

© Crown copyright and database rights 2025 OS AC0000813445

# Envirocheck®

LANDMARK INFORMATION GROUP®

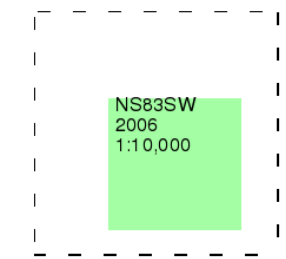
## 10k Raster Mapping

Published 2006

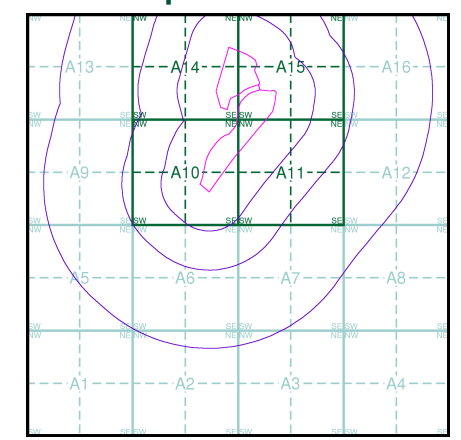
Source map scale - 1:10,000

The historical maps shown were produced from the Ordnance Survey's 1:10,000 colour raster mapping. These maps are derived from Landplan which replaced the old 1:10,000 maps originally published in 1970. The data is highly detailed showing buildings, fences and field boundaries as well as all roads, tracks and paths. Road names are also included together with the relevant road number and classification. Boundary information depiction includes county, unitary authority, district, civil parish and constituency.

### Map Name(s) and Date(s)



### Historical Map - Slice A



### Order Details

Order Number: 372282210\_1\_1  
Customer Ref: E13224  
National Grid Reference: 282820, 632270  
Slice: A  
Site Area (Ha): 16.87  
Search Buffer (m): 1000

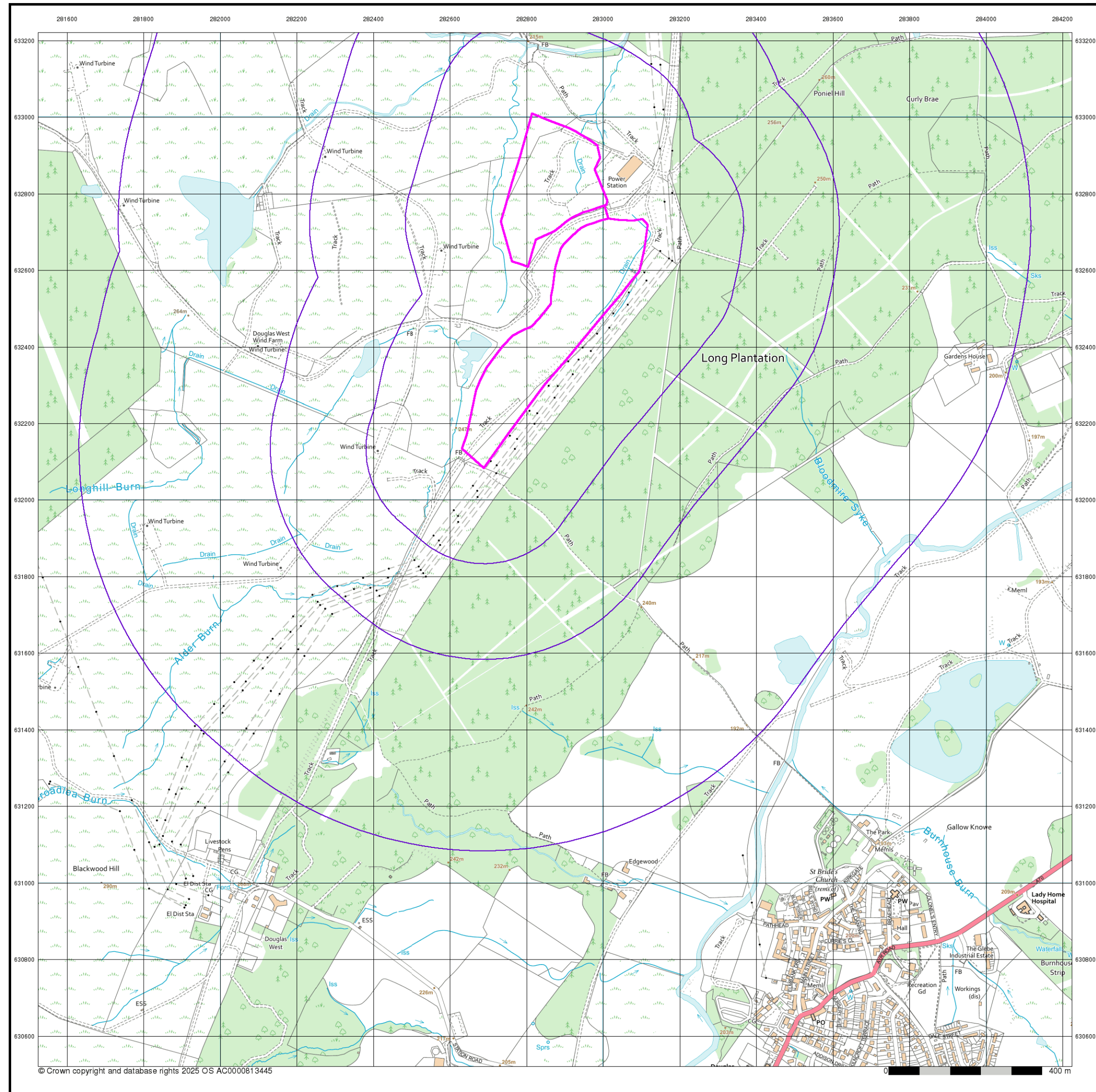
### Site Details

Site at, Hagshaw, South Lanarkshire

**Landmark®**  
INFORMATION GROUP

Tel: 0844 844 9952  
Fax: 0844 844 9951  
Web: [www.envirocheck.co.uk](http://www.envirocheck.co.uk)





# Envirocheck®

LANDMARK INFORMATION GROUP®

## VectorMap Local

**Published 2024**

**Source map scale - 1:10,000**

VectorMap Local (Raster) is Ordnance Survey's highest detailed 'backdrop' mapping product. These maps are produced from OS's VectorMap Local, a simple vector dataset at a nominal scale of 1:10,000, covering the whole of Great Britain, that has been designed for creating graphical mapping. OS VectorMap Local is derived from large-scale information surveyed at 1:1250 scale (covering major towns and cities), 1:2500 scale (smaller towns, villages and developed rural areas), and 1:10 000 scale (mountain, moorland and river estuary areas).

### Map Name(s) and Date(s)

NS83SW

2024

Variable

### Historical Map - Slice A

### Order Details

Order Number:	372282210_1_1
Customer Ref:	E13224
National Grid Reference:	282820, 632270
Slice:	A
Site Area (Ha):	16.87
Search Buffer (m):	1000

### Site Details

Site at, Hagshaw, South Lanarkshire

## Landmark®

INFORMATION GROUP

Tel: 0844 844 9952  
Fax: 0844 844 9951  
Web: [www.envirocheck.co.uk](http://www.envirocheck.co.uk)

A Landmark Information Group Service v50.0 17-Mar-2025 Page 9 of 9



# Historical Mapping Legends

## Ordnance Survey County Series 1:10,560

	Gravel Pit		Sand Pit		Other Pits
	Quarry		Shingle		Orchard
	Osiers		Reeds		Marsh
	Mixed Wood		Deciduous		Brushwood
	Fir		Furze		Rough Pasture
	Arrow denotes flow of water		Trigonometrical Station		
	Site of Antiquities		Bench Mark		
	Pump, Guide Post, Signal Post		Well, Spring, Boundary Post		
	•285 Surface Level				
	Sketched Contour		Instrumental Contour		
	Main Roads		Minor Roads		
	Sunken Road		Raised Road		
	Road over Railway		Railway over River		
	Railway over Road		Level Crossing		
	Road over River or Canal		Road over Stream		
	Road over Stream				
	County Boundary (Geographical)				
	County & Civil Parish Boundary				
	Administrative County & Civil Parish Boundary				
	County Borough Boundary (England)				
	County Burgh Boundary (Scotland)				
	Rural District Boundary				
	Civil Parish Boundary				

## Ordnance Survey Plan 1:10,000

	Chalk Pit, Clay Pit or Quarry		Gravel Pit
	Sand Pit		Disused Pit or Quarry
	Refuse or Slag Heap		Lake, Loch or Pond
	Dunes		Boulders
	Coniferous Trees		Non-Coniferous Trees
	Orchard		Scrub
	Bracken		Heath
	Marsh		Reeds
	Building		Glasshouse
	Sloping Masonry		Pylon
	Cutting		Embankment
	Road Under		Road Over
	Level Crossing		Foot Bridge
	Standard Gauge Multiple Track		Standard Gauge Single Track
	Siding, Tramway or Mineral Line		Narrow Gauge
	Geographical County		Administrative County, County Borough or County of City
	Municipal Borough, Urban or Rural District, Burgh or District Council		Borough, Burgh or County Constituency
	Civil Parish		
	BP, BS Boundary Post or Stone		Police Station
	Church		Post Office
	Club House		Public Convenience
	Fire Engine Station		Public House
	Foot Bridge		Signal Box
	Fountain		Spring
	Guide Post		Telephone Call Box
	Mile Post		Telephone Call Post
	Mile Stone		Well

## 1:10,000 Raster Mapping

	Gravel Pit		Refuse tip or slag heap
	Rock		Rock (scattered)
	Boulders		Boulders (scattered)
	Shingle		Mud
	Sand		Sand Pit
	Slopes		Top of cliff
	General detail		Underground detail
	Overhead detail		Narrow gauge railway
	Multi-track railway		Single track railway
	County boundary (England only)		Civil, parish or community boundary
	District, Unitary, Metropolitan, London Borough boundary		Constituency boundary
	Area of wooded vegetation		Non-coniferous trees
	Non-coniferous trees (scattered)		Coniferous trees
	Coniferous trees (scattered)		Positioned tree
	Orchard		Coppice or Osiers
	Rough Grassland		Heath
	Scrub		Marsh, Salt Marsh or Reeds
	Water feature		Flow arrows
	Mean high water (springs)		Mean low water (springs)
	Telephone line (where shown)		Electricity transmission line (with poles)
	Bench mark (where shown)		Triangulation station
	Point feature (e.g. Guide Post or Mile Stone)		Pylon, flare stack or lighting tower
	Site of (antiquity)		Glasshouse
	General Building		Important Building

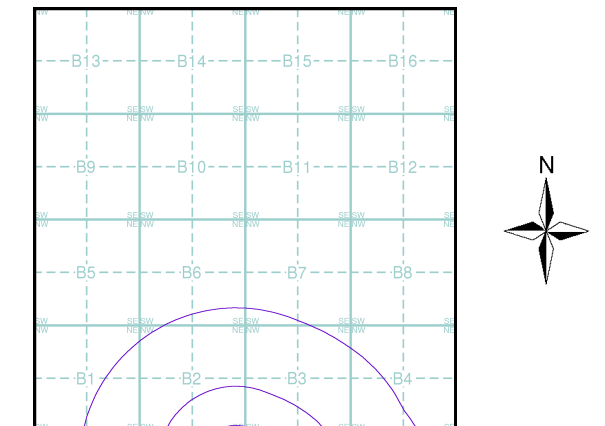
# Envirocheck<sup>®</sup>

LANDMARK INFORMATION GROUP<sup>®</sup>

## Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lanarkshire	1:10,560	1864	2
Lanarkshire	1:10,560	1898	3
Lanarkshire	1:10,560	1912	4
Ordnance Survey Plan	1:10,000	1957	5
Ordnance Survey Plan	1:10,000	1967 - 1969	6
Ordnance Survey Plan	1:10,000	1991	7
10K Raster Mapping	1:10,000	2001	8
10K Raster Mapping	1:10,000	2006	9
VectorMap Local	1:10,000	2024	10

## Historical Map - Slice B



## Order Details

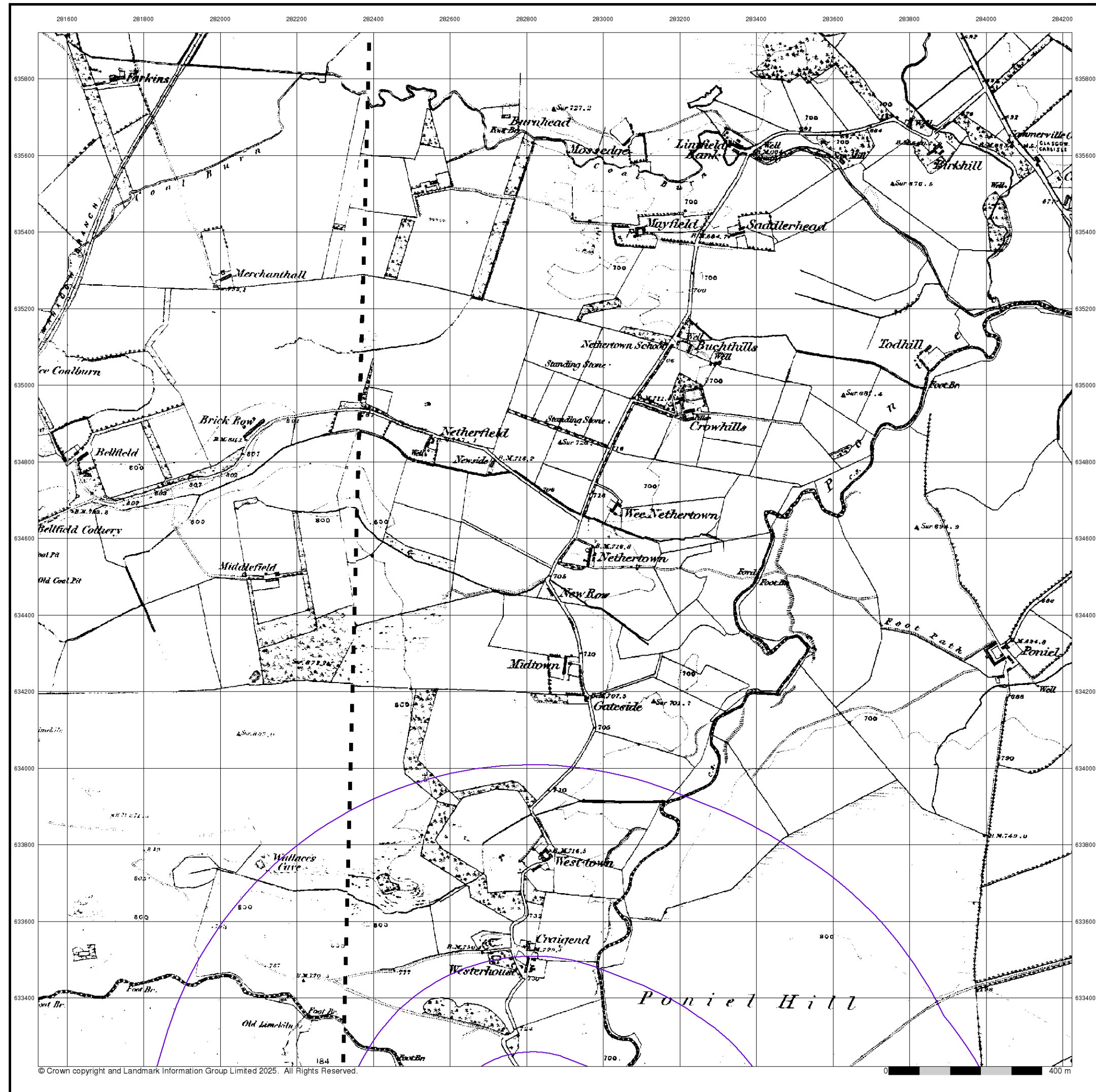
Order Number: 372282210\_1\_1  
Customer Ref: E13224  
National Grid Reference: 282870, 633550  
Slice: B  
Site Area (Ha): 16.87  
Search Buffer (m): 1000

## Site Details

Site at, Hagshaw, South Lanarkshire

**Landmark<sup>®</sup>**  
INFORMATION GROUP

Tel: 0844 844 9952  
Fax: 0844 844 9951  
Web: www.envirocheck.co.uk



# Envirocheck®

LANDMARK INFORMATION GROUP®

## Lanarkshire

### Published 1864

### Source map scale - 1:10,560

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 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.

#### Map Name(s) and Date(s)

03700	1864	1:10,560
03800	1864	1:10,560

#### Historical Map - Slice B

#### Order Details

Order Number:	372282210_1_1
Customer Ref:	E13224
National Grid Reference:	282870, 633550
Slice:	B
Site Area (Ha):	16.87
Search Buffer (m):	1000

#### Site Details

Site at, Hagshaw, South Lanarkshire

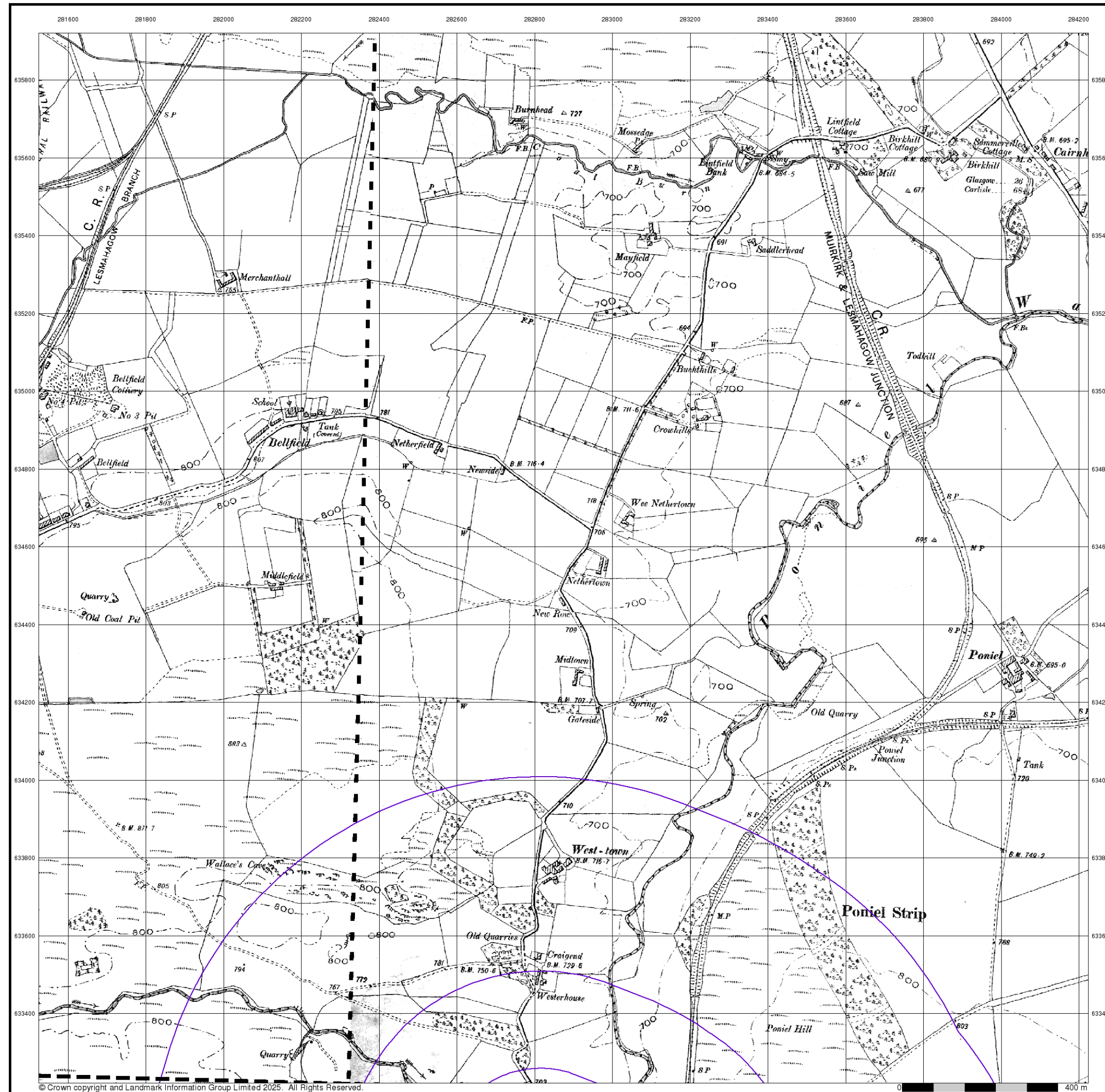
### Landmark®

INFORMATION GROUP

Tel: 0844 844 9952  
Fax: 0844 844 9951  
Web: [www.envirocheck.co.uk](http://www.envirocheck.co.uk)

A Landmark Information Group Service v50.0 17-Mar-2025 Page 2 of 10





# Envirocheck®

LANDMARK INFORMATION GROUP®

Lanarkshire

Published 1898

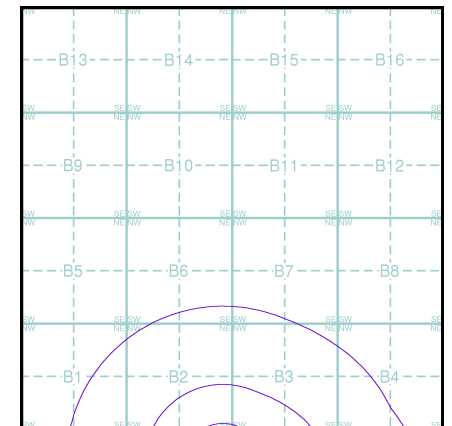
Source map scale - 1:10,560

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 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.

## Map Name(s) and Date(s)

037NE 1898 1:10,560	038NW 1898 1:10,560
037SE 1898 1:10,560	

## Historical Map - Slice B



## Order Details

Order Number: 372282210\_1\_1  
Customer Ref: E13224  
National Grid Reference: 282870, 633550  
Slice: B  
Site Area (Ha): 16.87  
Search Buffer (m): 1000

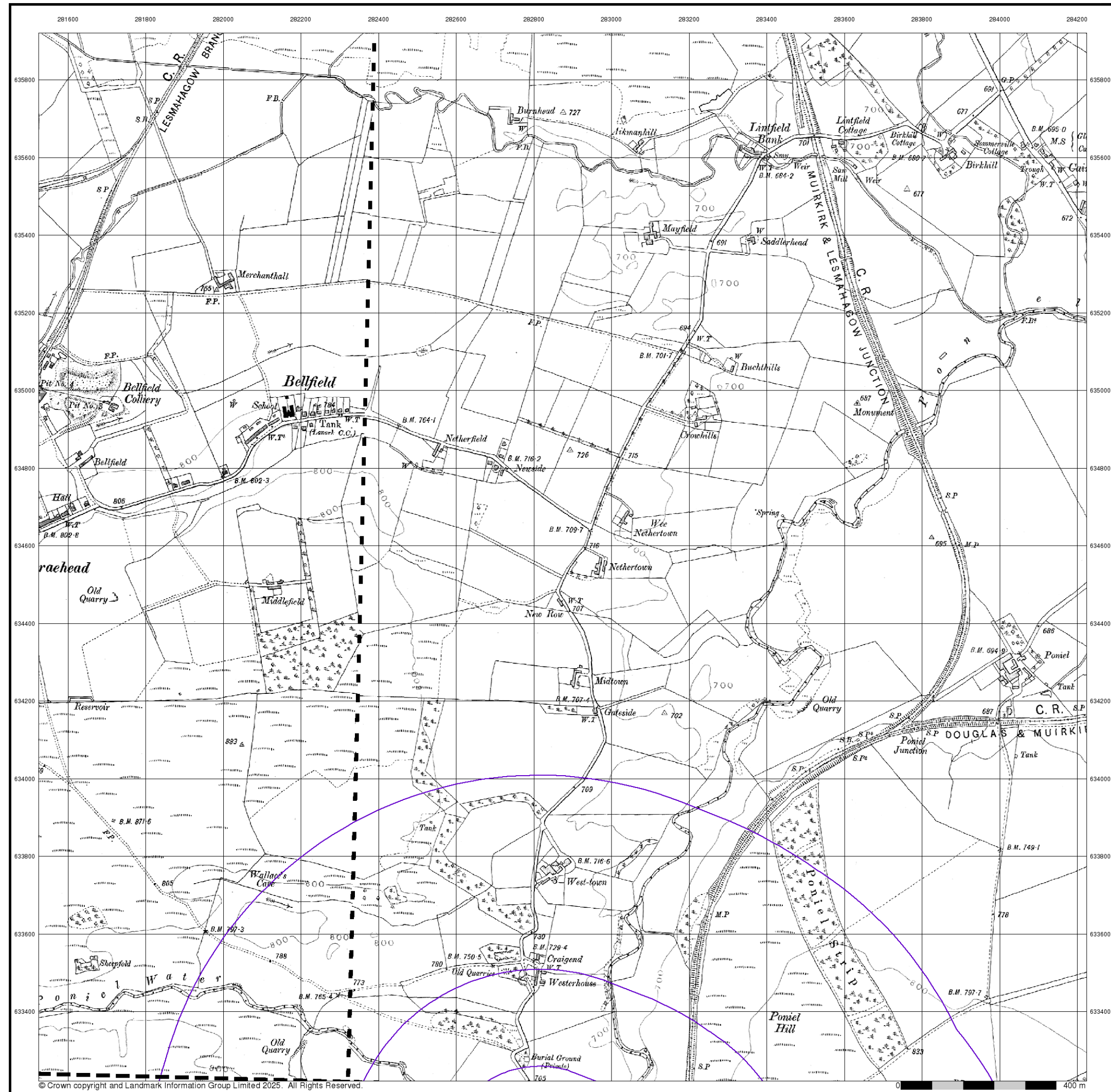
## Site Details

Site at, Hagshaw, South Lanarkshire

Landmark®  
INFORMATION GROUP

Tel: 0844 844 9952  
Fax: 0844 844 9951  
Web: www.envirocheck.co.uk





# Envirocheck<sup>®</sup>

LANDMARK INFORMATION GROUP<sup>®</sup>

Lanarkshire

Published 1912

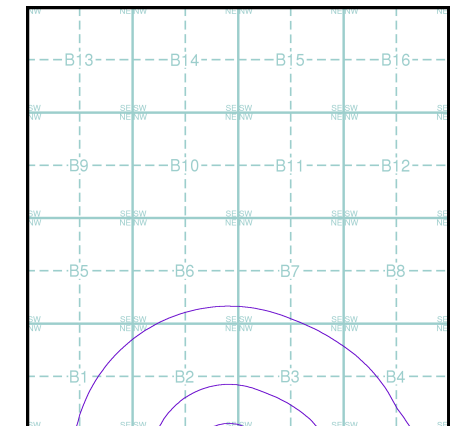
Source map scale - 1:10,560

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 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.

Map Name(s) and Date(s)

037NE 1912 1:10,560	038NW 1912 1:10,560
037SE 1912 1:10,560	

Historical Map - Slice B



Order Details

Order Number: 372282210\_1\_1  
Customer Ref: E13224  
National Grid Reference: 282870, 633550  
Slice: B  
Site Area (Ha): 16.87  
Search Buffer (m): 1000

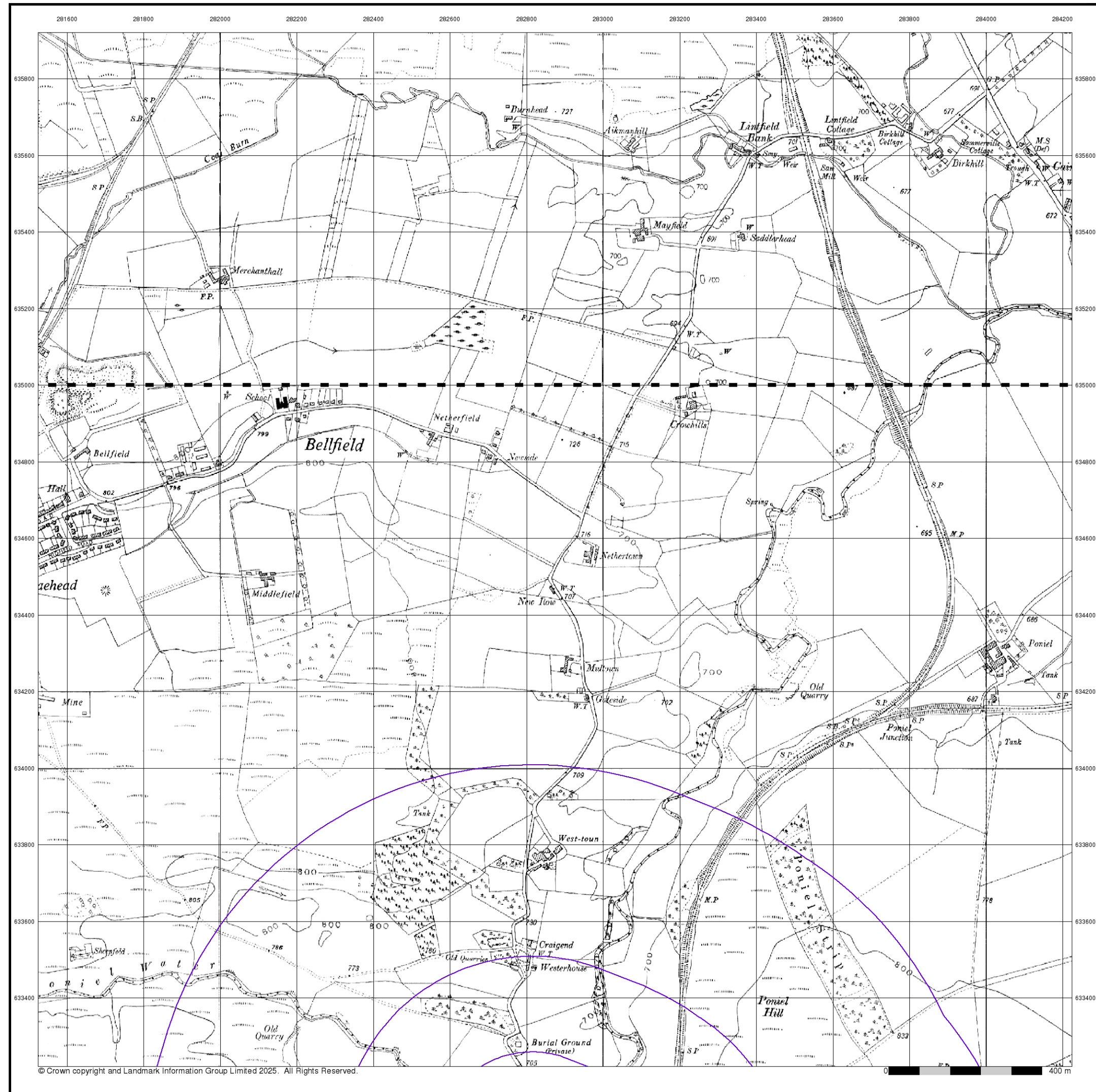
Site Details

Site at, Hagshaw, South Lanarkshire

Landmark<sup>®</sup>  
INFORMATION GROUP

Tel: 0844 844 9952  
Fax: 0844 844 9951  
Web: www.envirocheck.co.uk





# Envirocheck<sup>®</sup>

LANDMARK INFORMATION GROUP<sup>®</sup>

## Ordnance Survey Plan

### Published 1957

### Source map scale - 1:10,000

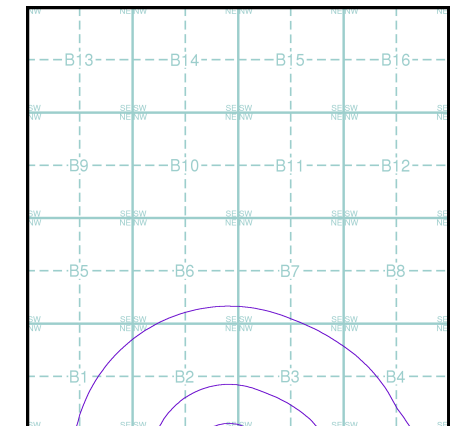
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some 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.

### Map Name(s) and Date(s)

NS83NW  
1957  
1:10,560

NS83SW  
1957  
1:10,560

### Historical Map - Slice B



### Order Details

Order Number: 372282210\_1\_1  
Customer Ref: E13224  
National Grid Reference: 282870, 633550  
Slice: B  
Site Area (Ha): 16.87  
Search Buffer (m): 1000

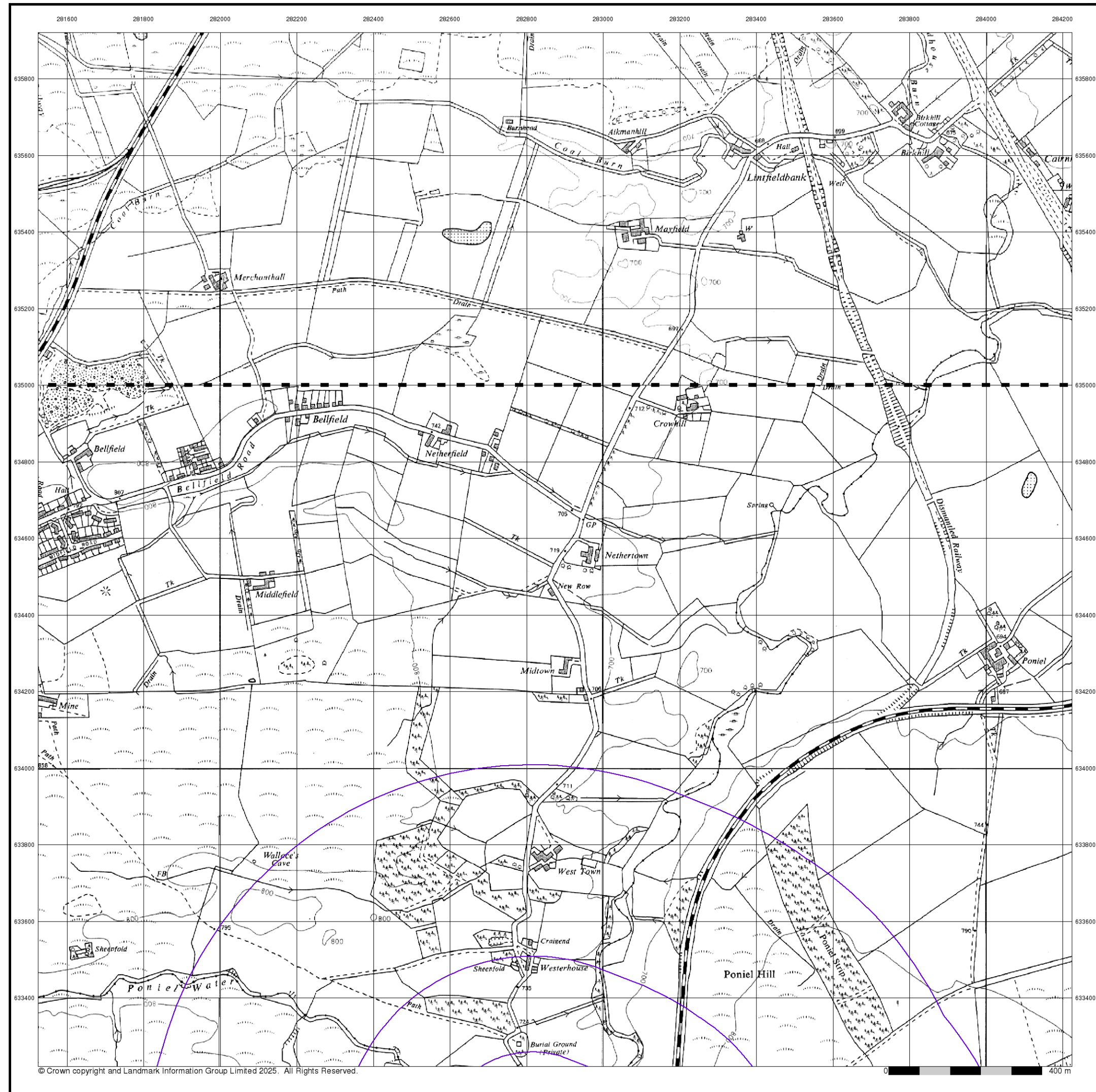
### Site Details

Site at, Hagshaw, South Lanarkshire

**Landmark<sup>®</sup>**  
INFORMATION GROUP

Tel: 0844 844 9952  
Fax: 0844 844 9951  
Web: [www.envirocheck.co.uk](http://www.envirocheck.co.uk)





# Envirocheck®

LANDMARK INFORMATION GROUP®

## Ordnance Survey Plan

**Published 1967 - 1969**

**Source map scale - 1:10,000**

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 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.

### Map Name(s) and Date(s)

NS83NW	1967
1:10,560	
NS83SW	1969
1:10,560	

### Historical Map - Slice B

### Order Details

Order Number:	372282210_1_1
Customer Ref:	E13224
National Grid Reference:	282870, 633550
Slice:	B
Site Area (Ha):	16.87
Search Buffer (m):	1000

### Site Details

Site at, Hagshaw, South Lanarkshire

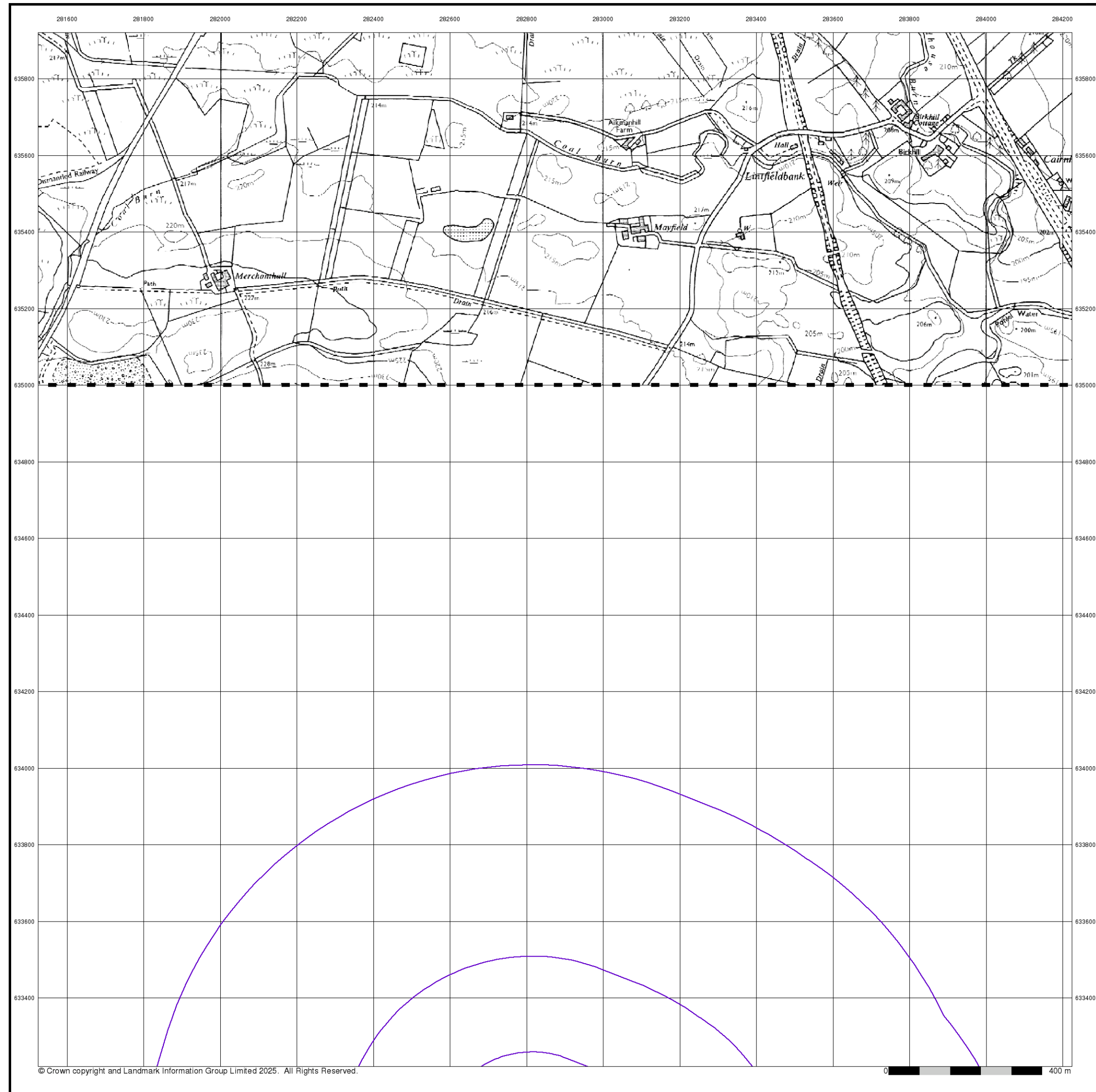
## Landmark®

INFORMATION GROUP

Tel: 0844 844 9952  
Fax: 0844 844 9951  
Web: [www.envirocheck.co.uk](http://www.envirocheck.co.uk)

A Landmark Information Group Service v50.0 17-Mar-2025 Page 6 of 10





# Envirocheck®

LANDMARK INFORMATION GROUP®

## Ordnance Survey Plan

### Published 1991

### Source map scale - 1:10,000

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 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.

### Map Name(s) and Date(s)

NS83NW  
1991  
1:10,000

### Historical Map - Slice B

### Order Details

Order Number:	372282210_1_1
Customer Ref:	E13224
National Grid Reference:	282870, 633550
Slice:	B
Site Area (Ha):	16.87
Search Buffer (m):	1000

### Site Details

Site at, Hagshaw, South Lanarkshire

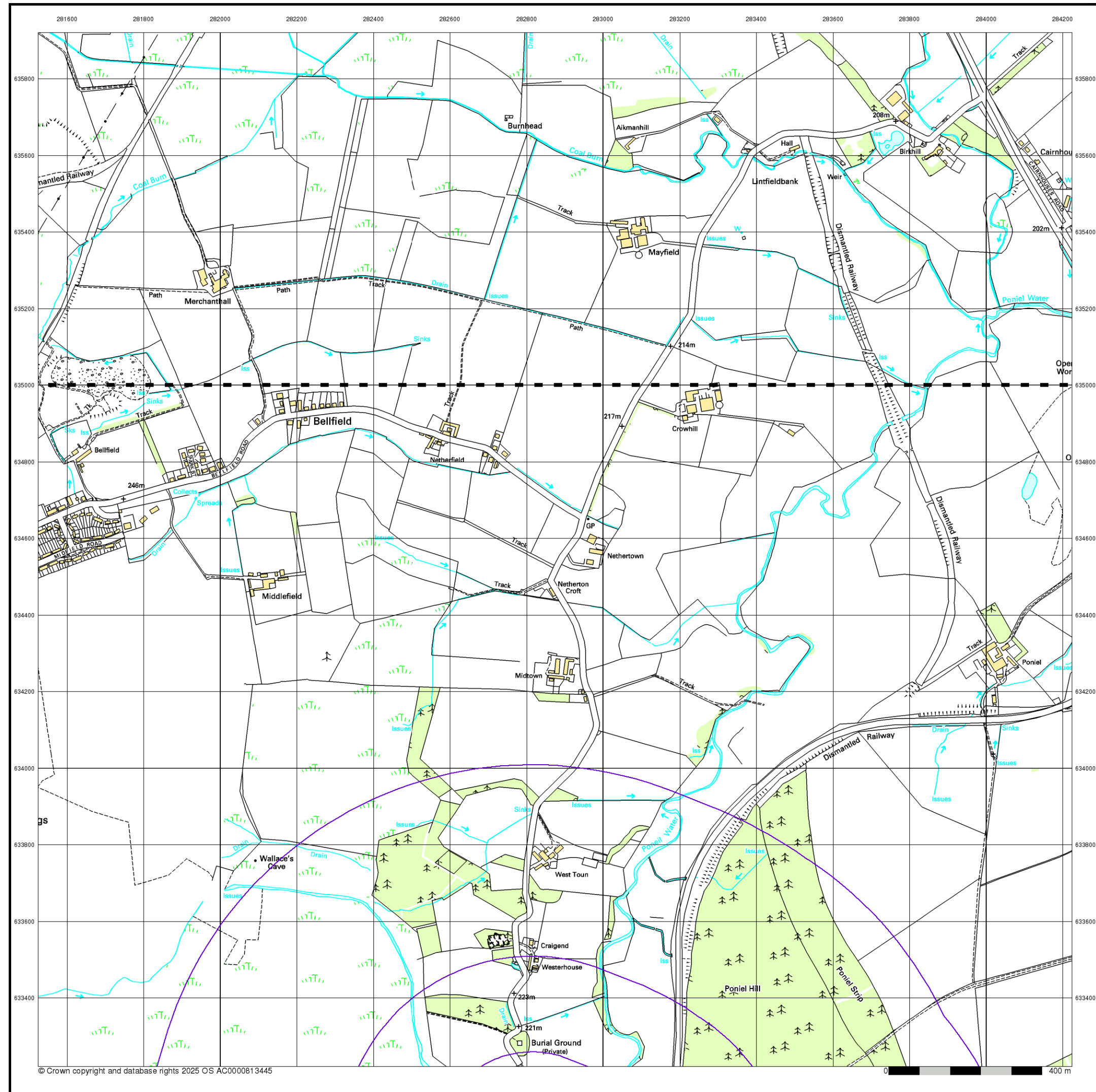
## Landmark®

INFORMATION GROUP

Tel: 0844 844 9952  
Fax: 0844 844 9951  
Web: [www.envirocheck.co.uk](http://www.envirocheck.co.uk)

© Crown copyright and Landmark Information Group Limited 2025. All Rights Reserved.

A Landmark Information Group Service v50.0 17-Mar-2025 Page 7 of 10



## 10k Raster Mapping

### Published 2001

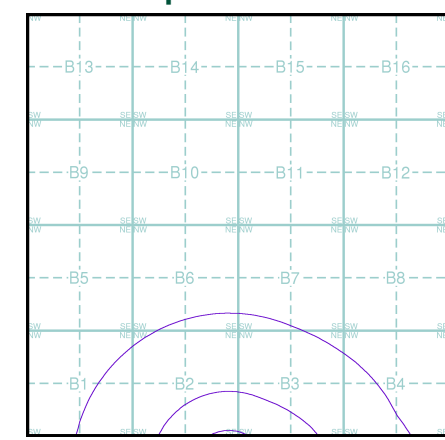
### Source map scale - 1:10,000

The historical maps shown were produced from the Ordnance Survey's 1:10,000 colour raster mapping. These maps are derived from Landplan which replaced the old 1:10,000 maps originally published in 1970. The data is highly detailed showing buildings, fences and field boundaries as well as all roads, tracks and paths. Road names are also included together with the relevant road number and classification. Boundary information depiction includes county, unitary authority, district, civil parish and constituency.

### Map Name(s) and Date(s)

NS83NW	2001	1:10,000
NS83SW	2001	1:10,000

### Historical Map - Slice B



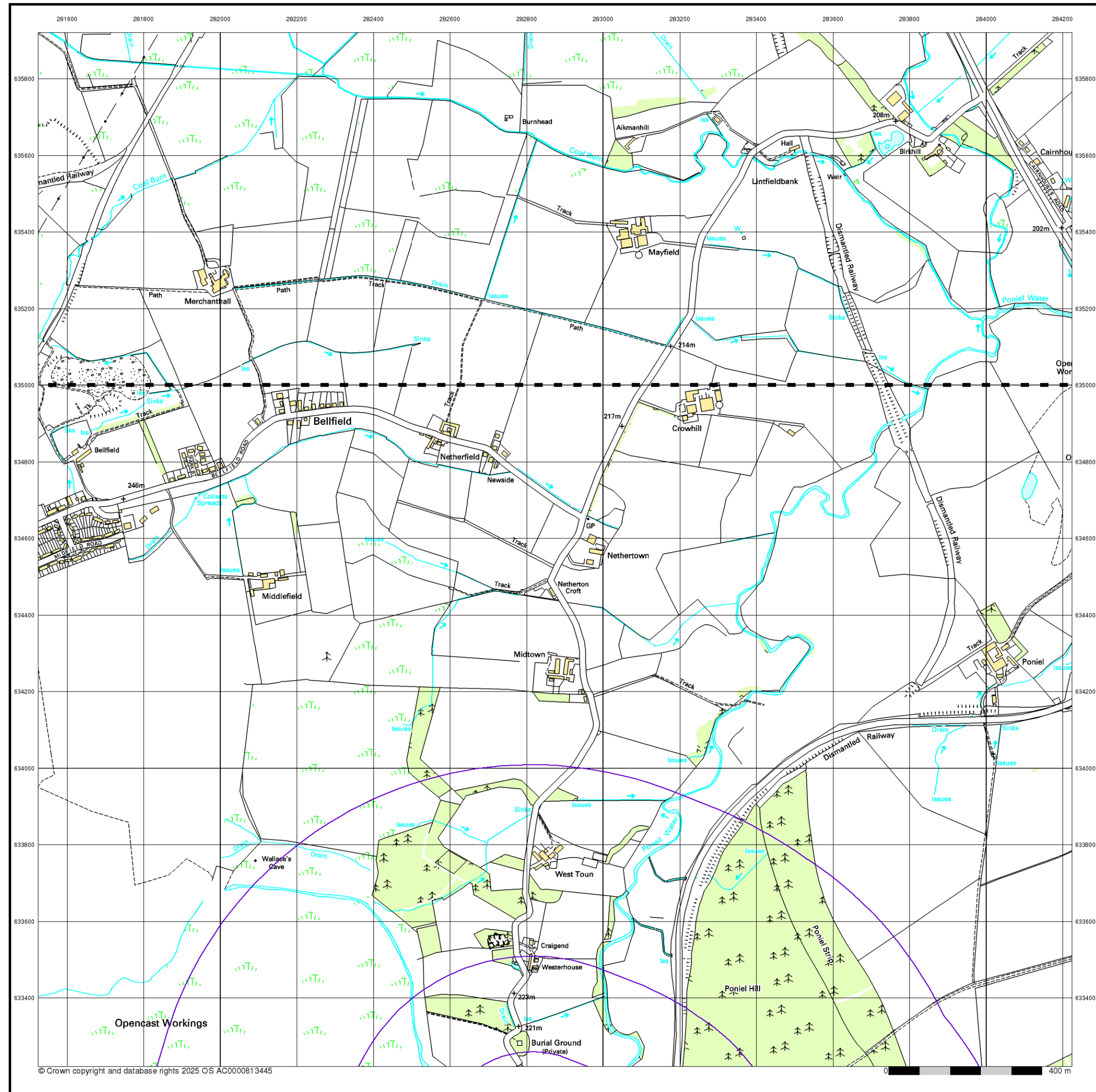
### Order Details

Order Number:	372282210_1_1
Customer Ref:	E13224
National Grid Reference:	282870, 633550
Slice:	B
Site Area (Ha):	16.87
Search Buffer (m):	1000

### Site Details

Site at, Hagshaw, South Lanarkshire





10k Raster Mapping

Published 2006

Source map scale - 1:10,000

The historical maps shown were produced from the Ordnance Survey's 1:10,000 colour raster mapping. These maps are derived from Landplan which replaced the old 1:10,000 maps originally published in 1970. The data is highly detailed showing buildings, fences and field boundaries as well as all roads, tracks and paths. Road names are also included together with the relevant road number and classification. Boundary information depiction includes county, unitary authority, district, civil parish and constituency.

Map Name(s) and Date(s)

NS83NW  
2006  
1:10,000

NS83SW  
2006  
1:10,000

Historical Map - Slice B

Order Details

Order Number:

372282210\_1\_1

Customer Ref:

E13224

National Grid Reference:

282870, 633550

Slice:

B

Site Area (Ha):

16.87

Search Buffer (m):

1000

Site Details

Site at, Hagshaw, South Lanarkshire





VectorMap Local

Published 2024

Source map scale - 1:10,000

VectorMap Local (Raster) is Ordnance Survey's highest detailed 'backdrop' mapping product. These maps are produced from OS's VectorMap Local, a simple vector dataset at a nominal scale of 1:10,000, covering the whole of Great Britain, that has been designed for creating graphical mapping. OS VectorMap Local is derived from large-scale information surveyed at 1:1250 scale (covering major towns and cities), 1:2500 scale (smaller towns, villages and developed rural areas), and 1:10 000 scale (mountain, moorland and river estuary areas).

Map Name(s) and Date(s)

NS83NW

2024

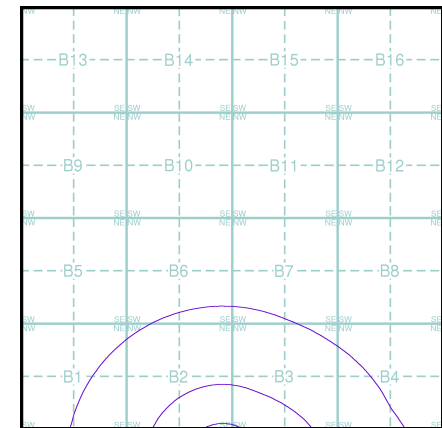
Variable

NS83SW

2024

Variable

Historical Map - Slice B



Order Details	
Order Number:	372282210_1_1
Customer Ref:	E13224
National Grid Reference:	282870, 633550
Slice:	B
Site Area (Ha):	16.87
Search Buffer (m):	1000

Site Details

Site at, Hagshaw, South Lanarkshire



## APPENDIX C

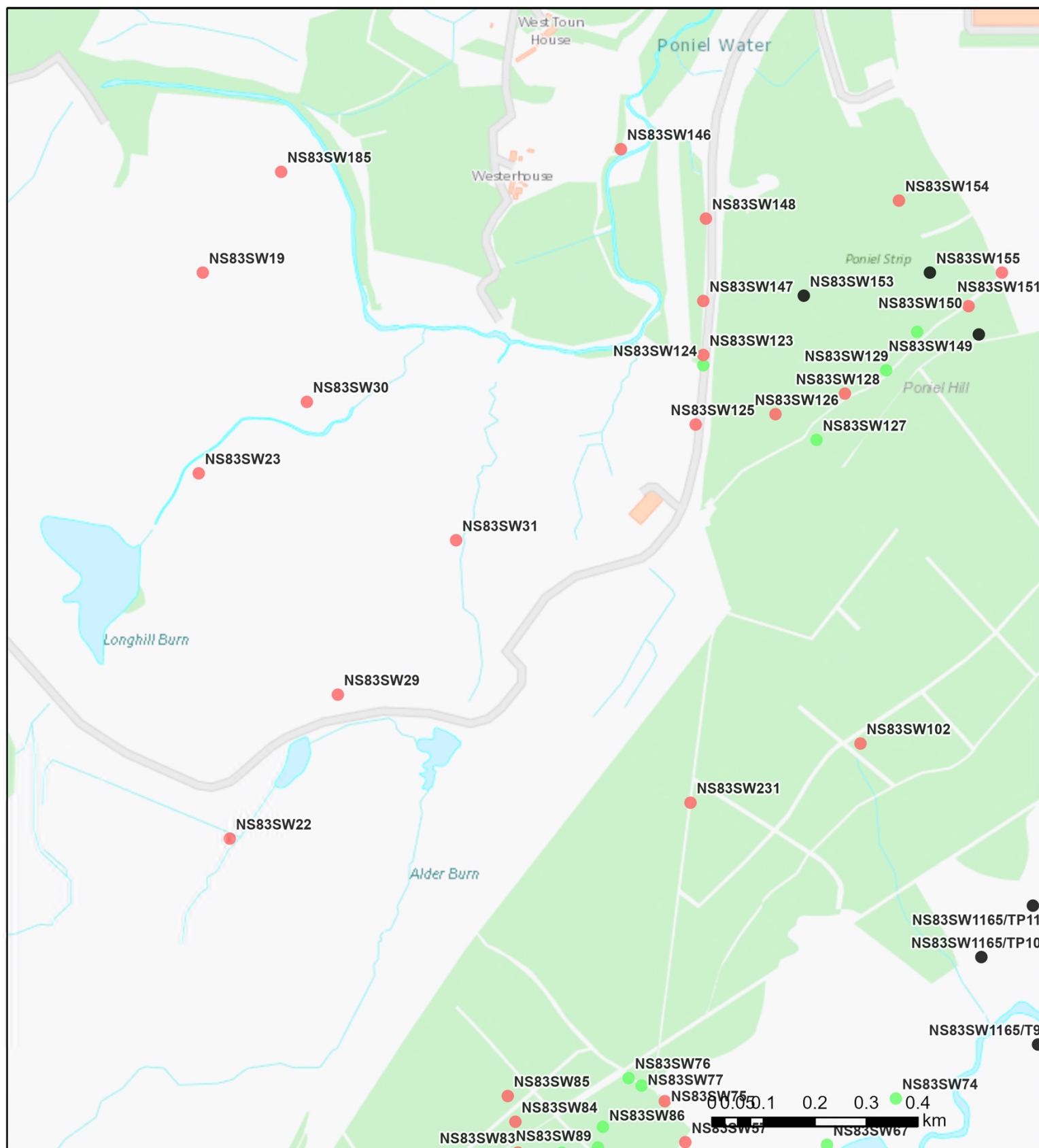
### BGS BOREHOLE DATA



# GeoIndex Report



British  
Geological  
Survey



Contains OS data © Crown Copyright and database right 2020

GeoIndex Onshore Data Sources: NERC, Natural England, English Heritage and Ordnance Survey

# Map Key

## Borehole records

-  Unknown Length
-  Confidential
-  0 - 10m
-  10 - 30m
-  30m+



WT 5388-15 1090 12/17 M.A.

SECTION OF

No. 6 Core

NS83SW/31

Communicated by

Date of boring or sinking Nov. 1918

One-inch Map 23 Six-inch Map (County and Half-Quarter Sheet)

38 SW

Cores examined No. 6 & D.T.

Fossils collected

Lithological Specimens SBO 2861-2872

	Thickness			Depth from Surface		
	Fathoms.	feet.	ins.	Fathoms.	feet.	ins.
Mossy soil	-	4	-	-	4	-
gravel	-	1	6	-	5	6
Boulder clay	-	-	6	1	-	-
Soft Rock	-	4	-	1	4	-
Sot.	-	2	-	2	1	-
"	-	2	-	2	3	-
" (faintly)	-	3	-	3	-	-
" (ground away)	-	3	-	3	3	-
Soft dirt (ground -)	-	4	-	4	1	-
Coal	-	-	6	4	1	6
dash. soft dirt	-	3	-	4	4	6
Extra hd. hinge	-	-	4	4	4	10
Shaly sot.	-	3	8	5	2	6
Extra hd. hinge	-	3	6	6	-	-
Sot. fairly	-	4	-	6	4	-
Shaly sot.	-	2	-	7	-	-
Shales & mass of balls	-	-	3	7	-	3
Shales (broken)	-	1	9	7	2	-
White fine clay	-	1	-	7	3	-
Whitish fa. & balls	-	2	6	7	5	6
" sot.	-	5	6	8	5	-
Soft fa. (ground away)	-	2	-	9	1	-
dash shales	-	2	6	9	3	6
White fa & mass of balls & shells	-	1	6	9	5	-
Extra hd. Limestone	-	2	3	10	1	3
Light fa. (broken)	-	4	9	11	-	-
Sot. & hinge pieces	-	3	-	11	3	-
Shales & hd. pieces	-	4	6	12	1	6

soft white  
micac. sot.  
med. granular  
to coarse  
lens.

no cae.

no cae.

no cae.

rough nodular top  
hd. sh. like rooty like granitic

streaked hd. fa. sot.

rooty granitic

pelagitic, white, micac.

coarsely streaked micac. pp. 30"

Imp. C.B. nodules fault.

black rooty sandy fcl.

soft, weathering brownish h.

dr. at top, rooty fcl. of fa.

hd. fine-grained, fa. fragments

rooty fa. clay.

caliche, varied brown.

fine-grained

to very coarse



	Thickness.			Depth from Surface.		
	Fathoms.	feet.	ins.	Fathoms.	feet.	ins.
120-260 Basin <sup>Thin</sup> Paley bl. & white	—	3	6	12	5	—
bedded streaks of <sup>thin</sup> single	—	—	11	12	5	11
some <sup>thin</sup> Paley white	—	1	1	13	1	—
at least upper half is fine Coarse sst.	6	3	—	19	4	—
lower half is fine Light fa.	—	—	6	19	4	6
bedded. Paley sst., when	—	1	—	19	5	6
some fine Coarse sst	—	2	—	20	1	6
Sst. & pebbles	—	2	—	20	3	6
mostly soft blacks	—	—	2	20	3	8
mostly a very extra hd. single sst.	—	—	7	20	4	3
mostly <sup>some thin</sup> Hd. granitic	—	4	9	21	3	—
" "	—	1	6	21	4	6
bedded granitic Sst.	—	1	—	21	5	6
15-100 <sup>streaked</sup> dk. fa. & hd. pieces	—	3	6	22	3	—
hd. fa. sa.	—	2	—	22	5	—
dk. fa.	—	4	—	23	3	—
sa. fa.	—	3	—	24	—	—
Low rel. Basin Taken. dk. bl. & balls	—	3	6	24	3	6
Long fa.	—	—	4	24	3	10
hd. fa.	—	—	8	24	4	6
hd. fa. (bedded pieces)	—	2	—	25	—	6
limestone nodules in expanded. fa. & limestone. pieces	—	4	—	25	4	6
long fa. <sup>limestone</sup> Paley & single pieces	2	—	6	27	5	—
Hd. ditto	1	1	—	29	—	—
richly animal. Limestone & shells	—	3	—	29	3	—
hd. impure sst. with a Hard Limestone	—	3	—	30	—	—
low animal. Extra " "	—	2	6	30	2	6
v. fa. mostly sandy Light sandy fa.	—	1	6	30	4	—
fine. or Paley " fales	—	3	6	31	1	6
hd. soft granitic white fine p. clay.	—	4	—	31	5	6
hd. soft also light white f. cl. & hd. pieces	1	3	6	33	3	—
limestone f. cl. & fa.	—	—	—	—	—	—
streaked light-colored fa. & sa. pieces	1	—	—	34	3	—
gitty white sst. Coarse sa.	—	3	—	35	—	—
uniform rock, white, fine to sa.	3	5	—	38	5	—
medium or good white Hd. sa.	—	1	—	39	—	—
x Coal	—	1	—	39	1	—





SECTION OF No. 6 Core Pencil (1915-9)  
Six-inch Map (County and Quarter Sheet) NS83SW/31

Thickness.			Depth from Surface.		
Fathoms.	feet.	ins.	Fathoms.	feet.	ins.
-	1	-	39	2	-
-	2	-	39	4	-
-	1	6	39	5	6
-	3	6	40	3	-
-	3	6	41	-	6
-	-	3	41	-	9
-	2	9	41	3	6
-	1	-	41	4	6
-	3	-	42	1	6
-	3	-	42	4	6
-	2	6	43	1	-
-	3	-	43	4	-
-	-	4	43	4	4
-	-	5	43	5	-
-	1	-	44	-	-
-	1	-	44	1	-
-	2	-	44	3	-
-	4	-	45	1	-
-	5	-	46	-	-
-	3	6	46	3	6
-	4	-	47	1	6
-	-	4	47	1	10
-	4	2	48	-	-
1	1	-	49	1	-
-	5	-	50	-	-
-	1	-	50	1	-
-	3	-	50	4	-
-	-	8	50	4	8
-	1	-	50	5	8
-	5	4	51	5	-
-	-	6	51	5	6
-	2	-	52	1	6
-	-	6	52	4	-
-	6	-	52	4	6
-	3	-	53	1	6

SECTION OF No. 6 Gue Parcel (19189)  
Six-inch Map (County and Quarter Sheet) [REDACTED]

NS 83SW/31

Thickness.			Depth from Surface.		
Fathoms.	feet.	ins.	Fathoms.	feet.	ins.
—	2	6	53	1	6
—	2	—	53	3	6
—	5	—	54	2	6
—	5	6	55	2	—
—	4	—	56	—	—
—	2	—	56	2	—
—	3	—	56	5	—
—	1	—	57	—	—
—	1	—	57	1	—
—	2	6	57	3	6
—	2	—	57	5	6
—	3	6	58	3	—
—	—	6	58	4	—
—	—	6	58	4	6
—	4	6	59	3	—
—	1	3	59	4	3
—	—	9	59	5	—
—	3	6	60	2	6
—	—	6	60	3	—
—	1	—	60	4	—
—	4	—	61	2	—
—	5	—	62	1	—
—	5	—	63	—	—
—	3	6	63	3	6
—	—	9	63	4	3
—	—	9	63	5	—
—	3	—	64	2	—
—	2	—	64	4	—
—	2	—	65	—	—
—	1	—	65	1	—
—	3	6	65	4	6
—	—	6	65	5	—
—	1	—	66	—	—
—	2	6	66	2	6





SECTION OF No. 6 Core Porel  
Six-inch Map (County and Quarter Sheet)

NS83SW/31

Coal  
rooty sandstone w. <sup>4/4</sup> Variegated? sandy p. cl.  
Pa. & mass of Gallo  
Limestone  
Living fa. & shells  
White Lot  
fine-grained pale limestone.  
3" caliche vein.  
Limestone & spar  
do. & spar (faint)  
Living fa. & shells (lifer)  
Living fa. & shells (ground away)  
Lot, bottom 2' spar points  
Lot, faint  
" "  
" "

Last core drawn & examined 2/4-2/19

Thickness.			Depth from Surface.		
Fathoms.	feet.	ins.	Fathoms.	feet.	ins.
-	-	5'	66	2	11
-	1	4	66	4	6
-	1	3	66	5	9
-	-	3	67	-	-
-	1	2	67	1	2
-	-	4	67	1	6
-	-	8	67	2	2
-	1	10	67	4	-
1	1	-	68	5	-
-	3	6	69	2	6
-	2	6	69	5	-
-	2	-	70	1	-
-	5	6	71	-	6
71 - 6					



CONFIDENTIAL IN COMMERCIAL-CONFIDENCE

(68/5505) Wt 78541/06 3000 1/64 M. & S., Ltd. Q 68

SECTION OF No. 3 bore Poniel farm Douglas (1956)

NS83SW/123

Surface Level \_\_\_\_\_ O.D.

Communicated 1956 by \_\_\_\_\_

Date of boring or sinking 1956

Borer \_\_\_\_\_

One-inch Map 23 Six-inch Map (County and Half-Quarter Sheet) Laurel 38 S. W.

			Thickness.			Depth from Surface.		
			Fathoms.	feet.	ins.	Fathoms.	feet.	ins.
Soil			-	1	-	-	1	-
Boulder clay & boulders			2	1	-	2	2	-
Grey clay			-	4	-	3	-	-
Hard rib			-	-	6	2	-	6
Soft grey metals			-	-	6	3	1	-
Coal soft			-	1	2	3	2	2
Soft sandy fireclay		not seen	-	2	10	3	5	-
Faky fireclay			-	5	-	4	2	-
Fireclay			-	4	-	5	-	-
Soft fireclay & IS. balls		ironstone ball seen	-	3	-	5	3	-
Fine grd. pale grey SST., coarser bands faky towards the top, coal fragments at base			7	1	6	12	4	6
Grey rooty faky fireclay			-	-	6	12	5	-
Pale grey fine grained SST.			1	1	3	14	-	3
Brownish grey faky fireclay			-	-	5	14	-	8
Ironstone			-	-	5	14	1	1
Grey poorly bedded clayey fakes, sandy towards base			2	2	11	16	4	-
Grey lipy blaes with pebbly ironstone ribs			-	2	6	17	-	6
Coarse gritty SST. coaly fragments			-	1	6	17	2	-
Pale grey fine grained SST., rootlets			-	3	-	17	5	-
Fine grained pale brownish grey SST.			1	2	6	19	1	6
Grey faky blaes			-	4	-	19	5	6
Hard bright coal			-	-	9	20	-	3
Grey fireclay; hard & sandy			-	3	-	20	3	3
Grey blaes with irony ribs & patches, scarce <i>Lingula</i>			-	1	8	20	4	11
Moul banded coal			-	-	8	20	5	7
Grey rooty fakes			-	2	-	21	1	7
Grey rooty fcl., coaly streaks			-	-	7	21	2	2
Dark grey carbonaceous fireclay			-	-	10	21	3	-
Grey faky fireclay, rooty			-	-	8	21	3	8
Coarse pale grey & yellow saccharoidal SST.			3	2	4	25	-	-
Foul coal			-	-	3	25	-	3
Brownish grey lipy fireclay rooty			-	-	9	25	1	-
Pale grey & yellow fine grd. SST. coarser bands, rooty at top, clayey towards base			6	5	-	32	-	-
Sandy fireclay, pale brownish grey & rootlets			-	3	6	32	3	6
Brown faky fireclay			-	-	6	32	4	-
Black lipy blaes w. ironstone balls			-	-	9	32	4	9
Grey limy blaes, shell scraps			-	-	3	32	5	-
Impure LST. abundant shell scraps			-	2	3	33	1	3
Grey blaes			-	-	3	33	1	6
Grey faky SST.			-	1	-	33	2	6
Brownish grey lipy fcl., rooty sandy towards base			-	2	10	33	5	4
Fine grd. pale grey SST.			-	2	2	34	1	6
Grey clayey fakes with irony ribs			-	1	4	34	2	10
Grey faky blaes, sandy ribs, irony ribs plant scraps & fragments of <i>Lingula</i> near top			1	2	11	35	5	9
Grey faky fcl. with rootlets			-	2	-	36	1	9
Fine grained pale grey SST. coarser in lower parts & faky at top, pyrites balls			5	3	6	41	5	3
Poorly bedded grey faky blaes, lipy			-	1	6	42	-	9
Coarse gritty SST. pale grey, pebbly at base			1	-	3	43	1	-
Carry forward			43	2	-			





	Thickness.			Depth from Surface.		
	Fathoms.	feet.	ins.	Fathoms.	feet.	ins.
Brought forward	43	1	-	43	1	-
Dark grey blaes irony pellets & shell fragments	-	2	-	43	3	-
Dark grey lipy blaes	-	1	3	43	4	3
Dark brownish grey silty sandstone	-	-	9	43	5	-
Poorly bedded grey faky blaes	-	1	3	44	-	3
Daugh	-	-	9	44	1	-
Grey limy blaes, crinoidal	-	1	-	44	2	-
Limestone, hard fine grained	-	-	7	44	2	7
Dark grey limy blaes, crinoidal, shell fragments	-	1	6	44	4	1
Fine grained grey LST. large Productus at top, thin shelly bands	-	5	8	45	3	9
Grey limy blaes, shell scraps	-	1	9	45	5	6
Dark grey micaceous faky blaes Lingula, brachiopods, Sanguinolites, Aviculopecten	-	1	-	46	-	6
Total depth	46	-	6			



COMMERCIAL-IN CONFIDENCE

(08/5505) Wt 73841/95 3000 1/84 M. & St., Ltd. Q 88

SECTION OF Poniel No. 3A bore, Douglas (1956)

NS 83SW/124

Surface Level \_\_\_\_\_ O.D.

Communicated 1956 by \_\_\_\_\_

Date of boring or sinking 1956 Borer \_\_\_\_\_

One-inch Map 23 Six-inch Map (County and Half-Quarter Sheet) Laurel 385.0.

	Thickness.			Depth from Surface.		
	Fathoms.	feet.	ins.	Fathoms.	feet.	ins.
Soil		1	-	-	1	-
Boulder clay & boulders	2	-	6	2	1	6
Soft fakes & faky fireclay (not seen)	-	3	-	2	4	6
Ironstone	-	-	6	2	5	-
Soft fakes (not seen)	-	3	9	3	2	9
Hard irony rib	-	-	3	3	3	-
Coal	-	-	7	3	3	7
Soft fakes	-	1	10	3	5	5
Dk. brownish grey foul carbonaceous ironstone planty shell fragments	-	-	11	4	-	4
Coal	-	1	9	4	2	1
Dark fakes	-	-	9	4	2	10
Sandy fireclay	-	1	9	4	4	3
Dk. grey lipy fireclay near base few irony balls	1	2	6	6	-	9
Faky fireclay rooty	-	1	3	6	2	-
Poorly bedded grey rooty fakes	-	1	3	6	3	3
Fine grd. pale grey & yellow SST. faky	4	1	2	10	5	-
Total depth	10	5	-			





COMMERCIAL-IN CONFIDENCE

(68/8505) Wt 73541/05 3000 1/84 M. & St., Ltd. 2 88

SECTION OF Poniel No. 4 Bore

Spence 1956

Surface Level \_\_\_\_\_ O.D.

Communicated 1956 by \_\_\_\_\_

Date of boring or sinking 1956

Borer \_\_\_\_\_

One-inch Map 23 Six-inch Map (County and Half-Quarter Sheet) Laurel 38 S.W.

	Thickness.			Depth from Surface.		
	Fathoms.	feet.	ins.	Fathoms.	feet.	ins.
Soil		1	-		1	-
Sandy boulder clay & boulders		19	-		20	-
Soft fireclay - mud with fake fragments <i>seen</i>		1	-		21	-
Fine grd. pale grey & yellow SST. micaceous laminae		21	-		42	-
Black coaly blaes		-	9		42	9
Grey faky fireclay black roots lipy at top & small ironstone balls		1	9		44	6
Fine grd. pale grey & yellow SST., coarser at base, faky at top, thin calcite veins		37	-		81	6
Brownish grey clayband ironstone thin calcite veins, steep joint		-	5		81	11
Brownish grey sandy fol black roots, steep lipy joints		5	4		87	3
Brownish grey faky SST., claybands & rooty		1	3		89	-
Pale grey coarse gritty SST., I.S. balls on top		4	9		93	9
Pale grey faky fol. black roots, IS. balls, steep joints; steep irregular junction at top		-	9		94	6
Brownish grey faky fol. no roots, full of sphaerosiderite		2	6		97	-
Brown lipy fol., scarce roots		1	-		98	-
Cannel		-	6		98	6
Fine grd. pale grey rooty SST. jointed & some pyrites in joints		6	-		104	6
Brownish grey fine grained clayey SST.		1	6		106	-
Brownish grey fol. sandy at top		1	2		107	2
Dark grey carbonaceous pyritous fake		-	7		107	9
Fine grained pale grey rooty SST.		1	6		109	3
Grey sandy fake		-	4		109	7
Coaly fake		-	1		109	8
Grey & brownish grey fol., rooty, small pyrites balls		1	6		111	2
Brownish grey sandy fol., sphaerosiderite, steep joints		1	6		112	8
Pieces of foul coal seen		-	8		113	4
Fine grained pale grey SST., fake plies, rooty at top		15	2		128	6
Medium to coarse grained white & yellow SST., steep joints		17	6		146	-
Mixed sediment pale grey fine grained SST. & grey fakes		2	6		148	6
Contemporaneous slump structures, low angled lipy joint# planes ?fault						
Grey lipy faky fol. black roots, small ironstone balls		1	6		150	-
Fine grained pale grey SST., coarse & pebbly at base, plant stems, patches of pyrites at top		38	-		188	-
Fine grained pale grey SST. with clay bands		10	-		198	-
Total depth		198	-			

COMMERCIAL-IN CONFIDENCE

(08/6505) Wt 73541/95 3000 1/54 M. & St., Ltd. G 68

SECTION OF Westown No. 1 (P. Spence 1955)

CONFIDENTIAL

NS83SW/146  
146  
146

Surface Level \_\_\_\_\_ O.D.

Communicated 1955 by \_\_\_\_\_

Date of boring or sinking 1955

Borer \_\_\_\_\_

One-inch Map 23 Six-inch Map (County and Half-Quarter Sheet) LANARK 38 N.W.

		Thickness.			Depth from Surface.		
		Fathoms.	feet.	ins.	Fathoms.	feet.	ins.
	Surface	3	1	9	3	1	9
<i>Pale yellowish grey, fine grained sugary sst. some thin coarse bands, micaceous laminae and coaly plant stems towards base</i>	Light sandstone	5	5	7	9	1	4
	Sst. broken	-	1	-	9	2	4
	Sandstone	-	-	9	9	3	1
	Sst. w. coal plies	-	4	4	10	1	5
<i>Grey sandy fakes, thin coal streaks</i>	Coaly fake	-	-	2	10	1	7
<i>Not seen</i>	Soft blaes (no core)	-	3	-	10	4	7
<i>Pieces of brown planty ls. seen</i>	Blaes & ls. balls	-	-	5	10	5	-
<i>Brownish grey cony fake w. ls. bands</i>	Sandy blaes	-	2	11	11	1	11
<i>Brown C.B.I. - much calcite</i>	Ironstone	-	-	2	11	2	1
<i>Pieces grey planty fakes seen</i>	Coaly fake	-	-	3	11	2	4
<i>Not seen</i>	Soft blaes (no core)	-	-	10	11	3	2
<i>Grey micaceous faky sst, rootlets</i>	Sandy fake	-	-	6	11	3	8
	Grey sandstone	-	3	4	12	1	-
<i>Brownish grey cony fakes, plant debris</i>	Sandy blaes & ls. balls	-	1	6	12	2	6
<i>Brownish grey faky sst with thin fake bands, some disturbed bedding DIP 15°</i>	Sandy blaes	-	5	5	13	1	11
	Fakes & sandstone	-	2	7	13	4	6
	Sandy blaes	-	-	10	13	5	4
	Fakes & sandstone	-	1	2	14	-	6
<i>Grey, micaceous sandy fakes with sst. plies</i>	Sandy blaes	-	1	3	14	1	9
	Fakes & sandstone	-	-	2	14	1	11
<i>Pale grey, fine grained sst. with soft coarse bands fake pebbles in places, pyrites balls jointy, some micaceous laminae, bottom bin pebbly</i>	Sandstone	-	2	6	14	4	5
	Sandstone, broken	1	2	10	16	1	3
	Coarse sandstone	-	2	-	16	3	3
	Sandstone	-	4	4	17	1	7
	Coarse sandstone	-	2	-	17	3	7
	Sandstone	-	5	11	18	3	6
Carry forward		18	3	6			



		Thickness.			Depth from Surface.		
		Fathoms.	feet.	ins.	Fathoms.	feet.	ins.
	Brought forward	18	3	6	18	3	6
Fragments of grey blaes seen	Blaes	-	-	2	18	3	8
crinoid ossicles scraps	Soft blaes	-	1	11	18	5	7
grasaria shells							
Grey blaes, broken and lumpy, ? ves	Broken blaes	-	-	6	19	-	1
metals, probably small fault	Soft blaes	-	1	7	19	1	8
Pieris brownish grey C.S.I. seen	Hard grey fakes (limy)	-	-	4	19	2	-
Soft broken, brownish grey, limy	Soft blaes & shells	-	3	2	19	5	2
blaes, crinoidal, occ; small graptolites							
Brownish grey, fine grained impure	Hard grey fake & shells	-	-	8	19	5	10
limestone, crinoidal							
Grey limy blaes, thin fine limestone	Grey blaes & shells	-	2	11	20	2	9
with packed with crinoid ossicles,	Blaes	-	4	3	21	1	-
also scraps of small ribbed							
brachiopods							
Grey, crystalline lst., fine grained	Limestone	-	3	4	21	4	4
at top & coarse at base, a							
few thin limy blaes bands,	Greasy blaes	-	-	2	21	4	6
jointy, crinoidal, calcite veins	Hard grey limy fake	-	-	9	21	5	3
	Limestone	-	3	5	22	2	8
Dark grey lim. blaes, a few squashed	Blaes & shells	-	-	4	22	3	-
large Productids							
Dark grey faky blaes, shell scraps,	Blaes	-	1	9	22	4	9
fragments, ? Edmondia punctatella							
black parrot blaes, bit debris, Lingule 93	COAL	-	-	7	22	5	4
Banded bright coal, much pyrites							
Fine grained pale grey sst., jointy	Sandstone	1	2	4	24	1	8
faky & rooty at the top							
Fine grained pale grey faky sst	Sst. & fake plies	-	2	5	24	4	1
	Sandy fake	-	-	4	24	4	5
Grey faky sst. with thin							
sandy fake bands,	Fakes & sandstone	-	-	2	24	4	7
jointy, occasional blands	Sandy blaes	-	-	7	24	5	2
calcite veins							
	Sandy fakes	-	1	7	25	3	9
	Fakes & sandstone	-	2	3	26	-	-
	Sandy fakes	-	-	3	26	-	3
	Fakes & sandstone	-	-	4	26	-	7
Grey sandy fakes, sst. plies, wavy	Sandy fakes (broken)	-	5	-	26	5	7
bedding							
Dark grey faky blaes sandy	Blaes	-	4	2	27	3	9
laminae, thin fine lst. bands,							
Selenodius							
Sst. & fake plies crinoidal 2/6	Sandy fake	-	1	6	27	5	3
Pale grey fine grained sst. with	Sandstone & faky plies	1	4	5	29	3	8
fake plies, occasional laminae,							
wavy bedding 12/11	Fakes & sandstone	-	3	6	30	1	2
Massive, pale grey, fine grained	Sandstone	1	5	1	32	-	3
sst., faky at top							
Grey fakes with sst. plies	Sandy fake	-	1	9	32	2	-
Fine grained pale grey sst.	Sandstone	-	-	8	32	2	8
	Carry forward	32	2	8			



COMMERCIAL IN CONFIDENCE

(08/2495) WL 76595/8 0000 5/46 M. & St., Ltd. GGS

SECTION OF Westown No. 1

Six-inch Map (County and Quarter Sheet) LANARK 38 N.W.

-2-

*NS83SW/146*

		Thickness.			Depth from Surface.		
		Fathoms.	feet.	ins.	Fathoms.	feet.	ins.
	Brought forward	32	2	8	32	2	8
<i>Striped grey sst and fakes plus</i>	Sandy fake	-	3	-	32	5	8
<i>Fine grained pale grey sst</i>	{ Sandstone	-	-	4	33	-	-
		-	-	8	33	-	8
<i>Fakes with est. plus</i>	Sandy fake	-	1	1	33	1	9
<i>Grey blaes</i>	Blaes	-	-	7	33	2	4
<i>Grey limy blaes small limy and having lenticles, crinoidal, Trilobella, Rugosia, Productids, Spirifers</i>	Blaes & shells	-	4	5	34	-	9
<i>Grey, muddy limestone, crinoidal</i>	Hard grey fakes & shells	-	1	7	34	2	4
	Total depth	34	2	4			





COMMERCIAL-IN CONFIDENCE  
(08/5505) Wt 73541/95 3000 1/54 M. & St., Ltd. G 88

**NS83SW/147**

SECTION OF ~~Pond~~ No. 1 Diamond Bore (Spence, 1956)

Surface Level 767' O.D.

Communicated 1956 by [REDACTED]

Date of boring or sinking 1956

One-inch Map 23 Six-inch Map (County and Half-Quarter Sheet) Leaf 38 N.W.

	Thickness.			Depth from Surface.		
	Fathoms.	feet.	ins.	Fathoms.	feet.	ins.
Surface deposits		15	-		15	-
2/6 seen medium grd. yellowish sandstone		29	-		44	-
Poorly bedded grey clayey fakes, sandy bands & irony bands, fireclay character in places		18	-		62	-
Hd. grey kingly sandstone, broken steep joints ? small flt.		1	-		63	-
Pale grey massive fine grd. clayey sat., pyrites balls		11	8		74	8
Dk. grey clayey faky blaes, plant scraps		4	1		78	9
Banded pyritous foul coal		-	7		79	4
Grey micac. fakes w. pyrites		-	2		79	6
Fine grd. pale grey sandst. w. coaly fragments		-	6		80	-
Grey faky fcl., scarce roots 9" seen		2	6		82	6
Brownish grey irony fcl.		4	6		84	-
Dk. grey micac. clayey blaes, planty		2	-		86	-
Coaly blaes		-	9		86	9
Fine to med. grd. yellowish sandst. 3/9 seen		15	3		102	-
Foul coal 1" seen		-	8		102	8
Fine grd. pale grey sandstone coaly plant stems 4" seen		3	8		106	4
Poorly bedded micac. clayey fakes		1	4		107	8
Black carbonac. fcl.		-	6		108	2
Grey rooty lipy fcl. sdy. at base		-	10		109	-
Fine grd. white & yellowish sandst., soft & saccharoidal at base		32	6		141	6
Coal		-	4		141	10
Fcl. sandy 3"		-	3		142	1
Light fcl.		5	3		147	4
Light brownish fcl.		2	6		149	4
Dk. fcl. 1/3/dk. fcl. w. veins 3"/ coal soft 1/-/						
dk. brownish fcl. 1/-/ brownish fcl. 2/6/ brownish fcl. w. balls 6"/ brownish fcl. 2"/ dk. fcl. 1/6/ <del>limest.</del> fcl. & limy balls broken 1/6/ passing into impure limest. fossiliferous 4"		10	-		159	4
Impure grey limest. packed w. shell fragments jointy		1	6		160	10
Strong grey limy fakes shell fragments		-	7		161	5
Grey micac. blaes, sdy. plies, pyritised plant scraps		-	7		162	-
Grey micac. faky sandstone, pyritised plant scraps		1	-		163	-
Total depth		163	-			



COMMERCIAL IN CONFIDENCE

(08/5505) Wt 73541/95 3000 1/54 M. & St., Ltd. 8 68

SECTION OF Pondal No. 2 Diamond Bore (1956)

CONFIDENTIAL

NS83SW148

Surface Level 767 O.D.

Communicated 1956 by [REDACTED]

Date of boring or sinking 1956

One-inch Map 23 Six-inch Map (County and Half-Quarter Sheet) Laurel 38 N.W.

	Thickness.			Depth from Surface.		
	Fathoms.	feet.	ins.	Fathoms.	feet.	ins.
Surface deposits		20	6		20	6
Soft grey metals (not seen)		1	6		22	-
Poorly bedded grey sdy. fakes, some plant scraps		5	6		27	6
Grey sdy. I.S.		-	4		27	10
Grey planty fakes & sdy. bands 9" seen		3	-		30	10
Coal pieces seen		-	3		31	1
Grey lipy rooty fcl. faky towards base		5	2		36	3
Fine grd. pale grey sandst., clayey in places, micac. laminae		9	-		45	3
Grey clayey sandst., planty		3	-		48	3
Grey faky fcl. rooty		2	-		50	3
Soft bright coal w. bands of cherry		1	9		52	-
Black carbonac. fcl.		1	-		53	-
Brownish grey lipy fcl. rooty		4	9		57	9
Black bedded carbonac. fcl.		1	8		59	5
Foul coal		-	1		59	6
Dk. brownish grey lipy micac. fcl.		-	9		60	3
ditto.		1	6		61	9
Dk. brownish grey bedded rooty fcl. faky in places		2	-		63	9
Fine to med. grd., white w. yellowish bands sandst., coaly fragments, coaly plant stems, one fake band, pyrites balls		42	-		105	9
Grey rooty faky fcl. small brown IS. balls sdy. towards base		3	-		108	9
White fine grd. sandst., faky at top		14	6		123	3
Coal (not seen)		-	9		124	-
Grey clayey sandst. rooty		-	11		124	11
Pale grey fine grd. silty sandst., rooty at top		19	4		135	3
Brownish grey faky fcl. packed w. sphaerosiderite		-	10		136	1
Grey clayey blaes, lipy		-	7		136	8
Black coaly blaes		-	4		137	-
Fine grd. pale grey sandst., faky at base		1	9		138	9
Grey & brownish grey fcl., scarce roots, faky bands		6	6		145	3
<del>Black carbonac. blaes</del>		-	6		145	9
<del>Medium grd. grey sandstone</del>		-	3		146	-
Foul coal		-	6		146	9
Grey SST., med. grd., coaly fragments		1	3		147	-
Grey fakes & sandy bands		1	6		148	6
Dark grey lipy fireclay coaly at top		-	9		149	3
Fine grd. pale grey SST., rooty at top, coarse bands		21	9		171	-
Foul coal		-	6		171	6
Brownish grey lipy faky fireclay, rooty sandy bands		1	-		172	6
Pale grey fine grd. SST., with some faky bands & micaceous laminae, pyrites balls, clayey at base		40	3		212	9
Coaly fake		-	2		212	11
Coal, dull splinty		-	4		213	3
Rooty ironstone		-	2		213	5
Sandy fireclay & clayey SST., rootlets		1	7		215	-
Fine grd. pale grey SST., faky bands		15	-		230	-
Total depth		230	-			



## APPENDIX D

### COAL AUTHORITY REPORT