Client: UK COAL

Project: NORTH GAWBER COLLIERY
REMEDIATION AND REDEVELOPMENT SCHEME
GEO-ENVIRONMENTAL ASSESSMENT REPORT

Drawing Title: LOCATION OF CONTAMINATED SOILS
FIGURE 6

Drawing No.: SDA/04041/06

Scales: 1 : 2000

Status: FINAL

Drawn	Date	Checked	Passed
DAS	JAN 05	SD	DAB

Derwentside Business Centre
Consett Business Park
Consett, Co. Durham
DH8 6BP

Geotechnical Engineers
Environmental Consultants
Hydrogeologists
Mineral Surveyors

SCOTT DOHERTY associates

409800 N
409700 N
409600 N
409500 N
409400 N

432700 E
432800 E
432900 E
433000 E
433100 E
433200 E
433300 E
433400 E

CONCRETE FOUNDATIONS
RUBBLE
CLARIFICATION REQUIRED
CONCRETE WALL
CONCRETE
CONCRETE BLOCK
TREES
PYLON
MH
BH
TP
PAH
TEM, PAH
PAH, TEM
TPH
TPH, PAH

LEGEND

- pH
- Arsenic
- Nickel
- Sulphates
- Hydrocarbons (PAH, TPH, TEM)
- Copper
- Sulphide

REPRODUCED FROM THE ORDNANCE SURVEY MAP WITH PERMISSION OF THE CONTROLLER OF H.M. STATIONERY OFFICE. © CROWN COPYRIGHT
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APPENDIX A

COPIES OF ORDNANCE SURVEY PLANS

Envirocheck®
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Envirocheck®Report:

Historical Map List

Report on:
North Gawber Colliery
Barnsley

National Grid Reference :

433000, 409610

Prepared For :
Scott Doherty Associates
10545
5, Derwentside Business Centre
Consett Business Park
Consett
County DurhamDH8 6BP

Your Reference
Mr A Coverdale,SDA/04014

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Ordnance Survey County Series Published 1892 to 1893

County	Mapsheet	Scale	Year
Yorkshire	262_15	1:2,500	1893
Yorkshire	274_03	1:2,500	1892

Ordnance Survey County Series Published 1906

County	Mapsheet	Scale	Year
Yorkshire	262_15	1:2,500	1906
Yorkshire	274_03	1:2,500	1906

Ordnance Survey County Series Published 1918 to 1931

County	Mapsheet	Scale	Year
Yorkshire	262_15	1:2,500	1918
Yorkshire	274_03	1:2,500	1931

Ordnance Survey Plan Published 1962

National Grid Series	Mapsheet	Scale	Year
Ordnance Survey Plan	SE3209	1:2,500	1962
Ordnance Survey Plan	SE3309	1:2,500	1962

Ordnance Survey Plan Published 1974

National Grid Series	Mapsheet	Scale	Year
Ordnance Survey Plan	SE3209	1:2,500	1974
Ordnance Survey Plan	SE3309	1:2,500	1974

Ordnance Survey Plan Published 1977

National Grid Series	Mapsheet	Scale	Year
Ordnance Survey Plan	SE3209NE	1:1,250	1977
Ordnance Survey Plan	SE3309NW	1:1,250	1977

Ordnance Survey County Series Published 1854 to 1855

County	Mapsheet	Scale	Year
Yorkshire	262_00	1:10,560	1854
Yorkshire	274_00	1:10,560	1855

Ordnance Survey County Series Published 1891 to 1894

County	Mapsheet	Scale	Year
Yorkshire	262_SE	1:10,560	1894
Yorkshire	262_SW	1:10,560	1894
Yorkshire	274_NE	1:10,560	1894
Yorkshire	274_NW	1:10,560	1891

Ordnance Survey County Series Published 1907

County	Mapsheet	Scale	Year
Yorkshire	262_SE	1:10,560	1907
Yorkshire	262_SW	1:10,560	1907
Yorkshire	274_NE	1:10,560	1907
Yorkshire	274_NW	1:10,560	1907

Ordnance Survey County Series Published 1938

County	Mapsheet	Scale	Year
Yorkshire	262_SE	1:10,560	1938
Yorkshire	262_SW	1:10,560	1938
Yorkshire	274_NE	1:10,560	1938
Yorkshire	274_NW	1:10,560	1938

Ordnance Survey Plan Published 1956

National Grid Series	Mapsheet	Scale	Year
Ordnance Survey Plan	SE30NW	1:10,560	1956
Ordnance Survey Plan	SE31SW	1:10,560	1956

Ordnance Survey Plan Published 1965 to 1966

National Grid Series	Mapsheet	Scale	Year
Ordnance Survey Plan	SE30NW	1:10,560	1966
Ordnance Survey Plan	SE31SW	1:10,560	1965

Ordnance Survey Plan Published 1973 to 1980

National Grid Series	Mapsheet	Scale	Year
Ordnance Survey Plan	SE30NW	1:10,000	1973
Ordnance Survey Plan	SE31SW	1:10,000	1980

Ordnance Survey Plan Published 1983

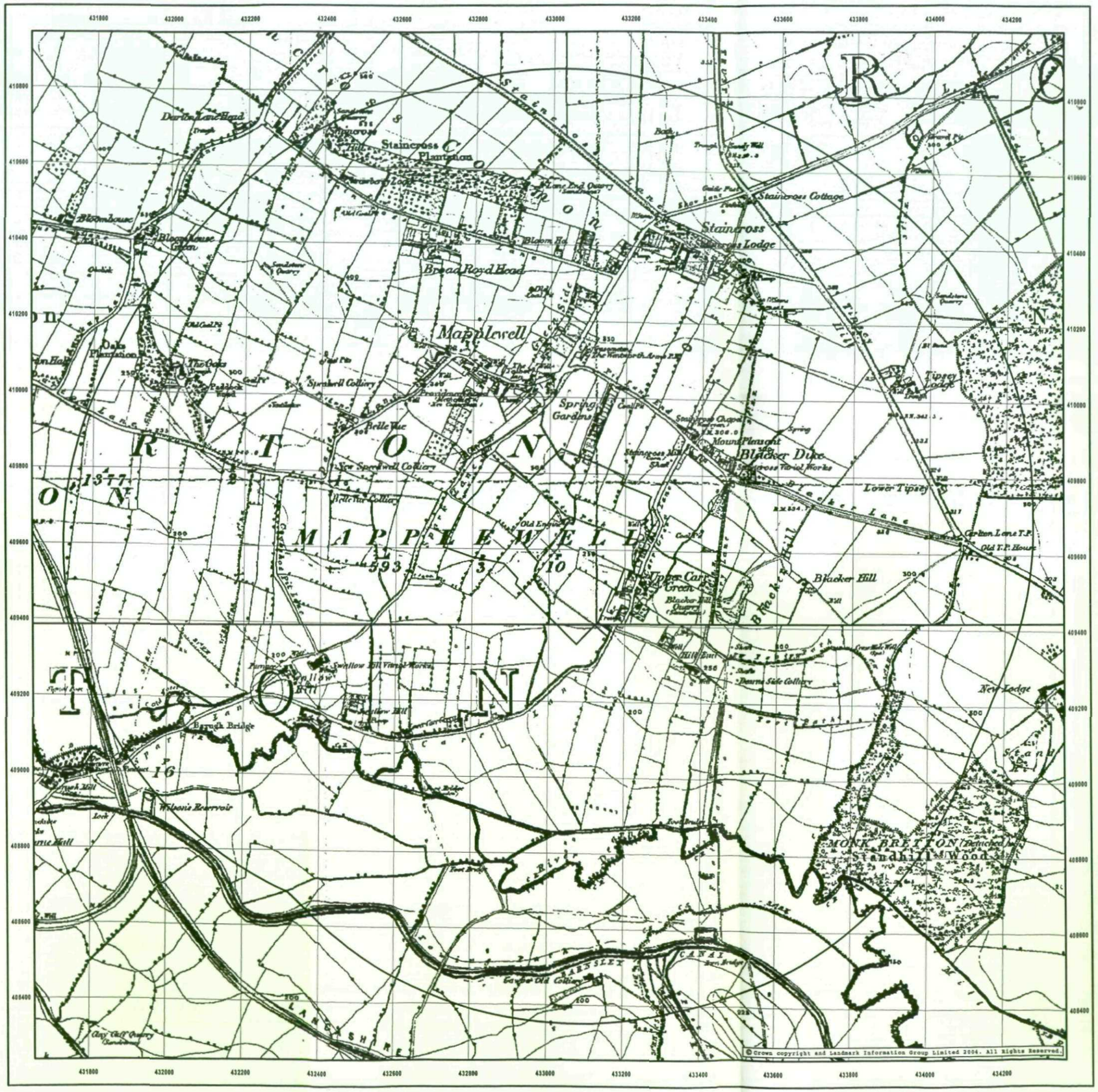
National Grid Series	Mapsheet	Scale	Year
Ordnance Survey Plan	SE30NW	1:10,000	1983

Ordnance Survey Plan Published 1991 to 1993

National Grid Series	Mapsheet	Scale	Year
Ordnance Survey Plan	SE30NW	1:10,000	1993
Ordnance Survey Plan	SE31SW	1:10,000	1991

Ordnance Survey Plan Published 2000

	Mapsheet	Scale	Year
Ordnance Survey Plan	SE30NW	1:10,000	2000
Ordnance Survey Plan	SE31SW	1:10,000	2000



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CLIENT DETAILS Envirocheck Order No. EC3967251_1_1 (26-May-2004 16:09)

Customer Ref: Mr A Coverdale,SDA/04014
Scott Doherty Associates
5, Derwentside Business Centre Consett Business Park
Consett
County Durham DH8 6BP

SITE DETAILS Grid Reference 433000 409610

North Gawber Colliery
Barnsley

Historical Map Legend

- Quarry
- Shingle
- Railway over Road
- Road over Railway
- Gravel Pit
- Sand Pit
- Level Crossing
- Railway over River
- Other Pits
- Road over Stream
- Road over Stream
- Rough Pasture
- Furze
- Road over River or Canal
- Marsh
- Reeds
- Sunken Road
- Raised Road
- Osiers
- Instrumental Contour
- Arrow denotes flow of Water
- Sketched Contour

YORKSHIRE

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given on the right therefore is often some years later than the surveyed date. Before 1936, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Source map scale - 1:10,560

1854

1855

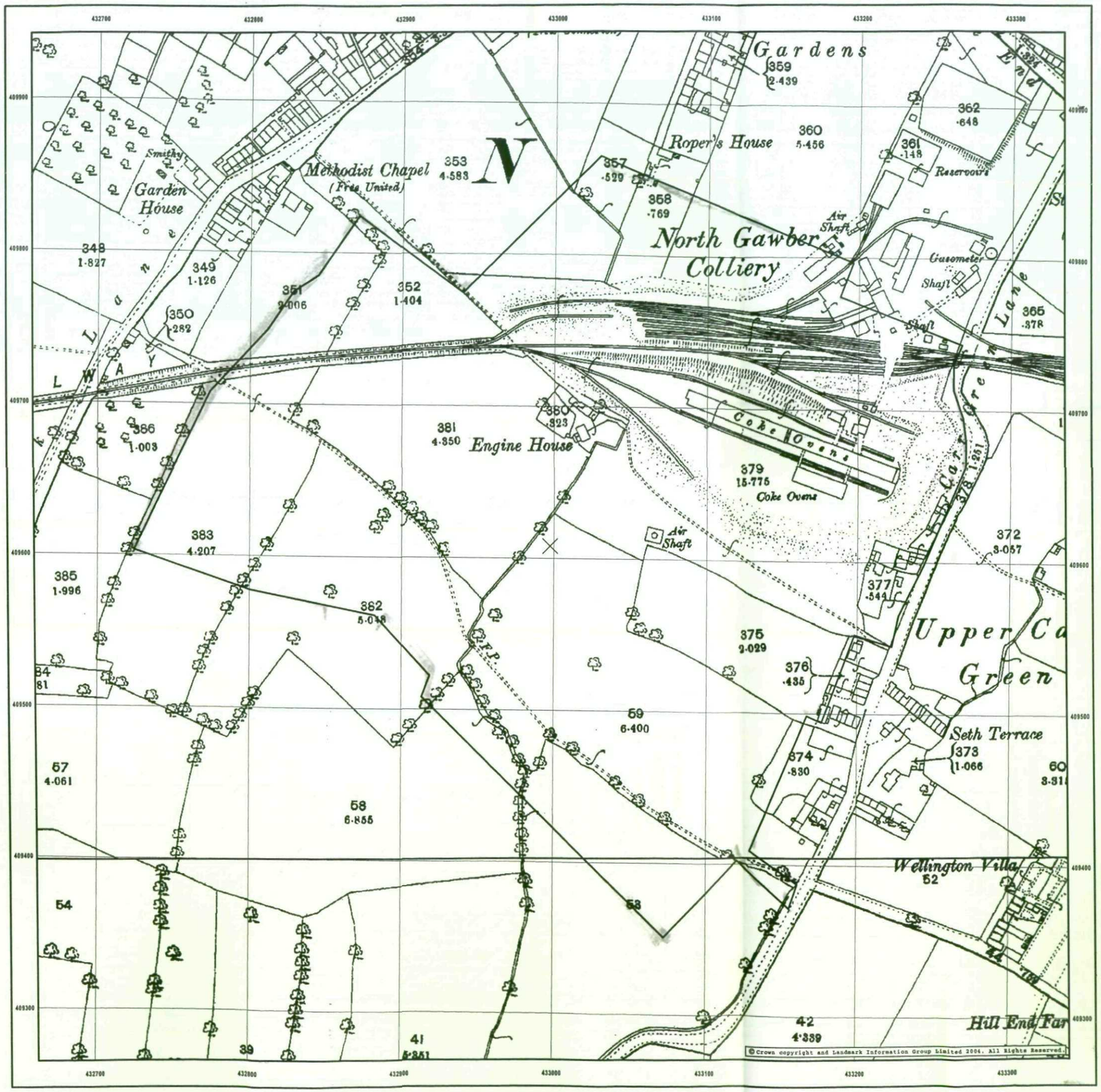
Date(s) of Publication

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Consett
County Durham DH8 6BP

SITE DETAILS Grid Reference 433000 409610

North Gawber Colliery
Barnsley

Historical Map Legend

Quarry
Sand Pit
Marsh
Reeds
Gravel Pit
Clay Pit
Rough Pasture
Furze
Refuse Heap
Shingle
Osiers
Ford
Railway crossing River or Canal
Railway crossing Road
Level Crossing
Embankment
Cutting
Road crossing Railway
Road over single Stream
Road over River or Canal
Arrow denotes flow of Water

YORKSHIRE

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given on the right is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Source map scale - 1:2,500

1893
1892

Date(s) of Publication

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Consett
County Durham DH8 6BP

SITE DETAILS Grid Reference 433000 409610

North Gawber Colliery
Barnsley

Historical Map Legend

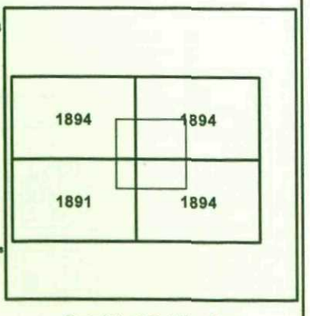
- Quarry
- Shingle
- Railway over Road
- Road over Railway
- Gravel Pit
- Sand Pit
- Level Crossing
- Railway over River
- Other Pits
- Road over Stream
- Road over Stream
- Rough Pasture
- Furze
- Road over River or Canal
- Marsh
- Reeds
- Sunken Road
- Raised Road
- Osiers
- Instrumental Contour
- Arrow denotes flow of Water
- Sketched Contour

YORKSHIRE

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Source map scale - 1:10,560



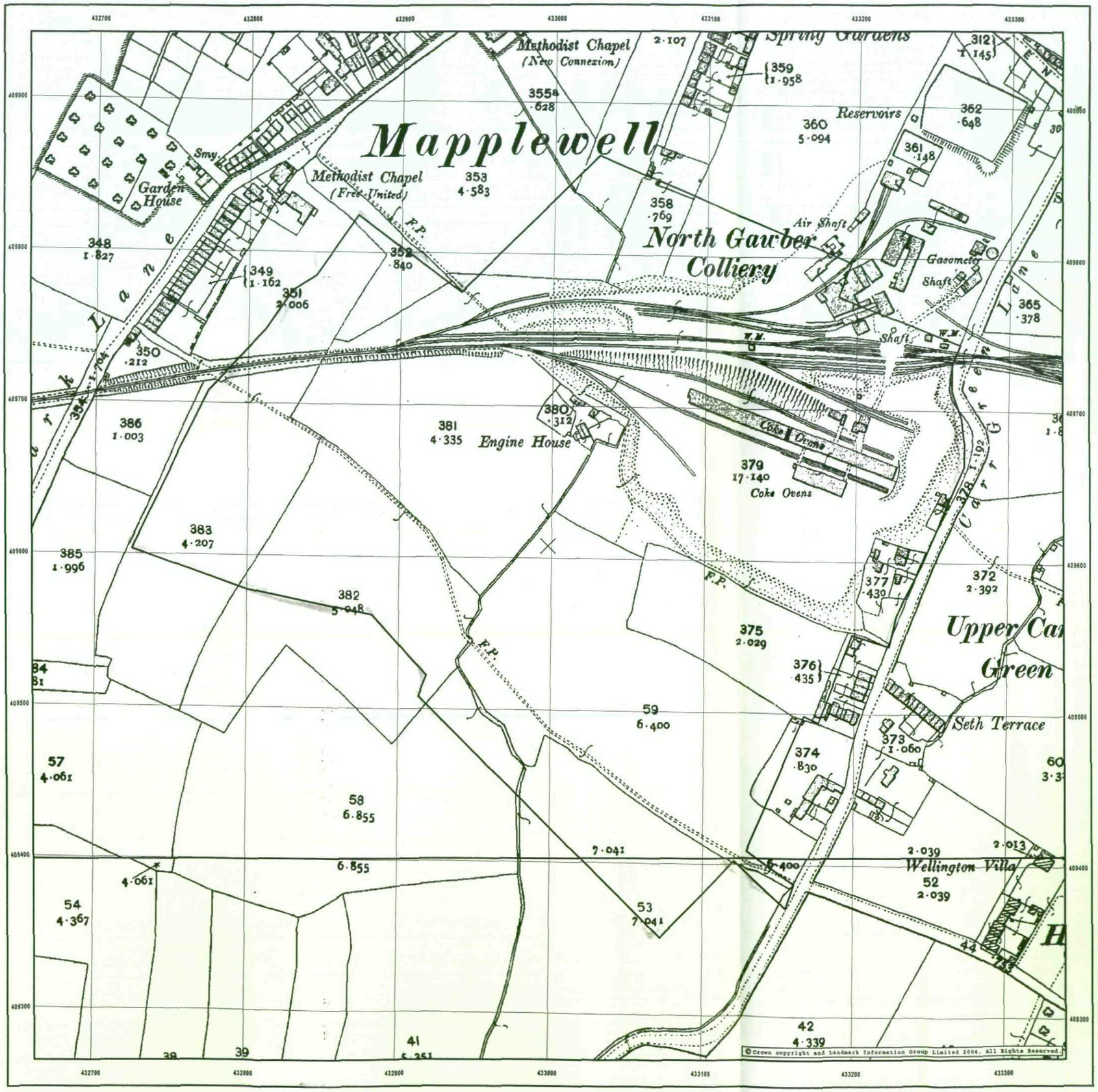
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Consett
County Durham DH8 6BP

SITE DETAILS Grid Reference 433000 409610

North Gawber Colliery
Barnsley

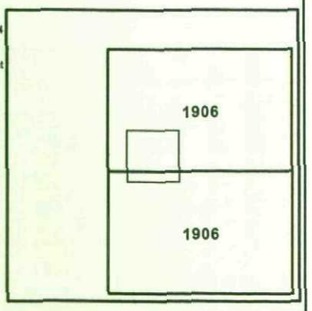
Historical Map Legend

Quarry
Sand Pit
Marsh
Reeds
Gravel Pit
Clay Pit
Rough Pasture
Furze
Refuse Heap
Shingle
Osiers
Ford
Railway crossing River or Canal
Railway crossing Road
Level Crossing
Embankment
Cutting
Road crossing Railway
Road over single Stream
Road over River or Canal
Arrow denotes flow of Water

YORKSHIRE

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Source map scale - 1:2,500



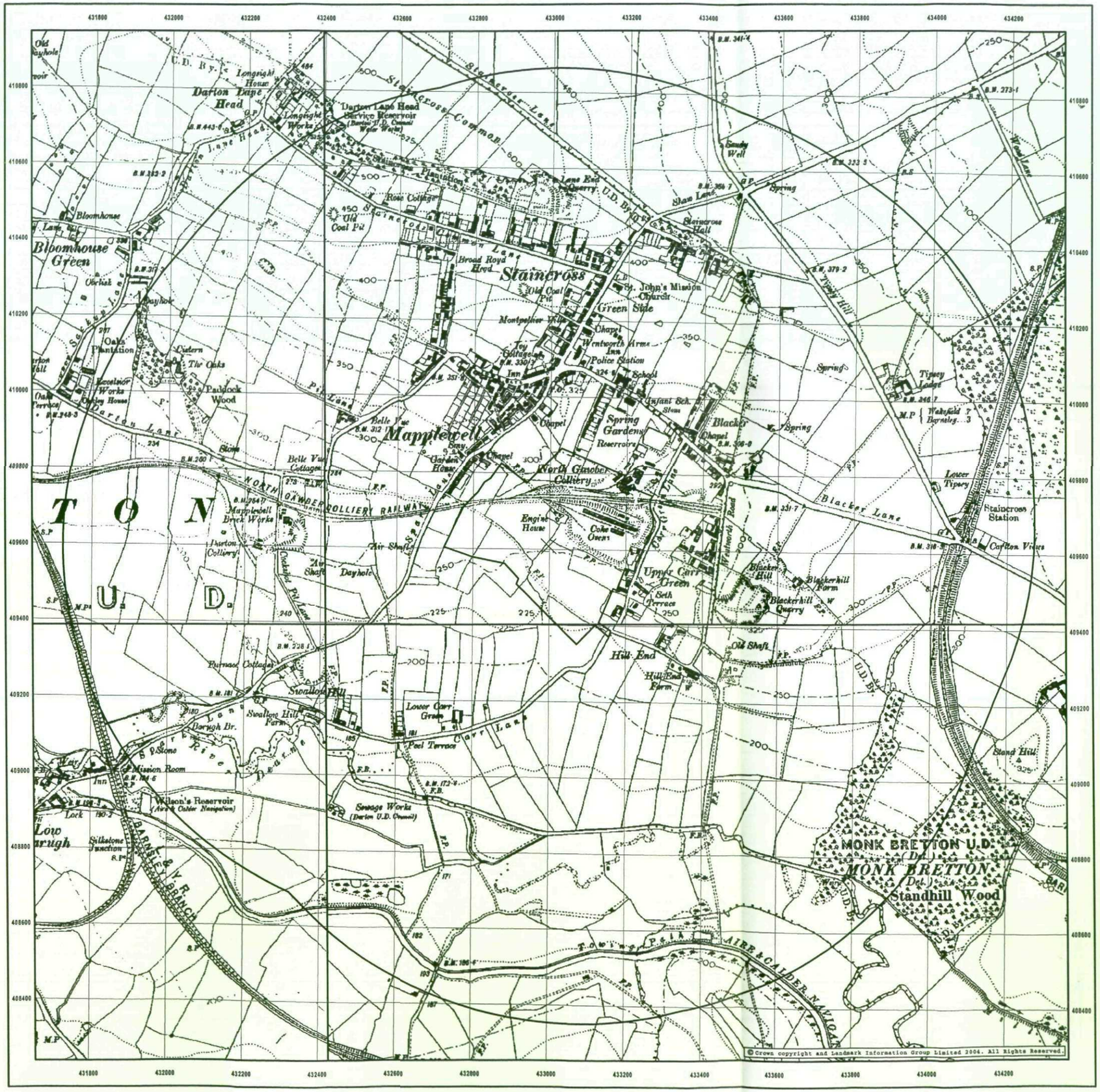
Date(s) of Publication

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Scott Doherty Associates
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Consett
County Durham DH8 6BP

SITE DETAILS Grid Reference 433000 409610

North Gawber Colliery
Barnsley

Historical Map Legend

Quarry; Shingle; Railway over Road; Road over Railway; Gravel Pit; Sand Pit; Level Crossing; Railway over River; Other Pits; Road over Stream; Road over Stream; Rough Pasture; Furze; Road over River or Canal; Marsh; Reeds; Sunken Road; Raised Road; Osiers; Instrumental Contour; Arrow denotes flow of Water; Sketched Contour

YORKSHIRE

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Source map scale - 1:10,560

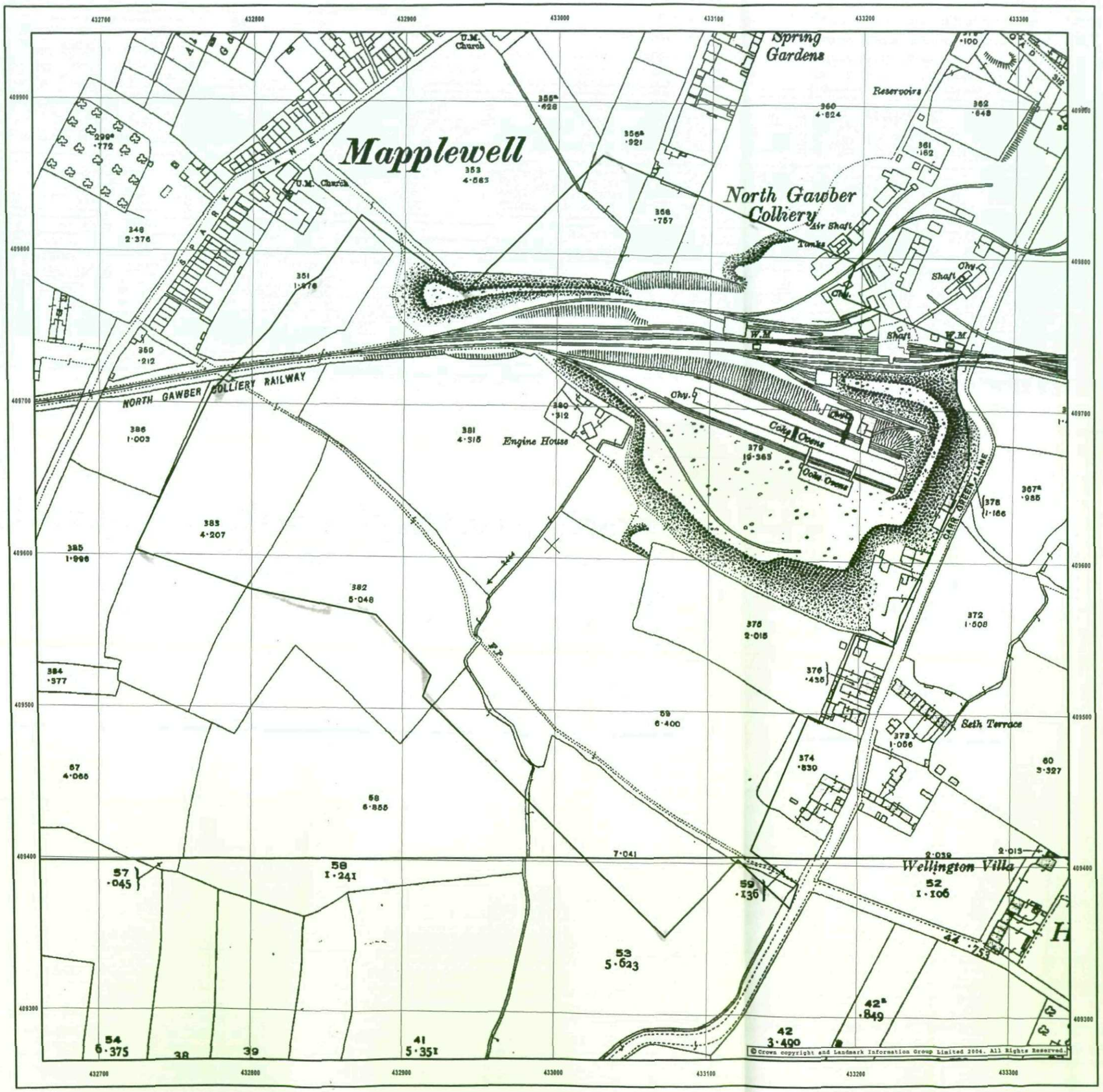
1907	1907
1907	1907

Date(s) of Publication

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Scott Doherty Associates
5, Derwentside Business Centre Consett Business Park
Consett
County Durham DH8 6BP

SITE DETAILS Grid Reference 433000 409610

North Gawber Colliery
Barnsley

Historical Map Legend

Quarry
Sand Pit
Marsh
Reeds
Gravel Pit
Clay Pit
Rough Pasture
Furze
Refuse Heap
Shingle
Osiers
Ford
Railway crossing River or Canal
Railway crossing Road
Level Crossing
Embankment
Cutting
Road crossing Railway
Road over single Stream
Road over River or Canal
Arrow denotes flow of Water

YORKSHIRE

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Source map scale - 1:2,500

1918
1931

Date(s) of Publication

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Staincross
Mapplewell
Darton Lane Head
Darton
Bloomhouse Green
Darton Lane Head Service Reservoirs (Darton U.D.C.W.W.)
Longsight Works (Chapel & Gas Work)
Oaks Plantation
The Oaks
Excelsior Works
Darton Lane
NORTH GAWBER COLLIERY RAILWAY
Mapplewell Brick Works
Darton Colliery
Air Shaft
Coke Ovens
Reservoirs
Shaft
North Gawber Colliery
Gawber Hall
Sandy Well
Lees Bro. Quarry
Pinfold
Stainicross Hall
Trigh Hill
Wood Lane
Green Side
Inst. Mechanics' Reading Room
Band Stand
Blacker
Blacker Hall
Blackerhill Farm
Blackerhill Quarry
Upper Carr Green
Sixth Terrace
Lower Tipsey
Tipsey Lodge
Wakefield 7
Barnsley 3
Bar Lane
Steincross Station
Carlton Works
Hill End
Hill End Farm
Old Shaft
Lower Carr Green
Carr Lane
Pearl Terrace
Swallow Hill
Swallow Hill Farm
Barugh Bridge
Spark Ridge Lane
Wilson's Reservoir (Aire & Calder Navigation)
Low Barugh
Nilkstone Junction
Sewage Works (Darton U.D.C.)
Coalite Works
Cooling Ponds
Tank
Barugh
Towing Path
AIRE & CALDER NAVIGATION
BARNSLEY (Del.)
Barnsley Co. Boro. (Del.)
Standhill Wood
Stand Hill
Park Boro & U.D. Bdy.
Co. Boro. & U.D. Bdy.
Parish Boro & U.D. Bdy.
Old Boro. & U.D. Bdy.
Parish Boro. Bdy.
Old Bdy.
Parish Bdy.
Old Bdy. Bore & U.D. Bdy.
Slaithwaite Common
Sandy Gate
Green House
Spring
Levels
Quarry
Allot. Gdns.
Cemy.
Ch.
Sch.
Inn
Tank
Pond
Works
Shaft
Air Shaft
Old Shaft
Engine House
Villa
Terrace
Cottages
Farm
Level
Tunnel
Boro. Bdy.
Parish Bdy.
Co. Boro. & U.D. Bdy.
Old Boro. & U.D. Bdy.
Old Bdy.
Bore & U.D. Bdy.
Parish Boro & U.D. Bdy.
Parish Boro. Bdy.
Co. Boro. Bdy.
Old Boro. Bdy.
Old Parish Bdy.
Old Parish Boro. Bdy.
Old Co. Boro. Bdy.
Old Parish Boro & U.D. Bdy.
Old Co. Boro. & U.D. Bdy.
Old Bore & U.D



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(28-May-2004 10:59)

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Scott Doherty Associates
5, Derwentside Business Centre Consett Business Park
Consett
County Durham DH8 6BP

SITE DETAILS Grid Reference 433000 409610

North Gawber Colliery
Barnsley

Historical Map Legend

- Chalk Pit, Clay Pit, or Quarry
- Gravel Pit
- Sand Pit
- Disused Pit or Quarry
- Refuse or Slag Heap
- Direction of Flow of Water
- Shingle
- Sand
- Cutting
- Embankment
- Road Under
- Road Over
- Level Crossing
- Foot Bridge
- Non-coniferous Trees
- Coniferous Trees
- Scrub
- Lake, Loch or Pond
- Pylon
- Electricity Transmission Line
- Pole
- Bracken
- Heath
- Rough Grassland
- Reeds
- Saltings
- Marsh
- Standard Guage Multiple Track
- Standard Guage SingleTrack
- Siding, Tramway or Mineral Line
- Narrow Guage

ORDNANCE SURVEY PLAN

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given on the right therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

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Source map scale - 1:10,560

1956
1956

Date(s) of Publication

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Consett
County Durham DH8 6BP

SITE DETAILS Grid Reference 433000 409610

North Gawber Colliery
Barnsley

Historical Map Legend

- Inactive Quarry, Chalk Pit or Clay Pit
- Active Quarry, Chalk Pit or Clay Pit
- Culvert
- Slope
- Slope
- Pylon
- Electricity Transmission Line
- Direction of Water flow
- Coppice, Osier
- Marsh
- Saltings
- Orchard Tree
- Reeds
- Rough Grassland
- Scrub
- Heath
- Bracken
- Coniferous Tree (Surveyed)
- Coniferous Tree (Not Surveyed)
- Non-coniferous Tree (Surveyed)
- Non-coniferous Tree (Not Surveyed)

ORDNANCE SURVEY PLAN

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Source map scale - 1:2,500

1962 1962

Date(s) of Publication

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County Durham DH8 6BP

SITE DETAILS — Grid Reference 433000 409610

North Gawber Colliery
Barnsley

Historical Map Legend

- Chalk Pit, Clay Pit, or Quarry
- Non-coniferous Trees
- Bracken
- Gravel Pit
- Coniferous Trees
- Heath
- Sand Pit
- Scrub
- Rough Grassland
- Lake, Loch or Pond
- Disused Pit or Quarry
- Pylon
- Reeds
- Electricity Transmission Line
- Refuse or Slag Heap
- Pole
- Saltings
- Direction of Flow of Water
- Marsh
- Shingle
- Sand
- Cutting
- Embankment
- Standard Guage Multiple Track
- Standard Guage SingleTrack
- Road Under
- Road Over
- Level Crossing
- Foot Bridge
- Siding, Tramway or Mineral Line
- Narrow Guage

ORDNANCE SURVEY PLAN

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Source map scale - 1:10,560

1965

1966

Date(s) of Publication

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Envirocheck®

A Landmark® product

CLIENT DETAILS — Envirocheck Order No. EC3967251_1_1 (28-May-2004 11:09)

Customer Ref: Mr A Coverdale,SDA/04014
Scott Doherty Associates
5, Derwentside Business Centre Consett Business Park
Consett
County Durham DH8 6BP

SITE DETAILS — Grid Reference 433000 409610

North Gawber Colliery
Barnsley

Historical Map Legend

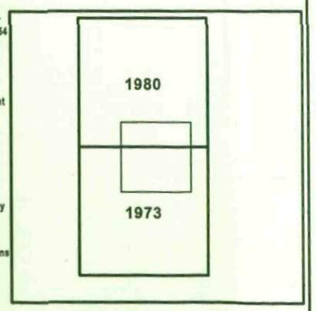
- Chalk Pit, Clay Pit, or Quarry
- Non-coniferous Trees
- Bracken
- Gravel Pit
- Coniferous Trees
- Heath
- Sand Pit
- Scrub
- Rough Grassland
- Lake, Loch or Pond
- Disused Pit or Quarry
- Pylon
- Reeds
- Electricity Transmission Line
- Refuse or Slag Heap
- Pole
- Saltings
- Direction of Flow of Water
- Marsh
- Shingle
- Sand
- Cutting
- Embankment
- Standard Guage Multiple Track
- Standard Guage SingleTrack
- Road "T" Under
- Road Over
- Level Crossing
- Foot Bridge
- Siding, Tramway or Mineral Line
- Narrow Guage

ORDNANCE SURVEY PLAN

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given on the right therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Source map scale - 1:10,000



Date(s) of Publication

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CLIENT DETAILS Envirocheck Order No. EC3967251_1_1 (28-May-2004 10:07)

Customer Ref: Mr A Coverdale,SDA/04014
Scott Doherty Associates
5, Derwentside Business Centre Consett Business Park
Consett
County Durham DH8 6BP

SITE DETAILS Grid Reference 433000 409610

North Gawber Colliery
Barnsley

Historical Map Legend

- Inactive Quarry, Chalk Pit or Clay Pit
- Active Quarry, Chalk Pit or Clay Pit
- Culvert
- Slope
- Slope
- Pylon
- Electricity Transmission Line
- Direction of Water flow
- Coppice, Osier
- Marsh
- Saltings
- Orchard Tree
- Reeds
- Rough Grassland
- Scrub
- Heath
- Bracken
- Coniferous Tree (Surveyed)
- Coniferous Tree (Not Surveyed)
- Non-coniferous Tree (Surveyed)
- Non-coniferous Tree (Not Surveyed)

ORDNANCE SURVEY PLAN

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given on the right is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Source map scale - 1:2,500

1974 1974

Date(s) of Publication

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