skelton, near Guisborough, Yorkshire, and re claims by Messrs Gjers, Mills and Co, Ironmasters, for the Spa Mine, against the North Eastern Railway for compensation for ironstone left in the mines for the support of the railway, 1883 - 1895

**Reference:** [NRO 3410/For/3/20/1-62](#)

**Extent and Form:** 62 letters

### **Scope and Content**

Between Thomas Allison (6), Thomas Bailes (1), Arthur Beaulands (8), F. Hugh Bell and Bell Bros (3), E.B. Hamilton (6), Gjers, Mills and Co (38) and G.B. Forster re the alledged trespass, 12 Feb 1883 - 15 May 1885

**Reference:** [NRO 3410/For/3/20/63-64](#)

**Creation dates:** nd.[c.1883]

### **Scope and Content**

Calculations re the measurements of ground worked in the Spa Mine trespass

**Reference:** [NRO 3410/For/3/20/65](#)

**Creation dates:** nd. [c.1883]

**Physical characteristics:** 25 x 28cm. incomplete.

### **Scope and Content**

Sketch plan of ? trespass area, scale 2ch: 1"

**Reference:** [NRO 3410/For/3/20/66](#)

**Creation dates:** nd. [c.1883]

**Physical characteristics:** Plan difficult to use, bound folded into volume.

### **Scope and Content**

Plan showing the workings in the Spa Mine and corresponding surface boundary, copy of William Beaulands Survey Plan, scale 2ch: 1"

**Reference:** [NRO 3410/For/3/20/67](#)

**Creation dates:** nd

**Physical characteristics:** 25 x 32cm.

### **Scope and Content**

Plan showing the trespass from the Spa Mine into the Park Mine, marking the barrier fence, copy of Mr Lyall's, plan, scale 2ch: 1"

**Reference:** [NRO 3410/For/3/20/68-98](#)

**Creation dates:** 23 Dec 1889 - 3 July 1894

**Extent and Form:** 26 letters

### **Scope and Content**

Between G.B. Forster and William Armstrong, statement of accounts, opinions and agreement 3 copies between G.B. Forster and William Armstrong re the compensation claim

**Reference:** [NRO 3410/For/3/20/99-108](#)

**Creation dates:** 23 Nov 1893 - 20 May 1894

**Extent and Form:** 10 letters

### **Scope and Content**

Between Thomas Bailes (2), A. Kaye Butterworth (1), Bell and Cochrane (1), William Charlton (6) and G.B. Forster re the claim for compensation

**Reference:** [NRO 3410/For/3/20/109-193](#)

**Creation dates:** 1885-1895

**Extent and Form:** 85 letters

**Scope and Content**

Between Messrs Gjers, Mills and Co, Ironmasters, Middlesborough, and G.B. Forster re the claim for compensations, including statements of production and details of the agreement made with William Armstrong, 27 May 1885 - 21 Jan 1895

**Reference:** [NRO 3410/For/3/20/194-214](#)

**Creation dates:** 28 March 1892 - 19 Oct 1893

**Extent and Form:** 21 letters

**Scope and Content**

Between E.W. Lyall, surveyor and G.B. Forster re plans of the Spa Mine

**Reference:** [NRO 3410/For/3/20/215-224](#)

**Creation dates:** 29 Oct 1883 - 28 Feb 1894

**Extent and Form:** 10 letters

**Scope and Content**

Between A.L. Steavenson (3), John Tate (7) and G.B. Forster re Spa Mines

**Reference:** [NRO 3410/For/3/20/225](#)

**Creation dates:** 11 Nov 1883

**Scope and Content**

Table showing the specific gravity of samples of stone from the Spa Mines

**Reference:** [NRO 3410/For/3/20/226](#)

**Creation dates:** 28 May 1894

**Scope and Content**

Statement of the basis of the settlement agreed between Mr Cooper for

Gjers, Mills and Co and Mr John H. Armstrong, for the North Eastern Railway

**Reference:** [NRO 3410/For/3/20/230-239, 242-257](#)

**Creation dates:** 1885 - 1893

### **Scope and Content**

Calculations and statements re measurements of ironstone left for the railway and statement of costs and profits

**Reference:** [NRO 3410/For/3/20/240](#)

**Creation dates:** nd

**Physical characteristics:** 25 x 40cm.

### **Scope and Content**

Workings plan of the Wharton Goaf, scale 2ch: 1"

**Reference:** [NRO 3410/For/3/20/258](#)

**Creation dates:** 27 May 1892

**Physical characteristics:** 45 x 120cm.

### **Scope and Content**

Plan of the workings in the Spa Ironstone Mine showing the pillars left for the support of the railway, with references giving measurements, scale 1ch: 1", by W. Lyall, Civil engineer, Darlington

**Reference:** [NRO 3410/For/3/21](#)

Lyde Green Minerals Arbitration

**Creation dates:** 1884

**Extent and Form:** 95 docs

### **Scope and Content**

Volume of bound original and copy correspondence, plans and papers re the arbitration concerning the terms of the lease of the Lyde Green Minerals, Bristol Coalfields, between T. Forster Brown for Wethered, Crossham and Co and G.C. Greenwell for Sir Greville Smyth with G.B. Forster as umpire, 1874 - 1885  
Items 58-82 part of original volume, pages numbered individually

**Reference:** [NRO 3410/For/3/21/1-44](#)

**Extent and Form:** 44 letters

### **Scope and Content**

Between T. Forster Brown, Cardiff (13), Dees and Thompson (8), G.C. Greenwell (19), G.C. Hewitt (2), John Murtrie (2) and G.B. Forster re the arrangements for the arbitration, 18 Feb 1884 - 9 Feb 1885

**Reference:** [NRO 3410/For/3/21/45](#)

**Creation dates:** nd. [c. 1884]

### **Scope and Content**

Notes re measurement of coal

**Reference:** [NRO 3410/For/3/21/46](#)

**Creation dates:** 1872 - 1884

### **Scope and Content**

Account of coal produced and sold, Park Field Colliery

**Reference:** [NRO 3410/For/3/21/47-50](#)

**Creation dates:** 30 Jan - 27 Aug 1877

**Extent and Form:** 3 letters

**Scope and Content**

Between Handel Crossham, George C. Hewitt and Thomas Dyke re problems caused by the discovery of the great fault in the Lyde Green Estate

**Reference:** [NRO 3410/For/3/21/51-54](#)

**Creation dates:** 1884

**Scope and Content**

Calculations re available coal

**Reference:** [NRO 3410/For/3/21/55](#)

**Creation dates:** 17 Sept 1875

**Extent and Form:** 67 pp

**Scope and Content**

Paper entitled The Northern End of the Bristol Coalfield by Handel Crossham, Edward Wethered and Walter Saice to be read to the British Association, extracted from the Colliery Guardian

**Reference:** [NRO 3410/For/3/21/56](#)

**Creation dates:** 18 Aug 1874

**Physical characteristics:** 100 x 34cm.

**Scope and Content**

Plan showing the different properties worked at Parkfield. Colliery, coloured to show areas held by various lessees with details of leases, and coal seams [veins], scale 6ch: 1", n.d. signed Crossham

**Reference:** [NRO 3410/For/3/21/57](#)

**Creation dates:** 18 Aug 1884

**Physical characteristics:** 32 x 60cm.

### **Scope and Content**

Plan of workings in the Top Vein at Parkfield Colliery, scale 2ch: 1", n.d. signed George C. Hewitt

**Reference:** [NRO 3410/For/3/21/58-82](#)

### **Scope and Content**

Notes re arbitration at the Clifton Down Hotel, Bristol, including evidence of George C. Hewitt, manager Coalpit Heath and William Morgan, engineer, sections of seams, prices, produce of seams and details of leases, 19 June, 18 Aug 1884

**Reference:** [NRO 3410/For/3/21/85](#)

### **Scope and Content**

Account of coal produced and sold at Coalpit Heath Collieries, 1877 - 1884. Copies of pp45, 47 - 51

**Reference:** [NRO 3410/For/3/21/89](#)

**Creation dates:** 19 June 1884

**Physical characteristics:** 72 x 120cm.

### **Scope and Content**

Plan of the workings in Coalpit Heath Collieries marking coal seams [veins], scale 6ch: 1", n.d. signed B

**Reference:** [NRO 3410/For/3/21/90](#)

**Creation dates:** 19 June 1884

**Physical characteristics:** 37 x 60cm.

### **Scope and Content**

Plan of the Farrington Series, Mr Anstie's survey, marking pits and coal seams [veins], no scale, signed George C. Hewitt



**Reference:** [NRO 3410/For/3/21/91-92](#)

**Creation dates:** nd.[1884]

**Physical characteristics:** 57 x 50cm and 43 x 90cm.

### **Scope and Content**

Sections of seams in the Parkfield Colliery, scale 6ch: 1" and 60': 1", signed George C. Hewitt

**Reference:** [NRO 3410/For/3/21/93](#)

**Creation dates:** 19 June 1884

**Physical characteristics:** 57 x 96cm.

### **Scope and Content**

Plan of the Parkfield Colliery and Coalpit Heath Colliery marking coal seams [veins] workings in the Froglane and Dudley Pits and Downthrow Fault, scale 6ch: 1", n.d. signed George C. Hewitt

**Reference:** [NRO 3410/For/3/21/94-95](#)

**Creation dates:** 1875

### **Scope and Content**

Plan of the Northern end of the Bristol Coalfield and sections of strata [to illustrate the paper [NRO 3410/For/3/21/55](#), 1875]

**Reference:** [NRO 3410/For/3/22](#)

EHEN Iron Ore Co v. Bain & Co.

**Creation dates:** 1884

**Extent and Form:** 102 docs

### **Scope and Content**

Volume of bound original letters, reports and plans re an arbitration by G.B. Forster re the case of the Ehen Iron Ore Co and Mr Thomas Hartley v. James Bain and Co re an action for trespass in the iron ore workings near Egremont, Cumberland, 1884 - 1885

**Reference:** [NRO 3410/For/3/22/1-72](#)

**Extent and Form:** 72 letters

### **Scope and Content**

Between James Bain & Co (5), Thomas Brown, Whitehaven (26), Brockbank and Helder, solicitors (28), Dees and Thompson (6), John Pattinson, analytical chemist (3), Henry Woolcock, mining engineer (3) and G.B. Forster, 13 March 1884 - 7 March 1885

**Reference:** [NRO 3410/For/3/22/73](#)

**Creation dates:** 26 Aug 1884

### **Scope and Content**

Notes re workings in Ehen Pit, with sketch plans, no scale

**Reference:** [NRO 3410/For/3/22/74](#)

**Creation dates:** 11 Aug - 9 Oct 1884

**Extent and Form:** 53 pp

### **Scope and Content**

Notes re the evidence including fencing of the workings, working costs and wayleaves, evidence of J.D. Kendall, mining engineer, James Stout, Ehen Mines manager, William Peile, Andrew Johnson, Henry Woolcock and Henry Moore, mining engineers, Edward Pattinson, accountant and J.J. Simpson, W.B. Turner, Thomas Brown and Edward Pattern

**Reference:** NRO 3410/For/3/22/75

**Creation dates:** 11 Oct 1884

### **Scope and Content**

Note of costs, given to Mr Thompson

**Reference:** NRO 3410/For/3/22/76-78

**Creation dates:** nd

**Physical characteristics:** 26 x 44cm.

### **Scope and Content**

Plans of the Woodend Iron Ore, showing the boundary line laid down by the umpire, No 76 coloured to show Woolcock's and Kendal's estimates, scale 30': 1"

**Reference:** NRO 3410/For/3/22/79

**Creation dates:** nd

### **Scope and Content**

Note of the umpire's decision re tonnage

**Reference:** NRO 3410/For/3/22/80

**Creation dates:** 27 Oct 1884

### **Scope and Content**

Arbitration by G.B. Forster given in the Court of Queen's Bench

**Reference:** NRO 3410/For/3/22/81, 83-84

**Creation dates:** nd

### **Scope and Content**

Rough calculations re tonnage

**Reference:** NRO 3410/For/3/22/82

**Creation dates:** 18 Dec 1884

**Scope and Content**

Newspaper cutting reporting on the case

**Reference:** NRO 3410/For/3/22/85

**Creation dates:** 1884

**Physical characteristics:** 22 x 37cm.

**Scope and Content**

Plan of the Woodend Estate by W.H. Wright, no scale

**Reference:** NRO 3410/For/3/22/87

**Creation dates:** nd

**Physical characteristics:** 25 x 30cm

**Scope and Content**

Plan of the Woodend Estate enlarged from an old estate plan, scale 1: 2,500, incomplete.

**Reference:** NRO 3410/For/3/22/88

**Creation dates:** 3 Nov 1884

**Scope and Content**

List of plans sent to T. Brown

**Reference:** NRO 3410/For/3/22/89-92

**Creation dates:** nd

### **Scope and Content**

Statements of ore produced and sold by the Ehen Mining Co, 1878 - 1879 and Bain and Co

**Reference:** [NRO 3410/For/3/22/94](#)

**Creation dates:** nd

**Physical characteristics:** 67 x 90cm.

### **Scope and Content**

Plan of the workings in the Ehen Mining Company's mine, by Wadham, Turner and Strougiltran, mining engineers, Whitehaven, scale 30': 1"

**Reference:** [NRO 3410/For/3/22/95](#)

**Creation dates:** Aug 1884

**Physical characteristics:** 44 x 100cm.

### **Scope and Content**

Plan showing Messrs Bain's workings in Thomas Hartley's Royalty and the Ehen Mining Company's workings in Lord Leconfield's Royalty, giving measurements, copy of Mr Peile's plan, scale ½ch: 1", marked G.B.F, E.U.B

**Reference:** [NRO 3410/For/3/22/96](#)

**Creation dates:** nd [1884]

**Physical characteristics:** 44 x 50cm.

### **Scope and Content**

Plan of workings in Woodend No 10 Pit, giving dates of workings, scale ½ch: 1", marked G.B.F.

**Reference:** [NRO 3410/For/3/22/97](#)

**Creation dates:** 11 Aug 1884

**Physical characteristics:** 24 x 30cm.

### **Scope and Content**

Plan of part of the Woodend Estate, showing boundaries traced from the old estate plan and ordnance plan, endorsed "Dendal's tracing of estate plan", scale 25": 1 mile, marked G.B.F, E.U.B

**Reference:** [NRO 3410/For/3/22/98](#)

**Creation dates:** 11 Aug 1884

**Physical characteristics:** 22 x 86cm.

### **Scope and Content**

Plan of the southern boundary of the Woodend Estate enlarged from a copy of the estate plan, endorsed "Kendalls tracing" scale 30': 1", marked G.B.F, E.U.B

**Reference:** [NRO 3410/For/3/22/99](#)

**Creation dates:** Sept 1884

**Extent and Form:** 2 plans

**Physical characteristics:** 34 x 36cm.

### **Scope and Content**

Of part of the Woodend Estate, scale 1: 2,500, surveyed W.H.W

**Reference:** [NRO 3410/For/3/22/100](#)

**Creation dates:** 11 Aug 1884

**Physical characteristics:** 50 x 40cm.

### **Scope and Content**

Workings plan giving measurements, no scale, marked E.U.B, G.B.F

**Reference:** [NRO 3410/For/3/22/101](#)

**Creation dates:** 9 Aug 1884

**Physical characteristics:** 64 x 60cm.

### **Scope and Content**

Plan and sections of the Ehen Mining Co and Bain and Co's workings, scales 10': 1" and 30': 1", marked J.D. Kendall, Whitehaven

**Reference:** [NRO 3410/For/3/22/102](#)

**Creation dates:** 11 Aug 1884

**Physical characteristics:** 77 x 90cm.

### **Scope and Content**

Workings plan of No 10 Pit, Woodend Mine, with note of "boundary of Huddlestons", scale 33': 1", H. Woolcock, C.E., Whitehaven, Dec 1882, marked E.U.B. G.B.F

**Reference:** [NRO 3410/For/3/23](#)

Etherley Colliery, Surface Damages, Jackson v. Stobart.

**Creation dates:** 1885-1894

**Extent and Form:** 79 docs

### **Scope and Content**

Volume of bound original letters, reports and plans re an action brought by William Jackson, farmer, against Messrs Stobart and Co re claims for damages caused by subsidence at Etherley, 1885 - 1894

**Reference:** [NRO 3410/For/3/23/1-10, 12-58](#)

**Creation dates:** 1885-1894

**Extent and Form:** 57 letters

### **Scope and Content**

And papers of G.B. Forster including letters to and from G. Bradford (4), J.C.B. Head (2), William Lishman (3), John Marley (10), Trotter, Bruce and Trotter, solicitors (28), 22 Oct 1885 - 26 Feb 1894

**Reference:** [NRO 3410/For/3/23/11](#)

**Creation dates:** nd. [C. 1890]

### **Scope and Content**

Report re past and current workings at Etherley by William Lishman, viewer

**Reference:** [NRO 3410/For/3/23/59](#)

**Creation dates:** 16 Feb 1894

### **Scope and Content**

Subpoena issued to G.B. Forster to attend the case in the High Court

**Reference:** [NRO 3410/For/3/23/60](#)

**Creation dates:** [c. 1890]



## **Scope and Content**

Copy of NRO 3410/For/3/23/11

**Reference:** NRO 3410/For/3/23/61

**Creation dates:** 17 Oct 1885

## **Scope and Content**

Report re Etherley, particularly George and Railway Pits, including sections of seams

**Reference:** NRO 3410/For/3/23/62-63

**Creation dates:** c. 1885

## **Scope and Content**

Evidence of John Marley and G.B. Forster re the Etherley damage

**Reference:** NRO 3410/For/3/23/64

**Creation dates:** 28 - 29 Oct 1885

## **Scope and Content**

Evidence re damage including statements of Mr Wylde of Woodside Cottage,, R. Turnbull, W.H. Wood, J.W. Clark of Guisborough, H.T. Peirson, J. Potts, W. Lishman and G.B. Forster

**Reference:** NRO 3410/For/3/23/65

**Creation dates:** 14 Feb 1894

## **Scope and Content**

Minutes of a meeting between Messrs J.C.B. Hendy, W. Lishman and W. Armstrong junior re the Etherley damage

**Reference:** [NRO 3410/For/3/23/66-67](#)

**Creation dates:** nd. [c. 1890]

### **Scope and Content**

Newspaper cuttings re the trial

**Reference:** [NRO 3410/For/3/23/68-71](#)

**Creation dates:** 1885-1894

### **Scope and Content**

Copies of NRO 3410/For/3/23/62 - NRO 3410/For/3/23/65

**Reference:** [NRO 3410/For/3/23/72](#)

**Creation dates:** nd. [c. 1890]

**Physical characteristics:** 33 x 28cm.

### **Scope and Content**

Plan of an estate at Etherley, the property of William Jackson, coloured to show the damaged areas, scale 3ch: 1"

**Reference:** [NRO 3410/For/3/23/73](#)

**Creation dates:** 1892

**Extent and Form:** 2 plans

**Physical characteristics:** 33 x 28cm.

### **Scope and Content**

Of workings in the Brockwell and Busty Seams showing the old workings, scale 3ch: 1"

**Reference:** [NRO 3410/For/3/23/74](#)

**Creation dates:** nd. [c.1890]

**Physical characteristics:** 49 x 32cm.

### **Scope and Content**

Plan showing methods of pillar working at Etherley, scale 1ch: 1" and 100yds: 1"

**Reference:** [NRO 3410/For/3/23/75](#)

**Creation dates:** 23 Oct 1885

**Physical characteristics:** 52 x 34cm.

### **Scope and Content**

Plan of workings in the Brockwell Seam, scale 3ch: 1"

**Reference:** [NRO 3410/For/3/23/76](#)

**Creation dates:** nd.[c.1890]

**Physical characteristics:** 36 x 42cm.

### **Scope and Content**

Plan showing the position of Turnbull's land, coloured, scale 6ch: 1"

**Reference:** [NRO 3410/For/3/23/77](#)

**Creation dates:** nd.[c.1890]

**Physical characteristics:** 55 x 46cm.

### **Scope and Content**

Plan of workings in the Brockwell Seam, coloured to show areas worked by William Lishman and by G. Bradford in 1878, scale 25": 1mile

**Reference:** [NRO 3410/For/3/23/78](#)

**Creation dates:** 22 Oct 1885

**Physical characteristics:** 46 x 39cm.

### **Scope and Content**

Plan of workings in the Busty Seam, coloured to show the areas worked by William Lushman and by G. Bradford in 1875 and 1876, scale 25": 1 mile

**Reference:** NRO 3410/For/3/23/79

**Creation dates:** 23 Oct 1885

**Physical characteristics:** 48 x 42cm.

**Scope and Content**

Plan of workings in the Brockwell Seam prior to workings by William Lishman, scale 3ch: 1'

**Reference:** [NRO 3410/For/3/24](#)

Hodbarrow Iron Mines

**Creation dates:** 1886

**Extent and Form:** 77 docs

### **Scope and Content**

Volume of bound original letters re the leasing of the Hodbarrow Iron Mines, Cumberland from Lord Lonsdale, 1885 - 1886

**Reference:** [NRO 3410/For/3/24/1-77](#)

**Creation dates:** 29 Dec 1885 - 27 Sept 1886

**Extent and Form:** 77 letters

### **Scope and Content**

Between William Armstrong (7), Thomas J. Bewick (4), John Dagliesh (30), G.H. Liddle (1), R. Allayne Robinson (28), J.B. Simpson (3), Lindsay Wood (1), Cedric Vaughan (2) and G.B. Forster including statements of terms for the lease