

NEIMME/Wat/19 WATSON PLANS FOR THE PARISH OF EARSDON

Creation dates: 1781 - 1860

Scope and Content

BOUND VOLUME OF COLLIERY AND ESTATE PLANS'.

VOLUME IS MARKED WITH THE ORIGINAL SHELF NUMBER.

THIS ORIGINAL SHELF NUMBER HAS BEEN RETAINED,

PREFACED BY THE IDENTIFIER WAT/.

Reference: NEIMME/Wat/19/1

Creation dates: June 1793

Physical characteristics: 820 acres, scale 4ch: 1", 67 x

102cm

Scope and Content

Plan of Burradon, property of William Ogle Wallis Ogle of Causey Park, Northumberland, surveyed by T. Atkinson, including key and showing boreholes

Reference: NEIMME/Wat/19/2

Creation dates: 1793

Physical characteristics: 65 x 84cm

Scope and Content

Copy of NEIMME/Wat/19/1

Reference: NEIMME/Wat/19/3

Creation dates: 1860

Physical characteristics: 91cm x 115cm

Scope and Content

Plan of ventilation of Low Main Seam, Burradon Colliery, figures indicate number of bodies and where they were found after the explosion

Reference: NEIMME/Wat/19/4

Creation dates: 2 March 1860

Physical characteristics: Scale 8ch: 1" 23cm x 33cm. Printed

Scope and Content

Plan of workings and ventilation of Burradon Colliery at the time of the explosion on 2 March 1860, a supplement to the "Newcastle Daily Chronicle"

Reference: NEIMME/Wat/19/4a

Creation dates: 1 Aug 1809

Physical characteristics: Scale 2ch: 1"59cm x 50cm

Scope and Content

Sketch of old workings under the Ancient Infield Grounds at Backworth Estate, property of Ralph William Grey, surveyed by John Watson of Willington, bounded by Benton Moor, Killingworth Moor and Tynemouthshire Moor

Reference: NEIMME/Wat/19/5

Creation dates: [1809]

Physical characteristics: Scale 6ch: 1", 102cm x 67cm

Scope and Content

Survey of Backworth, property of Ralph William Grey, including a key and showing boreholes and the line of the Great Downcast Dyke, c. 1610 acres

Reference: NEIMME/Wat/19/6

Creation dates: 1815

Physical characteristics: Scale 8ch: 1", 90cm x 77cm

Scope and Content

Plan of Backworth, Holywell [Hallowell] and Earsdon, property of G.W. Grey, with part of the adjoining grounds, showing boreholes and the line of the Great Downcast Dyke, 1754 acres

Reference: NEIMME/Wat/19/7

Creation dates: [1815]

Physical characteristics: Scale 4ch: 1", 75cm x 61cm

Scope and Content

Estate plan of Backworth, property of Ralph Wm. Grey, showing line of the Great Downcast Dyke, C. 1610 acres

Reference: NEIMME/Wat/19/8

Creation dates: nd

Physical characteristics: Scale 5ch: 1", 103cm x 89cm

Scope and Content

Estate plan of Seaton Delaval, including a key. Piece missing from left hand corner, 1687 acres

Reference: NEIMME/Wat/19/9

Creation dates: 1821

Physical characteristics: Scale 4ch: 1", 50cm x

77cm

Scope and Content

Estate plan of Earsdon, property of Christopher Fenwick, bought by the Duke of Northumberland, surveyed by Thomas Bell, including a key, 263 acres, land bought as Fenwick's marriage settlement

Reference: NEIMME/Wat/19/10

Creation dates: May 1781

Physical characteristics: Scale 4ch: 1", 79cm x 66cm

Scope and Content

Plan of West Field and Wolf Hill farms in Holywell [Hallowell] property of Ralph Wm. Grey, surveyed by William Richardson, including a key, 350 acres, bounded by land belonging to Grey and Fenwick

Reference: NEIMME/Wat/19/11

Creation dates: nd

Physical characteristics: Scale 2ch: 1", 160cm x 114cm

Scope and Content

Plan of Hartley Colliery workings in the Low Main Seam

Reference: NEIMME/Wat/19/12

Creation dates: nd

Physical characteristics: Scale c. 3': 1", 28cm x 44cm

Scope and Content

Ground plan of a proposed engine at Hartley Colliery

Reference: NEIMME/Wat/19/13

Creation dates: [1821]

Physical characteristics: Scale 8ch: 1", 119cm x 104cm, slightly torn

Scope and Content

Estate plan of Backworth, Holywell [Hallowell] and Earsdon, marking pit

Reference: NEIMME/Wat/19/14

Creation dates: nd

Physical characteristics: 52cm x 91cm, part missing

Scope and Content

Estate plan of Seaton Delaval, showing boreholes, pits and troubles

Reference: NEIMME/Wat/19/15

Creation dates: nd

Physical characteristics: Scale 8ch: 1", 59cm x 91cm

Scope and Content

Estate plan of Seaton Delaval, property of Francis Blake Delaval, showing old and new pits, boreholes, water levels and dykes

Reference: NEIMME/Wat/19/16

Creation dates: nd

Physical characteristics: Scale 8ch: 1", 175cm x 126cm

Scope and Content

Estate plan of Backworth, Seghill and Burradon and colliery plan of Willington, Wallsend and Bigges Main, showing boreholes, pits and intended new winning in Seghill

Reference: NEIMME/Wat/19/17

Creation dates: July 1826

Physical characteristics: Scale 3ch: 1", 130cm x 153cm

Scope and Content

Plan of workings in the High Main Seam, Seghill Colliery, indicating boreholes and other pits

Reference: NEIMME/Wat/19/18

Creation dates: nd

Physical characteristics: 77cm x 102cm

Scope and Content

Estate plan of Seghill, showing boreholes and giving details of borings

Reference: NEIMME/Wat/19/19

Creation dates: nd

Physical characteristics: 111cm x 202cm

Scope and Content

Plan of Seghill indicating boreholes and lines of upcasts, downcasts, risers and dykes and marking Nightingale Pit

Reference: NEIMME/Wat/19/20

Creation dates: nd

Physical characteristics: Scale 3ch: 1", 130cm x 148cm

Scope and Content

Plan of Seghill Colliery, showing boreholes and giving details of borings

Reference: NEIMME/Wat/19/21

Creation dates: July 1826

Physical characteristics: Scale 1ch: 1", 55cm x 77cm

Scope and Content

Plan of the workings in the High Main Seam, Seghill Colliery, showing 2 dippers and the Engine and John Pits

Reference: NEIMME/Wat/19/22

Creation dates: Aug 1826

Physical characteristics: Scale 1ch: 1", 55cm x 77cm

Scope and Content

Plan of workings in the Grey Seam, Seghill Colliery, showing Engine and John Pits

Reference: NEIMME/Wat/19/23

Creation dates: March 1809

Physical characteristics: Scale 8ch: 1", 73cm x 56cm

Scope and Content

Plan of part of Backworth, property of R.W.Grey, showing pits, boreholes and intended waggonway

Reference: NEIMME/Wat/19/24

Creation dates: nd

Physical characteristics: Scale 2ch: 1", 65cm x 48cm

Scope and Content

Plan of Seghill, showing Engine Pit, line of the Cramlington Waggonway and proposed new road

Reference: NEIMME/Wat/19/25

Creation dates: nd

Physical characteristics: Scale ½ch: 1", 40cm x 76cm

Scope and Content

Plan of a proposed staith, probably at Seghill

Reference: NEIMME/Wat/19/26

Creation dates: nd

Physical characteristics: Scale 3fath: 1", 61cm x 34cm

Scope and Content

Section of strata sunk to the Engine Pit, Seghill Colliery

Reference: NEIMME/Wat/19/27

Creation dates: nd

Physical characteristics: Scale 9': 1", 68cm x 89cm, printed

Scope and Content

Details of an underground engine at Seghill Colliery, drawn by William Horsley, Junior

Reference: NEIMME/Wat/19/28

Creation dates: nd

Physical characteristics: Scale 2': 1", 68cm x 90cm, printed

Scope and Content

Ground plan of a 120 h.p. underground steam engine at Seghill Colliery, drawn by William Horsley, junior

Reference: NEIMME/Wat/19/29

Scope and Content

Side elevation of /28

Creation dates: 1854

Physical characteristics: Scale 200': 1", 56cm x 78cm printed

Scope and Content

Plan of proposed docks, yards and breakwaters in Blyth Harbour, James Abernethy, engineer

Reference: NRO 3410/Wat/19/30

Creation dates: 1854

Physical characteristics: Scale 200': 1", 56cm x 78cm printed

Scope and Content

Plan of proposed docks, yards and breakwaters in Blyth Harbour, James Abernethy, engineer

Reference: NEIMME/Wat/19/31

Creation dates: [1854]

Physical characteristics: Printed

Scope and Content

Proposal for work in Blyth Harbour by the Blyth Harbour, Docks and Railway Company, including a line of railway to connect the harbour to the Blyth and Tyne Railway, James Abernethy, engineer

Reference: NEIMME/Wat/19/32

Creation dates: 1853

Physical characteristics: Scale 500': 1", 82cm x 53cm, printed

Scope and Content

Plan of proposed docks, breakwaters and railway at Blyth Harbour and the connection to the Blyth and Tyne Railway, James Abernethy, engineer

Reference: NEIMME/Wat/19/33

Creation dates: 1857

Physical characteristics: Scale 400': 1", 28cm x 47cm, printed

Scope and Content

Map of Blyth Harbour, incorporating alterations, James Abernethy, engineer

NEIMME/Wat/20 WATSON PLANS FOR THE Parishes of Longbenton, Dinnington, Cramlington and Stannington.

Creation dates: 1730 - 1810

Scope and Content

BOUND VOLUME OF COLLIERY AND ESTATE PLANS.

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Reference: NEIMME/Wat/20/1

Creation dates: nd

Physical characteristics: Scale 8ch: 1", 48cm x 64cm

Scope and Content

Estate plan of Weetslade and East Wideopen

Reference: NEIMME/Wat/20/2

Creation dates: 1730

Physical characteristics: 71cm x 118cm

Scope and Content

Estate plan of West Brunton, 1123 acres, including key and giving pencil details of borings, scale 4ch: 1"

Reference: NEIMME/Wat/20/3

Creation dates: 1810

Physical characteristics: 63cm x 116cm

Scope and Content

Copy Estate plan of Dinnington, copied by William Row, junior, 760 acres, scale 4ch: 1", Original plan 1730, copy 1810

Reference: NEIMME/Wat/20/4

Creation dates: nd

Physical characteristics: 85cm x 68cm

Scope and Content

Estate plan of West Brunton, including key, scale 6ch: 1"

Reference: NEIMME/Wat/20/5

Creation dates: nd

Physical characteristics: 96cm x 69cm

Scope and Content

Estate plan of West Brunton, Fawdon and Dinnington, showing new winnings, scale 12ch: 1"

Reference: NEIMME/Wat/20/6

Creation dates: nd

Physical characteristics: 74cm x 64cm

Scope and Content

Estate plan of Dinnington, Fawdon and Brunton, 967 acres, showing a winning at Fawdon, scale 12ch: 1"

Reference: NEIMME/Wat/20/7

Creation dates: nd

Physical characteristics: 87cm x 59cm

Scope and Content

Estate plan of East Brunton, property of Charles John Brandling, 280 acres, scale 4ch: 1"

Reference: NEIMME/Wat/20/8

Creation dates: 1730 – 1810

Physical characteristics: 64cm x 81cm

Scope and Content

Estate plan of Wideopen, copy of an original plan from the Court of Chancery, now in the possession of Froggett, Robson and Lightfoot, attorneys to Grey Hesilrige, copied by William Row, junior, 651 acres, including a key, scale 4ch: 1" original plan 1730, copy 1810.

Reference: NEIMME/Wat/20/9

Creation dates: 1810

Physical characteristics: 64cm x 78cm

Scope and Content

Copy Estate plan of Fawdon, property of M. Bell, late Sir a. Hesilrige, copied by William Row, junior, 139 acres, including key, scale 4ch: 1"

Reference: NEIMME/Wat/20/10

Creation dates: 1810

Physical characteristics: 83cm x 67cm

Scope and Content

Estate plan of Weetslade, copy of an original plan from the Court of Chancery, now in the possession of Froggett, Robson and Lightfoot of Castle Street, London, attorneys to Grey Hesilrige, including a key, scale 4ch: 1" original plan [1730], copy 1810

Reference: NEIMME/Wat/20/11

Creation dates: 1730

Physical characteristics: 73cm x 95cm

Scope and Content

Estate plan of East Brunton, 919 acres, including a key, scale 4ch: 1"

Reference: NEIMME/Wat/20/12

Creation dates: 1769

Physical characteristics: 54cm x 64cm

Scope and Content

Estate plan of Brenkley and Mason, scale 8ch: 1"

Reference: NEIMME/Wat/20/13

Creation dates: 1769

Physical characteristics: 54cm x 64cm

Scope and Content

Estate plan of Brenkley and Mason, property of Matthew Duane

Reference: NEIMME/Wat/20/14

Creation dates: nd

Physical characteristics: Scale 16ch: 1", 45cm x 57cm

Scope and Content

Estate plan of Brenkley and Mason, faint marking of downcasts

Reference: NEIMME/Wat/20/15

Creation dates: nd

Physical characteristics: Scale 16ch: 1", 67cm x 101cm

Scope and Content

Estate plan of the east part of Castle Ward, marking pits

Reference: NEIMME/Wat/20/16

Creation dates: nd

Physical characteristics: 66cm x 92cm

Scope and Content

Estate plan of Cramlington, property of George Shum Storey, sale 8ch: 1"

Reference: NEIMME/Wat/20/17

Creation dates: nd

Physical characteristics: Scale 2ch: 1", 54cm x 69cm

Scope and Content

Plan of part of the workings in Main Seam at Downhill Colliery, property of Sir Matthew White Ridley, marking pits, boreholes and dykes

WATSON 20a Large Maps

Reference: NEIMME/Wat/20a/1

Creation dates: nd

Physical characteristics: Scale 8ch: 1", 44cm x 52cm

Scope and Content

Estate plan of Weetslade and Wideopen, property of Charles John Brandling, showing site of intended workmen's houses

Creation dates: nd

Physical characteristics: 26cm x 18cm

Scope and Content

Plan of existing bridle road and proposed new bridle road through Benton, property of Charles William Bigge

Creation dates: nd

Physical characteristics: 18cm x 23cm

Scope and Content

Plan of Longbenton Colliery, Bryans Main and Northumberland Main

Reference: NEIMME/Wat/20a/2

Creation dates: 6 Aug 1819

Physical characteristics: Scale 8ch: 1", 65cm x 100cm

Scope and Content

Estate plan of Killingworth Moor, marking new roads

Reference: NEIMME/Wat/20a/3

Creation dates: 1819

Physical characteristics: Scale 4ch: 1", 71cm x 118cm

Scope and Content

Estate plan of West Brunton, 1123 acres, including key and giving pencil details of borings

Reference: NEIMME/Wat/20a/4

Creation dates: 11 July 1809

Physical characteristics: Scale 4ch: 1", 170cm x 86cm

Scope and Content

Plan of the workings at Killingworth Colliery, showing lines of dykes and dips, marking boreholes and bad coal

Reference: NEIMME/Wat/20a/5

Creation dates: nd

Physical characteristics: Scale 2ch: 1", 69cm x 49cm

Scope and Content

Plan of Gosforth Pit and Heaton Old Engine Pit

Reference: NEIMME/Wat/20a/6

Creation dates: nd

Physical characteristics: Scale 16ch: 1", 65cm x 65cm

Scope and Content

Royalty plan of Longbenton, Heaton and Killingworth, marking colliery railways

Reference: NEIMME/Wat/20a/7

Creation dates: 6 Dec 1818

Physical characteristics: Scale 4ch: 1", 66cm x 75cm

Scope and Content

Plan of linings in the A Pit, Killingworth Colliery to ascertain the extent of workings made out of the royalty by Lord Carlisle into that of the Master and Fellows of Balliol College

Reference: NEIMME/Wat/20a/8

Creation dates: nd

Physical characteristics: 116cm x 115cm

Scope and Content

Plan of workings on Killingworth Moor, purchased from Thomas Pugh

Reference: NEIMME/Wat/20a/9

Creation dates: nd

Physical characteristics: Scale 8ch: 1", 50cm x 63cm

Scope and Content

Estate plan of Longbenton, property of Lord Carlisle, showing borings, pits, water levels, waggonways and line of the Great Dyke

Original 1749, copy nd

Related Material

See also Prof. M. Louis "Early Steam Engines in the North of England", Transactions of the Institute of

Mining Engineers, Vol LXXXII, 1932, pp.526 - 530.

Reference: NEIMME/Wat/20a/10

Creation dates: [1795]

Physical characteristics: 20cm x 31cm

Scope and Content

Plan of 2 houses in Longbenton

Reference: NEIMME/Wat/20a/11

Creation dates: nd

Physical characteristics: Scale 80yds: 1", 47cm x 59cm

Scope and Content

Plan of workings in Longbenton Colliery, showing drifts, pits and borings

Reference: NEIMME/Wat/20a/12

Creation dates: May 1749

Physical characteristics: Scale 4ch: 1", 95cm x 69cm

Scope and Content

Estate plan of Longbenton, property of the Earl of Carlisle, showing the line of dykes

Reference: NEIMME/Wat/20a/13

Creation dates: 22 March 1762

Physical characteristics: Scale 100yds: 1", 65cm x 87cm

Scope and Content

Plan of workings in Longbenton Colliery, property of Lord Ravensworth and Partners, showing pits, drifts and the new engine levels

Reference: NEIMME/Wat/20a/14

Creation dates: 1829

Physical characteristics: Scale 3ch: 1", 128cm x 98cm

Scope and Content

Plan of workings at Longbenton, part of the Earl of Carlisle's Royalty, showing boreholes, pits and old workings

Reference: NEIMME/Wat/20a/15

Creation dates: 22 March 1762

Physical characteristics: Scale 100yds: 1", 70cm x 107cm

Scope and Content

Plan of workings at Longbenton Colliery, property of Lord Ravensworth and Partners, showing pits, dykes and new engine levels

Reference: NEIMME/Wat/20a/16

Creation dates: nd

Physical characteristics: Scale 4ch: 1", 99cm x 65cm

Scope and Content

Plan of the workings in the High Main Seam at East Benton Colliery, referred to in a lease granted to Messrs Johnson and Partners, showing pits and the line of dykes

Reference: NEIMME/Wat/20a/17

Creation dates: nd

Physical characteristics: Scale 2ch: 1", 65cm x 101cm

Scope and Content

Plan of the Endeavour Pit, Walker Hill Colliery

Reference: NEIMME/Wat/20a/18

Creation dates: nd

Physical characteristics: Scale 8ch: 1", 65cm x 54cm

Scope and Content

Estate Plan of Walker

Reference: NEIMME/Wat/20a/19

Creation dates: May 1749

Scope and Content

Estate plan of Longbenton, property of Lord Carlisle, first draft of a survey by John Watson, showing water levels and line of Great Dykescale 8ch: 1"

Reference: NEIMME/Wat/20a/20

Creation dates: 1780

Physical characteristics: Scale 4ch: 1", 74cm x 54cm

Scope and Content

Plan of the coal on the upper side of the Thistle Pit Dyke, Walker, adjoining the land of Sir Matthew White Ridley I and Hargreave and Levoin, showing pits, Byker and Walker Engines and the Jane Pit Dyke

Reference: NEIMME/Wat/20a/21

Physical characteristics: 80cm x 65cm

Scope and Content

Plan of [Walker Colliery, 1821]

Reference: NEIMME/Wat/20a/22

Creation dates: nd

Physical characteristics: Scale 2ch: 1", 66mc x 50cm

Scope and Content

Plan of Heaton and Walker Collieries and Estates, showing pits and the line of the upcast dyke to the west

Reference: NEIMME/Wat/20a/23

Creation dates: [1823]

Physical characteristics: Scale 2ch: 1", 77cm x 67cm

Scope and Content

Plan of linings in Walker Colliery, showing pits and the face of Bigges Main Colliery workings

Reference: NEIMME/Wat/20a/24

Creation dates: nd

Physical characteristics: 66cm x 74cm

Scope and Content

Plan of the face workings in Bigges Main Colliery, showing Henry Pit

Reference: NEIMME/Wat/20a/25

Creation dates: [1810]

Physical characteristics: 255cm x 125cm

Scope and Content

Plan of the workings in Walker and Heworth Collieries, showing pits, borings, types of coal and extent of former workings Parts missing

Scope and Content

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Reference: NEIMME/Wat/21/1

Creation dates: 20 July 1764

Physical characteristics: Scale 8ch: 1", 119cm x 124cm

Scope and Content

Colliery plan of Shiremoor, property of the Earl of Northumberland, showing pits, borings, new waggonway and new winning

Reference: NEIMME/Wat/21/2

Physical characteristics: 116cm x 48cm. poor condition.

Scope and Content

As NEIMME/Wat/21/1, indicating supposed water level from new winning

Reference: NEIMME/Wat/21/3

Creation dates: 1764

Physical characteristics: 129cm x 55cm

Scope and Content

As NEIMME/Wat/21/1

Reference: NEIMME/Wat/21/4

Creation dates: 1784

Physical characteristics: Scale 4ch: 1", 96cm x 76cm

Scope and Content

Plan of Balkwell Farm, the property of Sir Ralph Milbank, surveyed by J. Fryer

Reference: NEIMME/Wat/21/5

Creation dates: 7 Dec 1769

Physical characteristics: Scale 4ch: 1", 145cm x 102cm

Scope and Content

Plan of Chirton Colliery, property of Edward Collingwood, John Liddell, Sir Ralph Milbank, the Duke of Northumberland, Earl of Carlisle, Lawson and Walker, including extensive key giving details of geology, workings and water levels, showing pits, boreholes, waggonway and crank gin, 1084 acres, parts missing

Reference: NEIMME/Wat/21/6

Creation dates: 1769

Physical characteristics: 115cm x 92cm

Scope and Content

As NEIMME/Wat/21/5

Reference: NEIMME/Wat/21/7

Creation dates: 1769

Physical characteristics: 111cm x 89cm

Scope and Content

As NEIMME/Wat/21/5

Reference: NEIMME/Wat/21/8

Creation dates: nd

Physical characteristics: Scale 5ch: 1", 106cm x 75cm

Scope and Content

Estate plan of Chirton, property of Edward Collingwood, Hylton Lawson, Walker, Sir Ralph Milbank, Duke of Northumberland and Earl of Carlisle, marking boreholes and dykes, 1084 acres

Reference: NEIMME/Wat/21/9

Creation dates: nd

Physical characteristics: 117cm x 63cm

Scope and Content

Estate plan of Chirton, property of Edward Collingwood, Hylton Lawson, Walker, Earl of Carlisle and Yeoman

Reference: NEIMME/Wat/21/10

Creation dates: 25 Oct 1804

Physical characteristics: Scale 8ch: 1", 65cm x 48cm

Scope and Content

Royalty plan of Chirton

Reference: NEIMME/Wat/21/11

Creation dates: nd

Physical characteristics: Scale 4ch: 1", 58cm x 76cm

Scope and Content

Estate plan of part of Chirton, property of J. Collingwood and A.M. Lawson, showing pits and lines of present and proposed waggonways

Reference: NEIMME/Wat/21/12

Creation dates: nd

Physical characteristics: 56cm x 78cm

Scope and Content

As NEIMME/Wat/21/11

Reference: NEIMME/Wat/21/13

Creation dates: nd

Physical characteristics: 34cm x 57cm

Scope and Content

Estate plan of part of Chirton, property of Michael Robson, Tyne Brewery and the executors of Mr Crawford, showing sites of proposed new pit and waggonways

Reference: NEIMME/Wat/21/14

Creation dates: nd

Physical characteristics: 35cm x 66cm

Scope and Content

As NEIMME/Wat/21/13

Reference: NEIMME/Wat/21/15

Creation dates: nd
x 78cm

Physical characteristics: Scale 4ch: 1", 49cm

Scope and Content

Estate plan of part of Chirton, property of J. Collingwood and A.M. Lawson, showing pits, waggonways and pitmen's houses

Reference: NEIMME/Wat/21/16

Creation dates: nd

Physical characteristics: Scale 1ch: 1", 38cm x 37cm

Scope and Content

Plan of part of Chirton, showing waggonway near Milbourn Place and spouts

Reference: NEIMME/Wat/21/17

Creation dates: Jan 1808

Physical characteristics: Scale 6': 1", 21cm x 46cm

Scope and Content

Plan of the first 10 houses at the north end of the building ground at Chirton Colliery

Reference: NEIMME/Wat/21/18

Creation dates: [1808]

Physical characteristics: Scale 6': 1", 25cm x 50cm

Scope and Content

Plan of the first 10 houses at the south end of the building ground at Chirton Colliery

Reference: NEIMME/Wat/21/18a

Creation dates: Nov 1845
printed

Physical characteristics: Scales 4ch: 1" and 40': 1", 65cm x 95cm,

Scope and Content

Plan and sections of the Northumberland Dock and Percy Branch Railway at Coble Dean, River Tyne, engineers Robert Stephenson and Robert Nicholson, showing Percy Main Colliery, Newcastle and North Shields Railway and Backworth and Fawdon Waggonways

Reference: NEIMME/Wat/21/19

Creation dates: nd

Physical characteristics: Scale 2ch: 1", 63cm x 55cm

Scope and Content

Plan of the north of the Coble Dean showing the present and ancient course of the rivulet at low water, bounded by Chirton and Flatworth Estates, surveyed by Thomas Bell, showing waggonways and coal staith

Reference: NEIMME/Wat/21/20

Creation dates: 1845

Scope and Content

Copy of NEIMME/Wat/21/18

Reference: NEIMME/Wat/21/21

Creation dates: nd

Physical characteristics: Scale 1ch: 1", 36cm x 44cm

Scope and Content

Plan of Chirton quayside and docks, showing waggonway to staith

Reference: NEIMME/Wat/21/22

Creation dates: nd

Physical characteristics: Scale 22yds: 1", 50cm x 45cm

Scope and Content

Plan of quays and houses [Chirton] at the west end of North Shields, leased by Lord Collingwood to Messrs Bells, Robson and Watson, for waggonways, showing line of proposed way

Reference: NEIMME/Wat/21/23

Creation dates: nd

Physical characteristics: Scale 1ch: 1", 36cm x 38cm

Scope and Content

Plan of Chirton dock and shipyard

Reference: NEIMME/Wat/21/24

Creation dates: nd

Physical characteristics: 24cm x 42cm

Scope and Content

Sketch of the holing round the Hopewell Pit shaft in the Low Main Seam, Burdon Main Colliery

Reference: NEIMME/Wat/21/25

Creation dates: nd

Physical characteristics: 230cm x 165cm

Scope and Content

Plan of workings in Chirton Colliery

Reference: NEIMME/Wat/21/26

Creation dates: nd

Physical characteristics: 46cm x 116cm

Scope and Content

Section of a line of a waggonway from Chirton Engine Pit to the staith

Reference: NEIMME/Wat/21/26a

Creation dates: 1845 Physical characteristics: Scales 4ch: 1" and 40': 1", 84cm x 97cm printed

Scope and Content

Plan and section of Tynemouth Docks

Reference: NEIMME/Wat/21/27

Creation dates: 1757

Physical characteristics: Scale 8ch: 1", 100cm x 65cm

Scope and Content

Estate plan of Preston and Tynemouth, surveyed by Thompson, 1219 acres, including key

Reference: NEIMME/Wat/21/28

Creation dates: 5 Feb 1819

Physical characteristics: Scale 2ch: 1", 62cm x 58cm

Scope and Content

Plan of Preston North Farm, property of Thomas Fenwick

Reference: NEIMME/Wat/21/29

Creation dates: 1795

Physical characteristics: Scale 4ch: 1", 65cm x 97cm

Scope and Content

Estate plan of Shiremoor and Benton Moor, property of Ralph William Grey, showing Scaffold Hill Quarries

Reference: NEIMME/Wat/21/30

Creation dates: 1798

Physical characteristics: Scale 4ch: 1", 65cm x 56cm

Scope and Content

Plan of Dockwray Square, Shiremoor, property of Mr Liddell, surveyed by George Pickering, including key, 157 acres

Reference: NEIMME/Wat/21/31

Creation dates: July 1811

Physical characteristics: Scale 32ch: 1", 47cm x 78cm

Scope and Content

Plan of Murton Colliery and farm, property of Robert Ward, 200 acres, showing pits, waggonway to Murton Staith and new winnings in Percy Main and Collingwood Main

Reference: NEIMME/Wat/21/32

Creation dates: 1811

Physical characteristics: 38cm x 24cm

Scope and Content

As NEIMME/Wat/21/31

Reference: NEIMME/Wat/21/33

Creation dates: 13 Feb 1818

Physical characteristics: Scale 8': 1", 75cm x 45cm

Scope and Content

Section of seams sunk through from the High Main to the Yard Coal at Murton and Burdon Main Collieries

Reference: NEIMME/Wat/21/34

Creation dates: nd

Physical characteristics: 44cm x 41cm

Scope and Content

Plans of Percy Main Waggonway and staith and Murton East and West spouts and plan and section of west spout, with estimate of costs of building a platform between the gears of Murton Staith

NEIMME/Wat/22 WATSON PLANS FOR THE Parish of Wallsend

Creation dates: 1796-1815

Scope and Content

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Reference: NEIMME/Wat/22/1

Creation dates: nd

Physical characteristics: 128cm x 148cm

Scope and Content

Plan of workings in Wallsend Colliery, showing pits, staiths, dykes, water level drifts and a lime kiln

Scale 3ch: 1"

Reference: NEIMME/Wat/22/2

Creation dates: 2 Aug 1808

Physical characteristics: 50cm x 58cm

Scope and Content

Plan of collieries in Wallsend, property of Bells, Brown, Russell and Temple, including Percy Main, Collingwood Main and Temple Main, showing pits and water level, scale 12ch: 1"

Reference: NEIMME/Wat/22/3

Creation dates: [1808]

Physical characteristics: 36cm x 43cm

Scope and Content

As, showing new winnings, scale 16ch: 1"

Reference: NEIMME/Wat/22/4

Scope and Content

As NEIMME/Wat/22/2

Reference: NEIMME/Wat/22/5

Creation dates: nd

Physical characteristics: 36cm x 47cm

Scope and Content

Sketch plan of [Willington], bounded by land belonging to the Duke of Northumberland and Bewicke

and Craster

Reference: NEIMME/Wat/22/6

Creation dates: 26 March 1827

Physical characteristics: 47cm x 60cm

Scope and Content

Plan of Willington Waggonway and Staith, surveyed by John Bell, scale 2ch: 1"

Reference: NEIMME/Wat/22/7

Creation dates: 20 Aug 1811

Physical characteristics: 47cm x 60cm

Scope and Content

Plan of part of the land belonging to Bewicke and Craster at Willington Quay, showing proposed line of footpath to Benton Staith, showing Willington Staith, Benton and Killingworth Waggonways, a steam mill and ballast machine, scale 4ch: 1"

Reference: NEIMME/Wat/22/8

Creation dates: nd

Physical characteristics: 27cm x 155cm

Scope and Content

Plan of the workings in the Bensham Seam at Willington Quay and Jarrow, marking pits, scale 2ch: 1",

Reference: NEIMME/Wat/22/9

Physical characteristics: 133cm x 107cm

Scope and Content

As, marking pits, rolleyways and crane

Reference: NEIMME/Wat/22/10

Creation dates: April 1806

Physical characteristics: 103cm x 118cm

Scope and Content

Estate plan of Wallsend, property of Russell, Bells and Brown and Temple, surveyed by John Watson, marking Bells' and Brown's new winnings, scale 6ch: 1"

Reference: NEIMME/Wat/22/11

Creation dates: 1806

Scope and Content

As NEIMME/Wat/22/10

Reference: NEIMME/Wat/22/12

Creation dates: nd

Physical characteristics: 50cm x 51cm

Scope and Content

Estate plan of Wallsend, property of Russell and Temple, and of Collingwood Main, property of Bells and Brown, scale 12ch: 1"

Reference: NEIMME/Wat/22/13

Creation dates: nd

Scope and Content

As NEIMME/Wat/22/12

Reference: NEIMME/Wat/22/14

Creation dates: nd

Physical characteristics: 116cm x 135cm

Scope and Content

Estate plan of Willington Quay, showing Willington and Benton Staiths and a steam mill

Reference: NEIMME/Wat/22/15

Creation dates: nd

Physical characteristics: 137cm x 140cm

Scope and Content

As NEIMME/Wat/22/14, also showing ballast machine and a new winning at Willington and workings in the dip dyke at Jarrow

Reference: NEIMME/Wat/22/16

Creation dates: [1791]

Physical characteristics: 51cm x 65cm

Scope and Content

Plan of linings made at Engine Pit, Willington

Reference: NEIMME/Wat/22/17

Creation dates: [1791]

Physical characteristics: 55cm x 72cm

Scope and Content

Plan of workings in Willington, showing the Engine Pit and stone drift

Reference: NEIMME/Wat/22/18

Creation dates: 1, 12 Aug 1791

Physical characteristics: 42cm x 55cm

Scope and Content

Plan of linings and survey taken from the centre of the Bewicke Pit shaft, Willington, showing workings

Reference: NEIMME/Wat/22/19

Creation dates: nd

Physical characteristics: 63cm x 51cm

Scope and Content

Plans of proposed alterations to a public house and farm house on Willington Farm, property of Charles William Bigge, scale 6': 1",

Reference: NEIMME/Wat/22/20

Creation dates: nd

Physical characteristics: 65cm x 52cm

Scope and Content

Unidentified plan

Reference: NEIMME/Wat/22/21

Creation dates: 8 Feb 1804

Physical characteristics: 77cm x 47cm

Scope and Content

Section of an engine house and cross section of a pit at Willington, property of Matthew Bell, drawn by Fenton, Murray and Wood, scale 4': 1"

Reference: NEIMME/Wat/22/22

Creation dates: 30 March 1811

Physical characteristics: 55cm x 42cm

Scope and Content

Estimate of the cost of rebuilding a public house and a farm house at Willington Farm, property of Charles William Bigge, by C.L. Stoker

Reference: NEIMME/Wat/22/22a

Creation dates: nd

Physical characteristics: 98cm x 58cm

Scope and Content

Estate plan of Willington Farm, property of Sir Ralph Milbanke, including key to roads, buildings and waste grounds, scale 4ch: 1"

Reference: NEIMME/Wat/22/23

Creation dates: 9 March 1811

Physical characteristics: 53cm x 77cm

Scope and Content

Sketch of a quay proposed to be built on the west side of the gutt adjacent to Willington Quay, showing Willington and Benton Staiths, including key, scale 2ch: 1"

Reference: NEIMME/Wat/22/24

Creation dates: nd

Scope and Content

List of estimated costs for building 23 above.

Incomplete

Reference: NEIMME/Wat/22/25

Creation dates: nd

Physical characteristics: 62cm x 50cm

Scope and Content

Sketch of the grounds through which the Bewicke Pit Waggonway passes, property of Bewicke and Craster, John Orde and Charles William Bigge, showing pits and old and new lines of waggonway, scale 4ch: 1"

Reference: NEIMME/Wat/22/26

Creation dates: nd

Physical characteristics: 27cm x 29cm

Scope and Content

Sketch of a waggonway (probably a continuation of 25) from the turnpike road to the quay, giving measurements of old and new waggonways, scale 4ch: 1"

Reference: NEIMME/Wat/22/27

Creation dates: nd

Physical characteristics: 34cm x 195cm

Scope and Content

Plan of the line of the Bigges Main Byway and high water line, with distance between the two

Reference: NEIMME/Wat/22/28

Creation dates: 1815

Scope and Content

Plan of the workings in the High Main Seam, Bigges Main as left in 1797, showing coal left along eastern boundary adjoining Russel's Wallsend Colliery, surveyed by John Watson, scale 4ch: 1", Jan 1815.

Related Material

See also report re the thinning of the Western barrier at Wallsend, 18 Jan 1815, Wat/3/105/7

Reference: NEIMME/Wat/22/29

Creation dates: nd

Physical characteristics: 60cm x 47cm

Scope and Content

Unidentified plan [?Bigges Main] showing A and B Pits

Reference: NEIMME/Wat/22/30

Creation dates: [1796]

Physical characteristics: 33cm x 49cm

Scope and Content

Plan of an engine and boiler [?Bigges Main], scale 3': 1"

Reference: NEIMME/Wat/22/31

Creation dates: 7 Oct 1796

Scope and Content

Specifications for a Boulton and Watt Engine at Bigges Main

Specifications for work on an engine at Willington, 5 Sept 1796

NEIMME/Wat/23 WATSON PLANS FOR THE Parishes of Woodhorn [Woodburn], Bothal and Bedlington. Scope and Content BOUND VOLUME OF COLLIERY AND ESTATE PLANS.

Reference: NEIMME/Wat/23/1

Creation dates: [1830]

Physical characteristics: Scale 8ch: 1", 60cm x 87cm

Scope and Content

Estate plan of Cowpen, property of the representatives of the late Rev Robert Croft and partners and Newsham, property of Sir Matthew White Ridley, showing the barrier between the estates, marking Cowpen Pits and Whin Dyke

Reference: NEIMME/Wat/23/2

Creation dates: 19 Nov 1830

Physical characteristics: Scale 4ch: 1", 48cm x 60cm

Scope and Content

Plan of workings in A Pit, Cowpen Colliery showing the line of the barrier to be left against Newsham, property of Sir Matthew White Ridley and Rev Robert Croft and partners, marking waggonway and Blyth and Cowpen Quays

Reference: NEIMME/Wat/23/3

Creation dates: 1830

Physical characteristics: 49cm x 58cm

Scope and Content

As NEIMME/Wat/23/2 above, with explanatory note by John Straker and John Watson

Reference: NEIMME/Wat/23/4

Creation dates: 1830

Physical characteristics: 49cm x 64cm

Scope and Content

As NEIMME/Wat/23/2 above, with letter of explanation addressed to John Watson

Reference: NEIMME/Wat/23/5

Creation dates: nd

Physical characteristics: 64cm x 101cm

Scope and Content

Plan of workings in B Pit [? Cowpen], marking the Whin Dyke, scale 4ch: 1"

Reference: NEIMME/Wat/23/6

Creation dates: nd

Physical characteristics: 64cm x 101cm

Scope and Content

Plan of workings in A Pit [? Cowpen], marking a house, property of Mr Hogget

Reference: NEIMME/Wat/23/7

Creation dates: nd

Physical characteristics: 103cm x 90cm

Scope and Content

Plan of workings in the High Main Seam, Cowpen, property of Rev Robert Croft and others, marking waggonway and pits, scale 4ch: 1"

Reference: NEIMME/Wat/23/8

Creation dates: nd

Physical characteristics: 109cm x 155cm

Scope and Content

As NEIMME/Wat/23/7 above, marking Cowpen village and barrier

Reference: NEIMME/Wat/23/9

Creation dates: [1750]

Physical characteristics: 61cm x 40cm

Scope and Content

Plan of Black Close or Cambois Colliery marking pits, boreholes and quay

Reference: NEIMME/Wat/23/10

Creation dates: 20 March 1755

Physical characteristics: 38cm x 50cm

Scope and Content

Plan of Black Close or Cambois Colliery, property of the Countess of Oxford, surveyed by John Watson, marking quay, staith, pits, boreholes, waggonway and houses, scale 2ch: 1"

Reference: NEIMME/Wat/23/11

Creation dates: 1788

Physical characteristics: 53cm x 75cm

Scope and Content

Estate plan of Choppington and Sheepwash (Bedlington), scale 8ch: 1"

Reference: NEIMME/Wat/23/12

Creation dates: 1815

Physical characteristics: 72cm x 32cm

Scope and Content

Estate plan of Cambois and East Sleekburn

Reference: NEIMME/Wat/23/13

Creation dates: 1802

Physical characteristics: 100cm x 134cm

Scope and Content

Estate plan of East Sleekburn (Bedlington), surveyed by John Bell, scale 3ch: 1"

Reference: NEIMME/Wat/23/14

Creation dates: 1798

Physical characteristics: 64cm x 71cm

Scope and Content

Estate plan of Netherton, property of Fredrick, Earl Carlisle, surveyed by F. White, York, scale 8ch: 1"

Reference: NEIMME/Wat/23/15

Creation dates: [c.1815, pencil annotations dated 1832]

Physical characteristics: 70cm x 52cm

Scope and Content

Plan of grounds between Blyth and Netherton belonging to the Bishop of Durham, including key and showing site of a proposed winning at Netherton and proposed waggonway from it to Blyth harbour and Blyth staith and Cowpen Colliery Waggonway

Reference: NEIMME/Wat/23/16

Creation dates: nd

Physical characteristics: 163cm x 77cm

Scope and Content

Plan of workings at Netherton Colliery marking pits

Reference: NEIMME/Wat/23/17

Creation dates: nd

Physical characteristics: 54cm x 76cm

Scope and Content

As above, marking a house, property of Mr Pows, scale 2ch: 1"

Reference: NEIMME/Wat/23/18

Creation dates: [1819]

Physical characteristics: 55cm x 37cm

Scope and Content

Plan of workings in the Yard Seam, Netherton Colliery, marking pits, scale 2ch: 1"

Reference: NEIMME/Wat/23/19

Creation dates: nd

Physical characteristics: 56cm x 33cm

Scope and Content

Plan of workings from the Far Pit, Walker

Related Material

See also NEIMME/Wat/23/20.

Reference: NEIMME/Wat/23/20

Creation dates: nd

Physical characteristics: 145cm x 107cm

Scope and Content

Plan of workings in the Main Seam, Netherton, property of the Earl of Carlisle, leased to Messrs King and Bell, marking pits, boreholes and the Whin Dyke, scale 2ch: 1"

**NEIMME/Wat/23a WATSON PLANS FOR THE Parishes of Newburn,
Ovingham, Heddon and Haltwhistle.**

Creation dates: 1728 - 1820

Scope and Content

BOUND VOLUME OF COLLIERY AND ESTATE PLANS.

VOLUME IS MARKED WITH THE ORIGINAL SHELF NUMBER.

THIS ORIGINAL SHELF NUMBER HAS BEEN RETAINED,

PREFACED BY THE IDENTIFIER WAT/

Reference: NEIMME/Wat/NEIMME/Wat/23a/1

Creation dates: nd

Physical characteristics: 66cm x 196cm

Scope and Content

Plan of the workings in the Main Coal Seam, at Black Shiel Bogg Colliery, property of Robert Pearson, giving depths of pits and boreholes, scale 2ch: 1"

Reference: NEIMME/Wat/NEIMME/Wat/23a/2

Creation dates: nd

Physical characteristics: 75cm x 110cm

Scope and Content

Plan of the Main Coal Seam [Black Sheil Bogg Colliery, Haltwhistle]

Reference: NEIMME/Wat/NEIMME/Wat/23a/3

Creation dates: 1772

Physical characteristics: 90cm x 87cm

Scope and Content

Plan of Plainmeller Common, Haltwhistle scale 8ch: 1"

Reference: NEIMME/Wat/23a/4

Creation dates: May 1820

Physical characteristics: 48cm x 96cm

Scope and Content

Section of 3 seams of coal at Kingswood Colliery, property of Geoffrey Waldie and showing the depths at which coal should be found under Plainmeller Common, property of Robert Pearson, scale 20yds: 1"

Reference: NEIMME/Wat/23a/5

Creation dates: 1728

Physical characteristics: 69cm x 66cm

Scope and Content

Estate plan of the boundaries and extent of the enclosed land at Hedley on the Hill and Ovingham, property of His Grace the Duke of Somerset, Mr Surtees and Thomas Turner, surveyed by John Robinson, scale 5ch: 1"

Reference: NEIMME/Wat/23a/6

Creation dates: 1728

Scope and Content

Explanation of NEIMME/Wat/23a/5

Reference: NEIMME/Wat/23a/7

Creation dates: nd

Physical characteristics: 87cm x 66cm

Scope and Content

Plan of workings in the Splint Seam, Heddon Colliery, scale 4ch: 1"

Reference: NEIMME/Wat/23a/8

Creation dates: nd

Physical characteristics: 98cm x 66cm

Scope and Content

As NEIMME/Wat/23a/7

Reference: NEIMME/Wat/23a/9

Creation dates: nd

Physical characteristics: 82cm x 167cm

Scope and Content

Plan of workings in the Low Main Seam, East Denton Colliery, scale 4ch: 1"

Reference: NEIMME/Wat/23a/10

Creation dates: nd

Physical characteristics: 44cm x 115cm

Scope and Content

Plan of workings in the Severn Quarter or Kenton Main Seam, East Denton Colliery, scale 2ch: 1"

Reference: NEIMME/Wat/23a/11

Creation dates: nd

Physical characteristics: 31cm x 126cm

Scope and Content

As NEIMME/Wat/23a/10 above

Reference: NEIMME/Wat/23a/12

Creation dates: 1789

Physical characteristics: 65cm x 106cm

Scope and Content

Plan of an estate called Newbiggin, property of Lord Carlisle, surveyed by Thomas Wilkin, scale 4ch: 1"

Reference: NEIMME/Wat/23a/13

Creation dates: nd

Physical characteristics: 96cm x 116cm

Scope and Content

Estate plan of East and West Fawdon, Smith's Close and Bullock Stead

Reference: NEIMME/Wat/23a/14

Creation dates: nd

Physical characteristics: 76cm x 102cm

Scope and Content

Estate plan of Brunton and Newbiggin grounds, property of the Earl of Carlisle, marking position of the workings and including explanation of the plan, scale 3ch: 1"

Reference: NEIMME/Wat/23a/15

Creation dates: nd

Physical characteristics: 86cm x 160cm

Scope and Content

Plan of workings in the Beaumont Seam south of the main dyke and in the Five Quarter Seam north of the main dyke, East Denton Colliery, giving depths of pits, scale 4ch: 1"

Reference: NEIMME/Wat/23a/16

Creation dates: 1754

Physical characteristics: 112cm x 66cm

Scope and Content

Estate plan of East Denton and a farm in Lemington, surveyed by Isaac Thompson, scale 4ch: 1"

Reference: NEIMME/Wat/23a/17

Creation dates: nd

Physical characteristics: 27cm x 37cm

Scope and Content

Plan showing the site of Tryal Pit, East Denton and Sussex Pit, West Denton, including explanation re the coal from West Denton, scale 2ch: 1"

Reference: NEIMME/Wat/23a/18

Creation dates: nd

Physical characteristics: 51cm x 38cm

Scope and Content

Plan of workings in the Beaumont Seam, East Denton Colliery, showing Sussex, Montagu and Good Intent Pits, scale 2ch: 1"

Reference: NEIMME/Wat/23a/19

Creation dates: nd

Physical characteristics: 64cm x 50cm

Scope and Content

Plan of workings at Tryal Pit, [East Denton]

Reference: NEIMME/Wat/23a/20

Creation dates: nd

Physical characteristics: 48cm x 65cm

Scope and Content

Section of the Beaumont Seam [East Denton Colliery], scale 72': 1"

Reference: NEIMME/Wat/23a/21

Creation dates: 1781

Physical characteristics: 99cm x 65cm

Scope and Content

Estate plan of enclosed lands at Throckley, property of Greenwich Hospital, showing pits, scale 4ch: 1"

Reference: NEIMME/Wat/23a/22

Creation dates: nd

Physical characteristics: 100cm x 66cm

Scope and Content

Plan of workings in the Engine Seam, Throckley Colliery, scale 4ch: 1"

Reference: NEIMME/Wat/23a/23

Creation dates: nd

Physical characteristics: 93cm x 65cm

Scope and Content

Plan of workings in an unidentified colliery

Reference: NEIMME/Wat/23a/24

Creation dates: nd

Physical characteristics: 54cm x 42cm

Scope and Content

Estate plan of West Denton or Bells Close, lately belonging to John Blackett, now the property of John Baker, and of Lemington and East Denton, belonging to Edward Montague, marking position of the borehole and proposed site of the engine, scale 10ch: 1"

Reference: NEIMME/Wat/23a/25

Creation dates: nd

Physical characteristics: 86cm x 66cm

Scope and Content

Estate plan of West Denton, showing position of the pits, scale 4ch: 1"

Reference: NEIMME/Wat/23a/26

Creation dates: nd

Physical characteristics: 76cm x 38cm

Scope and Content

Plan of workings in the Low Main Seam, Sugely Farm, adjacent to West Denton, property of Lord Rokeby scale 2ch: 1"

Reference: NEIMME/Wat/23a/27

Creation dates: nd

Physical characteristics: 21cm x 33cm

Scope and Content

Horizontal elevation of the proposed battery across the gill near Guard's Grounds [between Prudhoe and Crawcrook], scale 10yds: 1"

Reference: NEIMME/Wat/23a/28

Physical characteristics: 21cm x 33cm

Scope and Content

Side elevation as above, including estimate of cost

Reference: NEIMME/Wat/23a/29

Creation dates: nd

Physical characteristics: 21cm x 33cm

Scope and Content

Side elevation of the intended bridge at the gill near Guard's Grounds, including estimate of cost, scale 10yds: 1"

Reference: NEIMME/Wat/23a/30

Creation dates: nd

Physical characteristics: 33cm x 21cm

Scope and Content

Horizontal and side elevations of [a waggonway], including estimate of costs, scale 60': 1"

Reference: NEIMME/Wat/23a/31

Creation dates: nd

Physical characteristics: 21cm x 33cm

Scope and Content

Perspective elevation of Mickley Moor intended battery across the burn and gill near Mickley Moor New Winning, including estimate of costs, scale 10yds: 1

NEIMME/Wat/24 WATSON PLANS FOR Northumberland General, Vol. 1.

Creation dates: 1750 - 1850

Scope and Content

BOUND VOLUME OF COLLIERY AND ESTATE PLANS.

VOLUME IS MARKED WITH THE ORIGINAL SHELF NUMBER. THIS ORIGINAL SHELF NUMBER HAS BEEN RETAINED, PREFACED BY THE IDENTIFIER WAT/

Reference: NEIMME/Wat/24/1

Creation dates: c.1772 Physical characteristics: Scale 4ch: 1", 64cm x 51cm, printed

Scope and Content

Plan of the lower part of the River Tyne by John Fryer, Mathematician in Newcastle surveyed 1772, 1773

Reference: NEIMME/Wat/24/2

Creation dates: c.1773 Physical characteristics: 65cm x 207cm, printed

Scope and Content

Continuation of NEIMME/Wat/24/1 above to the estuary, including a drawing of the ruins of Tynemouth Castle, published by John Fryer and dedicated to him by the master pilots and seamen of Trinity House, Newcastle, 27 May 1773

Reference: NEIMME/Wat/24/3

Creation dates: 1773 Physical characteristics: 65cm x 51cm

Scope and Content

Part of NEIMME/Wat/24/1 & NEIMME/Wat/24/2, Jarrow section

Reference: NEIMME/Wat/24/4

Creation dates: 1773 Physical characteristics: 65cm x 51cm

Scope and Content

Part of NEIMME/Wat/24/1 & NEIMME/Wat/24/2, Tynemouth section

Reference: NEIMME/Wat/24/5

Creation dates: 1773 Physical characteristics: 65cm x 54cm

Scope and Content

Part of NEIMME/Wat/24/1 & NEIMME/Wat/24/2, Central section

Reference: NEIMME/Wat/24/6

Creation dates: nd c.1851 Physical characteristics: 67cm x 89cm, printed

Scope and Content

Plan of the Tyne Estuary, showing Mr Rendel's piers and the north and south piers proposed by W.A. Brooks SCALE 4ch: 1" 1832, 1845, 1851

Reference: NEIMME/Wat/24/7

Creation dates: [1850]

Physical characteristics: 65cm x 85cm, printed

Scope and Content

Plan of Winlaton, Swalwell, Whickham and Dunston, marking the River Derwent, Swalwell Iron Works, Swalwell Branch Railway and Newcastle and Carlisle Railway and Team Iron Works, engraved by M. and M.W. Lambert, Newcastle, scale 4ch: 1"

Reference: NEIMME/Wat/24/8

Creation dates: 1851

Physical characteristics: 62cm x 94cm, printed

Scope and Content

Plan of the River Tyne from Hedwin Streams to the Spar Hawke in the sea, showing projections and improvements recommended by W.A. Brooks, C.E. and referred to in the report to the Tyne Commissioners, marking railways, iron, lead and engine works, staiths, collieries, chemical works, ballast works, quarries and quays, litographed by M. and M.W. Lambert, Newcastle, scale 4": 1 mile

Reference: NEIMME/Wat/24/9

Creation dates: nd c.19th century

Physical characteristics: 67cm x 48cm

Scope and Content

Plan of the Tyne estuary including Tynemouth and Jarrow, original c.1600, 19th century copy

Reference: NEIMME/Wat/24/10

Creation dates: nd

Physical characteristics: 53cm x 48cm, printed

Scope and Content

Map showing the situation of the Tyne Collieries and principal roads and waggonways, scale 1 mile: 1"

Reference: NEIMME/Wat/24/11

Creation dates: nd

Scope and Content

As NEIMME/Wat/24/10

Reference: NEIMME/Wat/24/12

Creation dates: nd

Physical characteristics: 64cm x 53cm

Scope and Content

Plan of part of the River Pont [near Ponteland] showing land bounded by property of Mr Dunn, Nathaniel Ogle and John Stapleton and showing Cold Coats Burn and Small Burn

Reference: NEIMME/Wat/24/13

Creation dates: 1840

Physical characteristics: 55cm x 95cm, printed

Scope and Content

Plan of the Tyne from Newcastle to the sea, showing the situation of coal staiths on both sides of the river with their depths at high water of spring tides and their distances from collieries on the river, including an elevation of a coal staith with drop and spout, drawn by P.S. Reid and engraved by M. And M.W. Lambert of Newcastle, scale 4": 1 mile

Reference: NEIMME/Wat/24/14

Creation dates: 1840 Scope and Content

As NEIMME/Wat/24/13

Reference: NEIMME/Wat/24/15

Creation dates: 1851

Physical characteristics: 65cm x 83cm, printed

Scope and Content

Plan and sections of a proposed dock t Warkworth Harbour on the River Coquet at Amble, showing staiths, railways, proposed dock and extentions to the north pier, by George Remington, engineer, litographed by F. Warr of Holburn, London scales 2ch: 1" and 80': 1"

Reference: NEIMME/Wat/24/16

Creation dates: nd

Physical characteristics: 76cm x 62cm

Scope and Content

Plan of the workings in the east part of Tannhouse Colliery scale 2ch: 1"

Reference: NEIMME/Wat/24/17

Creation dates: nd

Physical characteristics: 81cm x 99cm

Scope and Content

Plan of workings in Chirton Colliery, marking pits, water levels and crank gin and giving details of borings scale 2ch: 1"

Reference: NEIMME/Wat/24/18

Creation dates: [1766]

Physical characteristics: 33cm x 52cm, part missing

Scope and Content

Survey of Boghall Colliery, Unthank (Berwick) marking the barrier of whole coal against Tweedmouth Moor, pit houses and Alexander Grey's House scale 10ch: 1"

Reference: NEIMME/Wat/24/19

Creation dates: [c.1750]

Physical characteristics: 33cm x 80cm

Scope and Content

Plan of the River Wansbeck from Morpeth to the sea, showing land belonging to the Duke of Portland and Lord Carlisle and workings at Morpeth Banks and Choppington scale 400yds: 1"

Reference: NEIMME/Wat/24/20

Creation dates: 1772-1812

Physical characteristics: 67cm x 200cm

Scope and Content

Plan of the lower part of the River Tyne from a survey by John Fryer, copied by J. Story, scale 4ch: 1", original survey 1772, copy 1812

Related Material

See NEIMME/Wat/24/1 - NEIMME/Wat/24/5

Reference: NEIMME/Wat/24/21

Creation dates: nd

Physical characteristics: 41cm x 29cm. printed

Scope and Content

Plan of the mining district of Alston Moor, with part of the dales of the Tyne, Wear and Tees, published

by W. Davison of Alnwick, engraved by W. Collard, scale 4 miles: 1"

Reference: NEIMME/Wat/24/22

Creation dates: 30 April 1777

Physical characteristics: 53cm x 41cm

Scope and Content

Plan of a new winning at Cold Rise, Newham, showing boreholes, with explanation of workings, signed by William Brown, scale 4ch: 1"

Reference: NEIMME/Wat/24/23

Creation dates: 18 Jan 1850

Physical characteristics: 54cm x 81cm, printed

Scope and Content

Plan of Alnwick Moor referred to by the provisional order for enclosure, lithographed by A. Reid, Newcastle, scale 12ch: 1"

Reference: NEIMME/Wat/24/24

Creation dates: 1770

Physical characteristics: 60cm x 60cm

Scope and Content

Plan of Newbiggin Colliery, property of Lord Carlisle, scale 4ch: 1"

Reference: NEIMME/Wat/24/25

Creation dates: [25 April 1849]

Physical characteristics: 70cm x 125cm

Scope and Content

Plan of workings in the Low Main Seam, Cowpen Colliery, marking pits and boreholes, Sleekburn Village and the River Blyth, scale 4ch: 1"

Reference: NEIMME/Wat/24/26

Creation dates: nd

Physical characteristics: 49cm x 36cm, printed

Scope and Content

Plan of the Tyne Low Main Seam, showing the lines of the section, swelly of thick coal, and the tract over which the b and has been proved, covering Earsdon, Holywell, Backworth, Burradon, Seghill, Seaton Delaval and Cramlington, lithographed by Andrew Reid of Newcastle, scale 32ch: 1"

Reference: NEIMME/Wat/24/27

Scope and Content

As NEIMME/Wat/24/26

Reference: NEIMME/Wat/24/28

Creation dates: nd

Physical characteristics: 76cm x 170cm

Scope and Content

Plan of workings in Morpeth, marking pits, boreholes and waggonway

Reference: NEIMME/Wat/24/29

Creation dates: nd [c.1825]

Physical characteristics: 74cm x 97cm

Scope and Content

Estate plan of Halliwell Reins, copied from an old plan, showing pits, engines, waggonway and downcast dyke and workings, including a key, scale 3ch: 1", original n.d. copy Dec 1825

Reference: NEIMME/Wat/24/30

Creation dates: nd

Physical characteristics: 72cm x 160cm

Scope and Content

Estate plan of Prestwick Carr, scale 4ch: 1"

Reference: NEIMME/Wat/24/31

Creation dates: May 1823

Physical characteristics: 83cm x 74cm

Scope and Content

Plan of workings in Jesmond Colliery at present worked by Sir Thomas Burdon and of the mansion houses and offices belonging to Messrs Anderson and Losh, showing surface damage and drains, scale 1ch: 1"

Reference: NEIMME/Wat/24/32

Creation dates: [2 Feb 1799]

Physical characteristics: 75cm x 66cm

Scope and Content

Plan of workings in Talkin Colliery, Cumberland, scale 2ch: 1"

Reference: NEIMME/Wat/24/33

Creation dates: nd

Physical characteristics: 150cm x 163cm

Scope and Content

Plan of Cowpen estate and workings

Reference: NEIMME/Wat/24/34

Scope and Content

Wat/20/10. Estate plan of Weetslade

Reference: NEIMME/Wat/24/35

Creation dates: nd [c.1730]

Physical characteristics: 52cm x 71cm

Scope and Content

Estate plan of West Brunton, property of Sir Arthur Hesilrige of Nosely, Leicester, surveyed by William Donkin and copied by John Easton, mining engineer, 1123 acres, 8ch: 1", original 1730, copy n.d

Reference: NEIMME/Wat/24/36

Creation dates: nd

Physical characteristics: 54cm x 74cm

Scope and Content

Plan of Cambois Colliery adjacent to the River Wansbeck, marking pits, borehole, waggonway, quay, lime kiln and houses, scale 2ch: 1"

Reference: NEIMME/Wat/24/37

Creation dates: 1 Dec 1769

Physical characteristics: 112cm x 86cm

Scope and Content

Plan of Chirton Colliery, property of John Liddle, marking pits, crank gin, waggonway and staith, including a key, scale 4ch: 1"

Reference: NEIMME/Wat/24/38

Creation dates: c.1810

Physical characteristics: 127cm x 145cm

Scope and Content

Plan of workings in Chirton Colliery, marking pits, boreholes and housing at Milbourne Place, scale 2ch: 1"

Reference: NEIMME/Wat/24/39

Creation dates: nd

Physical characteristics: 170cm x 200cm

Scope and Content

Plan of workings in the Low Main Seam, Cowpen and East Sleekburn, marking pits, barriers against Cambois, water levels and force pump, scale 3ch: 1"

Reference: NEIMME/Wat/24/40

Creation dates: nd

Physical characteristics: 210cm x 200cm

Scope and Content

Plan of workings in the High Main Seam, Cowpen and East Sleekburn, marking pits, boreholes and cranes

NEIMME/Wat/25 WATSON PLANS FOR Northumberland General. Vol 2.

Creation dates: 1769 - 1856

Scope and Content

BOUND VOLUME OF COLLIERY AND ESTATE PLANS.

VOLUME IS MARKED WITH THE ORIGINAL SHELF NUMBER. THIS ORIGINAL SHELF NUMBER HAS BEEN RETAINED, PREFACED BY THE IDENTIFIER WAT/

Reference: NEIMME/Wat/25/1

Creation dates: 1787

Physical characteristics: 66cm x 52cm, part missing

Scope and Content

Plan of the collieries on the Tyne and Wear also Blyth, Bedlington and Hartley, with the country 11 miles around Newcastle, taken from surveys by John Gibson, giving depths of pits, length of waggonways and amounts of keel dues on the Tyne and at Sunderland

Reference: NEIMME/Wat/25/2

Creation dates: 1790

Physical characteristics: 125cm x 64cm

Scope and Content

Plan of Coxlodge Colliery showing pits, boreholes and dykes the property of Mr Riddell, surveyed by Thomas Bell, scale 4ch: 1"

Reference: NEIMME/Wat/25/3

Creation dates: nd

Physical characteristics: 48cm x 67cm

Scope and Content

Plan of the Callerton Estates, marking the line of the downcast dyke and pits, scale c.8½ch: 1"

Reference: NEIMME/Wat/25/4

Creation dates: nd [c.1730]

Physical characteristics: 55cm x 66cm

Scope and Content

Estate plan of Dinnington, property of Sir Arthur Hesilrige of Nosely, Leics, giving list of names of tenants and grounds mentioned in the plan, copied by John Easton from surveys made by William Donkin, 8ch: 1", original survey 1730, copy n.d

Reference: NEIMME/Wat/25/5

Creation dates: 1808

Physical characteristics: 43cm x 35cm

Scope and Content

Estate plan of Coxlodge, surveyed by J.H. Fryer, scale 10ch: 1"

Reference: NEIMME/Wat/25/6

Creation dates: 1800

Physical characteristics: 130cm x 67cm

Scope and Content

Plan of the different grounds to be passed over with the intended waggon road from Kenton and Coxlodge to the River Tyne, marking the line of the waggon road, scale 4ch: 1"

Reference: NEIMME/Wat/25/7

Creation dates: nd

Physical characteristics: 40cm x 67cm, incomplete

Scope and Content

Plan of bottle Moor Colliery, showing workings in the Engine Seam, scale 3ch: 1"

Reference: NEIMME/Wat/25/8

Creation dates: nd

Scope and Content

As NEIMME/Wat/25/7, showing workings in the Main Seam

Reference: NEIMME/Wat/25/9

Creation dates: nd

Physical characteristics: 53cm x 42cm

Scope and Content

Plan of Wylam with the state of the Colliery, property of Mr Blackett, including an account of the colliery and elevation of Wylam House, scale 12ch: 1"

Reference: NEIMME/Wat/25/10

Creation dates: nd

Physical characteristics: 55cm x 74cm

Scope and Content

Estate plan of Gosforth, showing the line of the Great North Road, scale 8ch: 1"

Reference: NEIMME/Wat/25/11

Creation dates: March 1769

Physical characteristics: 101cm x 45cm, damaged

Scope and Content

Plan of an intended scheme to supply Newcastle with water from a borehole at Coxlodge to the Barras Bridge in Newcastle, showing the different proprietors grounds the water may be conveyed through

Reference: NEIMME/Wat/25/12

Creation dates: nd

Physical characteristics: 81cm x 65cm

Scope and Content

Estate plan of Dinnington, Wideopen, Weetslade, West and East Brunton, Fawdon, Kenton and Coxlodge, showing the position of the boreholes, Killingworth winning and the line of the great dyke, scale 16ch: 1"

Reference: NEIMME/Wat/25/13

Creation dates: nd

Physical characteristics: 66cm x 50cm

Scope and Content

Estate plan of Heaton and Heaton Banks, showing position of pits and engines and areas unwrought, scale 8ch: 1"

Reference: NEIMME/Wat/25/14

Creation dates: nd

Physical characteristics: 106cm x 62cm

Scope and Content

Estate plan of Walker showing the line of the barrier to be left between Walker and Byker Old Workings, the extent of the workings on the Walker Estate in 1757, the line of the barrier between Walker and Heaton, sites of pits in Walker and the supposed line of a downcast dyke to the north east

Reference: NEIMME/Wat/25/15

Creation dates: nd

Physical characteristics: 58cm x 47cm

Scope and Content

Plan of unidentified colliery [Alnwick area] showing the sites of Greens Quarry, Limestone Quarry and kiln and water level from Greens Quarry, scales 2ch: 1" and 10': 1"

Reference: NEIMME/Wat/25/16

Creation dates: nd

Physical characteristics: 55cm x 41cm, part missing

Scope and Content

Plan of the workings at Ouseburn Colliery, showing the site of the engine

Reference: NEIMME/Wat/25/17

Creation dates: nd

Physical characteristics: 46cm x 57cm

Scope and Content

Plan of workings in Lawson's Main Pit, showing positions of boreholes, scale 2ch: 1"

Reference: NEIMME/Wat/25/18

Creation dates: nd

Physical characteristics: 55cm x 66cm

Scope and Content

Estate plan of Red Barnes, property of Sir W Ridley with Heaton grounds and Shieldfield

Reference: NEIMME/Wat/25/19

Creation dates: nd

Physical characteristics: 50cm x 71cm

Scope and Content

Estate plan of Heaton, showing positions of the pits, engines and Walker Windmill, water levels and dykes

Reference: NEIMME/Wat/25/20

Creation dates: nd

Physical characteristics: 56cm x 59cm

Scope and Content

Estate plan, unidentified [West Brunton and Gosforth], scale 12ch: 1"

Reference: NEIMME/Wat/25/21

Creation dates: nd

Physical characteristics: 61cm x 83cm, printed

Scope and Content

Section of the Tyne Low Main Seam, showing the relative period or date of disturbances and a shaft of Backworth C Pit, lithographed by Andrew Reid, Newcastle, scale 2ch: 1", 20': 1"

Reference: NEIMME/Wat/25/22

Creation dates: nd

Scope and Content

As NEIMME/Wat/25/21

Reference: NEIMME/Wat/25/23

Creation dates: nd

Physical characteristics: 66cm x 78cm

Scope and Content

Plan of Fawdon, property of Matthew Bell, late of Sir A. Hesilrige, scale 4ch: 1"

Reference: NEIMME/Wat/25/24

Creation dates: 1819

Physical characteristics: 57cm x 70cm

Scope and Content

Estate plan of Fawdon and East Brunton, copied by John Easton from surveys made in 1730 by William Donkin, original 1730, copy Oct 1819

Reference: NEIMME/Wat/25/25

Creation dates: nd

Physical characteristics: 173cm x 146cm

Scope and Content

Plan of the workings at Kenton, Fawdon Nook and West Brunton, property of Sir Thomas Burdon and of East Brunton, property of C.L. Brandling and coal belonging to Grey Hesilrige, showing line of a barrier between Fawdon Nook and Kenton and East Brunton workings and old water level through Kenton, scale 4ch: 1"

Reference: NEIMME/Wat/25/26

Creation dates: nd

Physical characteristics: 178cm x 180cm

Scope and Content

Plan of working at Gosforth

Reference: NEIMME/Wat/25/27

Creation dates: nd

Physical characteristics: 65cm x 214cm

Scope and Content

Estate plan of Dinnington, marking Delight Pit and the lines of the Jane Pit and Thistle Pit Dykes, scale 4ch: 1"

Reference: NEIMME/Wat/25/28

Creation dates: nd

Physical characteristics: 82cm x 62cm

Scope and Content

Plan of workings in the Engine Seam, Heddon Colliery, including explanation of the plan and showing pits at Throckley, scale 4ch: 1"

Reference: NEIMME/Wat/25/29

Creation dates: nd

Physical characteristics: 81cm x 49cm

Scope and Content

Plan of workings in the Main Seam, Heddon Colliery, including an explanation of the plan and marking the line of the water level through Heddon Colliery and pits in Throckley ground, scale 4ch: 1"

Reference: NEIMME/Wat/25/30

Creation dates: Sept 1809

Physical characteristics: 129cm x 143cm

Scope and Content

Plan of Prestwick Carr Common, Ponteland, with adjoining estates, scale 4ch: 1"

Reference: NEIMME/Wat/25/31

Creation dates: nd

Physical characteristics: 129cm x 151cm

Scope and Content

Plan of unidentified workings [Walker Colliery] showing lines of dykes

Reference: NEIMME/Wat/25/32

Creation dates: nd [after 1812]

Physical characteristics: 240cm x 158cm

Scope and Content

Plan of workings in the High Main Seam, Walker Colliery, marking pits, dykes, the barrier adjoining Wallsend, boreholes, Hebburn and Moody's Quays and St Anthony's Staith, scale 2ch: 1"

Reference: NEIMME/Wat/25/33

Creation dates: 1856

Physical characteristics: 134cm x 119cm

Scope and Content

Plan of workings in the Low Main Seam, Walker Colliery, scale 2ch: 1"

NEIMME/Wat/26 WATSON PLANS FOR THE Parishes of Gosforth and Fawdon.

Creation dates: 1752-1817

Scope and Content

BOUND VOLUME OF COLLIERY AND ESTATE PLANS.

VOLUME IS MARKED WITH THE ORIGINAL SHELF NUMBER. THIS ORIGINAL SHELF NUMBER HAS BEEN RETAINED, PREFACED BY THE IDENTIFIER WAT/

Reference: NEIMME/Wat/26/1

Creation dates: nd

Physical characteristics: 65cm x 305cm

Scope and Content

Plan of the line of a waggonway from Kenton Colliery to Fawdon, scale 16': 1"

Reference: NEIMME/Wat/26/2

Creation dates: nd

Physical characteristics: 37cm x 52cm

Scope and Content

Cross section of an engine house and boiler sealing drawn by John Watson, junior, for the owners of Fawdon Colliery, scale 4': 1"

Reference: NEIMME/Wat/26/3

Creation dates: nd

Physical characteristics: 51cm x 46cm

Scope and Content

Longitudinal section of an engine house, drawn by John Watson, junior, for the owners of Fawdon Colliery scale 4': 1"

Reference: NEIMME/Wat/26/4

Creation dates: nd

Physical characteristics: 47cm x 58cm

Scope and Content

Ground plan of an engine house, drawn by John Waton, junior, for the owners of Fawdon Colliery scale 4': 1"

Reference: NEIMME/Wat/26/5

Creation dates: nd

Physical characteristics: 65cm x 76cm

Scope and Content

Plan of a waggonway through East and West Kenton to Fawdon

Reference: NEIMME/Wat/26/6

Creation dates: nd

Physical characteristics: 86cm x 111cm

Scope and Content

Estate plan of East and West Fawdon, marking Brunton Windmill scale 4ch: 1"

Reference: NEIMME/Wat/26/7

Creation dates: nd

Physical characteristics: 70cm x 106cm

Scope and Content

Plan of workings in West Kenton Colliery

Reference: NEIMME/Wat/26/8

Creation dates: June 1801

Physical characteristics: 50cm x 73cm

Scope and Content

End view of a machine for drawing coals underground and a section of a waggonway, water level drift with stone post, a profile of the same and its parts, and representing the shaft and pulley wheels, and a ground plan of the same, drawn by Phineas Crowther for Kenton Colliery scale 4': 1"

Reference: NEIMME/Wat/26/9

Creation dates: nd

Physical characteristics: 102cm x 66cm

Scope and Content

Estate plan of East and West Kenton, marking the downcast dyke scale 9ch: 1"

Reference: NEIMME/Wat/26/10

Creation dates: nd

Physical characteristics: 71cm x 102cm

Scope and Content

Plan of the line of [a waggonway through Coxlodge] marking pits

Reference: NEIMME/Wat/26/11

Creation dates: nd

Physical characteristics: 59cm x 47cm

Scope and Content

Estate plan of Coxlodge showing the line of the intended waggonway from Fawdon Colliery also intended line of the waggon road from East and West Brunton Collieries as referred to in a lease from Charles John Brandling to John de Ponthieu and partners scale 8ch: 1"

Reference: NEIMME/Wat/26/12

Creation dates: nd

Physical characteristics: 86cm x 107cm

Scope and Content

Plan of waggonways and the line of the seam between Kenton Engine Pit and Coxlodge Sinking pit scale 2ch: 1"

Reference: NEIMME/Wat/26/13

Creation dates: nd

Physical characteristics: 88cm x 111cm

Scope and Content

Plan of workings in Gosforth scale 2ch: 1"

Reference: NEIMME/Wat/26/14

Creation dates: nd

Physical characteristics: 123cm x 66cm

Scope and Content

Estate plan of Coxlodge, property of Ralph Liddell, marking site of Newcastle Waterworks scale 4ch: 1"

Reference: NEIMME/Wat/26/15

Creation dates: Nov 1752

Physical characteristics: 42cm x 55cm

Scope and Content

Sketch of Coxlodge Restoration Pit workings next to Gosforth Colliery, drawn by John Watson scale 30yds: 1"

Reference: NEIMME/Wat/26/16

Creation dates: Dec 1767

Physical characteristics: Scale 25yds: 1", 48cm x 60cm

Scope and Content

Plan of workings in Fortune Pit, Gosforth Colliery

Reference: NEIMME/Wat/26/17

Creation dates: nd

Physical characteristics: 66cm x 54cm

Scope and Content

Plan of unidentified workings [Kenton and Coxlodge], marking the site of a gin and force pump scale 8ch: 1"

Reference: NEIMME/Wat/26/18

Creation dates: nd

Physical characteristics: 56cm x 89cm

Scope and Content

Plan of the line of [a waggonway through Fawdon and Coxlodge] scale 4ch: 1"

Reference: NEIMME/Wat/26/19

Creation dates: nd

Physical characteristics: 53cm x 76cm

Scope and Content

Plan and cross section of the line of an intended waggonway running through part of Shieldfield, property of Thomas Wilkinson and Sir John Lawson, scale 2ch: 1"

Reference: NEIMME/Wat/26/20

Creation dates: nd

Physical characteristics: 50cm x 66cm

Scope and Content

Plan of the line of an unidentified waggonway

Reference: NEIMME/Wat/26/21

Creation dates: nd

Physical characteristics: 37cm x 47cm

Scope and Content

Plan of the line of a waggonway terminating at the mouth of the River Tyne, scale 1ch: 1"

Reference: NEIMME/Wat/26/22

Creation dates: nd

Scope and Content

As NEIMME/Wat/26/11

Reference: NEIMME/Wat/26/23

Creation dates: nd

Physical characteristics: 25cm x 81cm

Scope and Content

Section of a line of a waggonway from Kenton Engine Pit to Coxlodge Pit

Reference: NEIMME/Wat/26/24

Creation dates: nd

Physical characteristics: 24cm x 138cm

Scope and Content

Section of a line of waggonway from Coxlodge Pit to Killingworth Road

Reference: NEIMME/Wat/26/25

Creation dates: nd

Physical characteristics: 24cm x 141cm

Scope and Content

Section of a line of Coxlodge waggonroad from Killingworth Road to Sandyford Bridge

Reference: NEIMME/Wat/26/26

Creation dates: 1809

Physical characteristics: 28cm x 144cm

Scope and Content

Plan of the line of the northern half of Kenton Waggonway to the junction of Ouseburn and the River Tyne, copied by John Mallery, scale 4ch: 1"

Reference: NEIMME/Wat/26/27

Creation dates: nd

Physical characteristics: 127cm x 144cm

Scope and Content

Plan of the workings in Kenton and Coxlodge Collieries, marking the line of the Tyne Level Drift, scale 4ch: 1"

Reference: NEIMME/Wat/26/28

Creation dates: nd

Physical characteristics: 66cm x 71cm

Scope and Content

Plan of the workings in Gosforth Colliery, scale ½ch: 1"

Reference: NEIMME/Wat/26/29

Creation dates: nd

Physical characteristics: 74cm x 63cm

Scope and Content

Plan of the workings in Gosforth, marking Brandling Pit Dyke and areas of thrust, scale 10yds: 1"

Reference: NEIMME/Wat/26/30

Creation dates: July 1817

Physical characteristics: 66cm x 72cm

Scope and Content

Plan of the workings in South Gosforth adjoining Old Heaton Banks, surveyed by J. Watson and J.

King, scale 11yds: 1"

Reference: NEIMME/Wat/26/31

Creation dates: 1800

Physical characteristics: 194cm x 133cm

Scope and Content

Estimate plan of part of Longbenton and East Benton and of Gosforth, property of Charles John

Brandling, surveyed by John Fryer, marking an area of land owned by Balioll College, Oxford, Gosforth Park and Killingworth Moor, scale 4ch: 1"

NEIMME/Wat/27 WATSON PLANS FOR THE Parish of All Saints, Newcastle.

Creation dates: 1797 - 1855

BOUND VOLUME OF COLLIERY AND ESTATE PLANS.

Reference: NEIMME/Wat/27/1

Creation dates: nd

Physical characteristics: Scale 8ch: 1", 48cm x 55cm

Scope and Content

Estimate plan of Red Barnes, Ouseburn and Byker, property of Sir Matthew White Ridley, Sir John Lawson, Corporation of Newcastle and Hargreave and Ibbotson, marking Heaton Hall

Reference: NEIMME/Wat/27/2

Creation dates: nd

Physical characteristics: 43cm x 54cm

Scope and Content

As NEIMME/Wat/1, showing area where coal may be wrought

Reference: NEIMME/Wat/27/2a

Creation dates: nd

Physical characteristics: Scale 4ch: 1", 54cm x 45cm

Scope and Content

Estate plan of Shieldfield and Red Barnes, Sir John Lawson's ground and Sir Matthew White Ridley's ground

Reference: NEIMME/Wat/27/3

Creation dates: 1798

Physical characteristics: 42cm x 65cm

Scope and Content

Plan of 3 fields belonging to Sir John Lawson, tenanted by the owners of Heaton Colliery, surveyed by J. Dodds, marking a mill, scale 2ch: 1"

Reference: NEIMME/Wat/27/4

Creation dates: nd

Physical characteristics: 34cm x 47cm

Scope and Content

Unidentified plan

Reference: NEIMME/Wat/27/5

Creation dates: nd

Physical characteristics: 18cm x 26cm

Scope and Content

Plan of a piece of ground at Byker Hill, in the possession of Matthew Wilson, tenant, belonging to the Corporation of Newcastle, indicating that part of the ground is to be used as a stone quarry, scale 2ch: 1"

Reference: NEIMME/Wat/27/6

Creation dates: nd

Physical characteristics: 76cm x 76cm

Scope and Content

Plan of unidentified workings

Reference: NEIMME/Wat/27/7

Creation dates: [1855]

Physical characteristics: 57cm x 75cm, printed

Scope and Content

Section of the intended docks at Ouseburn, lithographed by M and M.W. Lambert, Newcastle

Related Material

See also NEIMME/Wat/27/9, NEIMME/Wat/27/10

Reference: NEIMME/Wat/27/8

Scope and Content

As NEIMME/Wat/27/7

Reference: NEIMME/Wat/27/9

Creation dates: 1855

Physical characteristics: 57cm x 77cm, printed

Scope and Content

Plan of the proposed docks at Ouseburn, Newcastle, lithographed M. and M.W. Lambert, Newcastle, scale 3ch: 1"

Related Material

See also NEIMME/Wat/27/7, NEIMME/Wat/27/10

Reference: NEIMME/Wat/27/10

Creation dates: 1855

Physical characteristics: 42cm x 53cm, printed

Scope and Content

Plan of the proposed docks at Ouseburn, Newcastle, designed by W.A. Brooks, engineer, lithographed by M. and M.W. Lambert, showing shipyards, pottery, bottle and alkali works, scale 4ch: 1"

Related Material

See also NEIMME/Wat/27/7, NEIMME/Wat/27/9

Reference: NEIMME/Wat/27/11

Creation dates: 1850

Physical characteristics: 66cm x 101cm

Scope and Content

Plan and section of Ouseburn Bridge and approaches, lithographed by M. and M.W. Lambert, scale 2ch: 1"

Reference: NEIMME/Wat/27/12

Scope and Content

Copy of NEIMME/Wat/27/11 above, signed by Thomas Bell

Reference: NEIMME/Wat/27/13

Creation dates: Jan 1805

Physical characteristics: 152cm x 33cm

Scope and Content

Plan of the line of Heaton Colliery Waggonway, scale 4ch: 1"

Reference: NEIMME/Wat/27/14

Creation dates: nd

Physical characteristics: 94cm x 47cm

Scope and Content

Plan of workings in Little Benton, Longbenton and Kenton

Reference: NEIMME/Wat/27/15

Creation dates: nd

Physical characteristics: 37cm x 100cm

Scope and Content

Plan of the boundary between St Lawrence and Byker Estates, drawn by J. Bell, scale 1ch: 1"

Reference: NEIMME/Wat/27/16

Creation dates: nd

Physical characteristics: 57cm x 71cm

Scope and Content

Section of an unidentified [drop], scale 1': ½"

Reference: NEIMME/Wat/27/17

Creation dates: 1832 – 1833

Physical characteristics: 135cm x 40cm

Scope and Content

Section of strata to the Low Main Coal at St Lawrence Colliery, drawn by William Watson, scale 2fath: 1"

Reference: NEIMME/Wat/27/18

Creation dates: Aug 1831

Physical characteristics: 74cm x 54cm

Scope and Content

Plan and elevation of the proposed gears and drop for the staith for St. Lawrence Colliery, surveyed by John Bell, scale 11yds: 1", 10': 1"

Reference: NEIMME/Wat/27/19

Creation dates: 1832

Physical characteristics: 54cm x 28cm

Scope and Content

Section of strata to the High Main Seam at St Lawrence Colliery, scale 2fath: 1"

Reference: NEIMME/Wat/27/20

Creation dates: nd

Physical characteristics: 42cm x 33cm

Scope and Content

Reference /21

Reference: NEIMME/Wat/27/21

Creation dates: 1797

Physical characteristics: 31cm x 48cm

Scope and Content

Plan of several houses etc belonging to Sir Matthew White Ridley and Co, Thomas Smith, Sheriff R Hodge and others showing the proposed alterations necessary for improving the carriage road down the North Shore, marking Ballast Hills Burial Ground

Reference: NEIMME/Wat/27/22

Creation dates: nd

Physical characteristics: 49cm x 36cm

Scope and Content

Plan of fields [Rough Close], scale 4ch :1"

Reference: NEIMME/Wat/27/23

Creation dates: nd

Scope and Content

As NEIMME/Wat/27/22

Reference: NEIMME/Wat/27/24

Creation dates: nd

Physical characteristics: 67cm x 48cm

Scope and Content

Plan of Walker Grounds, Hunters Farm, property of Sir Henry Lawson, Byker Farm, property of Matthew Ridley, Gowerlys Farm, property of William Bonner and Dentshole Farm, property of Matthew Ridley, all on the North Shore, marking pits and sites of High and Hope Engines

Reference: NEIMME/Wat/27/24a

Creation dates: 10 April 1810

Scope and Content

Valuation of coal seams under Rough Closes and Dentshole, property of Miss Greenwell, by John Watson

Reference: NEIMME/Wat/27/24b

Creation dates: Aug 1809

Scope and Content

Account of the state of the coal under Rough Closes and the possibility of it being extracted by outstroke by Gateshead Park Colliery, leased by Messrs Liddell and Co, signed by T. Straker

Reference: NEIMME/Wat/27/25

Creation dates: Nov 1823

Physical characteristics: 41cm x 51cm

Scope and Content

Sketch of the fire clay drift at Dent's Hole on the Tyne, scale 1ch: 1"

Reference: NEIMME/Wat/27/26

Creation dates: nd

Physical characteristics: 51cm x 66cm

Scope and Content

Plan of Gateshead Park and Salt Meadows Estates, part of Tyne Main Colliery, marking barrier between Byker and Gateshead Park and a spinning mill on the Ouseburn, scale 3ch: 1"

Reference: NEIMME/Wat/27/27

Creation dates: 1837

Physical characteristics: 66cm x 99cm

Scope and Content

Plan of St Lawrence Colliery showing the working in the Bensham Seam, scale 2ch: 1"

Reference: NEIMME/Wat/27/28

Creation dates: nd

Physical characteristics: 140cm x 42cm

Scope and Content

Section of strata in the Low Main Seam at St Anthony's Colliery, scale 3fath: 1"

Reference: NEIMME/Wat/27/29

Creation dates: nd

Physical characteristics: 122cm x 90cm

Scope and Content

Plan of workings in the Low Main Seam, St Anthony's Colliery

Reference: NEIMME/Wat/27/30

Creation dates: 1800

Physical characteristics: 87cm x 75cm

Scope and Content

Plan of workings under the Tyne from Felling to St Anthony's Collieries, showing the trespass by the owners of St Anthony's Colliery into Felling, scale 2ch: 1"

NEIMME/Wat/28 WATSON PLANS FOR THE Parishes of St John and St

Andrew, Newcastle.

Creation dates: 1801 - 1857

Scope and Content

BOUND VOLUME OF COLLIERY AND ESTATE PLANS.

VOLUME IS MARKED WITH THE ORIGINAL SHELF NUMBER. THIS ORIGINAL SHELF NUMBER HAS BEEN RETAINED, PREFACED BY THE IDENTIFIER WAT/

Reference: NEIMME/Wat/28/1

Creation dates: 1802

Physical characteristics: 37cm x 50cm

Scope and Content

Plan of Newcastle and Gateshead, engraved by I.A. Kidd, published by Vint and Anderson scale 200yds: 1"

Related Material

See History of Newcastle, by John Baillie, 1801.

Reference: NEIMME/Wat/28/1a

Creation dates: 1833

Physical characteristics: 127cm x 70cm

Scope and Content

Plan and sections of lands where the works of the Newcastle Subscription Water Company are to be carried out, surveyed by W.E. Gillespie under the direction of Joshua Richardson, civil engineer, scale 10ch: 1"

Reference: NEIMME/Wat/28/2

Creation dates: 23 April 1827

Physical characteristics: Scale 3ch: 1", 137cm x 117cm

Scope and Content

Plans of part of Newcastle showing projects in progress for the improvement of the water supply, by John Watson

Reference: NEIMME/Wat/28/2a

Creation dates: nd

Physical characteristics: 49cm x 69cm

Scope and Content

Plan and section of a reservoir and drifts near Spring Gardens, Newcastle, for collecting and conveying water to Newcastle, showing old mine workings, scale 8': 1"

Reference: NEIMME/Wat/28/2b

Creation dates: nd

Physical characteristics: 40cm x 29cm

Scope and Content

Spring Gardens section of NEIMME/Wat/28/2 above

Reference: NEIMME/Wat/28/3

Creation dates: nd

Physical characteristics: 66cm x 47cm

Scope and Content

As NEIMME/Wat/28/2b, showing pits, reservoir and Ponteland Road, scale 1ch: 1"

Reference: NEIMME/Wat/28/4

Creation dates: nd

Physical characteristics: 65cm x 98cm

Scope and Content

Ground plan of a dwelling house in Oxford Street, Newcastle

Reference: NEIMME/Wat/28/5

Creation dates: nd

Physical characteristics: 48cm x 60cm

Scope and Content

Plan of Elswick Estate and Colliery, giving details of borings, scale 10ch: 1"

Reference: NEIMME/Wat/28/6

Creation dates: nd

Physical characteristics: 120cm x 77cm

Scope and Content

Plan of workings in the Beaumont Seam, Benwell

Reference: NEIMME/Wat/28/7

Creation dates: nd

Physical characteristics: 129cm x 77cm

Scope and Content

Plan of workings in Benwell, showing pits and borings in the Beaumont Seam and Low Main Seam and boathouses on the Tyne, scale 4½ch: 1"

Reference: NEIMME/Wat/28/8

Creation dates: nd

Physical characteristics: 60cm x 49cm

Scope and Content

Sketch of the workings in the High Main Seam under the Ordnance Depot near Newcastle, bordering on Elswick, marking the line of whole coal, quarry and Ponteland Road, scale 1ch: 1"

Reference: NEIMME/Wat/28/9

Creation dates: nd

Physical characteristics: 77cm x 94cm

Scope and Content

Estate plan of Fenham, property of William Ord, showing workings in the Beaumont Seam, scale 4ch: 1"

Reference: NEIMME/Wat/28/10

Creation dates: nd

Physical characteristics: 44cm x 56cm

Scope and Content

Plan of an unidentified estate [Spital Tongues] property of Mr Kent, 18 acres, scale 2ch: 1"

Reference: NEIMME/Wat/28/11

Creation dates: nd

Physical characteristics: 44cm x 28cm

Scope and Content

Plan of unidentified workings

Reference: NEIMME/Wat/28/12

Creation dates: nd

Physical characteristics: 40cm x 56cm

Scope and Content

Plan of Spital Tongues, property of Magdalene Hospital, 19 acres, scale 2ch: 1"

Reference: NEIMME/Wat/28/13

Creation dates: nd

Physical characteristics: 112cm x 114cm

Scope and Content

Plan of unidentified estate

Reference: NEIMME/Wat/28/14

Creation dates: nd

Physical characteristics: 85cm x 65cm

Scope and Content

Plan of Newcastle and estate plan of Jesmond, marking boreholes

Reference: NEIMME/Wat/28/15

Creation dates: nd

Physical characteristics: 65cm x 101cm

Scope and Content

Plan of unidentified estate

Reference: NEIMME/Wat/28/16

Creation dates: March 1814

Physical characteristics: 58cm x 49cm

Scope and Content

Sketch of mills and buildings, property of Mr Darnell and workings in the Main Coal Seam [Fenham], scale 1ch: 1"

Related Material

See Wat/2/9 p.350

Reference: NEIMME/Wat/28/17

Creation dates: 30 March 1814

Scope and Content

Report re Darnell's Mills' workings to the Mayor of Newcastle by John Watson

Reference: NEIMME/Wat/28/18

Creation dates: nd

Physical characteristics: 98cm x 32cm.

Scope and Content

Plan of the boundary between Town Moor and Coxlodge Estate

Reference: NEIMME/Wat/28/19

Creation dates: 15 March 1832

Physical characteristics: 127cm x 99cm

Scope and Content

Plan of Newcastle Town Moor, Castle Leazes and Nuns Moor showing the proposed division of coalmines intended to be offered to be let by proposal, scale 4ch: 1"

Reference: NEIMME/Wat/28/20

Creation dates: nd

Physical characteristics: 100cm x 66cm.

Scope and Content

Estate plan of Brunton, property of the Hospital of St Mary Magdelene, Newcastle, scale 5ch: 1"

Reference: NEIMME/Wat/28/21

Creation dates: nd

Physical characteristics: 131cm x 96cm

Scope and Content

Plan of unidentified estate [Jesmond]

Reference: NEIMME/Wat/28/22

Physical characteristics: 80cm x 85cm

Scope and Content

Sketch of workings in the High Main Seam at Jesmond Colliery, scale 2ch: 1"

Reference: NEIMME/Wat/28/23

Creation dates: nd

Physical characteristics: 130cm x 76cm

Scope and Content

Plan of a proposed waggonway from Jesmond to the River Tyne, scales 1Ch: 1", 4ch: 1"

Reference: NEIMME/Wat/28/24

Creation dates: nd

Physical characteristics: 65cm x 50cm

Scope and Content

Plan of workings in High Main Seam, Jesmond Colliery, showing pits, scale 4ch x 1"

Reference: NEIMME/Wat/28/25

Creation dates: nd

Physical characteristics: 66cm x 92cm

Scope and Content

Plan of workings [Jesmond].

Reference: NEIMME/Wat/28/26

Creation dates: nd

Physical characteristics: 65cm x 165cm

Scope and Content

Plan of barrier left against the Ouseburn from Heaton Colliery, showing pits and thrusts, scale 1ch: 1"

Reference: NEIMME/Wat/28/27

Creation dates: [1857]

Physical characteristics: 55cm x 74cm

Scope and Content

Estate plan of Shieldfield and Ouseburn, property of the representatives of the late William James, scale 3ch x 1"

Reference: NEIMME/Wat/28/28

Creation dates: nd

Physical characteristics: 59cm x 86cm

Scope and Content

Royalty plan of Red Barns, Newcastle, property of Sir Matthew White Ridley and Sir Henry Lawson, copy of a map drawn by Straker, showing boreholes, pits, Chapman Hunter's winning near the Ouseburn, a downcast dyke and proposed boundary of coal to be under lease, scale 2ch: 1"

Reference: NEIMME/Wat/28/29

Creation dates: 19 April 1805

Physical characteristics: 31cm x 31cm

Scope and Content

Plan of Stots Hall Farm near Jesmond, property of St Mary's Hospital, the Duke of Portland, John Andrews and J. Blenkinsop Coulson with additions made by John Bell

NEIMME/Wat/29 WATSON PLANS FOR THE Parishes of Gateshead, Whickham, Ryton, Washington, Wearmouth and Heworth.

Creation dates: 1753 - 1874

Scope and Content

BOUND VOLUME OF COLLIERY AND ESTATE PLANS.

VOLUME IS MARKED WITH THE ORIGINAL SHELF NUMBER. THIS ORIGINAL SHELF NUMBER HAS BEEN RETAINED, PREFACED BY THE IDENTIFIER WAT/

Related Material

NEIMME/Wat/29/11 - 18 - see "Reports of the late John Smeaton made on various occasions in the course of his employment as a civil engineer" second edition, London: N.Taylor, 1837. Vol 2, pp.133-5, Pl. XVIII.

Reference: NEIMME/Wat/29/1

Creation dates: July 1786 Physical characteristics: Scale 3½ch: 1", 108cm x 84cm

Scope and Content

Plan of workings in High Main Coal, Gateshead Park, showing the line of barrier of coal between Felling and the River Tyne, the line of Tyne Main Drift, the Metal Coal water level line, Fryer's Goose Engines, and a staith

Reference: NEIMME/Wat/29/2

Creation dates: nd Physical characteristics: 108cm x 75cm

Scope and Content

Estate plan of Gateshead Park, showing line of Tyne Level Drift, and a staith, scale 4ch: 1"

Reference: NEIMME/Wat/29/3

Creation dates: [1797] Physical characteristics: 103cm x 76cm

Scope and Content

Plan of Gateshead Park Colliery workings in the Upper Main Coal Seam, showing line of Tyne Level Drift, a staith, and Fryer's Goose Engines, scale 3ch: 1"

Reference: NEIMME/Wat/29/4

Creation dates: July 1827 Physical characteristics: 87cm x 59cm

Scope and Content

Sketch of workings made in High Main Coal Seam at Fryer's Goose, part of Gateshead Park Colliery, for the purpose of showing how far they had approached towards St Lawrence property, belonging to the Corporation of Newcastle upon Tyne, scale 2ch: 1"

Reference: NEIMME/Wat/29/5

Creation dates: 1753

Physical characteristics: 38cm x 50cm

Scope and Content

Sketch of workings at Fryer's Goose, or Mr Lamb's ground, showing downcast dyke, a dyke or trouble, a drift, a staith and a raft yard

Reference: NEIMME/Wat/29/6

Creation dates: nd

Physical characteristics: 26cm x 41cm

Scope and Content

Plan of workings at Gateshead Park Colliery, scale 4ch: 1"

Reference: NEIMME/Wat/29/7

Creation dates: May 1786

Physical characteristics: 128cm x 83cm

Scope and Content

Plan of workings in Upper Main Coal, Park Moor Colliery, showing dykes and a stone coal drift, scale 4ch: 1"

Reference: NEIMME/Wat/29/8

Creation dates: April 1776

Physical characteristics: 111cm x 55cm

Scope and Content

Plan of Gateshead Fell Colliery with the workings in the Five Quarter Coal Seam, showing line of water

level drift from the engine in the Main Coal Seam and line of a supposed downcast dyke, scale 4ch: 1"

Reference: NEIMME/Wat/29/9

Creation dates: nd

Physical characteristics: 64cm x 53cm

Scope and Content

Plan of workings at Friars Goose and [part of Gateshead Park Colliery] scale 4ch: 1"

Reference: NEIMME/Wat/29/10

Creation dates: nd

Physical characteristics: 38cm x 60cm

Scope and Content

Estate plan of Tyne Main, formerly Gateshead Park, including a reference to the plan, scale 4ch: 1"

Reference: NEIMME/Wat/29/11

Creation dates: May 1783

Physical characteristics: 79cm x 144cm

Scope and Content

Plan of the foundations for a water gin for drawing coals at the Bank Pit, and also of a fire engine for returning the water, scale 4': 1"

Reference: NEIMME/Wat/29/12

Creation dates: May 1783

Physical characteristics: 64cm x 54cm

Scope and Content

Sketch of a wheel [part of 11 above?], scale 2': 1"

Reference: NEIMME/Wat/29/13

Creation dates: 1783

Physical characteristics: 37cm x 54cm

Scope and Content

Sketch for fixing the count wheel work, [part of 11 above?], scale 2': 1"

Reference: NEIMME/Wat/29/14

Creation dates: May 1783

Physical characteristics: 64cm x 55cm

Scope and Content

Elevation and plan of a fire engine for returning the water to the water coal gin at Bank Pit, scale 4' x 1"

Reference: NEIMME/Wat/29/15

Creation dates: May 1783

Physical characteristics: Scale 4'; 1", 38cm x 55cm

Scope and Content

Upwright plan of the pit head frame together with the friction wheel with the application of the convoys and their communications, plan of the friction wheel and of the frame for the convoys, and plan of the pit head frame [at Bank Pit]

Reference: NEIMME/Wat/29/16

Creation dates: May 1783

Physical characteristics: 54cm x 37cm

Scope and Content

Design for the barrel and frame for the water coal gin [at Banks Pit], scale 4': 1"

Reference: NEIMME/Wat/29/17

Creation dates: May 1783

Physical characteristics: 64cm x 55cm

Scope and Content

Elevation and plan of the water coal gin, scale 4': 1"

Reference: NEIMME/Wat/29/18

Creation dates: May 1783

Physical characteristics: 64cm x 51cm

Scope and Content

Plan of water gin for drawing coals [at Bank Pit], scale 4': 1"

Reference: NEIMME/Wat/29/19

Creation dates: nd

Physical characteristics: 54cm x 42cm

Scope and Content

Plan of workings in Low Main Seam, Tyne Main Colliery, scale 4ch: 1"

Reference: NEIMME/Wat/29/20

Creation dates: Dec 1786

Physical characteristics: 64cm x 84cm

Scope and Content

Plan of Derwent Crook and Brecken Beds Collieries, Low Main Coal workings, scale 2ch: 1"

Reference: NEIMME/Wat/29/21

Creation dates: Dec 1786

Physical characteristics: 64cm x 84cm

Scope and Content

Plan of Derwent Crook and Brecken Beds Collieries Five Quarter Coal workings, scale 2ch: 1"

Reference: NEIMME/Wat/29/22

Creation dates: nd

Physical characteristics: 38cm x 36cm

Scope and Content

Plan of Farnacres Estate, property of Sir Thomas Liddell, distinguishing the grounds under which Messrs Harvey and others are possessed of the coal mines etc, showing a downcast trouble and includes a reference

Reference: NEIMME/Wat/29/23

Creation dates: nd

Physical characteristics: 56cm x 156cm

Scope and Content

Plan of shaft foot at Marley Hill Colliery, showing the arrangement of the engine sidings, branch ways and lead of ropes, scale 10': 1"

Reference: NEIMME/Wat/29/24

Creation dates: nd

Physical characteristics: 69cm x 102cm

Scope and Content

Plan and section of underground roads for engines, Marley Hill Colliery, scales 4ch: 1", 40': 1"

Reference: NEIMME/Wat/29/25

Creation dates: nd

Physical characteristics: 50cm x 64cm

Scope and Content

Plan of tub showing disconnecting apparatus, Marley Hill Colliery, scale 1': 1"

Reference: NEIMME/Wat/29/26

Creation dates: 1794

Physical characteristics: 47cm x 63cm

Scope and Content

Plan of open fields in Crawcrook, describing the ridges or parcels of land belonging to each proprietor,

surveyed by Ralph Burton, drawn by John Mowbray, scale 6ch: 1", Description of fields is a separate black binder

Reference: NEIMME/Wat/29/27

Creation dates: nd

Physical characteristics: 31cm x 43cm

Scope and Content

Plan of unidentified copyhold and freehold land

Reference: NEIMME/Wat/29/28

Creation dates: nd

Physical characteristics: 64cm x 35cm

Scope and Content

Plan of workings under Peatmyres freehold and copyhold land and the land belonging to the Rev Robert Croft, scale 4ch: 1"

Reference: NEIMME/Wat/29/29

Creation dates: 1821

Physical characteristics: 64cm x 96cm

Scope and Content

Plan of the freehold lands in Crawcrook Town fields, according to the late division, with part of the ancient freehold lands, also a section showing the depth of the Townley seam at Wylam Colliery and a section showing the depth of the Townley seam at Crawcrook Colliery, signed by Thomas G. Hall scale 4ch: 1", 40fath: 1"

Reference: NEIMME/Wat/29/30

Creation dates: 1828

Physical characteristics: 40cm x 53cm

Scope and Content

Plan and section of a proposed turnpike road from Newcastle to Blaydon, Co Durham, with certain branches therefrom, surveyed by E. Grace, lithographed by Lambert, showing staiths at Benwell and Derwent Haugh, and a papermill at Scotswood, scale 20ch: 1", 100': 1"

Reference: NEIMME/Wat/29/31

Creation dates: 1828

Scope and Content

As NEIMME/Wat/29/30

Reference: NEIMME/Wat/29/32

Creation dates: nd

Physical characteristics: 139cm x 97cm

Scope and Content

Plan of workings in the Main Coal Seam, Bowes's Main Colliery, showing names of field owners in the area

Reference: NEIMME/Wat/29/33

Creation dates: nd

Physical characteristics: 88cm x 64cm

Scope and Content

Plan of workings in the Six Quarter Coal Seam, Bowes's Main Colliery

Reference: NEIMME/Wat/29/34

Creation dates: nd

Physical characteristics: 84cm x 64cm

Scope and Content

Plan of workings in the Five Quarter Coal Seam, Bowes's Main Colliery

Reference: NEIMME/Wat/29/35

Creation dates: nd

Physical characteristics: 100cm x 130cm

Scope and Content

Estate plan of Hylton and Hylton Ferry, property of the Earl of Strathmore, Barmston, property of Lord Londonderry, Washington and North Biddick, scale 8ch: 1"

Reference: NEIMME/Wat/29/36

Creation dates: 1782

Physical characteristics: 56cm x 78cm

Scope and Content

Estate plan of Usworth, property of Bernard Shaw, surveyed by J. Fryer, scale 4ch: 1"

Reference: NEIMME/Wat/29/37

Creation dates: nd

Physical characteristics: 68cm x 101cm

Scope and Content

Plan of Springwell and Mount Farms, [Usworth], showing line of an old waggonway and a stone drift, scale 4ch: 1"

Reference: NEIMME/Wat/29/38

Creation dates: nd

Physical characteristics: 49cm x 63cm

Scope and Content

Plan of part of Springwell Colliery workings, showing furnace in the workings, scale 2ch: 1"

Reference: NEIMME/Wat/29/39 Creation dates: nd Physical characteristics: 115cm x 64cm

Scope and Content

Plan of surveys around Heworth village, scale 3ch: 1"

Reference: NEIMME/Wat/29/40

Creation dates: 1817

Physical characteristics: 59cm x 85cm

Scope and Content

Plan of the extent of the trespass made into Heworth Colliery in the Low Main Seam by the lessees of Sheriff Hill Colliery, surveyed by Messrs Buddle, King, Fenwick and others, scale 2ch: 1"

Reference: NEIMME/Wat/29/41

Creation dates: nd

Physical characteristics: 46cm x 71cm, printed

Scope and Content

Plan of railways in Pelaw Branch No 1, lithographed by M. and M.W. Lambert of Newcastle, showing the line of the York and Newcastle railway, Felling Colliery railway and Sheriff Hill Colliery railway, Gateshead Park railway and Team Lane railway, scale 5ch: 1"

Reference: NEIMME/Wat/29/42

Creation dates: nd

Physical characteristics: 46cm x 73cm, printed

Scope and Content

Section and cross section of railways in Pelaw Branch No 1, lithographed by M. and M.W. Lambert of Newcastle, scales 5ch: 1", 50': 1"

Reference: NEIMME/Wat/29/43

Creation dates: 1800

Physical characteristics: Scale 8ch: 1", 54cm x 99cm

Scope and Content

Plan of the manor or lordship of Hylton, property of the Earl of Strathmore, surveyed by John Fryer

Reference: NEIMME/Wat/29/44

Creation dates: nd

Physical characteristics: 51cm x 76cm

Scope and Content

As NEIMME/Wat/29/43

Reference: NEIMME/Wat/29/45

Creation dates: nd

Physical characteristics: 63cm x 96cm

Scope and Content

General arrangement of a pumping engine [Engine No 304], for Hylton Colliery, scale 2': 1"

Reference: NEIMME/Wat/29/46

Creation dates: nd

Physical characteristics: 62cm x 96cm

Scope and Content

Plan of bedplate and foundation for No 304 engine, [Hylton Colliery], scale 2': 1"

Reference: NEIMME/Wat/29/47

Creation dates: Sept 1874

Physical characteristics: 64cm x 95cm

Scope and Content

Plan for slide gear for No 304 engine, [Hylton Colliery], signed with initials R.G.C

Reference: NEIMME/Wat/29/48

Creation dates: March 1874

Physical characteristics: 49cm x 64cm

Scope and Content

Plan of motion bars for No 304 engine, [Hylton Colliery], signed with initials R.G.C

Reference: NEIMME/Wat/29/49

Creation dates: nd

Physical characteristics: 48cm x 96cm

Scope and Content

Plan of crosshead and piston rod for No 304 engine, [Hylton Colliery], scale 1': 3"

Reference: NEIMME/Wat/29/50

Creation dates: nd

Physical characteristics: 63cm x 93cm

Scope and Content

Plan of cylinder and piston for No 304 engine, [Hylton Colliery]

Reference: NEIMME/Wat/29/51

Creation dates: nd

Physical characteristics: 64cm x 49cm

Scope and Content

Plan of workings at Tyne Main and [Shipcote?] Collieries, Gateshead, scale 4ch: 1"

Reference: NEIMME/Wat/29/52

Creation dates: Sept 1783

Physical characteristics: 92cm x 90cm

Scope and Content

Plan of Bank Pit Field, property of the Right Honourable Lord Ravensworth, scale 10yds: 1"

NEIMME/Wat/30 WATSON PLANS FOR THE Parish of Jarrow.

Creation dates: 1750-1846

Scope and Content

BOUND VOLUME OF COLLIERY AND ESTATE PLANS.

VOLUME IS MARKED WITH THE ORIGINAL SHELF NUMBER. THIS ORIGINAL SHELF NUMBER HAS BEEN RETAINED, PREFACED BY THE IDENTIFIER WAT/

Reference: NEIMME/Wat/30/1

Creation dates: nd

Physical characteristics: 50cm x 37cm

Scope and Content

Section of strata sunk through C Pit, Hebburn Colliery, from the thrill to the Main Seam, scale 1fath: 1"

Reference: NEIMME/Wat/30/2

Creation dates: [1797]

Physical characteristics: Scale [4ch: 1"], 125cm x 133cm

Scope and Content

Plan of workings in Hebburn and Walker

Reference: NEIMME/Wat/30/3

Creation dates: nd

Physical characteristics: 86cm x 64cm

Scope and Content

Sketch of the boundary between 2 collieries [? Jarrow], scale [2ch: 1"]

Reference: NEIMME/Wat/30/4

Creation dates: nd

Physical characteristics: 87cm x 59cm

Scope and Content

As NEIMME/Wat/30/3

Reference: NEIMME/Wat/30/5

Creation dates: [1780]

Physical characteristics: 60cm x 77cm

Scope and Content

Colliery plan of Heworth, property of the Dean and Chapter of Durham Cathedral, scale 4ch: 1"

Reference: NEIMME/Wat/30/6

Creation dates: 27 April 1750

Physical characteristics: 75cm x 54cm

Scope and Content

Plan of Jarrow Colliery, showing pits the course of 2 great dykes and Heworth, scale 8ch: 1"

Reference: NEIMME/Wat/30/7

Creation dates: April 1750

Physical characteristics: 53cm x 75cm

Scope and Content

Plan of Jarrow Colliery, property of the Dean and Chapter of Durham Cathedral and the Bishop of Durham, surveyed by John Watson, scale 8ch: 1"

Reference: NEIMME/Wat/30/8

Creation dates: [1830]

Physical characteristics: 160cm x 163cm

Scope and Content

Plan of the workings in Jarrow

Reference: NEIMME/Wat/30/9

Creation dates: 1833

Physical characteristics: 150cm x 190cm

Scope and Content

Plan of the workings in the Bensham Seam, Jarrow, scale 2ch: 1"

Reference: NEIMME/Wat/30/10

Creation dates: nd

Physical characteristics: 41cm x 52cm

Scope and Content

Profile of Jarrow Colliery east of the dykes, showing the Bensham seam workings, scales 8yds: 1", 4fath: 1"

Reference: NEIMME/Wat/30/11

Creation dates: [1823]

Physical characteristics: 128cm x 155cm

Scope and Content

Plan of workings in Jarrow, giving details of borings

Reference: NEIMME/Wat/30/12

Creation dates: nd

Physical characteristics: 98cm x 260cm

Scope and Content

Plan of the River Tyne showing Jarrow Grange and Hebburn Colliery, including a new winning in Percy Main

Reference: NEIMME/Wat/30/13

Creation dates: nd

Physical characteristics: 100cm x 255cm

Scope and Content

As NEIMME/Wat/12, showing a line of an intended waggonway and Nicholson and Horn's proposed dock at Jarrow, scale 4ch: 1"

Reference: NEIMME/Wat/30/14

Creation dates: 1845

Physical characteristics: 64cm x 100cm, printed

Scope and Content

Plan and sections of docks to be constructed at Jarrow and of proposed branch railways and approaches in connection therewith, lithographed by M. and M.W. Lambert of Newcastle, scale 4ch: 1"

Reference: NEIMME/Wat/30/15

Creation dates: 1831

Physical characteristics: 40cm x 72cm, printed

Scope and Content

Plan and section of an intended line of a railway from South Shields to Monkwearmouth and 2 branches, surveyed by T.O. Blakett for F. Giles, civil engineer, engraved by W. Collard, scales 4": 1 mile, 100': 1"

Reference: NEIMME/Wat/30/16

Creation dates: nd

Physical characteristics: 64 x 85cm

Scope and Content

Estate plan of land belonging to Ogle and Robert Green [South Shields], showing borehole and a new winning, scale 2ch: 1"

Reference: NEIMME/Wat/30/17

Creation dates: 1760

Physical characteristics: 41cm x 47cm

Scope and Content

Estate plan of Shields Haugh, property of the Dean and Chapter of Durham, surveyed by John Watson, scale 4ch: 1"

Reference: NEIMME/Wat/30/18

Creation dates: 1846

Physical characteristics: 64cm x 85cm, printed

Scope and Content

Plan and section of the proposed Tyne Dock, lithographed by M. and M.W. Lambert, Newcastle, scales 4ch: 1", 40': 1"

Reference: NEIMME/Wat/30/19

Creation dates: nd

Physical characteristics: 40cm x 26cm

Scope and Content

Plan of a quay on the River Tyne, showing the line of waggonway, Glassworks belonging to Barrass Russell and Co, Saltworks belonging to Mr Hurry and Hutchinson's house

Reference: NEIMME/Wat/30/20

Creation dates: 1809

Physical characteristics: 127cm x 165cm

Scope and Content

Plan of Temple Main Colliery, property of S. Temple, surveyed by John Bell, scale 2ch: 1"

NEIMME/Wat/31 WATSON PLANS FOR THE Parishes of Chester-le-Street, Houghton-le-Spring, Lanchester and Easington.

Creation dates: 1739-1860

Scope and Content

BOUND VOLUME OF COLLIERY AND ESTATE PLANS.

VOLUME IS MARKED WITH THE ORIGINAL SHELF NUMBER. THIS ORIGINAL SHELF NUMBER HAS BEEN RETAINED, PREFACED BY THE IDENTIFIER WAT/

Reference: NEIMME/Wat/31/1

Creation dates: nd

Physical characteristics: 55cm x 48cm

Scope and Content

Estate plan of Ravensworth Town fields and Chowdene ancient enclosures

Reference: NEIMME/Wat/31/2

Creation dates: nd

Physical characteristics: 61cm x 71cm

Scope and Content

Estate plan of Birtley, property of Thomas Maddison, showing workings under the estate, giving name and owner of each field and including a key, scale 3ch: 1"

Reference: NEIMME/Wat/31/3

Creation dates: 1759 – 1760

Physical characteristics: Scale [4ch: 1"], 45cm x 58cm

Scope and Content

Plan of land belonging to Mrs Margaret Carrick, in Birtley, also plan of workings in the Low Main Coal Seam, surveyed by Thomas Stokoe and Thomas Humble

Reference: NEIMME/Wat/31/4

Creation dates: 1759 – 1760

Physical characteristics: 45cm x 58cm

Scope and Content

Plan of land belonging to Mrs Margaret Carrick, in Birtley, also plan of workings in Hutton Coal Seam, surveyed by Thomas Stokoe and Thomas Humble, scale 2ch: 1"

Reference: NEIMME/Wat/31/5

Creation dates: Oct 1801

Physical characteristics: 49cm x 36cm

Scope and Content

Plan of workings in the Five Quarter Seam at Harraton Outside Colliery, scale 8ch: 1"

Reference: NEIMME/Wat/31/6

Creation dates: Oct 1801

Physical characteristics: 48cm x 37cm

Scope and Content

Plan of workings in the Main Coal Seam at Harraton Outside Colliery, scale 8ch: 1"

Reference: NEIMME/Wat/31/7

Creation dates: June 1794

Physical characteristics: 20cm x 30cm

Scope and Content

Plan of the state of Harraton Sixth Pit's workings at the time the misfortune happened, scale 22yds: 1"

Reference: NEIMME/Wat/31/8

Creation dates: 1772

Physical characteristics: 74cm x 105cm

Scope and Content

Estate plan of Lumley, showing carriage roads through the estate, scale 4ch: 1"

Reference: NEIMME/Wat/31/9

Creation dates: nd

Physical characteristics: 27cm x 45cm

Scope and Content

Plan of railways running through the Earl of Durham's estates, the Earl of Scarborough's estate, the township of Lambton and the township of Bourn-Moor, showing the line of the Earl of Durham's railway, projected line of railway "No 2" and the projected line of the railway independent of the Earl of Scarborough, scale 20ch: 1"

Reference: NEIMME/Wat/31/10

Creation dates: 1739

Physical characteristics: 49cm x 61cm

Scope and Content

Estate plan of Tanfield Lea [Leigh], Hedley Common and Beamish, surveyed by "TS and JM", scale 12ch: 1"

Reference: NEIMME/Wat/31/11

Creation dates: Sept 1770

Physical characteristics: 59cm x 48cm

Scope and Content

Plan of workings in Hutton Seam, Bushblades Colliery, property of George Silvertop, showing line of barrier between Harelaw Grounds and Bushblades Colliery, the line of a waggonway and the site of a fire engine, scale 3ch: 1"

Reference: NEIMME/Wat/31/12

Creation dates: 1833

Physical characteristics: 72cm x 59cm

Scope and Content

Survey of Twizell estate, in the township of Edmondsley and the parish of Chester-le-Street, property of Thomas Wade junior, surveyed by Robert Robson, showing line of the railway from Beamish, Shield Row to the River Wear, the railway from Stanley to the River Wear, property of Norton John Davison, and the Stanhope and Tyne railway, scale 100yds: 1"

Reference: NEIMME/Wat/31/13

Creation dates: 1750

Physical characteristics: 56cm x 61cm

Scope and Content

Plan of Westerleigh, alias Tanfield Moor Edge copyhold land, showing the situation of the pits and the course of the 20 fathom dyke therein, surveyed by John Watson senior

Reference: NEIMME/Wat/31/14

Creation dates: 1750

Physical characteristics: Scale 4ch: 1", 39cm x 56cm

Scope and Content

Plan of Westerleigh, alias Tanfield Moor Edge copyhold land, showing the situation of the pits and the course of the 20 fathom dyke therein, and also the situation of the pits already sunk in Bushblades, surveyed by John Watson senior

Reference: NEIMME/Wat/31/15

Creation dates: nd

Physical characteristics: 55cm x 37cm

Scope and Content

Plan of an unidentified piece of land

Reference: NEIMME/Wat/31/16

Creation dates: 1749

Physical characteristics: 39cm x 56cm

Scope and Content

Plan of Tanfield-Town-Head estate, property of the Right Honourable Lords Windsor and Dunkerron, surveyed by John Watson senior, scale 4ch: 1"

Reference: NEIMME/Wat/31/17

Creation dates: 1806

Physical characteristics: 61cm x 127cm

Scope and Content

Plan of Lanchester Common, Kyo freehold grounds, the Pea grounds, Shield Row and Stanley, under which Sir Thomas Henry Liddell and partners are lessees of the coal, surveyed by William Ramsey, scale 8ch: 1"

Reference: NEIMME/Wat/31/18

Creation dates: nd

Physical characteristics: 54cm x 75cm

Scope and Content

Estate plan of Kip Hill and Beamish South Moor, scale 4ch: 1"

Reference: NEIMME/Wat/31/19

Creation dates: 1750

Physical characteristics: 55cm x 76cm

Scope and Content

Estate plan of Pontop, showing the situation of the pits with the extent of the workings towards the north and outburst, and the course of several dykes which appear in the colliery, surveyed by John Watson senior, scale 100yds: 1"

Reference: NEIMME/Wat/31/20

Creation dates: nd

Physical characteristics: 49cm x 62cm

Scope and Content

Estate plan of Pontop showing pits and workings, scale 100yds: 1"

Reference: NEIMME/Wat/31/21

Creation dates: nd

Physical characteristics: 48cm x 58cm

Scope and Content

Estate plan of Pontop, showing outburst of Hutton Seam, scale 4ch: 1"

Reference: NEIMME/Wat/31/22

Creation dates: nd

Physical characteristics: 33cm x 41cm

Scope and Content

Plan of Greencroft Common, property of William Greenwell and George Clavering, scale 4ch: 1"

Reference: NEIMME/Wat/31/23

Creation dates: nd

Physical characteristics: 92cm x 85cm

Scope and Content

Plan of workings in Hutton Seam under Little Eppleton estate, scale 3ch: 1"

Reference: NEIMME/Wat/31/24

Creation dates: nd

Physical characteristics: 92cm x 85cm

Scope and Content

Plan of workings in High Main Coal Seam under Little Eppleton estate, scale 2ch: 1"

Reference: NEIMME/Wat/31/25

Creation dates: nd

Physical characteristics: 127cm x 100cm

Scope and Content

Estate plan of [Ellemore?] and Low Haswell

Reference: NEIMME/Wat/31/26

Creation dates: nd

Physical characteristics: 122cm x 102cm

Scope and Content

Estate plan of Little Eppleton freehold

Reference: NEIMME/Wat/31/27

Creation dates: May 1824

Physical characteristics: 92cm x 64cm

Scope and Content

Sketch of Ellemore, Low Haswell, Hasting House and part of Hetton on the Hill, property of George Baker, and also part of Hetton ground adjoining thereto, property of John Lyon and others, showing water level line and proposed lines of waggonways

Reference: NEIMME/Wat/31/28

Creation dates: 1796

Physical characteristics: 61cm x 87cm

Scope and Content

Sketch of Ellemore, Hasting House, Low Haswell and Hetton on the Hill, property of George Baker

Reference: NEIMME/Wat/31/29

Creation dates: nd

Physical characteristics: 91cm x 110cm

Scope and Content

Estate plan of Great Eppleton, property of F. Mascall

Reference: NEIMME/Wat/31/30

Creation dates: 1796

Physical characteristics: 61cm x 104cm

Scope and Content

Sketch of Ellemore, Hasting House, Low Haswell and Hetton on the Hill, property of George Baker

Reference: NEIMME/Wat/31/31

Creation dates: nd

Physical characteristics: 53cm x 76cm, printed

Scope and Content

Engraving of Hetton Colliery, from which are raised a depth of 300 yards the Hetton and Lyons

Wallsend, the Lyons Main, the Old Duck's and Denmark's Main Coals, with a view of the horizontal and inclined engines and staiths on the banks of the River Wear, near Sunderland, drawn by J.L. Harding, printed by C. Hullmandel, projected and managed by Arthur Mowbray

Reference: NEIMME/Wat/31/32

Creation dates: nd

Physical characteristics: 23cm x 31cm

Scope and Content

Engraving of Hetton Colliery, drawn by J.D. Harding on stone, printed by C. Hullmandel

Reference: NEIMME/Wat/31/33

Creation dates: nd

Physical characteristics: 23cm x 31cm, printed

Scope and Content

Engraving of Hetton staiths, drawn on stone by J.D. Harding, printed by C. Hullmandel

Reference: NEIMME/Wat/31/34

Creation dates: nd [post 1820]

Physical characteristics: 44cm x 56cm, printed

Scope and Content

Perspective view of Hetton Colliery, the horizontal, inclined and self acting planes with the locomotive and other engines on the railway and the staiths and self discharging depot on the banks of the River Wear near Sunderland, including a brief history of the colliery and the names of its principal employees, also a section of the strata of the pit and strata sunk through, scale 20yds: 1"

Reference: NEIMME/Wat/31/35

Creation dates: 1805

Physical characteristics: 44cm x 59cm

Scope and Content

Engraving of a view of Hogganas Stenkolsgrufvor. Sweden, and quay on the east coast of Oresund, 2 miles north of Helsingborg, engraved by M.R. Heland, printed at Bollquist, title of print is in Swedish

Reference: NEIMME/Wat/31/36

Creation dates: Feb 1824

Physical characteristics: 68cm x 56cm

Scope and Content

Section of the Main Coal Seam at Hetton Colliery and strata immediately above and below the same, in the outstroke drift between Mr Pemberton's and Mr Fox's grounds, and a section of the Hutton Seam at Hetton Colliery and strata immediately above and below the same in the outstroke drifts as stated above, scale 24': 1"

Reference: NEIMME/Wat/31/37

Creation dates: Feb 1824

Scope and Content

Observations relative to both sections in NEIMME/Wat/31/36 above

Reference: NEIMME/Wat/31/38

Creation dates: 20 Dec 1860

Physical characteristics: 64cm x 80cm, printed

Scope and Content

Plan of boilers, furnaces, flues etc in East and West Minor Pits, Hetton Colliery, before the explosion, lithographed by Andrew Reid of Newcastle, scale 50 links: 1"

Reference: NEIMME/Wat/31/39

Creation dates: 1860

Scope and Content

As NEIMME/Wat/31/38

Reference: NEIMME/Wat/31/40

Creation dates: 20 Dec 1860

Physical characteristics: 64cm x 80cm, printed

Scope and Content

Plan of boilers, flue, furnaces etc at East and West Minor Pits, Hetton Colliery, after the explosion, lithographed by Andrew Reid of Newcastle, showing stables and line of waggonway, indicating centre and direction of explosion, scales 50 links: 1", 10': 1½"

Reference: NEIMME/Wat/31/41

Creation dates: 1860

Scope and Content

As NEIMME/Wat/31/40

Reference: NEIMME/Wat/31/42

Creation dates: c.1860

Physical characteristics: Scale 8ch: 1", 50cm x 64cm, printed

Scope and Content

Plan of ventilation in East and West Minor Pits, Hetton Colliery, lithographed by Andrew Reid of Newcastle, showing positions where bodies were found and lists names of persons killed, also gives a summary of quantities of air in the pits

Reference: NEIMME/Wat/31/43

Creation dates: nd c.1860

Scope and Content

As NEIMME/Wat/31/42

Reference: NEIMME/Wat/31/44

Creation dates: 1821

Physical characteristics: 93cm x 58cm

Scope and Content

Section of strata and upright view of the different sets of pumps at Resolution Pit and staples, Rainton Colliery, drawn by T.O. Blakett

Reference: NEIMME/Wat/31/45

Creation dates: April 1830

Physical characteristics: 115cm x 79cm

Scope and Content

Plan of workings in Hutton Seam, North Hetton Colliery, scale 4ch L 1"

Reference: NEIMME/Wat/31/46

Creation dates: nd

Physical characteristics: 77cm x 36cm

Scope and Content

Plan of workings in Hutton Seam, North Hetton Colliery, scale 8ch: 1"

Reference: NEIMME/Wat/31/47

Creation dates: 1834

Physical characteristics: 64cm x 104cm

Scope and Content

Plan of workings in High Main Seam, Hetton Colliery, scale 4ch: 1"

Reference: NEIMME/Wat/31/48

Creation dates: nd

Physical characteristics: 32cm x 40cm

Scope and Content

Plan of workings at [North Hetton Colliery?], showing the line of the barrier, scale 4ch: 1"

Reference: NEIMME/Wat/31/49

Physical characteristics: 20cm x 32cm

Scope and Content

Plan of workings in Hutton Seam and Main Coal Seam, [Hetton Colliery], 2 plans

Reference: NEIMME/Wat/31/50

Creation dates: nd

Physical characteristics: 84cm x 53cm

Scope and Content

Estate plan of [Hetton?] and Ryhope, showing line of Durham and Sunderland railway and railway to Seaham Harbour, scale 16ch: 1"

Reference: NEIMME/Wat/31/51

Creation dates: nd

Physical characteristics: 64cm x 87cm

Scope and Content

Plan of workings in [Shotton] Colliery and section showing the line of Five Quarter Seam, Main Coal Seam, Low Main Coal Seam, Hutton Seam and Harvey Seam, and the line of a stone drift

Reference: NEIMME/Wat/31/52

Creation dates: nd

Physical characteristics: 64cm x 63cm

Scope and Content

Plan of workings at [Shotton?] Colliery, and section showing line of Five Quarter Seam, Main Coal Seam, Low Main Seam, Hutton Seam and Harvey Seam, and the line of a stone drift

Reference: NEIMME/Wat/31/53

Creation dates: nd

Physical characteristics: 41cm x 32cm

Scope and Content

Plan of Hutton Seam Staple showing proposed alterations, scale 1': 1"

Reference: NEIMME/Wat/31/54

Creation dates: nd

Physical characteristics: 61cm x 87cm

Scope and Content

Plan of several coalfields in the Wear district, property of the Thornley Coal Company, Lord Durham and the Marquis of Londonderry, also Hetton, Haswell, North Hetton, South Hetton Coal Companies, also Quarrington or Crow Trees continued with the Clarence Railway to the River Tees, scale 32ch: 1"

Reference: NEIMME/Wat/31/55

Creation dates: 1770

Physical characteristics: 74cm x 102cm

Scope and Content

Plan of Eden, Black Hill and Low Beggar Bush estates, property of Ralph Lambton, surveyed by Thomas Forster, giving names of fields and their acreage, scale 4ch: 1"

NEIMME/Wat/32 WATSON PLANS FOR THE Parish of St Andrews Auckland, Durham.

Creation dates: 1762 - 1850

Scope and Content

Reference: NEIMME/Wat/32/1

Creation dates: nd

Physical characteristics: Scale 2': 1", 99cm x 77cm

Scope and Content

Plan of an engine at[Byers Green?] Colliery

Reference: NEIMME/Wat/32/2

Creation dates: nd

Physical characteristics: 100cm x 59cm

Scope and Content

Ground plan of a pumping engine and winding engine house, at [Byers Green Colliery] also drawings of several components of the engine, scale 3': 1"

Reference: NEIMME/Wat/32/3

Creation dates: nd

Physical characteristics: 64cm x 78cm

Scope and Content

Ground plan of 40 horse winding engine house at ByersGreen? Colliery, scale 4': 1"

Reference: NEIMME/Wat/32/4

Creation dates: 1840

Physical characteristics: 33cm x 54cm

Scope and Content

Plan of the covering in of the boilers at the Michael Pit, Byers Green Colliery, scale 8': 1"

Reference: NEIMME/Wat/32/5

Creation dates: nd

Physical characteristics: 44cm x 52cm

Scope and Content

Ground plan of an engine house at[Byers Green?] Colliery scale 8': 1"

Reference: NEIMME/Wat/32/6

Creation dates: 1841

Physical characteristics: 141cm x 165cm

Scope and Content

Plan of Byers Green Colliery, showing workings in the Main Seam, showing a quarry on the banks of the River Wear, scale 3ch: 1"

Reference: NEIMME/Wat/32/7

Creation dates: nd

Physical characteristics: 97cm x 86cm

Scope and Content

Estate plan of Newfield? and Byers Green

Reference: NEIMME/Wat/32/8

Creation dates: 1850

Physical characteristics: 76cm x 152cm

Scope and Content

Plan of the royalties of Whitworth, Byers Green, Newfield and Hunwick showing the position of the respective collieries and the Byers Green Branch of the Clarence Railway, scale 6ch: 1"

Reference: NEIMME/Wat/32/9

Creation dates: 1840

Physical characteristics: 59cm x 71cm

Scope and Content

Plan of lands in the township of Byers Green under which the Byers Green Coal Company have a lease of the coal, showing the line of the West Durham railway, scale 6ch: 1"

Reference: NEIMME/Wat/32/10

Creation dates: nd

Physical characteristics: 28cm x 64cm

Scope and Content

Plan of unidentified land

Reference: NEIMME/Wat/32/11

Creation dates: nd

Physical characteristics: 41cm x 39cm

Scope and Content

Plan of unidentified workings

Reference: NEIMME/Wat/32/12

Creation dates: nd

Physical characteristics: 80cm x 56cm

Scope and Content

Estate plan of Byers Green, distinguishing between ancient copyhold land and enclosed moorland

Reference: NEIMME/Wat/32/13

Creation dates: nd

Physical characteristics: 35cm x 45cm

Scope and Content

Plan of lands in Byers Green, scale 12ch: 1"

Reference: NEIMME/Wat/32/14

Creation dates: 1840

Physical characteristics: 33cm x 54cm

Scope and Content

Sketch of damaged ground at Newfield, near Bishop Auckland, showing line of an inclined plane, scale 1ch: 1"

Reference: NEIMME/Wat/32/15

Creation dates: nd

Physical characteristics: 33cm x 53cm

Scope and Content

Plan of lands in Byers Green, showing boreholes and workings, scale 12ch: 1"

Reference: NEIMME/Wat/32/16

Creation dates: nd

Physical characteristics: 41cm x 33cm

Scope and Content

Plan of lands in Byers Green, showing boreholes, scale 12ch: 1"

Reference: NEIMME/Wat/32/17

Creation dates: nd

Physical characteristics: 52cm x 64cm

Scope and Content

Plan of grounds at Newfield, property of the Byers Green Coal Company, near Bishop Auckland, scale 16yds: 1"

Reference: NEIMME/Wat/32/18

Creation dates: nd

Physical characteristics: 97cm x 54cm

Scope and Content

Plan of portion of Byers Green branch of the Clarence Railway, scale 1ch: 1"

Reference: NEIMME/Wat/32/19

Creation dates: 1840 – 1841

Physical characteristics: 157cm x 49cm

Scope and Content

Section of strata in Michael Pit, Byers Green Colliery, surveyed by William Watson

Reference: NEIMME/Wat/32/20

Creation dates: 1840

Physical characteristics: 68cm x 99cm

Scope and Content

Plan of proposed building sites at Newfield, property of the Byers Green Coal Company, scale 12yds: 1"

Reference: NEIMME/Wat/32/21

Creation dates: nd

Physical characteristics: 65cm x 90cm

Scope and Content

Plan of workings at Newfield, showing line of troubles

Reference: NEIMME/Wat/32/22

Creation dates: nd

Physical characteristics: 21cm x 34cm

Scope and Content

Estate plan of Newfield, giving names of owners of fields and showing the line of a railway

Reference: NEIMME/Wat/32/23

Creation dates: nd

Physical characteristics: 33cm x 41cm

Scope and Content

Plan of workings around Newfield, scale 2ch: 1"

Reference: NEIMME/Wat/32/24

Creation dates: nd

Physical characteristics: 21cm x 33cm

Scope and Content

Estate plan of Newfield, giving names of owners of fields and showing the line of a railway

Reference: NEIMME/Wat/32/25

Creation dates: nd

Physical characteristics: 99cm x 75cm

Scope and Content

Plan of workings around Newfield, scale 2ch: 1"

Reference: NEIMME/Wat/32/25a

Creation dates: nd

Scope and Content

Calculations concerning [Newfield Estate]

Reference: NEIMME/Wat/32/26

Creation dates: nd

Physical characteristics: 75cm x 54cm

Scope and Content

Plan of an engine house at [Newfield]

Reference: NEIMME/Wat/32/27

Creation dates: nd

Physical characteristics: 60cm x 45cm

Scope and Content

As NEIMME/Wat/32/26

Reference: NEIMME/Wat/32/28

Creation dates: nd

Physical characteristics: 107cm x 66cm

Scope and Content

Section of strata at Newfield Pit, Bitchburn borehole, Furnace Mill borehole and Hunwick village borehole

Reference: NEIMME/Wat/32/29

Creation dates: 1844

Physical characteristics: 62cm x 74cm

Scope and Content

Plan of grounds at Helmington and Oaks Row, surveyed by William Watson, showing line of West Durham railway and position of Quarry Burn Brewery, scale 4ch: 1"

Reference: NEIMME/Wat/32/30

Creation dates: 1806

Physical characteristics: 37cm x 61cm

Scope and Content

Plan of Quarry Burn Hill in the township of Hunwick and Helmington and parish of St Andrew, Auckland, Durham, surveyed by John Bell senior, scale 3ch: 1"

Reference: NEIMME/Wat/32/31

Creation dates: 1843

Physical characteristics: 36cm x 61cm

Scope and Content

Plan of an estate at Quarry Burn, property of Mr Thomas Graham, in the township of Hunwick, surveyed by John Lee, scale 3ch: 1"

Reference: NEIMME/Wat/32/32

Creation dates: nd

Physical characteristics: 40cm x 48cm

Scope and Content

Sketch of the underground workings of the Barnard Pit, Newfield Colliery, showing the line of West Durham railway and a private railway to the colliery, scale 2ch: 1"

Reference: NEIMME/Wat/32/33

Creation dates: nd

Physical characteristics: 39cm x 36cm

Scope and Content

Plan of the freehold in Hunwick estate, property of Matthew Bell, showing Furnace Mill and boreholes, and the line of West Durham railway, scale 16ch: 1"

Reference: NEIMME/Wat/32/34

Creation dates: 1841

Physical characteristics: 30cm x 40cm

Scope and Content

Plan of grounds at Helmington near Bishop Auckland, surveyed by William Watson, showing the line of

West Durham railway and the position of the top of the incline, scale 4ch: 1"

Reference: NEIMME/Wat/32/35

Creation dates: nd

Physical characteristics: 48cm x 39cm

Scope and Content

Plan of Bitchburn estate near Bishop Auckland, showing boreholes and the line of West Durham railway, scale 16ch: 1"

Reference: NEIMME/Wat/32/36

Creation dates: nd

Physical characteristics: 33cm x 41cm

Scope and Content

Plan of the freehold in Hunwick estate, property of Matthew Bell, showing Furnace Mill and the line of West Durham railway, scale 16ch: 1"

Reference: NEIMME/Wat/32/37

Creation dates: 1841

Physical characteristics: 34cm x 43cm

Scope and Content

Plan of grounds at Helmington near Bishop Auckland, showing the line of the West Durham railway and the position of the top of the incline, scale 4ch: 1"

Reference: NEIMME/Wat/32/38

Creation dates: 1840

Physical characteristics: 29cm x 48cm

Scope and Content

Plan of grounds at Bitchburn, showing West Durham railway, Hunwick railway, and the line of a proposed railway from Ditchburn scale 3ch: 1"

Reference: NEIMME/Wat/32/39

Creation dates: 1841

Physical characteristics: 32cm x 41cm

Scope and Content

Plan of grounds at Helmington near Bishop Auckland, showing the line of West Durham railway and the position of the top of the incline, scale 4ch: 1"

Reference: NEIMME/Wat/32/40

Creation dates: 1844

Physical characteristics: 17cm x 107cm

Scope and Content

Section of proposed railway from Ditchburn Colliery, scales 2ch: 1", 40': 1"

Reference: NEIMME/Wat/32/41

Creation dates: 1762

Physical characteristics: 35cm x 49cm

Scope and Content

Estate plan of Binchester and Newton Cap Flatts, scale 12ch: 1"

Reference: NEIMME/Wat/32/42

Creation dates: nd

Physical characteristics: 76cm x 97cm

Scope and Content

Royalty plan of Woodhouse Close, St Helens Auckland, Copy Crooks, Shildon, R. Surtees' lands, Westerton, Black Boy, Eldon, R. Hildyard's lands, Midridge Grange estate, leased by Charles Attwood, Merrington, Leasingthorne and Ferry Hill collieries marked on the royalties

Reference: NEIMME/Wat/32/43

Creation dates: 1836

Physical characteristics: 153cm x 143cm

Scope and Content

Plan of workings in the Main Coal Seam, Woodhouse Close Colliery, scale 3ch: 1"

Reference: NEIMME/Wat/32/44

Creation dates: nd

Physical characteristics: 116cm x 92cm

Scope and Content

Plan of Bishop Auckland, showing line of Wear Valley railway and the Bishop Auckland branch of the North Eastern railway, scale 4ch: 1"

Reference: NEIMME/Wat/32/45

Creation dates: [1838]

Physical characteristics: 20cm x 43cm, printed

Scope and Content

Plan of Newton Bridge near Bishop Auckland, showing how to build the bridge without centres, a method to save expense in centres, and the general height of the water in winter, built by Wilfred Shirley, scale 15': 1"

**NEIMME/Wat/33 WATSON PLANS FOR THE Parishes of Ouston, Birtley,
Pelton and Urpeth.**

Creation dates: 1765 - 1872

Scope and Content

BOUND VOLUME OF COLLIERY AND ESTATE PLANS.

Reference: NEIMME/Wat/33/1

Creation dates: 1816

Scope and Content

Survey of Ouston and Pelton estates, property of Sir Ralph Noel and Hylton Joliffe, and note concerning the same's lease at Ouston Colliery

Reference: NEIMME/Wat/33/2

Creation dates: 1841

Physical characteristics: 111cm x 158cm

Scope and Content

Estate plan of Urpeth and Kibblesworth, property of Sir Robert Bewick, copied from 1765 plan, surveyed by Thomas Forster, scale 4ch: 1", original plan 1765, copy 1841

Reference: NEIMME/Wat/33/3

Creation dates: nd

Physical characteristics: 106cm x 150cm

Scope and Content

Plan of workings at Bewicke Main, showing the line of the boundary between Ouston and Urpeth, scale 2ch: 1"

Reference: NEIMME/Wat/33/4

Creation dates: 1816

Physical characteristics: 122cm x 111cm

Scope and Content

Plan of workings in the Hutton Seam at Ouston Colliery, showing a waggonway to the River Wear, upcast and downcast dykes, and boreholes, scale 4ch: 1"

Reference: NEIMME/Wat/33/5

Creation dates: nd

Physical characteristics: Scale 3ch: 1", 145cm x 121cm

Scope and Content

Plan of workings in [Urpeth] Colliery, showing upcast and downcast dykes, a sledge house, and an oil mill

Reference: NEIMME/Wat/33/6

Creation dates: 1872

Physical characteristics: 136cm x 104cm, printed

Scope and Content

Ordnance plan (Co Durham Sheet VII, 13) of royalties at North Birtley, property of Lord Ravensworth, Mr Humble and Messrs Humble and Atkinson, scale 1: 2500

Reference: NEIMME/Wat/33/7

Creation dates: nd

Physical characteristics: 123cm x 93cm

Scope and Content

Plan of workings in [Hutton] Seam, Ouston Colliery, showing line of Beamish waggonway

Reference: NEIMME/Wat/33/8

Creation dates: 1759-1760

Physical characteristics: 51cm x 61cm

Scope and Content

Copy of plan of land belonging to Mrs Margaret Carrick situated at Birtley, also plan of workings of Low Main Coal Seam, [Birtley Colliery], surveyed by Thomas Stokoe, William Brown and Thomas Humble, scale 2ch: 1", surveyed 1759 and 1760, copies 1872

Reference: NEIMME/Wat/33/9

Creation dates: nd c.1872

Scope and Content

As NEIMME/Wat/33/8

Reference: NEIMME/Wat/33/10

Creation dates: 1781

Physical characteristics: 47cm x 53cm

Scope and Content

Plan of workings in the Maudlin Seam on the south side of the main dyke, South Birtley Colliery, scale 3ch: 1"

Reference: NEIMME/Wat/33/11

Creation dates: 1814

Physical characteristics: 53cm x 64cm

Scope and Content

Plan of Birtley Bank ironstone workings in Warwick's ground, scale 2ch: 1"

Reference: NEIMME/Wat/33/12

Creation dates: 1872

Physical characteristics: 63cm x 74cm

Scope and Content

Plan of an estate at Birtley, property of Thomas Maddison, showing the outburst of coal, scale 3ch: 1", original plan 1760, copy made 1872

Reference: NEIMME/Wat/33/13

Creation dates: 1872

Physical characteristics: 49cm x 69cm

Scope and Content

Plan of workings in North Birtley, scale 1: 2500, original plan 1760, copy made 1872

Reference: NEIMME/Wat/33/14

Creation dates: nd

Physical characteristics: 232cm x 188cm

Scope and Content

Plan of workings in Pelton Coalfield, showing the part of Pelton and Chester Common under which the coal is leased to Messrs Kingscote and partners, showing line of Waldrige Colliery waggonway and Beamish Colliery waggonway, and Whitehill Mill, scale 2ch: 1"

Reference: NEIMME/Wat/33/15

Creation dates: nd

Physical characteristics: 142cm x 139cm

Scope and Content

Plan of workings in Shiremoor, showing dykes, troubles and boreholes, and the line of Murton waggonway, scale 2ch: 1"

Reference: NEIMME/Wat/33/16

Creation dates: nd

Physical characteristics: 144cm x 126cm

Scope and Content

Plan of workings in Pelton Coalfield, showing the part of Pelton and Chester Common under which the coal is leased to Messrs Kingscote and partners, showing line of Waldrige Colliery waggonway, the Stanhope and Tyne Railway, and Whitehill Mill, scale 4ch: 1"

Reference: NEIMME/Wat/33/17

Creation dates: 1835

Physical characteristics: Scale 8ch: 1", 53cm x 70cm

Scope and Content

Plan of Pelton Coalfield, leased by James Griffith to R.A.F. Kingscote and partners, showing Waldrige Colliery waggonway, Chester coal road and the Stanhope and Tyne Railway

Reference: NEIMME/Wat/33/18

Creation dates: 1756

Physical characteristics: 107cm x 151cm

Scope and Content

Estate plan of Ouston and Pelaw, Pelton and Birtley, surveyed by Edward Barrass, showing lines of waggonways and a battery, scale 4ch: 1"

Reference: NEIMME/Wat/33/19

Creation dates: nd

Physical characteristics: 66cm x 59cm

Scope and Content

Plan of part of Pelton Common, Chester Common, Newfield, Harbottle Close, Oaks Common, Marley's copyhold, Whittle copyhold, Batus Green and Tribley Inlake, showing site of proposed winning, line of Waldrige Fell railway and line of Stanhope and Tyne Railway

Reference: NEIMME/Wat/33/20

Creation dates: 1820

Physical characteristics: 80cm x 52cm

Scope and Content

Plan of workings in Ouston, Birtley, Pelaw and part of Pelton estates, showing upcast and downcast dykes, a waggonway to the River Tyne and a waggonway from Beamish Colliery, a stone drift and boreholes, scale 6ch: 1"

Reference: NEIMME/Wat/33/21

Creation dates: nd

Physical characteristics: 88cm x 124cm

Scope and Content

Estate plan of Kibblesworth, property of Caverley Bewick and Sir T.H. Liddell, showing a sledge house, scale 4ch: 1"

Reference: NEIMME/Wat/33/22

Creation dates: nd

Physical characteristics: 74cm x 119cm

Scope and Content

Plan of workings in Main Coal Seam, Urpeth Colliery, scale 4ch: 1"

Reference: NEIMME/Wat/33/23

Creation dates: nd

Physical characteristics: 128cm x 214cm

Scope and Content

Plan of workings in the Main Coal Seam, Urpeth Colliery, showing dykes and ditches, and a sledge house, Riding Mill and Oil Mill, scale 2ch: 1"

Reference: NEIMME/Wat/33/24

Creation dates: nd

Physical characteristics: 64cm x 119cm

Scope and Content

Plan of workings in High Main Coal Seam, Urpeth Colliery

Reference: NEIMME/Wat/33/25

Creation dates: 1765

Physical characteristics: 106cm x 154cm

Scope and Content

Estate plan of Urpeth and Kibblesworth, property of Sir Robert Bewick, surveyed by Thomas Forster, scale 4ch: 1"

Reference: NEIMME/Wat/33/26

Creation dates: nd

Physical characteristics: 130cm x 216cm

Scope and Content

Plan of workings in the Hutton Seam, Urpeth Colliery, scale 2ch: 1"

NEIMME/Wat/34 WATSON PLANS FOR Durham General.

Creation dates: 1715 - 1868

Scope and Content

BOUND VOLUME OF COLLIERY AND ESTATE PLANS.

VOLUME IS MARKED WITH THE ORIGINAL SHELF NUMBER. THIS ORIGINAL SHELF NUMBER HAS BEEN RETAINED, PREFACED BY THE IDENTIFIER WAT/

Reference: NEIMME/Wat/34/1

Creation dates: nd

Physical characteristics: 68cm x 93cm

Scope and Content

Estate plan of Little Usworth, Washington and Oxclose, showing the course of the Main Seam, Maudlin Seam and Hutton Seam, showing waggonways to the River Tyne and River Wear and Old Washington waggonway, scale 8ch: 1

Reference: NEIMME/Wat/34/2

Creation dates: 1818

Physical characteristics: 66cm x

132cm

Scope and Content

Estate plan of Satley, property of James Easton scale 2ch: 1"

Reference: NEIMME/Wat/34/3

Creation dates: 1834

Physical characteristics: 68cm x

134cm

Scope and Content

Plan of estates at and near Witton le Wear, property of Robert Eden Duncombe Shafto, surveyed by Anthony Reed of Middleham scale 6ch: 1"

Reference: NEIMME/Wat/34/4

Creation dates: nd

Physical characteristics: 25cm x

40cm

Scope and Content

Estate plan of Newfield, showing line of West Durham railway

Reference: NEIMME/Wat/34/5

Creation dates: nd

Physical characteristics: 42cm x

52cm

Scope and Content

Estate plan of Bowdon Close, Low Fold, Willington Burn House and Low Dean, otherwise Sunny Brow Farms in the parish of Brancepeth scale 9ch: 1"

Reference: NEIMME/Wat/34/5a

Creation dates: 1839

Physical characteristics: 41cm x

60cm

Scope and Content

Plan of Bowdon Close, Low Fold, Willington Burn House and Low Dean, otherwise Sunny Brow Farms, in the parish of Brancepeth, drawn by T.Dixon, of Darlington from John Bell's survey scale 9ch: 1"

Reference: NEIMME/Wat/34/6

Creation dates: 1813

Physical characteristics: 87cm x

85cm

Scope and Content

Estate plan of Southwick, property of John Stafford scale 4ch: 1"

Reference: NEIMME/Wat/34/7

Creation dates: 1821
163cm

Physical characteristics: 64cm x

Scope and Content

Plan of workings in the two gin shafts and level at Tannhill Colliery, showing line of the Great Dyke and other dykes, trail ways, a railway, the course of drifts and the position of leading places scale 15fath: 1"

Reference: NEIMME/Wat/34/8

Creation dates: 1832
80cm

Physical characteristics: 44cm x

Scope and Content

Plan of Hartlepool before the commencement of the docks, showing the Inner Harbour and Hartlepool

Slake scale 4ch: 1"

Reference: NEIMME/Wat/34/9

Creation dates: nd
236cm

Physical characteristics: 74cm x

Scope and Content

Plan of Raybeck Hill with Stainmore Common, the royalty under which belongs to H.P. Pulleine, with the adjoining lands of Lartington Moor, property of Henry Witham scale 6ch: 1"

Reference: NEIMME/Wat/34/10

Creation dates: nd
102cm

Physical characteristics: 67cm x

Scope and Content

Plan of workings at Milkwell Colliery, Hamsterley, and section of workings, showing coking ovens and the Consett branch of the North Eastern railway scales 1ch: 1", 20': 1"

Reference: NEIMME/Wat/34/11

Creation dates: 1824
127cm

Physical characteristics: 82cm x

Scope and Content

Plan of Usworth House estate, showing the boundaries of the royalty, surveyed by John Bell scale 3ch: 1"

Reference: NEIMME/Wat/34/12

Creation dates: nd
72cm

Physical characteristics: 52cm x

Scope and Content

Estate plan of Pontop Pike, Bush Blades, Harperly and [Burnopfield] scale 10ch: 1"

Reference: NEIMME/Wat/34/13

Creation dates: nd
67cm

Physical characteristics: 99cm x

Scope and Content

Sections of strata sunk through the new winning at Waldrige Colliery by Messrs Lowerby and Co, also describing a dyke or fissure met with south of the shaft, surveyed by James Scott scale 24': 1"

Reference: NEIMME/Wat/34/14

Creation dates: nd

Scope and Content

As NEIMME/Wat/34/13

Reference: NEIMME/Wat/34/15

Creation dates: 1841
94cm

Physical characteristics: 97cm x

Scope and Content

Estate plan of Whitworth and Byers Green, property of Robert Eden Duncombe Shafto, surveyed by Anthony Reed of Middleham, copied by William Watson, showing the Byers Green branch of the Clarence Railway, original plan 1834, copied 1841 Scale 6ch: 1",

Reference: NEIMME/Wat/34/16

Creation dates: 1770
41cm

Physical characteristics: 78cm x

Scope and Content

Plan of workings in Washington Colliery

Reference: NEIMME/Wat/34/17

Creation dates: nd
98cm

Physical characteristics: 73cm x

Scope and Content

Plan of the parish of Washington, scale 8ch: 1"

Reference: NEIMME/Wat/34/18

Creation dates: nd
Scope and Content

Physical characteristics: 86cm x 58cm

Estate plan of South East Durham showing Lambton, South Biddick, Lumley Estate, Murton, Newbottle Colliery grounds, Rainton Colliery grounds

Reference: NEIMME/Wat/34/19

Creation dates: nd
119cm

Physical characteristics: 50cm x

Scope and Content

Transverse section of the valley of denudation between Fulwell and Cleadon

Reference: NEIMME/Wat/34/20

Creation dates: 1790
39cm

Physical characteristics: 24cm x

Scope and Content

Plan of Gateshead Park Colliery, showing dykes, the Tyne Level drift, the barrier between Gateshead Park and the River Tyne, and staiths, scale 3¼ch: 1"

Reference: NEIMME/Wat/34/21

Creation dates: nd
51cm

Physical characteristics: 34cm x

Scope and Content

Plan of workings at Gateshead Park Colliery, scale 2ch: 1"

Reference: NEIMME/Wat/34/22

Creation dates: 1794
67cm

Physical characteristics: 47cm x

Scope and Content

Plan of workings at Gateshead Park Colliery, scale 2ch: 1"

Reference: NEIMME/Wat/34/23

Creation dates: 1794
56cm

Physical characteristics: 84cm x

Scope and Content

Plan of workings at Gateshead Park Colliery, scale 2ch: 1"

Reference: NEIMME/Wat/34/24

Creation dates: nd

Physical characteristics: 54cm x 74cm

Scope and Content

Estate plan of Burnopfield, Tanfield Moor, Tanfield Lea [Leigh], Shield Row, North and South Causey, Hedley Common, Beamish, Kiphill, South Moor and Stanley estate, scale 12ch: 1"

Reference: NEIMME/Wat/34/25

Creation dates: 1715

Physical characteristics: 95cm x 64cm

Scope and Content

Survey of Tanfield Lea estate, property of Gilbert Spearman, surveyed by William Cuthbertson, showing dykes and the site of an engine, scale 6½ch: 1"

Related Material

See Prof. Henry Louis, "Early Steam Engines in the North of England". Transactions of the Institute of Mining Engineers, Vol. LXXX11, 1932, pp.526 - 530.

Reference: NEIMME/Wat/34/26

Creation dates: 1868

Physical characteristics: 98cm x 62cm

Scope and Content

Plan of land on Westwood Farm, showing line of tramway and Blaydon and Consett branch of the North Eastern Railway, scale 2ch: 1"

Reference: NEIMME/Wat/34/27

Creation dates: nd

Physical characteristics: 99cm x 48cm

Scope and Content

Plan of Low Main Seam in Washington Colliery, scale 3ch: 1"

Reference: NEIMME/Wat/34/28

Creation dates: 1779

Physical characteristics: 51cm x 40cm

Scope and Content

Plan of Hallgarth Farm, Ryton, property of Thomas Eyre, surveyed by James Easton, scale 3ch: 1"

Reference: NEIMME/Wat/34/29

Creation dates: nd

Physical characteristics: 42cm x 55cm

Scope and Content

Sketch of the township of Ebchester

Reference: NEIMME/Wat/34/30

Creation dates: 1845

Physical characteristics: 39cm x 47cm

Scope and Content

Sketch of land belonging to William Spearman, showing position of Roddy Moor Colliery, marking Crook and Auckland railway and West Durham railway, scale 4ch: 1"

Reference: NEIMME/Wat/34/31

Creation dates: nd

Physical characteristics: 71cm x 53cm

Scope and Content

Chart of Hartlepool Bay, showing proposed improvements, surveyed by R. Dodd, engineer, showing outer harbour high water, inner harbour, north, east and west batteries, the site of the old pier and the site of proposed warping buoys, scale 220yds: 1"

Reference: NEIMME/Wat/34/31a

Creation dates: 1841

Physical characteristics: 33cm x 20cm

Scope and Content

Sketch of lands at Old Park, property of William Middleton and family, tenanted by Smart Atkinson

Reference: NEIMME/Wat/34/32

Creation dates: 1816

Physical characteristics: 47cm x 65cm

Scope and Content

Plan of Mrs Wharton's grounds at Coundon, showing where a trespass has been made within her royalty in the Five Quarter Coal Seam from Mr Dixon's Colliery, surveyed by W. Stobard, scale 2ch: 1"

Reference: NEIMME/Wat/34/33

Creation dates: nd

Physical characteristics: 53cm x 50cm

Scope and Content

Estate plan of lands in Crook and Billy Row, showing West Durham railway and Weardale Extension railway

Reference: NEIMME/Wat/34/34

Creation dates: nd

Physical characteristics: 70cm x 58cm

Scope and Content

Estate plan of Rainton Colliery grounds, Hetton Colliery grounds, Hall Garth estate, Ellemore estate, Sherburn lands, Sherburn House estate

Reference: NEIMME/Wat/34/35

Creation dates: nd

Physical characteristics: 31cm x 48cm

Scope and Content

Plan of workings at Whitworth Colliery, scale 2ch: 1"

Reference: NEIMME/Wat/34/36

Creation dates: nd

Physical characteristics: 63cm x 53cm

Scope and Content

Plan of workings [at Gateshead], under the River Tyne, scale 2ch: 1"

Reference: NEIMME/Wat/34/37

Creation dates: nd

Physical characteristics: 65cm x 48cm

Scope and Content

Sketch of workings in A Pit, Preston Grange Colliery, showing the line of the Great North Dyke, rise and dip ditches, and Ravenshaugh Toll Gate, scale 2ch: 1"

Reference: NEIMME/Wat/34/38

Creation dates: 1816

Physical characteristics: 109cm x 87cm

Scope and Content

Plan of workings under lands under which the coal belongs to the lessees of Elvet Colliery, held under the Dean and Chapter of Durham, copied from a colliery plan made by W.E. Walker, scale 2ch: 1"

Reference: NEIMME/Wat/34/39

Creation dates: nd

Physical characteristics: 96cm x 150cm

Scope and Content

Plan of workings in High Main Seam, Felling Colliery, scale 2ch: 1"

Reference: NEIMME/Wat/34/40

Creation dates: 1806

Physical characteristics: 116cm x 129cm

Scope and Content

Plan of workings in Yard Coal Seam, Murton Colliery, showing the bords where the ironstone has been taken out by Messrs Bulmer and Co. Ltd, scale 2ch: 1"

Reference: NEIMME/Wat/34/41

Creation dates: [1809]

Physical characteristics: 114cm x 131cm

Scope and Content

Plan of workings in the Yard Coal Seam, Murton Colliery, showing dykes and including a note signed by Robert Walters, John Burnell and John Giffith concerning the use of the plan in a court case, scale 2ch: 1"

Reference: NEIMME/Wat/34/42

Creation dates: 1799

Physical characteristics: 126cm x 116cm

Scope and Content

Plan of workings in Main Coal Seam, Murton Colliery, scale 2ch: 1"

Reference: NEIMME/Wat/34/43

Creation dates: 1799

Physical characteristics: Scale 2ch: 1" 137cm x 149cm

Scope and Content

Plan of workings in Main Coal Seam, Murton Colliery, showing dykes and the line of Murton waggonway

NEIMME/Wat/35 WATSON PLANS FOR England and Wales, General.

Creation dates: 1802 - 1859

Scope and Content

BOUND VOLUME OF COLLIERY AND ESTATE PLANS.

Reference: NEIMME/Wat/35/1

Creation dates: nd

Physical characteristics: Scale 4ch: 1", 125cm x 144cm

Scope and Content

Estate plan of Sheldon, near Birmingham, and Sheldon Colliery, showing boreholes, dykes and water level line

Reference: NEIMME/Wat/35/1a

Creation dates: 1838

Physical characteristics: Scale approx. 18ch: 1", 31cm x 78cm, printed

Scope and Content

Sections of the River Thames, appointed by the Corporation of London for colliers to anchor in on their entrance into the port, surveyed by W. May, lithographed by C.N. Frith, 7 St Michael's Alley, Cornhill

Reference: NEIMME/Wat/35/2

Creation dates: nd

Physical characteristics: 57cm x 71cm, printed

Scope and Content

Plan of the River Tees from Portrack to Yarm with the adjoining roads, engraved by Thomas Kitchin, engraver to the Duke of York

Reference: NEIMME/Wat/35/3

Creation dates: 1802

Physical characteristics: Scale 1 mile: 1", 50cm x 67cm, printed

Scope and Content

A draught of the entrance to the River Tees, carefully surveyed in January 1762 and most humbly dedicated and presented to the Right Honourable Master, Wardens, Assistants and Elder Brethren of the Corporation Trinity House, at Deptford Strand, surveyed by Joseph Dobson, pilot, sold wholesale, and retail by Christopher and Jennet, Stockton

Reference: NEIMME/Wat/35/4

Creation dates: 1805

Physical characteristics: 53cm x 43cm, printed

Scope and Content

A new survey of the River Tees, published by T. Appleby, North Shields

Reference: NEIMME/Wat/35/5

Creation dates: nd

Scope and Content

NEIMME/Wat/35/3

Reference: NEIMME/Wat/35/6

Creation dates: nd

Physical characteristics: Scale 2ch: 1", 67cm x 62cm

Scope and Content

Plan of unidentified workings

Reference: NEIMME/Wat/35/7

Creation dates: nd

Physical characteristics: Scale 2ch: 1", 83cm x 88cm

Scope and Content

Plan of workings in Rose Pit, unidentified colliery

Reference: NEIMME/Wat/35/8

Creation dates: 1834

Physical characteristics: Scale 2ch: 1", 42cm x 49cm

Scope and Content

Sketch of workings in A Pit, Preston Grange Colliery, showing the Great North Dyke and the Great South Dyke

Reference: NEIMME/Wat/35/9

Creation dates: 1832

Physical characteristics: Scale 1ch: 1", 49cm x 57cm

Scope and Content

View of the workings in A Pit, Preston Grange Colliery, showing the Great North Dyke and rise and dip ditches

Reference: NEIMME/Wat/35/10

Creation dates: nd

Physical characteristics: Scale 6ch: 1", 48cm x 58cm

Scope and Content

Estate plan of Wrenthorpe, Yorkshire, showing boreholes and a water level line

Reference: NEIMME/Wat/35/11

Creation dates: nd

Physical characteristics: 61cm x 52cm

Scope and Content

Plan of unidentified pits on land belonging to T. Cottingham and C. Stanley, scale 2ch: 1"

Reference: NEIMME/Wat/35/12

Creation dates: nd

Physical characteristics: 67cm x 98cm

Scope and Content

Plan of the township of Seacroft in the parish of Whitkirk in the West Riding of Yorkshire, scale 6ch: 1"

Reference: NEIMME/Wat/35/13

Creation dates: nd

Physical characteristics: 65cm x 56cm

Scope and Content

Plan of Cross Fell, Rodderup Fell, Flinty Fell and Ark Fell and the surrounding countryside, showing the position of lead mines

Reference: NEIMME/Wat/35/14

Creation dates: 1826

Physical characteristics: 83cm x 64cm

Scope and Content

Plan of part of Ness Colliery, Cheshire, property of Messrs Stanley and partners, showing a downcast dyke, a stone drift, an outburst of coal and boreholes

Reference: NEIMME/Wat/35/15

Creation dates: nd

Physical characteristics: 64cm x 77cm

Scope and Content

Plan of a borehole made at Workington by the defendant [Viscount Lowther], for the purpose of proving a lower seam of coal in the plaintiff's [John Christian Curwen] premises, scale 2ch: 1"

Reference: NEIMME/Wat/35/16

Creation dates: nd

Physical characteristics: 25cm x 83cm, printed

Scope and Content

Section of strata in Rosedale Bed [North Yorkshire] and of the River Seven valley, lithographed by Andrew Reid of Newcastle, scales 200': 1", 190': 1"

Reference: NEIMME/Wat/35/17

Creation dates: 1832

Physical characteristics: 30cm x 49cm

Scope and Content

Sketch of the bottom of an unidentified pit, showing the line of a waggonway, scale 4': 1"

Reference: NEIMME/Wat/35/18

Creation dates: nd

Physical characteristics: 80cm x 18cm

Scope and Content

A section of the different strata of stone plate or coal, or any remarkable fossil from the top of Cross Fell to the coal seams which are worked below the level of the sea at Whitehaven, scale 15fath: 1"

Reference: NEIMME/Wat/35/19

Creation dates: nd

Physical characteristics: 26cm x 45cm

Scope and Content

Plan of Rosedale [North Yorkshire], showing supposed outcrops of ironstone, lithographed by Andrew Reid, showing boreholes, scale 1 mile: 6"

Related Material

See NEIMME/Wat/16

Reference: NEIMME/Wat/35/20

Creation dates: nd

Physical characteristics: 41cm x 34cm

Scope and Content

Plan of pits on the land between Hewer Hill and Monkhouse Hill [Cumberland], showing boreholes, troubles and the outburst of coal

Reference: NEIMME/Wat/35/21

Creation dates: Feb 1859

Physical characteristics: 25cm x 49cm

Scope and Content

Section of strata on the west side of Rosedale [North Yorkshire], showing the position and supposed formation of the magnetic ore, lithographed by Andrew Reid of Newcastle, scale 100': 1"

Reference: NEIMME/Wat/35/22

Creation dates: nd

Physical characteristics: 49cm x 47cm

Scope and Content

Transverse section of the Vale of Rosedale, [North Yorkshire], lithographed by Andrew Reid of Newcastle, scale 100': 1"

Reference: NEIMME/Wat/35/23

Creation dates: nd

Physical characteristics: 12ch: 1". 44cm x 97cm

Scope and Content

Plan of the manor and estate of Easington and Bowlby and also the Grinkle Park in the parish of Easington in the North Riding of Yorkshire

Reference: NEIMME/Wat/35/24

Creation dates: nd

Physical characteristics: 96cm x 98cm

Scope and Content

Plan of pits on Garforth grounds

Reference: NEIMME/Wat/35/25

Creation dates: 1809

Physical characteristics: Scale 2ch: 1", 51cm x 44cm

Scope and Content

Plan of part of the Duke of Portland's Colliery at Hewer Hill in Cumberland, showing troubles and boreholes

Reference: NEIMME/Wat/35/26

Creation dates: 1809

Physical characteristics: Scale 2ch: 1", 47cm x 41cm

Scope and Content

Plan of part of the Duke of Portland's Colliery at Warnell Fell, Cumberland, showing troubles and boreholes

Reference: NEIMME/Wat/35/27

Creation dates: nd

Physical characteristics: 55cm x 43cm

Scope and Content

Plan of pits in an unidentified colliery

Reference: NEIMME/Wat/35/28

Creation dates: nd

Physical characteristics: Scale 3ch: 1", 29cm x 143cm

Scope and Content

Plan of Leeds coal staith, the road from the same to the estate of Charles Brandling, and the closes occupied by Mr Brandling through which the road is cut

Reference: NEIMME/Wat/35/29

Creation dates: 1807

Physical characteristics: Scale 2ch: 1", 64cm x 96cm

Scope and Content

Plan of the estates of Charles Brandling and others in the township of Middleton in the parish of Rothwell, Yorkshire, surveyed by [Jonathon] Teal, showing a dyke and indicating where the coal is to be found, including an explanation of the plan

Reference: NEIMME/Wat/35/30

Creation dates: nd

Physical characteristics: Scale 2ch: 1", 97cm x 110cm

Scope and Content

Plan of workings in King Pit Colliery, near Bowes, Yorkshire, property of Henry P. Pulleine

Reference: NEIMME/Wat/35/31

Creation dates: nd

Physical characteristics: Scale 5ch: 1", 101cm x 64cm

Scope and Content

Plan of workings in King Pit Colliery, near Bowes, Yorkshire, property of Henry P. Pulleine

Reference: NEIMME/Wat/35/32

Creation dates: nd

Physical characteristics: Scale 4ch: 1", 66cm x 84cm

Scope and Content

Section of strata in the Low Main Coal Seam on the estate of R.O. Gascoigne

Reference: NEIMME/Wat/35/33

Creation dates: nd

Physical characteristics: Scale 6ch: 1", 97cm x 64cm

Scope and Content

Plan of the lordship of Bowes [Yorkshire] where the pits belong to Wingate Pulleine

Reference: NEIMME/Wat/35/34

Creation dates: 1821

Physical characteristics: Scale 6ch: 1", 129cm x 144cm

Scope and Content

Plan of estates in the parishes of West Bromwich, Wednesbury, Tipton and Handsworth in the county of Stafford, property of the trustees of the late T.C. Jervoise, surveyed by William Fowler

Reference: NEIMME/Wat/35/35

Creation dates: 1807

Physical characteristics: Scale 2ch: 1", 128cm x 152cm

Scope and Content

Plan of an estate at Willington Quay, Northumberland, property of the Corporation of Newcastle upon Tyne, with a part of Jarrow grounds, also showing the workings of the same made in the High Main Coal Seam of Temple Main Colliery

Reference: NEIMME/Wat/35/36

Creation dates: nd

Physical characteristics: 74cm x 124cm

Scope and Content

Sections of strata at Netherton, Wrenthorp, Rigton and Bardsey, [North Yorkshire]

Reference: NEIMME/Wat/35/37

Creation dates: nd

Physical characteristics: Scale 6ch: 1", 64cm x 94cm

Scope and Content

Plan of the township of Allerton Bywater in the parish of Kippax, Yorkshire, showing freehold lands formerly belonging to George Lane Fox, together with copyhold lands within the manor and

NEIMME/Wat/35a WATSON PLANS FOR Scotland and Europe.

Creation dates: 1817 - 1857

Scope and Content

BOUND VOLUME OF COLLIERY AND ESTATE PLANS.

VOLUME IS MARKED WITH THE ORIGINAL SHELF NUMBER. THIS ORIGINAL SHELF NUMBER HAS BEEN RETAINED, PREFACED BY THE IDENTIFIER WAT/

Reference: NEIMME/Wat/35a/1

Creation dates: nd

Physical characteristics: 66cm x 86cm

Scope and Content

Geological Ordnance Survey of Cheshire (No.LXXX1, S.W.)

Surveyed by W.W. Smyth, Edward Hull, A.C. Ramsey and A.H. Green, engraved by Benjamin Baker and assistants, writing by J.W. Froggett, hills by J. Peake, sold by Edward Stanford, 26 and 27 Cockspur Street, Charing Cross, London, scale 1": 1 mile, geological information published in 1857, railways added up to 1879

Reference: NEIMME/Wat/35a/2

Creation dates: 1857

Physical characteristics: Scale 6": 1 mile, 65cm x 96cm, printed

Scope and Content

Geological survey of England and Wales, horizontal section No 41, section from south west to north east across Lower Lias, New Red Sandstone, Permian, the North Staffordshire Coalfield and

Carboniferous Limestone, through Norton, Whitmore Heath, Longton to Waterfall Low, surveyed by Edward Hull and A.H. Green, engraved by J.W. Lowry, 45 Robert Street, Hampstead Road, sold by Edward Stanford, 26 and 27 Cockspur Street, Charing Cross

Reference: NEIMME/Wat/35a/3

Creation dates: 1858

Physical characteristics: Scale 6": 1 mile, 65cm x 96cm, printed

Scope and Content

Geological survey of England and Wales, horizontal section No 42, section from west to east across the New Red Sandstone, the North Staffordshire Coalfield and Carboniferous Limestone through Talk, Endon and Parwich, surveyed by Edward Hull and A.H. Green, sold by Edward Stanford, 26 and 27 Cockspur Street, Charing Cross

Reference: NEIMME/Wat/35a/4

Creation dates: 1868

Physical characteristics: Scale 6": 1 mile, 65cm x 96cm, printed

Scope and Content

Geological survey of England and Wales, horizontal section No 55, section west to east from the New Red Sandstone at Moore, across the Permian strata of Keel and Newcastle, the North Staffordshire Coalfield by Hanley and Cheddleton to the Millstone Grit of Morridge, surveyed by Edward Hull and A.H. Green, engraved by J.W. Lowry, sold by Edward Stanford, 26 and 27 Charing Cross

Reference: NEIMME/Wat/35a/5

Creation dates: 1817

Physical characteristics: 110cm x 127cm

Scope and Content

Estate plan of Mostyn, [Flintshire], Wales showing pits

Reference: NEIMME/Wat/35a/6

Creation dates: nd

Physical characteristics: 65cm x 133cm

Scope and Content

Estate plan of Mostyn, [Flintshire], and surrounding lands, showing line of Rigban Fault and a downcast dyke

Reference: NEIMME/Wat/35a/7

Creation dates: nd

Scope and Content

Description of strata in pits in an unidentified Welsh colliery

Reference: NEIMME/Wat/35a/8

Creation dates: nd

Physical characteristics: 160cm x 12cm

Scope and Content

Section of minerals at the Ebbw Vale Company's Iron Works in Monmouthshire, scale 15yds: 1"

Reference: NEIMME/Wat/35a/9

Creation dates: nd

Physical characteristics: 74cm x 148cm

Scope and Content

Plan of workings in the Three Yard Coal Seam at Mostyn Colliery, [Flintshire], showing furnaces, a foundry, two reservoirs, docks and a railway line, scale 30yds: 1"

Reference: NEIMME/Wat/35a/10

Creation dates: nd

Physical characteristics: 76cm x 149cm

Scope and Content

Plan of workings in the Five Yard Coal Seam at Mostyn Colliery, [Flintshire], showing furnaces, a foundry, two reservoirs, docks and a railway line, scale 30yds: 1"

Reference: NEIMME/Wat/35a/11

Creation dates: nd

Physical characteristics: 75cm x 96cm

Scope and Content

Plan of workings in the Two Yard Coal Seam at Mostyn Colliery, [Flintshire], showing furnaces, a foundry, two reservoirs, docks and a railway line

Reference: NEIMME/Wat/35a/12

Creation dates: 1834

Physical characteristics: 26cm x 80cm

Scope and Content

Section of minerals at Mostyn Colliery, Flintshire, showing downcast faults and dykes, scale 40yds: 1"

Reference: NEIMME/Wat/35a/13

Creation dates: nd

Physical characteristics: 65cm x 99cm

Scope and Content

Plan of workings in Durbog Coal Seam, Mostyn Colliery, [Flintshire], showing furnaces, a foundry, two reservoirs, docks and a railway line, scale 30yds: 1"

Reference: NEIMME/Wat/35a/14

Creation dates: nd

Physical characteristics: 38cm x 97cm

Scope and Content

Section of coal mines at Mostyn Colliery, [Flintshire], showing upcast and downcast dykes, scale 30yds: 1"

Reference: NEIMME/Wat/35a/15

Creation dates: nd

Physical characteristics: 48cm x 66cm

Scope and Content

Plan of workings in the Four Foot Coal Seam at Dee Green Colliery, [Flintshire], showing faults and dykes

Reference: NEIMME/Wat/35a/16

Creation dates: nd

Physical characteristics: 48cm x 64cm

Scope and Content

Plan of unidentified workings

Reference: NEIMME/Wat/35a/17

Creation dates: 1828

Physical characteristics: Scale 2ch: 1", 55cm x 69cm

Scope and Content

Plan of workings in the Four Foot Coal Seam, 10th pit, Dee Green Colliery, [Flintshire]

Reference: NEIMME/Wat/35a/18

Creation dates: 1827

Physical characteristics: Scale 2ch: 1", 56cm x 70cm

Scope and Content

Copy of plan of Dee Green Colliery in the parish of Flint, property of Thomas Eyton, surveyed by John Peters, endorsed by Peter Williams, Master Extraordinary in Chancery

Reference: NEIMME/Wat/35a/19

Creation dates: 1850 Physical characteristics: Scale 2ch: 1", 103cm x 142cm²⁰

Scope and Content

Plan of workings in the Craigola Seam in Birchgrove Colliery, Swansea

Reference: NEIMME/Wat/35a/20

Creation dates: nd Physical characteristics: 104cm x 107cm

Scope and Content

Plan of unidentified workings

Reference: NEIMME/Wat/35a/21

Creation dates: nd Physical characteristics: 97cm x 124cm

Scope and Content

Estate plan of Neath, Ynis Y Mond, Dyf Eryn Clydach, Courthidyr estate and Drumma Hill, [Glamorgan], showing Gardners Fault, upcast and downcast dykes, the site of Neath Abbey Iron Works and Mine's Royal Copper Works

Reference: NEIMME/Wat/35a/22

Creation dates: nd Physical characteristics: 114cm x 98cm

Scope and Content

Plan of the estate of Kinmont in the parish of Cummertrees and Annan in the county of Dumries, property of the Marquis of Queensbury, surveyed by W. Crawford and Son of Cameron Bank, near Edinburgh

Reference: NEIMME/Wat/35a/23

Creation dates: 1809 Physical characteristics: 63cm x 53cm

Scope and Content

Plan of Gustaf IV Adolph Colliery in the parish of Vasby, in the province of Schonon, in the county of Malmo, Sweden

Reference: NEIMME/Wat/35a/24

Creation dates: nd. c.1809 Physical characteristics: 75cm x 66cm

Scope and Content

As NEIMME/Wat/23

**NEIMME/Wat/38 WATSON COLLECTION OF VOLUMES OF PLANS
AND MISCELLANEOUS DOCUMENTS**

Scope and Content

Volumes of plans and miscellaneous documents Wat/38/1 appears to be part of the plans section, Wat/19-35 above, Wat/38/2, 4-6 probably from the Watson Collection but Wat/38/7-8 appears to be strays from elsewhere. Also includes a collection of pitmen's bonds and documents relating to South Heaton Colliery

Reference: NEIMME/Wat/38/1

Creation dates: 1768-1792 Physical characteristics: Leather bound volume, 60 x 50cm, 46 plans

Scope and Content

Volume of Colliery, Estate and Machinery Plans.

Reference: NEIMME/Wat/38/1/1

Creation dates: [1778]

Scope and Content

Plan and section of a beam for Gateshead Park [pumping] engine, no scale

Reference: NEIMME/Wat/38/1/3

Creation dates: 1778

Scope and Content

Plan of the underface of the regulator for the Gateshead Park [pumping] engine, no scale

Reference: NEIMME/Wat/38/1/5

Creation dates: 1778

Scope and Content

Section of a link in the chain for the Gateshead Park engine, no scale

Reference: NEIMME/Wat/38/1/7

Creation dates: 8 June 1781

Scope and Content

Plan and section of a cylinder at Saltwellside [Sattleside] Colliery, no scale

Reference: NEIMME/Wat/38/1/9

Creation dates: 1768

Scope and Content

Plan of Gateshead Town Fields giving field names and acreages, scale 6ch: 1"

Reference: NEIMME/Wat/38/1/11

Creation dates: April 1776

Scope and Content

Plan of Gateshead Fell Colliery marking workings in the Five Quarter Seam, scale 6ch: 1"

Reference: NEIMME/Wat/38/1/13

Creation dates: 28 March 1780

Scope and Content

Plan, elevation and section of a proposed timber bridge at Wylam, no scale

Reference: NEIMME/Wat/38/1/15

Creation dates: 10 April 1780

Scope and Content

Plan of Callerton Colliery marking workings in the Upper Seam, giving field names and acreages, scale 3ch: 1"

Reference: NEIMME/Wat/38/1/17

Creation dates: nd

Scope and Content

Plan of the harbour at Cullercoates, scale 3ch: 1"

Reference: NEIMME/Wat/38/1/18

Creation dates: 6 May 1780

Scope and Content

Plan of the proposed waggonway and staith at Redheugh, scale 2ch: 1"

Reference: NEIMME/Wat/38/1/19

Creation dates: nd

Scope and Content

Plan of the Washington Estate of the Bishop of Durham, marking field names, acreages and details of colliery leases, scale 8ch: 1"

Reference: NEIMME/Wat/38/1/20

Creation dates: 1783

Scope and Content

Plan of Threap Moor between Tynemouth and Killingworth Moor, scale 4ch: 1"

Reference: NEIMME/Wat/38/1/21

Creation dates: nd

Scope and Content Plan of lands at Pipe Hills near Redheugh giving acreages, no scale

Reference: NEIMME/Wat/38/1/23

Creation dates: nd

Scope and Content

Plan of Mickley East Moor, marking workings, no scale, Incomplete

Reference: NEIMME/Wat/38/1/25

Creation dates: 20 Dec 1792

Scope and Content

Plan of workings from the Betty Pit, Gateshead Park Colliery, no scale, Incomplete

Reference: NEIMME/Wat/38/1/28

Creation dates: 10 Dec 1794

Scope and Content

Plan of a piston for the Gateshead Park new engine, scale 1": 1'

Reference: NEIMME/Wat/38/1/29

Creation dates: nd

Scope and Content

Plan of the Crawcrook area showing waggonways, no scale, Incomplete

Reference: NEIMME/Wat/38/1/31

Creation dates: nd

Scope and Content

Unidentified Plan

Reference: NEIMME/Wat/38/1/33

Scope and Content

Unidentified Plannd

Reference: NEIMME/Wat/38/1/35

Creation dates: nd

Scope and Content

Unidentified section of a beam engine for drawing coal, no scale

Reference: NEIMME/Wat/38/1/39

Creation dates: 15 Nov 1774

Scope and Content

Plan of part of Thomas Riddell's estate near Swarland, Felton marking pits, scale 100yds: 1"

Reference: NEIMME/Wat/38/1/41

Creation dates: nd

Scope and Content

Plan of the workings at Quarry Houes Colliery with details of working and drainage, no scale

Reference: NEIMME/Wat/38/1/43

Creation dates: nd

Scope and Content

Plan of workings from the Betty Pit, Gateshead Park, scale 4ch: 1"

Reference: NEIMME/Wat/38/1/46

Creation dates: nd

Scope and Content

Plan of Washington Colliery showing workings in the Low Main Seam, scale 3ch: 1"

Reference: NEIMME/Wat/38/2

Creation dates: 1810 - 1828

Extent and Form: 5 bonds

Scope and Content

Volume containing pitman's bonds for work at Jay Pit, Gateshead Park, 1826, Hall Pit, Gateshead Park, 1826, Gateshead Park Colliery, 1827 and 1828 and Byker, 1810, giving names and marks of pitman

Reference: NEIMME/Wat/38/3

Creation dates: nd

Scope and Content

No document

Reference: NEIMME/Wat/38/4

Creation dates: nd

Scope and Content

Notebook containing references to a plan of Westgate and Elswick estates (not included) giving field names, acreages and tenants

Reference: NEIMME/Wat/38/5

Creation dates: nd

Scope and Content

Copy of NEIMME/Wat/38/4

Reference: NEIMME/Wat/38/6

Creation dates: 1793 - 1816

Location of Originals

The original bundle order has been retained.

Scope and Content

Bundle of documents re South Heaton Colliery

Reference: NEIMME/Wat/38/6/1

Creation dates: 1793 - 1816

Extent and Form: 13 docs

Scope and Content

Accounts of coal lead from South Heaton

Reference: NEIMME/Wat/38/6/2

Creation dates: 21 April 1802

Scope and Content

Report re Spanish Closes and Heaton Collieries by John Bedlington, George Dormond and William Casson

Reference: NEIMME/Wat/38/6/3

Creation dates: 1 May 1808

Scope and Content

Statement of terms for a lease of South Heaton Colliery from Sir John Lawson to William Harrison and others

Reference: NEIMME/Wat/38/6/4

Creation dates: May 1808

Scope and Content

Estimate of the cost of winning Seghill and Burradon Collieries by Christopher Bedlington

Reference: NEIMME/Wat/38/6/5

Creation dates: 19 April 1810

Scope and Content

Abstract of an agreement between Mrs. Ibbetson and Harrison, Cooke and Co. for a wayleave and staithroom at Byker

Reference: NEIMME/Wat/38/6/6

Creation dates: 1810 - 1811

Scope and Content

Notebook containing measurements of narrow work at South Heaton

Reference: NEIMME/Wat/38/6/7

Creation dates: May 1810

Scope and Content

Bill for costs of Harrison, Cooke and Co

Reference: NEIMME/Wat/38/6/8

Creation dates: 7 Oct 1810

Scope and Content

Letter from William Stobbart to Thomas Easton re terms for a wayleave lease

Reference: NEIMME/Wat/38/6/9

Creation dates: 1810 - 1811

Extent and Form: 10 letters

Scope and Content

Bundle of letters to Thomas Easton mainly re Harrison, Cooke and Co's waggonway lease

Reference: NEIMME/Wat/38/6/10

Creation dates: 1810

Extent and Form: 3 docs

Scope and Content

Accounts of Harrison, Cooke and Co. with Thomas Easton

Reference: NEIMME/Wat/38/6/11

Creation dates: 1810 - 1811

Extent and Form: 11 docs

Scope and Content

Bundle of various accounts, mainly of Harrison, Cooke and Co. re South Heaton

Reference: NEIMME/Wat/38/6/12

Creation dates: 1810 - 1811

Scope and Content

Bundle of vouchers, mainly of Harrison, Cooke and Co

Reference: NEIMME/Wat/38/6/13

Creation dates: 3, 17 April 1811

Scope and Content

Staith bills of Thomas Easton

Reference: NEIMME/Wat/38/6/14

Creation dates: 27 April 1811

Scope and Content

Notes re the progress of the flooding at South Heaton

Reference: NEIMME/Wat/38/6/15

Creation dates: 27 April 1811

Scope and Content

Valuation of ground damaged by the waggonway, by John Dodd

Reference: NEIMME/Wat/38/6/16

Creation dates: 1811

Scope and Content

Advertisement for the sale of the South Heaton waggonway

Reference: NEIMME/Wat/38/6/17

Creation dates: c. 1810 - 1811

Extent and Form: 5 docs

Scope and Content

Account of crops on Mr. Lawson's estate at Byker

Reference: NEIMME/Wat/38/18

Creation dates: [1811]

Scope and Content

Accounts of the sale of the waggonway

Reference: NEIMME/Wat/38/19

Creation dates: nd

Scope and Content

Account of prices paid for hewing at Walker

Reference: NEIMME/Wat/38/7

Creation dates: nd

Scope and Content

Folder of plans, many damaged or incomplete, of existing and proposed roads in the Allendale area, including plan of the proposed turnpike from Woolley to the Alston turnpike near Nenthead, giving names of owners and acreages of lands adjoining the roads, no scale

Reference: NEIMME/Wat/38/8

Creation dates: April - May 1905

Scope and Content

Volume containing sections of coal seams in County Durham showing the correlation of the seams in the different areas and giving local and proposed new names, by William Logan