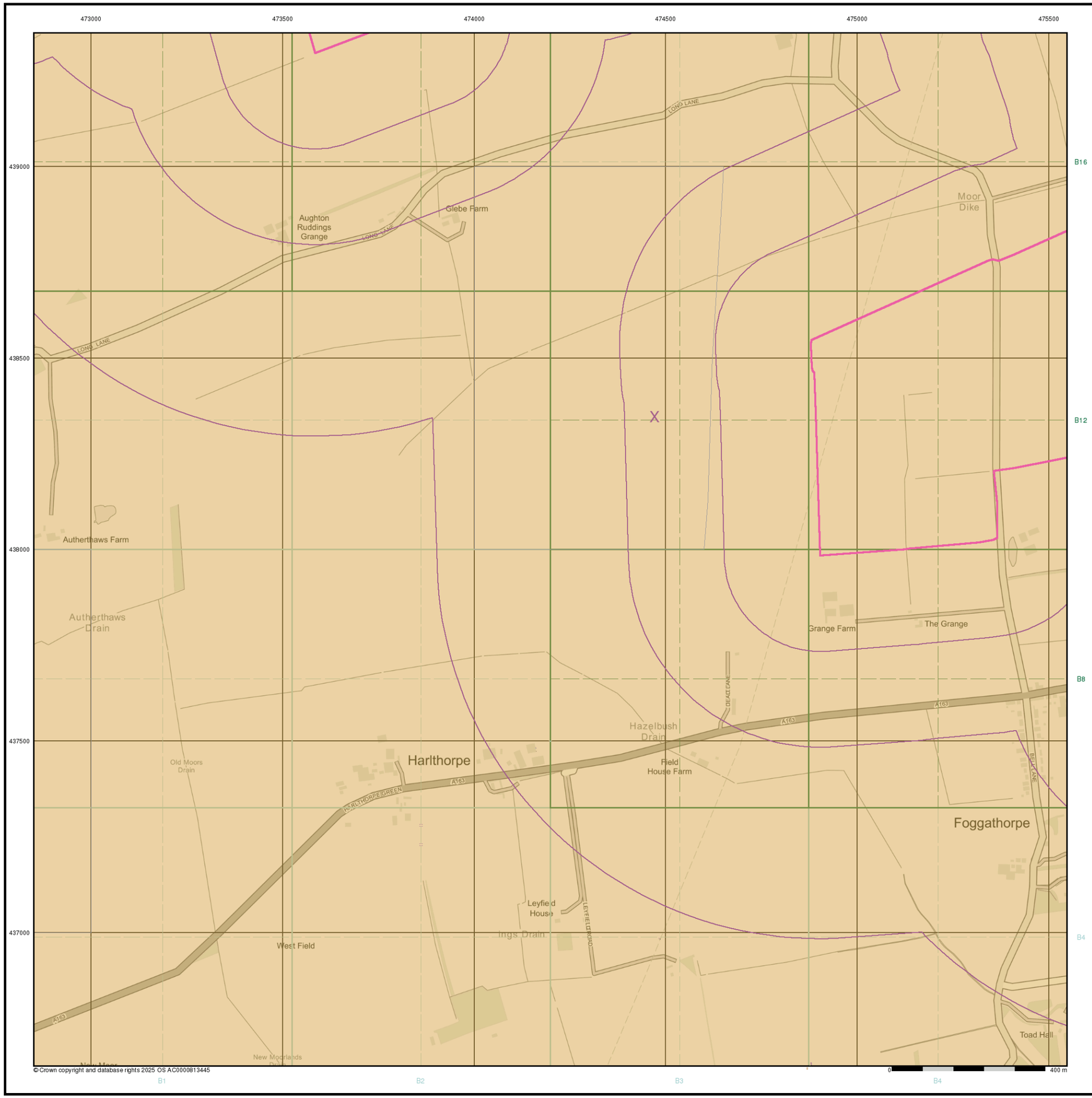


General

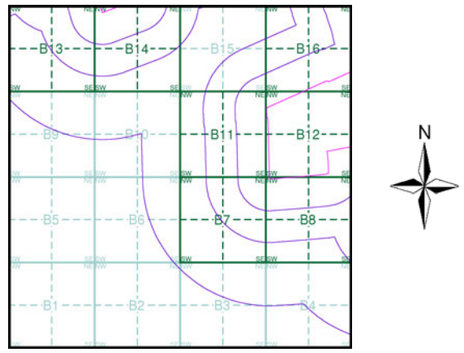
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg

- < 15
- 15 - 25
- 25 - 35
- 35 - 45
- 45 - 60
- 60 - 120
- > 120

Estimated Soil Chemistry Arsenic - Slice B



Order Details

Order Details:	370061200_1_1
Customer Ref:	P02153163
National Grid Reference:	474470, 438350
Slice:	B
Site Area (Ha):	1888.5
Search Buffer (m):	1000

Site Details

Mylen Leah

Landmark INFORMATION GROUP
Tel: 0844 844 9952
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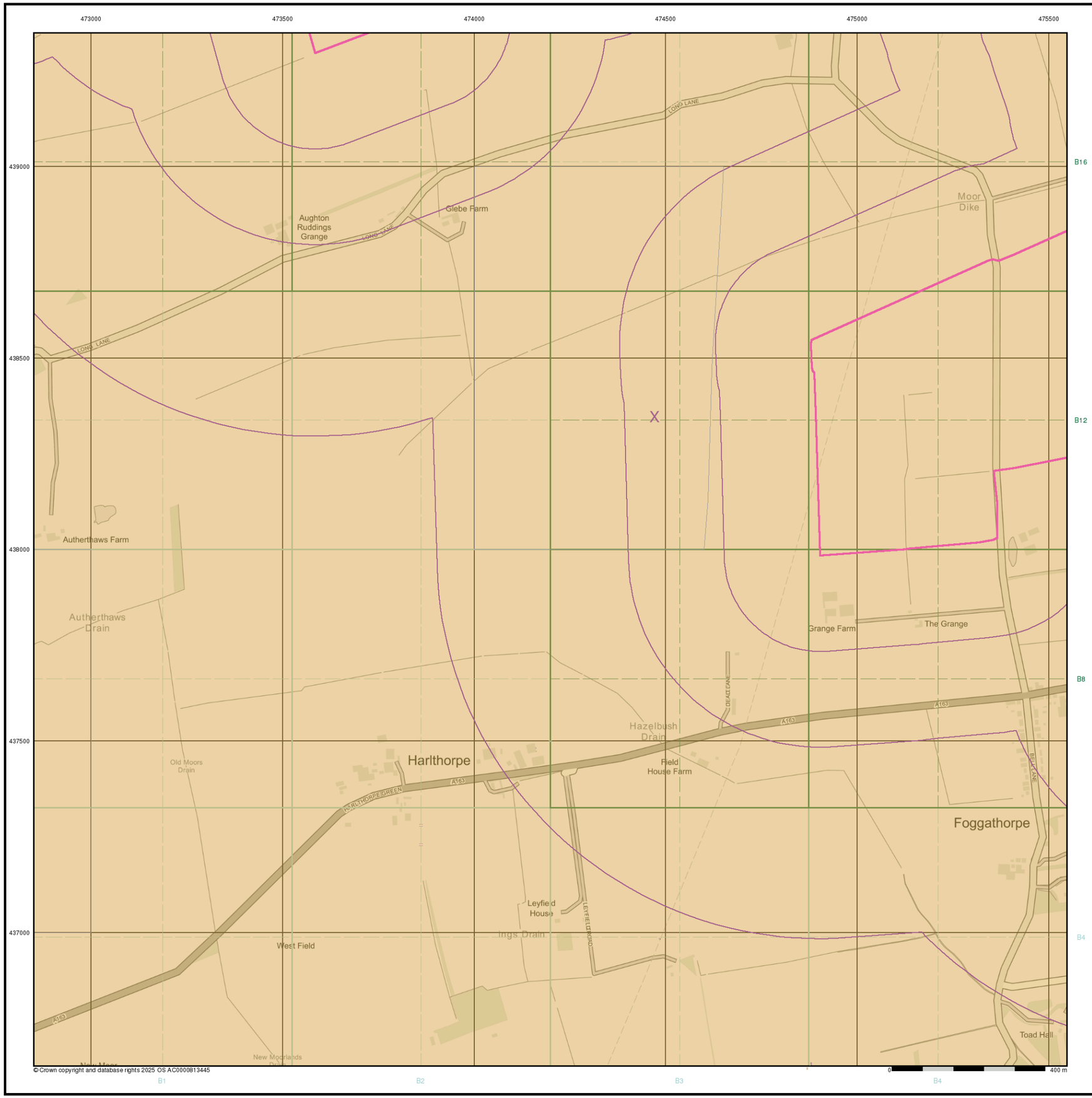


General

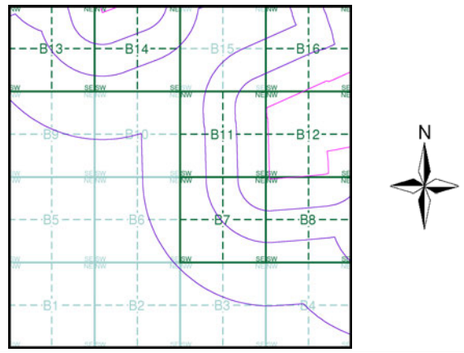
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg

- < 1.8
- 1.8 - 2.2
- 2.2 - 3.0
- > 3.0

Estimated Soil Chemistry Cadmium - Slice B



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Site Area (Ha):	1888.5
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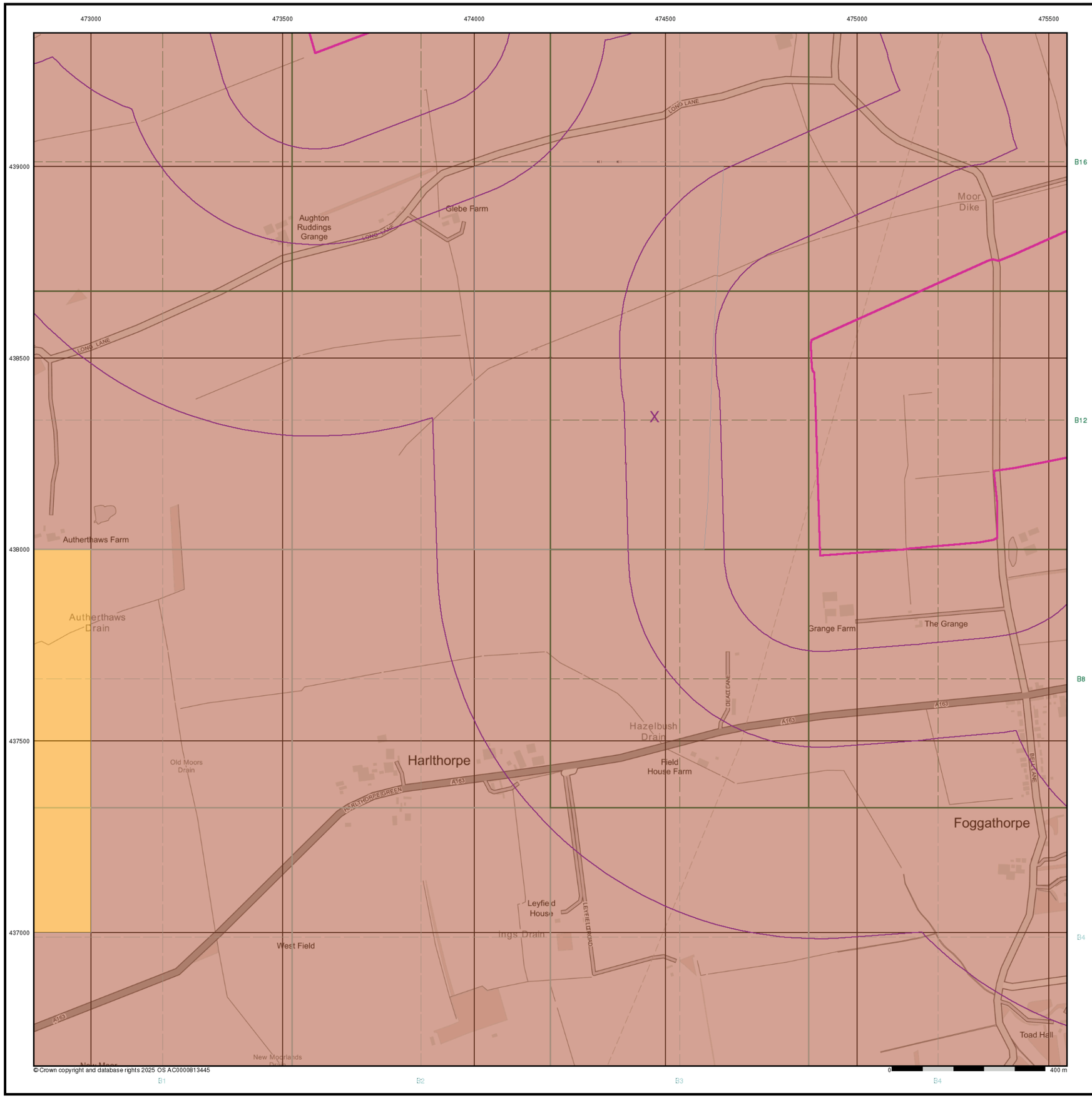


RSK

General

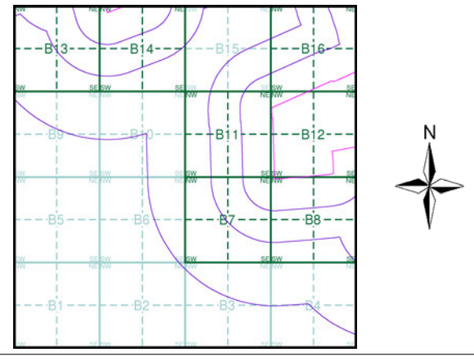
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg

- < 20
- 20 - 40
- 40 - 60
- 60 - 90
- 90 - 120
- 120 - 180
- > 180

Estimated Soil Chemistry Chromium - Slice B



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Customer Ref:	P02153163
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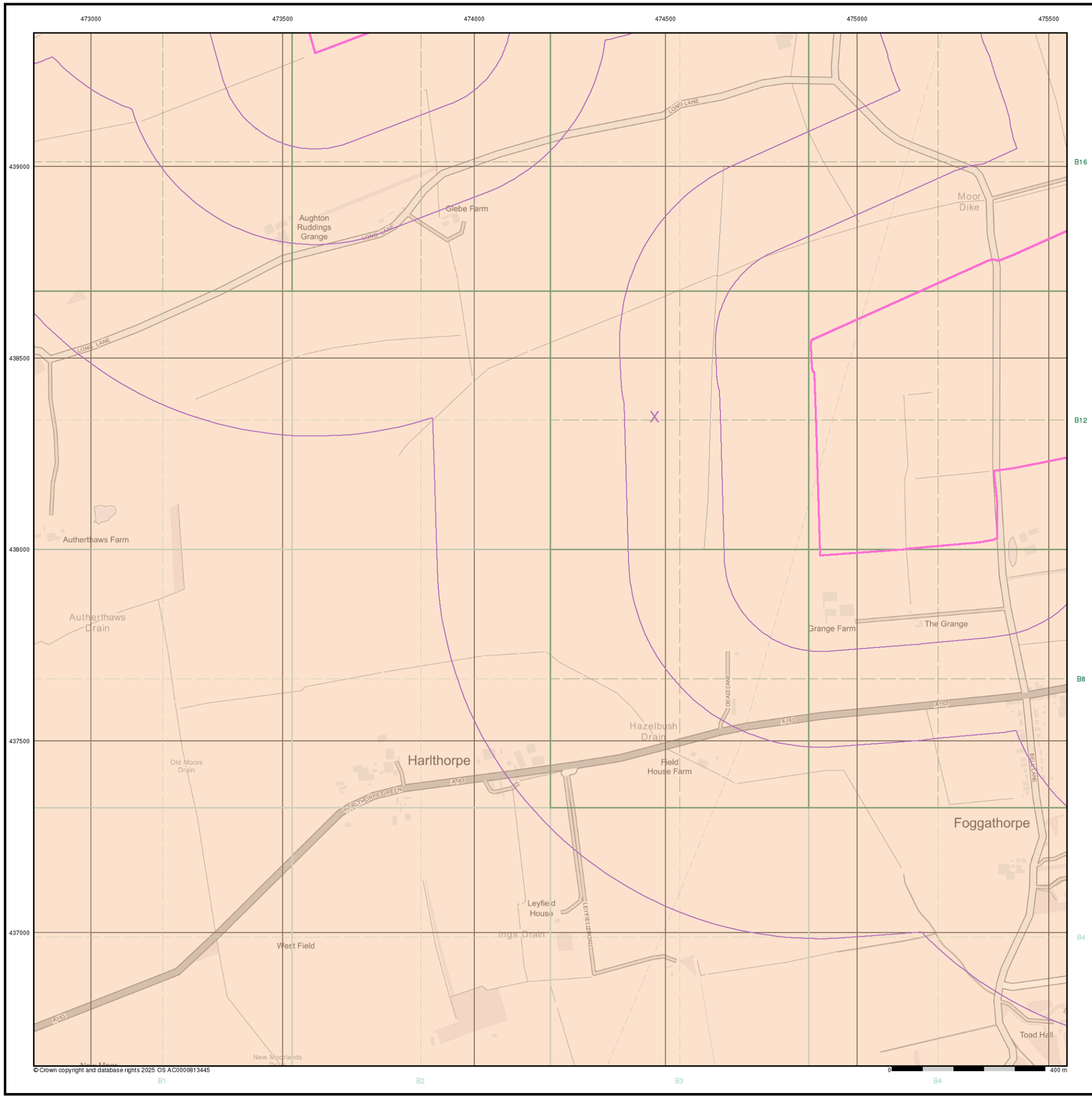


RSK

General

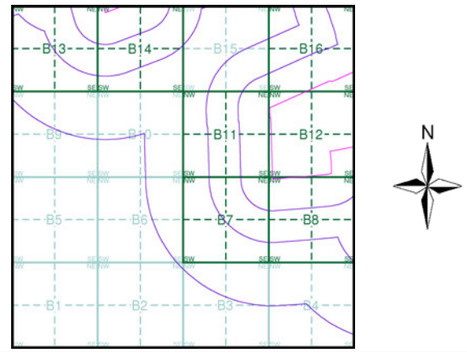
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg

- <100 mg/kg
- 100 - 200
- 200 - 300
- 300 - 600
- 600 - 1200
- >1200

Estimated Soil Chemistry Lead - Slice B



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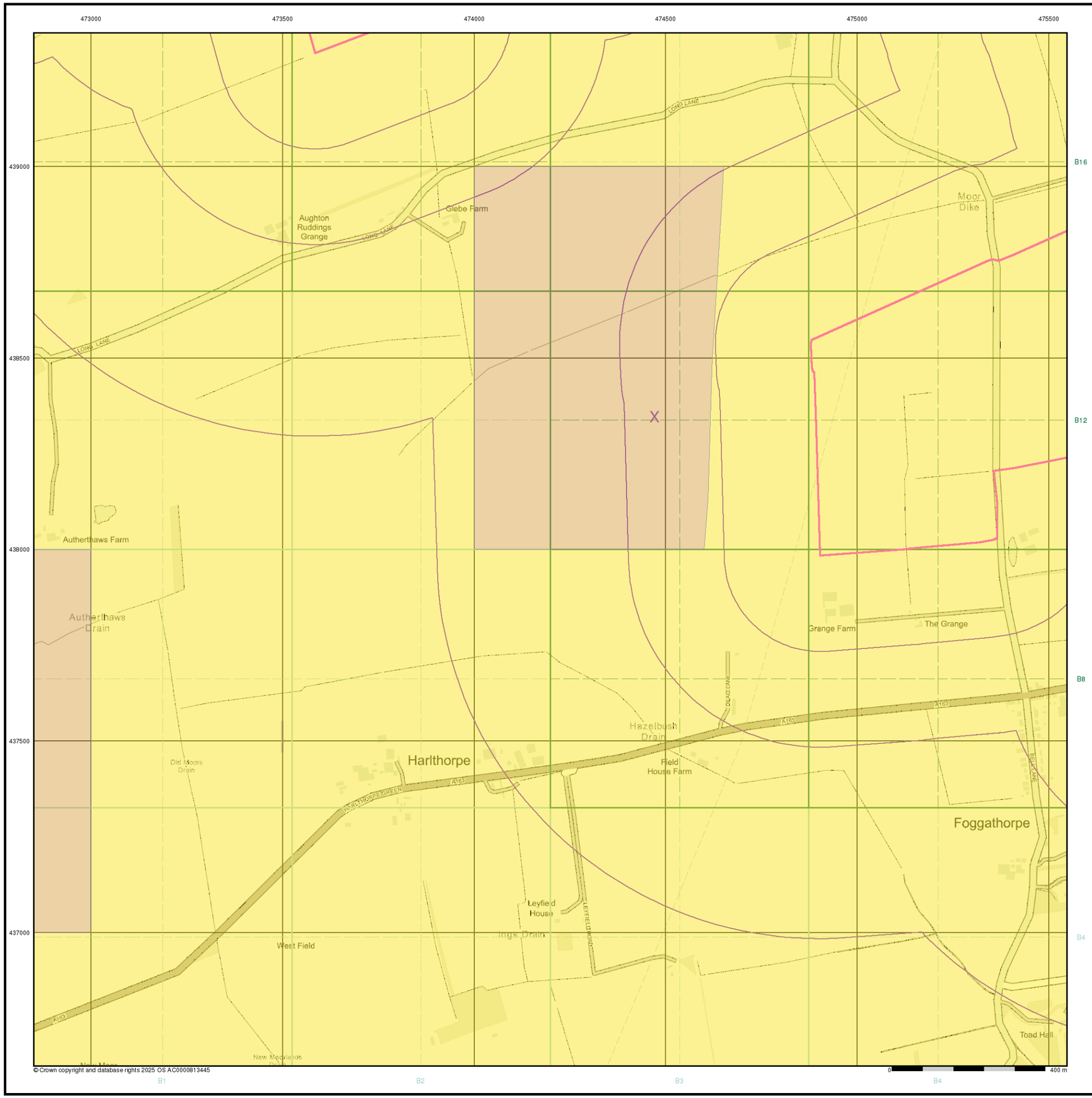


RSK

General

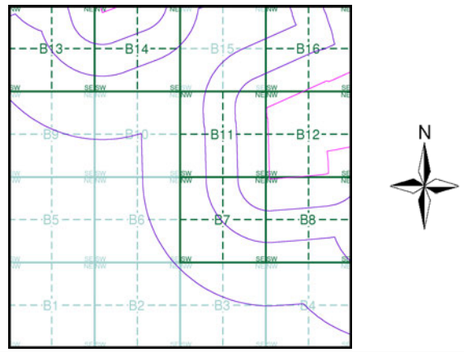
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg

- < 15
- 15 - 30
- 30 - 45
- 45 - 60
- 60 - 80
- 80 - 100
- > 100

Estimated Soil Chemistry Nickel - Slice B



Order Details

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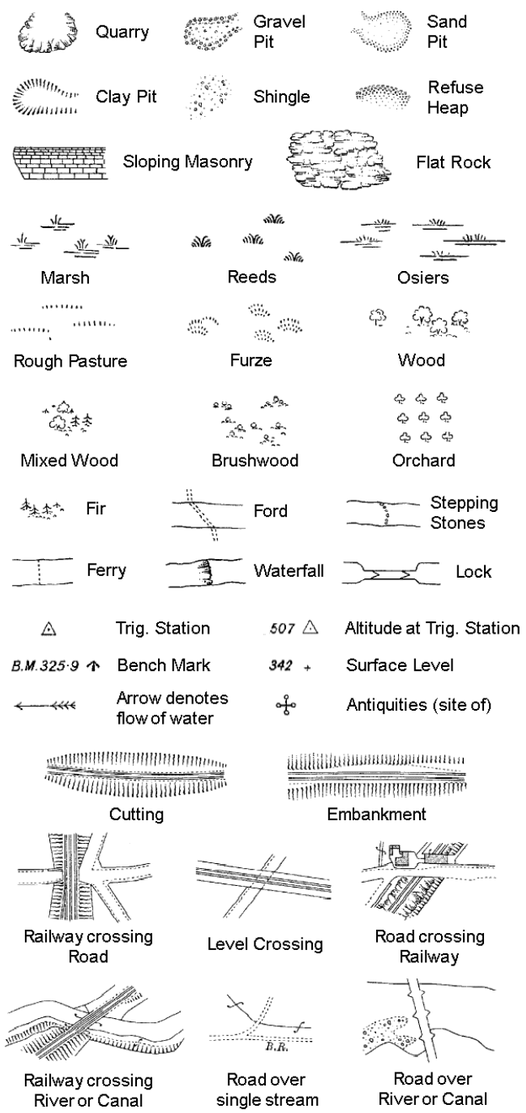
Historical Mapping Legends

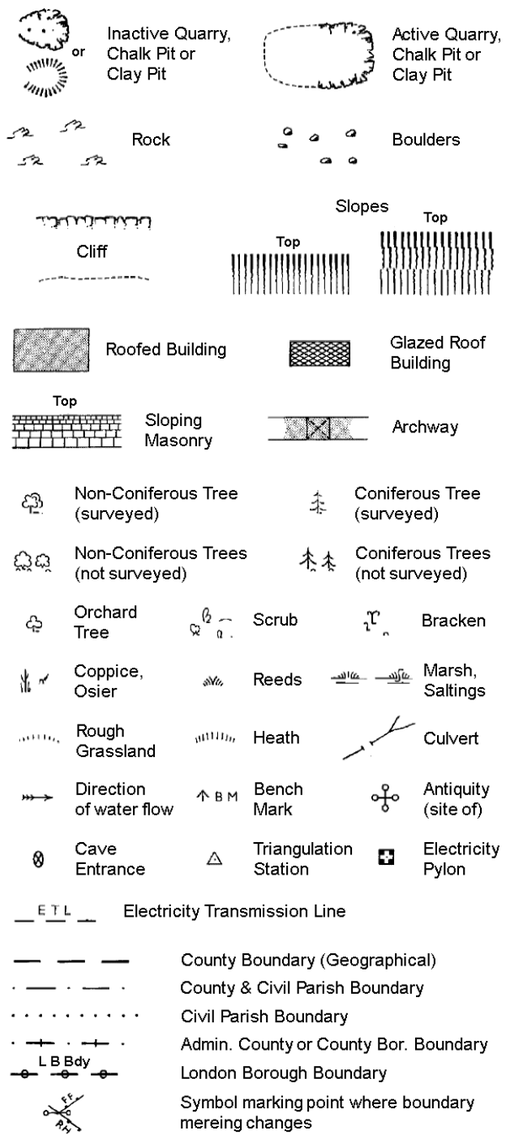
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
Co. Boro. Bdy. County Borough Boundary (England)
Co. Burgh Bdy. County Burgh Boundary (Scotland)

B P B S	Boundary Post or Stone	P.C.B	Police Call Box
B.R.	Bridle Road	P	Pump
E.P	Electricity Pylon	S.P	Signal Post
F.B.	Foot Bridge	Sl.	Sluice
F.P.	Foot Path	Sp.	Spring
G.P	Guide Post or Board	T.C.B	Telephone Call Box
M.S	Mile Stone	Tr.	Trough
M.P M.R	Mooring Post or Ring	W	Well

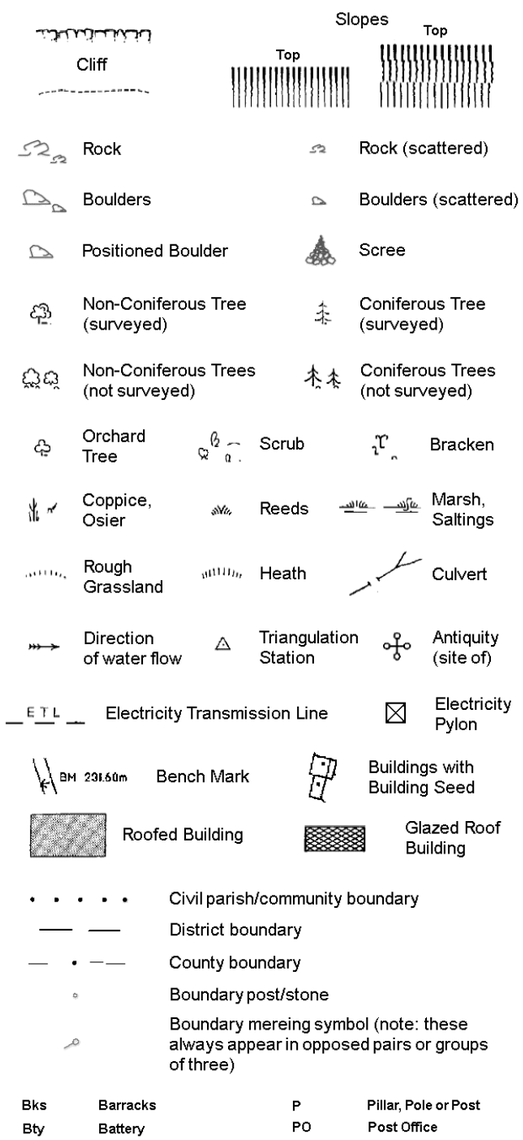
Ordnance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information 1:2,500 and 1:1,250



County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
L B Bdy London Borough Boundary
Symbol marking point where boundary mereing changes

BH	Beer House	P	Pillar, Pole or Post
BP, BS	Boundary Post or Stone	PO	Post Office
Cn, C	Capstan, Crane	PC	Public Convenience
Chy	Chimney	PH	Public House
D Fn	Drinking Fountain	Pp	Pump
El P	Electricity Pillar or Post	SB, S Br	Signal Box or Bridge
FAP	Fire Alarm Pillar	SP, SL	Signal Post or Light
FB	Foot Bridge	Spr	Spring
GP	Guide Post	Tk	Tank or Track
H	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	Wr Pt, Wr T	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

Large-Scale National Grid Data 1:2,500 and 1:1,250



Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)

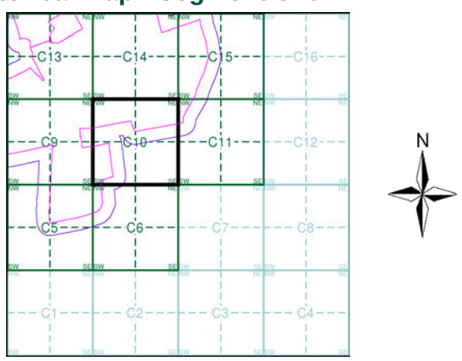
Bks	Barracks	P	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
El Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
El P	Electricity Pole, Pillar	SB, S Br	Signal Box or Bridge
El Sub Sta	Electricity Sub Station	SP, SL	Signal Post or Light
FB	Filter Bed	Spr	Spring
Fn / D Fn	Fountain / Drinking Ftn.	Tk	Tank or Track
Gas Gov	Gas Valve Compound	Tr	Trough
GVC	Gas Governer	Wd Pp	Wind Pump
GP	Guide Post	Wr Pt, Wr T	Water Point, Water Tap
MH	Manhole	Wks	Works (building or area)
MP, MS	Mile Post or Mile Stone	W	Well

RSK

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Yorkshire	1:2,500	1890	2
Yorkshire	1:2,500	1909	3
Ordnance Survey Plan	1:2,500	1973	4
Large-Scale National Grid Data	1:2,500	1995	5
Historical Aerial Photography	1:2,500	1999	6

Historical Map - Segment C10



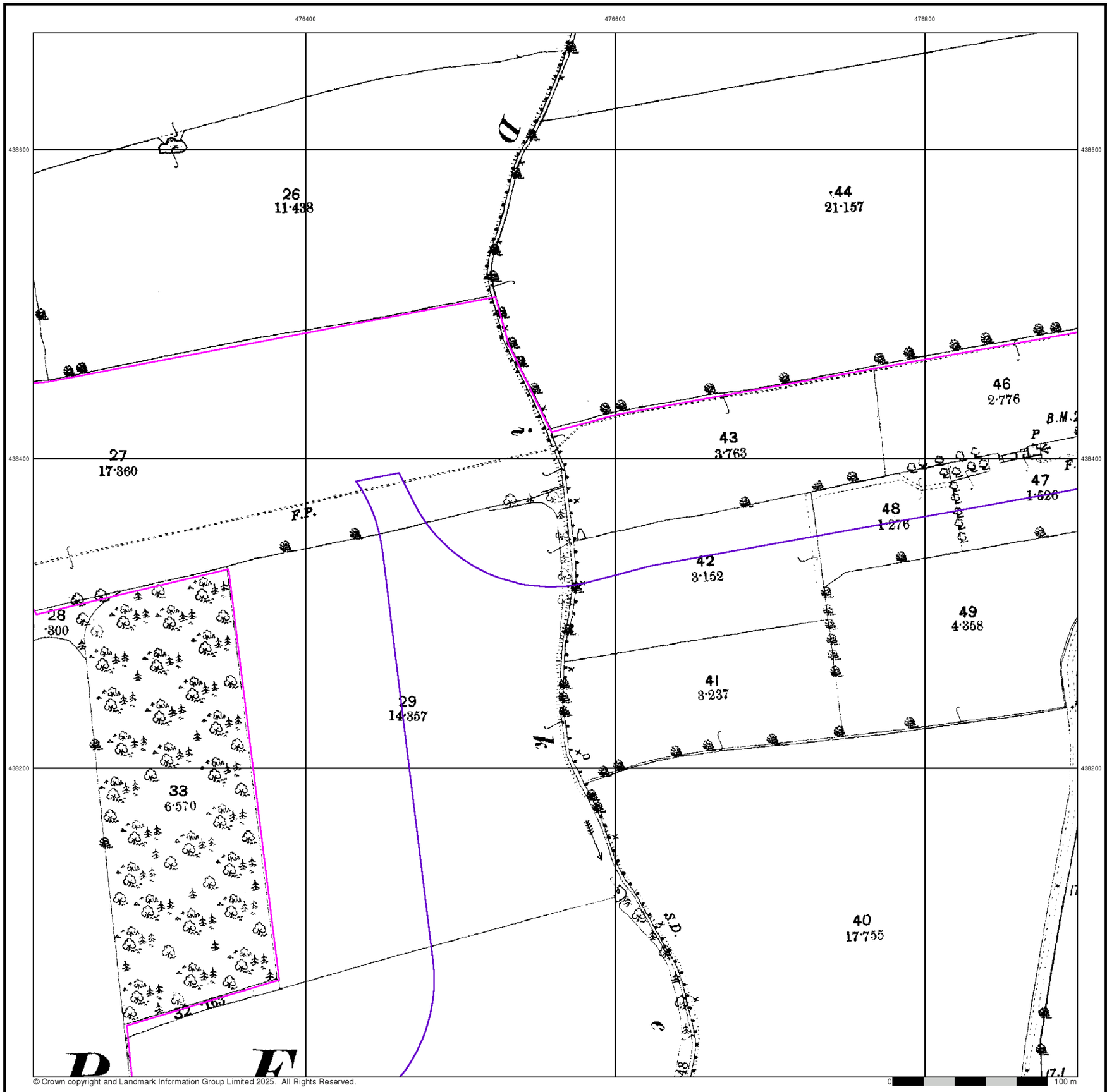
Order Details

Order Number: 370061200_1_1
Customer Ref: P02153163
National Grid Reference: 476650, 438220
Slice: C
Site Area (Ha): 1888.5
Search Buffer (m): 100

Site Details

Mylen Leah

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



RSK

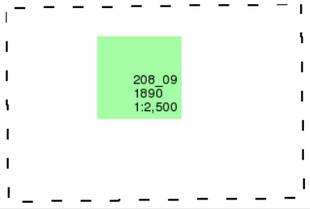
Yorkshire

Published 1890

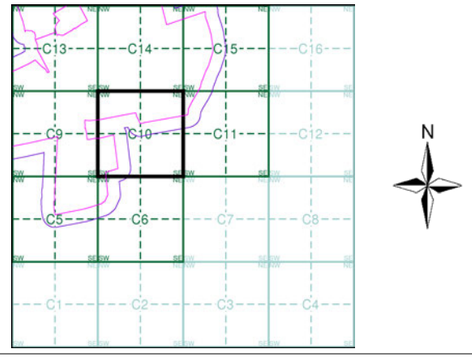
Source map scale - 1:2,500

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 below 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.

Map Name(s) and Date(s)



Historical Map - Segment C10



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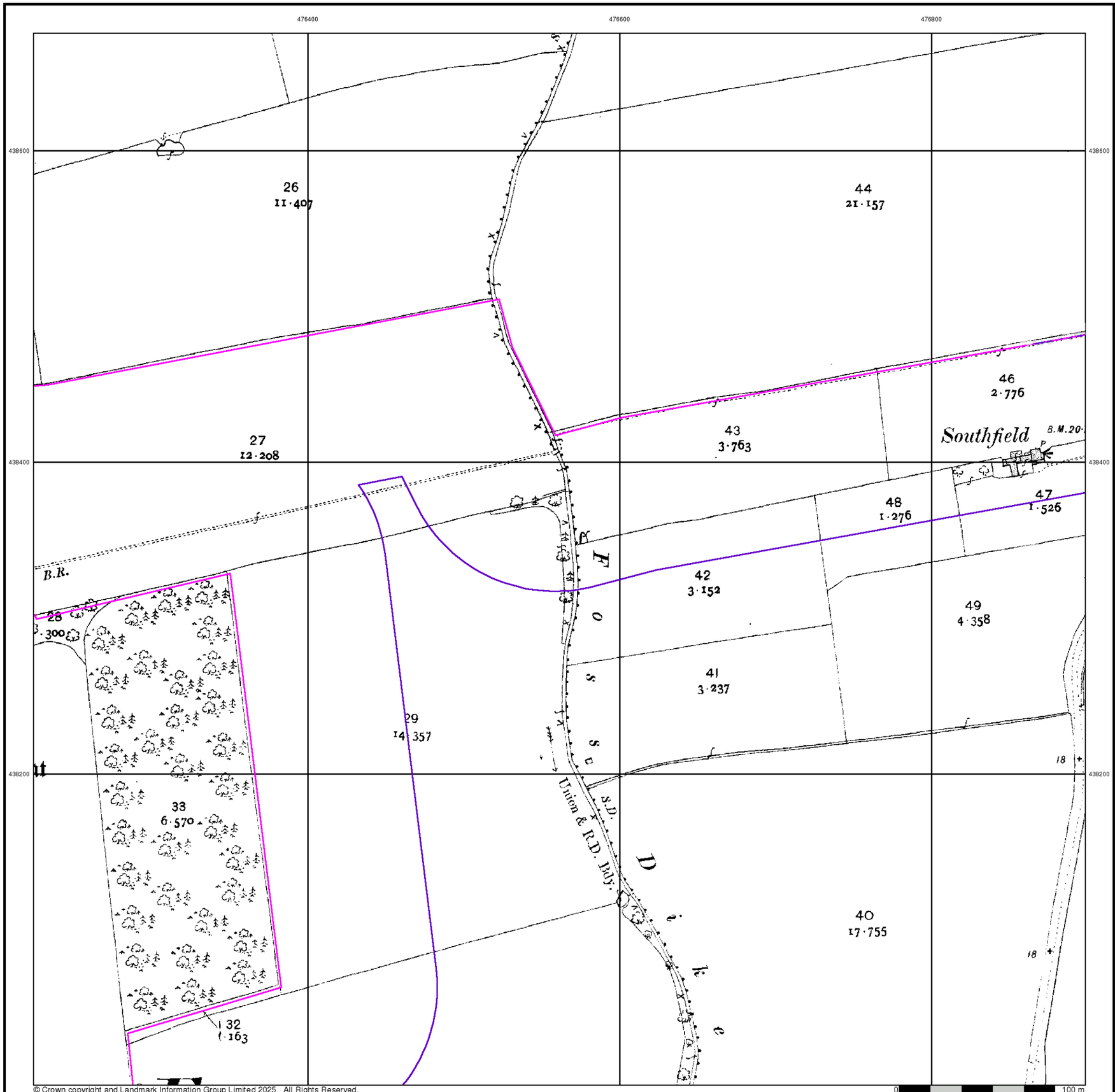


RSK

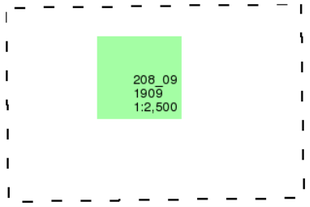
Yorkshire

Published 1909

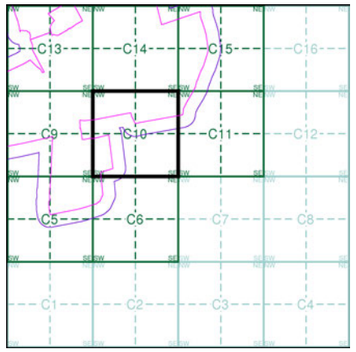
Source map scale - 1:2,500

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 below 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.

Map Name(s) and Date(s)



Historical Map - Segment C10



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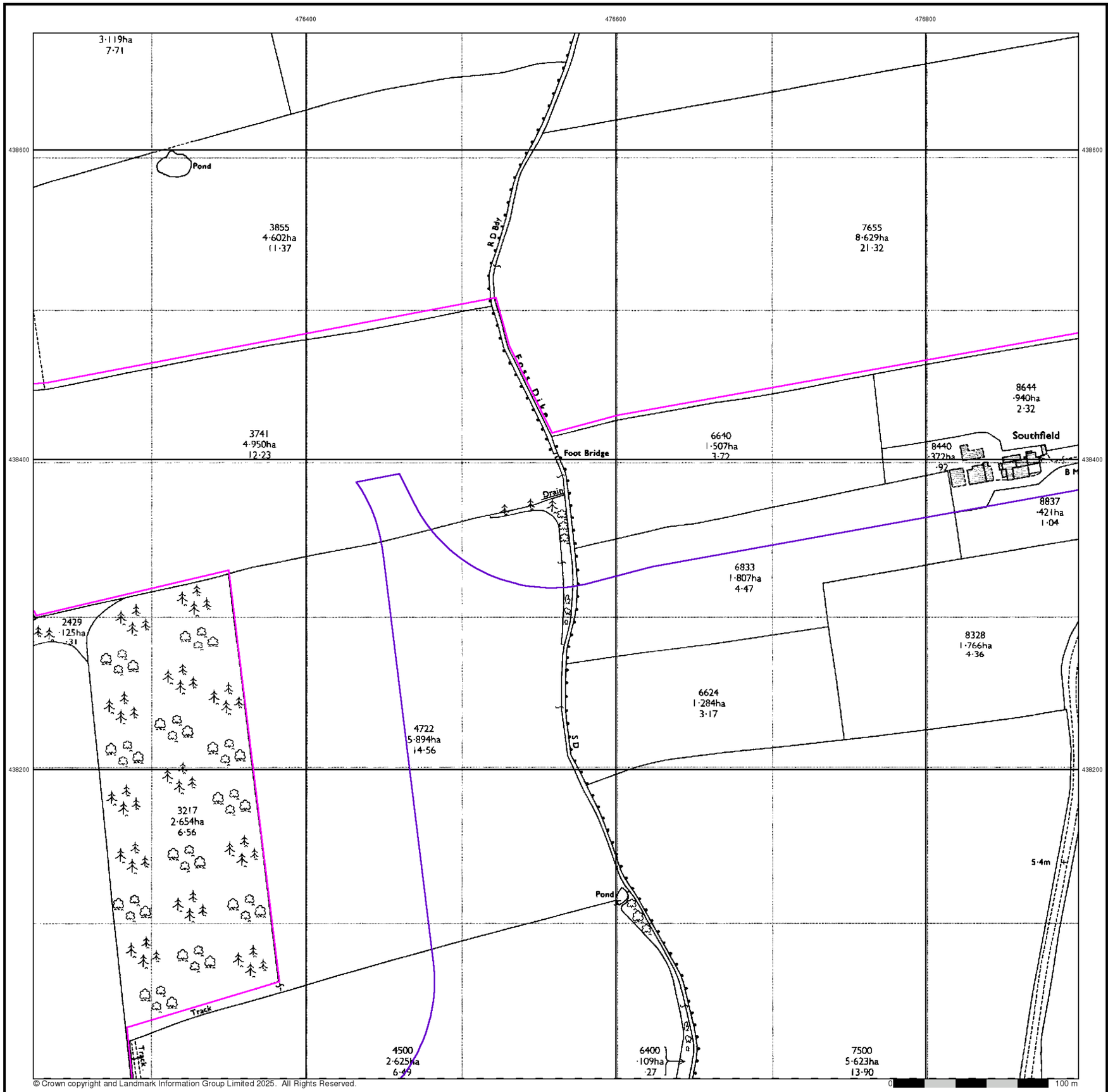

RSK

Ordnance Survey Plan

Published 1973

Source map scale - 1:2,500

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 below 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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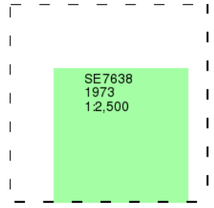
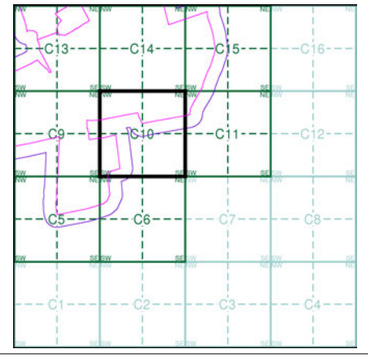


Historical Map - Segment C10



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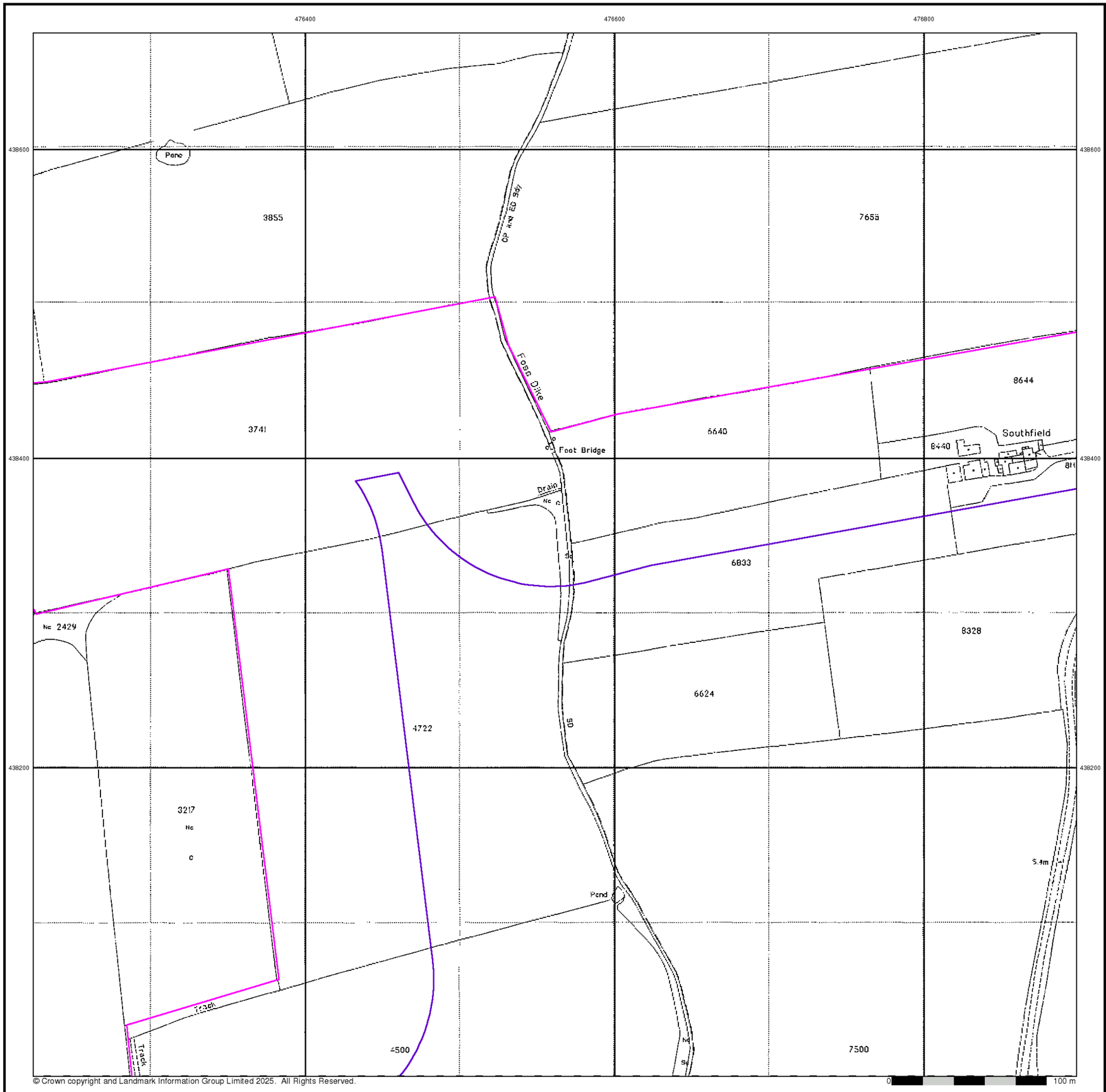


RSK

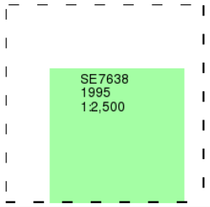
Large-Scale National Grid Data

Published 1995

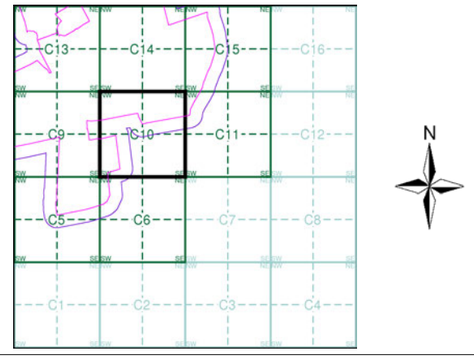
Source map scale - 1:2,500

'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic features such as vegetation. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment C10



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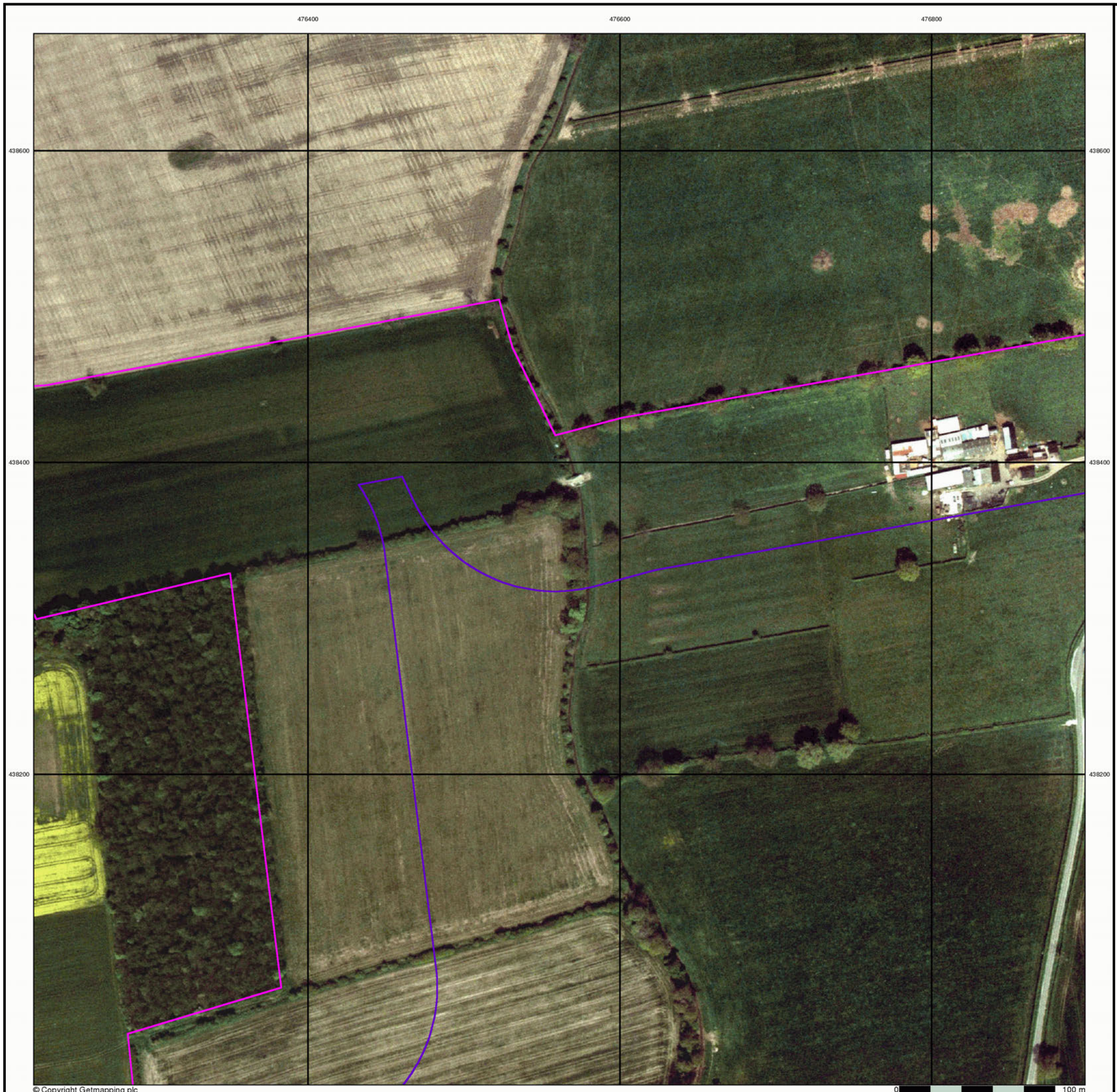


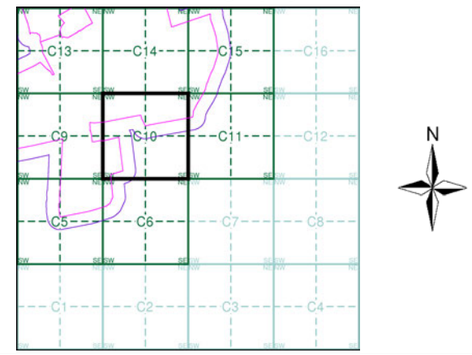
RSK

Historical Aerial Photography

Published 1999

This aerial photography was produced by Getmapping, these vertical aerial photographs provide a seamless, full colour survey of the whole of Great Britain

Historical Aerial Photography - Segment C10



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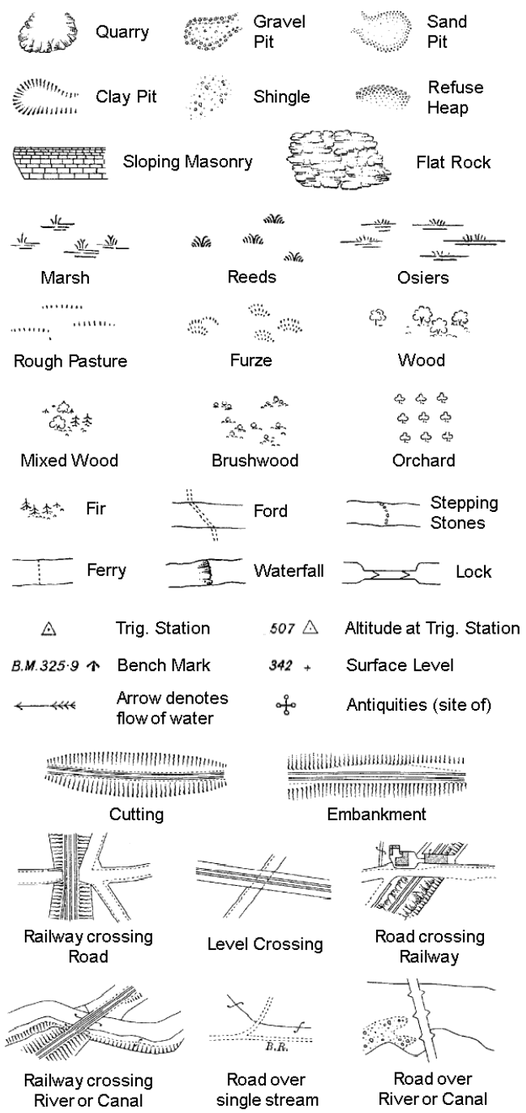
Search Buffer (m):	100

Site Details

Mylen Leah

Historical Mapping Legends

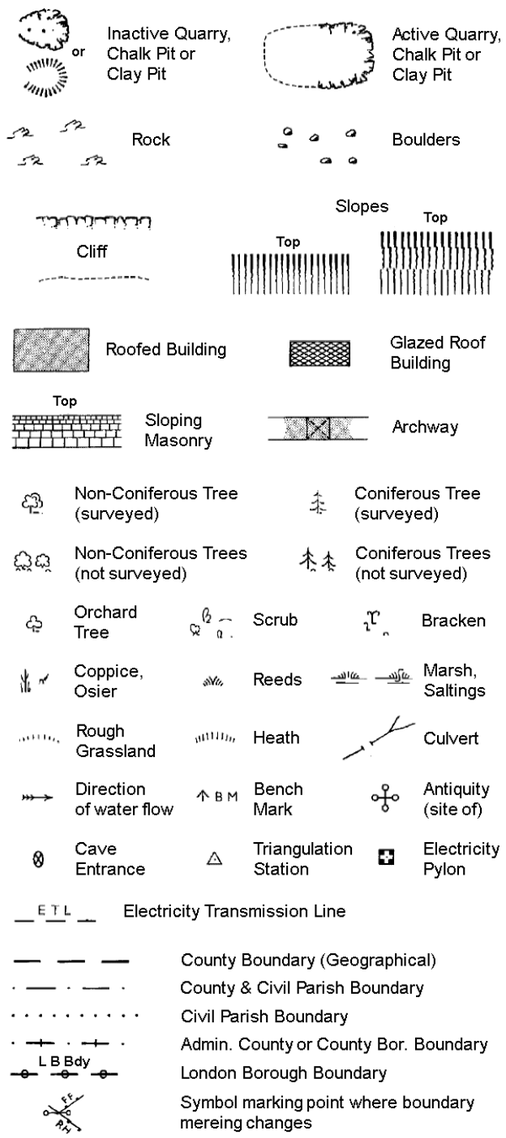
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
Co. Boro. Bdy. County Borough Boundary (England)
Co. Burgh Bdy. County Burgh Boundary (Scotland)

B P B S	Boundary Post or Stone	P.C.B	Police Call Box
B.R.	Bridle Road	P	Pump
E.P	Electricity Pylon	S.P	Signal Post
F.B.	Foot Bridge	Sl.	Sluice
F.P.	Foot Path	Sp.	Spring
G.P	Guide Post or Board	T.C.B	Telephone Call Box
M.S	Mile Stone	Tr.	Trough
M.P M.R	Mooring Post or Ring	W	Well

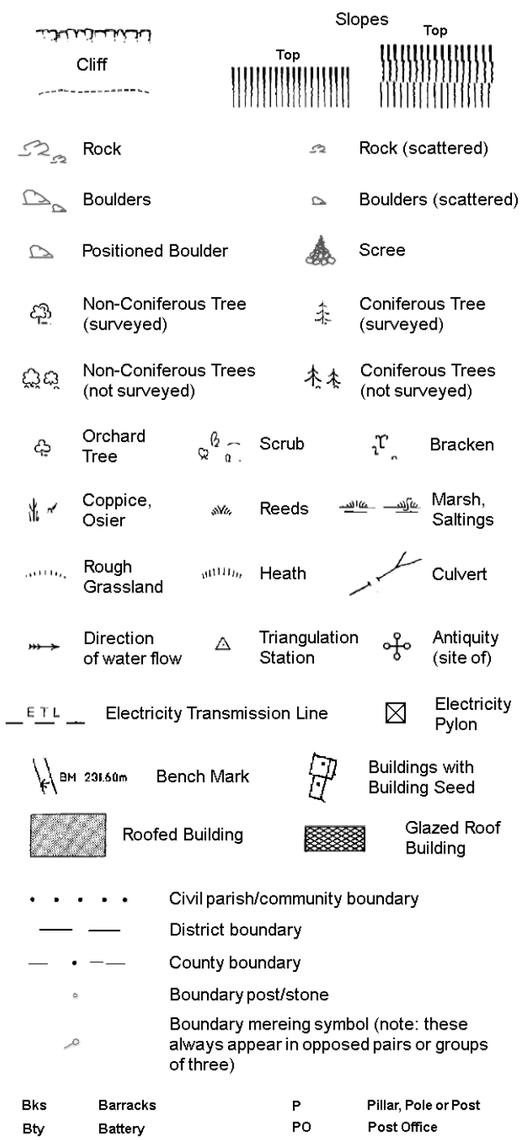
Ordnance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information 1:2,500 and 1:1,250



County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
L B Bdy London Borough Boundary
Symbol marking point where boundary mereing changes

BH	Beer House	P	Pillar, Pole or Post
BP, BS	Boundary Post or Stone	PO	Post Office
Cn, C	Capstan, Crane	PC	Public Convenience
Chy	Chimney	PH	Public House
D Fn	Drinking Fountain	Pp	Pump
El P	Electricity Pillar or Post	SB, S Br	Signal Box or Bridge
FAP	Fire Alarm Pillar	SP, SL	Signal Post or Light
FB	Foot Bridge	Spr	Spring
GP	Guide Post	Tk	Tank or Track
H	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	Wr Pt, Wr T	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

Large-Scale National Grid Data 1:2,500 and 1:1,250



Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)

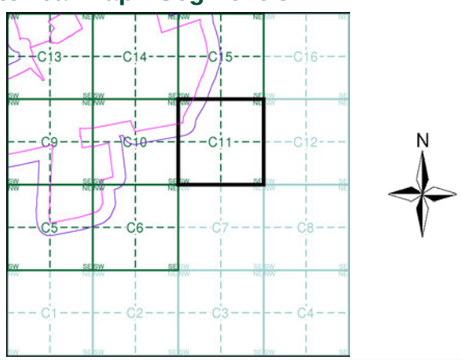
Bks	Barracks	P	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
El Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
El P	Electricity Pole, Pillar	SB, S Br	Signal Box or Bridge
El Sub Sta	Electricity Sub Station	SP, SL	Signal Post or Light
FB	Filter Bed	Spr	Spring
Fn / D Fn	Fountain / Drinking Ftn.	Tk	Tank or Track
Gas Gov	Gas Valve Compound	Tr	Trough
GVC	Gas Governer	Wd Pp	Wind Pump
GP	Guide Post	Wr Pt, Wr T	Water Point, Water Tap
MH	Manhole	Wks	Works (building or area)
MP, MS	Mile Post or Mile Stone	W	Well

RSK

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Yorkshire	1:2,500	1890	2
Yorkshire	1:2,500	1909	3
Ordnance Survey Plan	1:2,500	1973	4
Large-Scale National Grid Data	1:2,500	1995	5
Historical Aerial Photography	1:2,500	1999	6

Historical Map - Segment C11



Order Details

Order Number:	370061200_1_1
Customer Ref:	P02153163
National Grid Reference:	476650, 438220
Slice:	C
Site Area (Ha):	1888.5
Search Buffer (m):	100

Site Details

Mylen Leah

Landmark INFORMATION GROUP
Tel: 0844 844 9952
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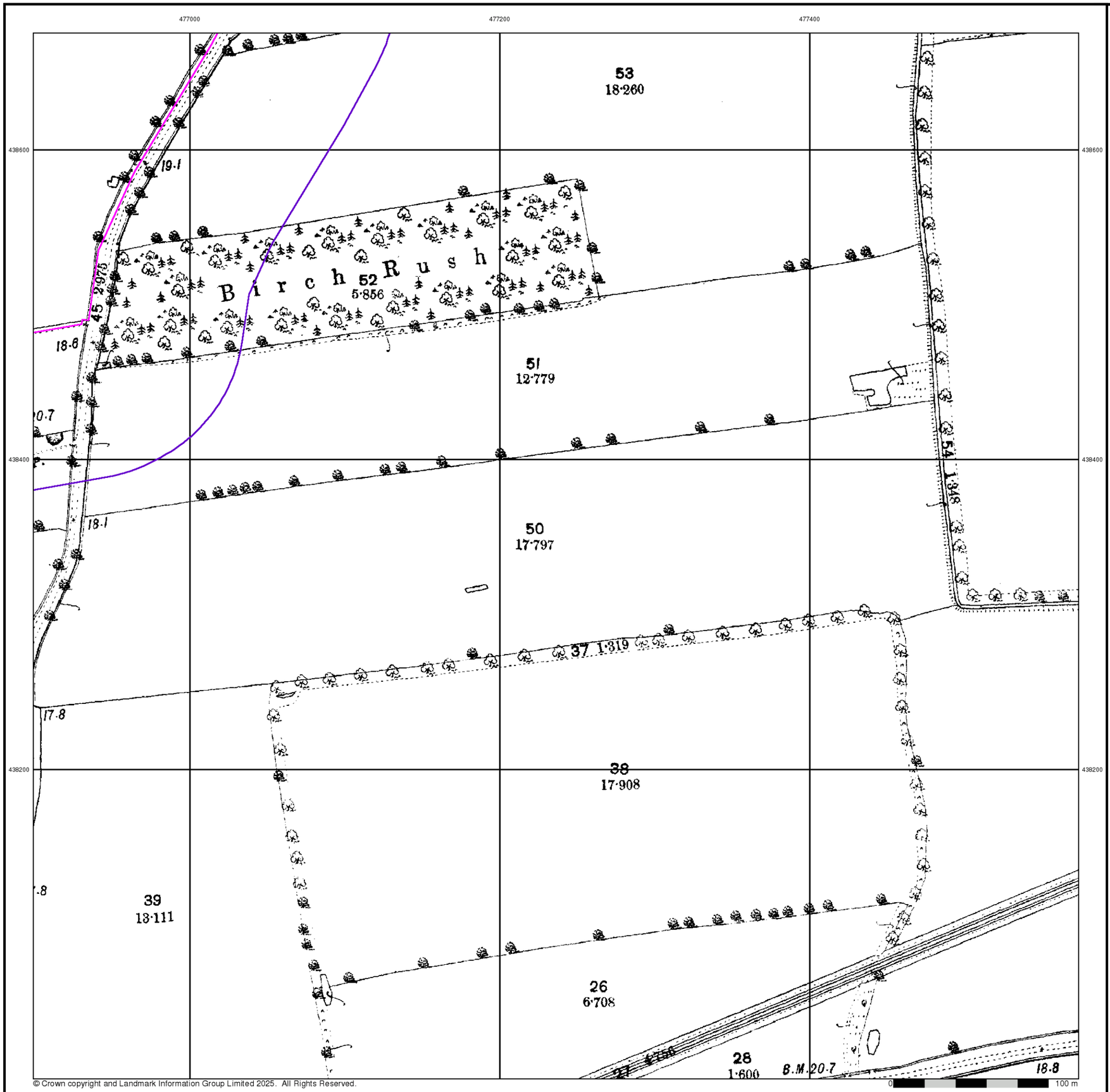
Web: www.envirocheck.co.uk



RSK

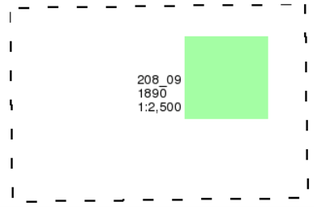
Yorkshire

Published 1890

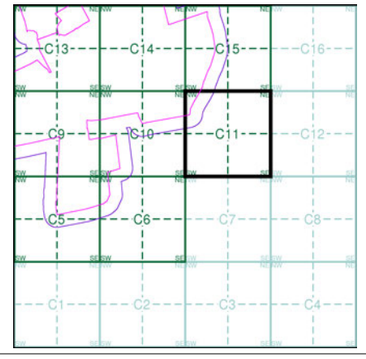
Source map scale - 1:2,500

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 below 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.

Map Name(s) and Date(s)



Historical Map - Segment C11



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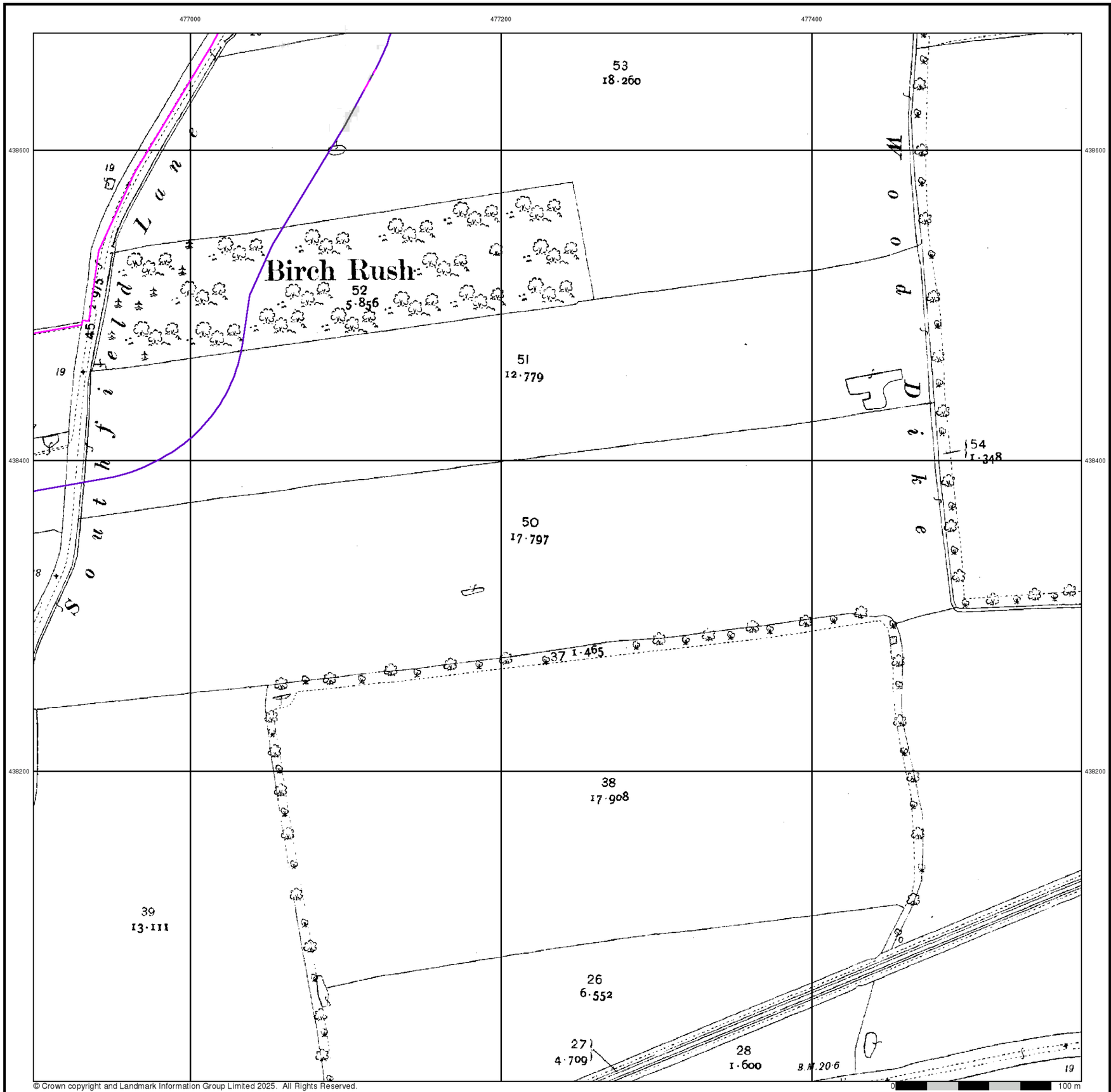

RSK

Yorkshire

Published 1909

Source map scale - 1:2,500

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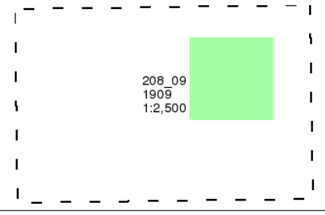
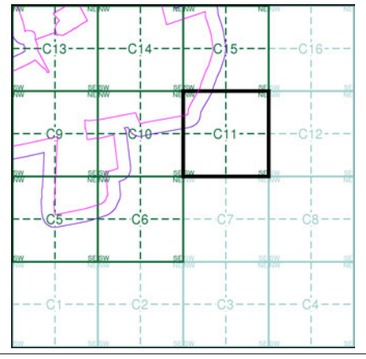
Map Name(s) and Date(s)



Historical Map - Segment C11



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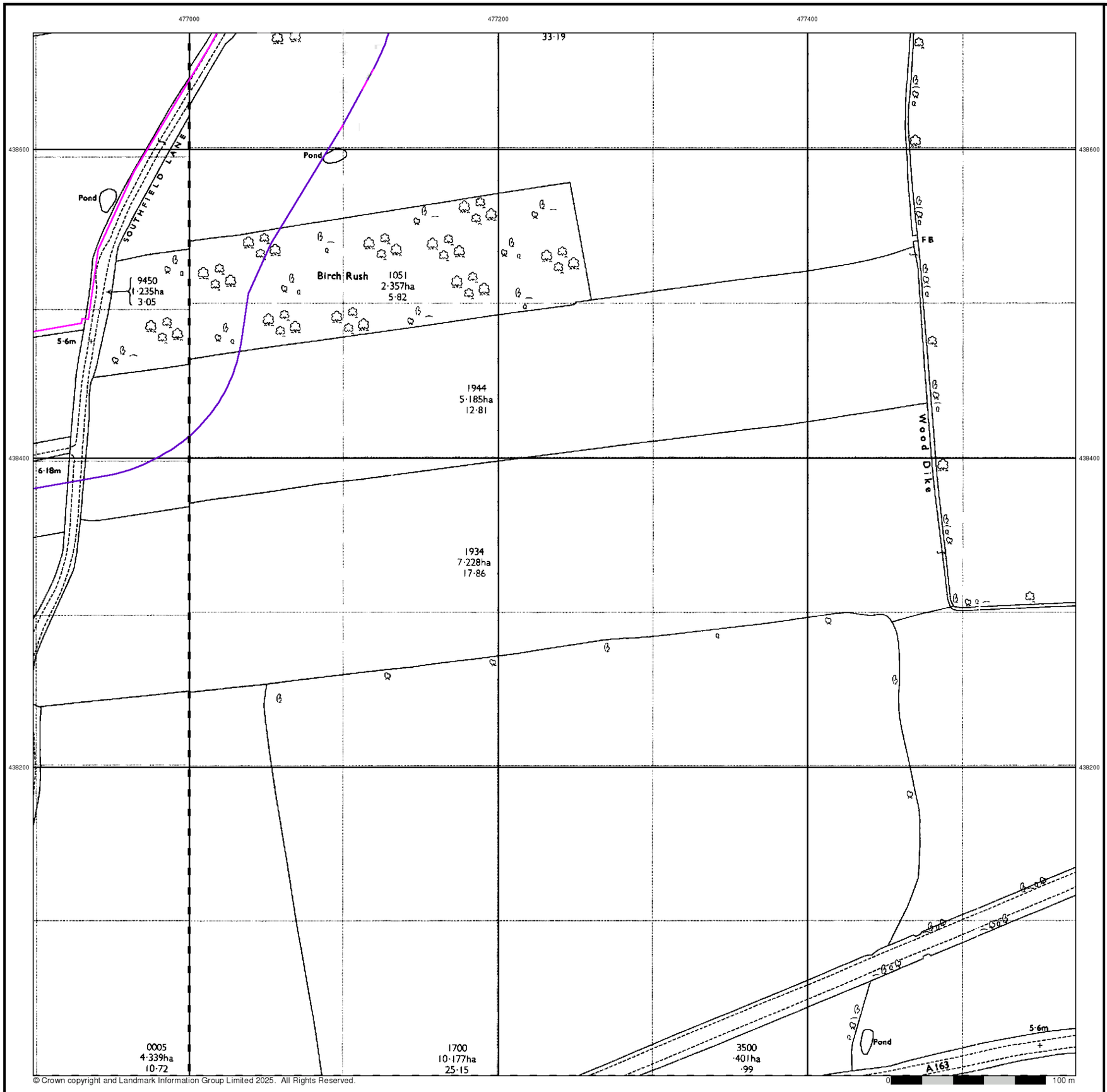

RSK

Ordnance Survey Plan

Published 1973

Source map scale - 1:2,500

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 below 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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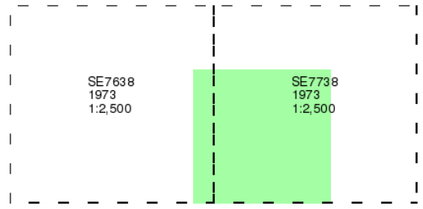
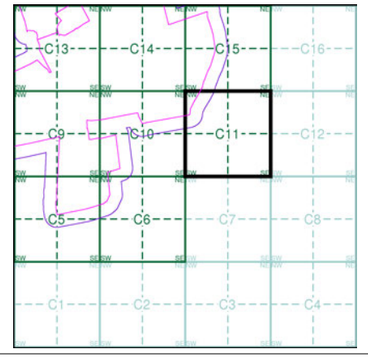


Historical Map - Segment C11



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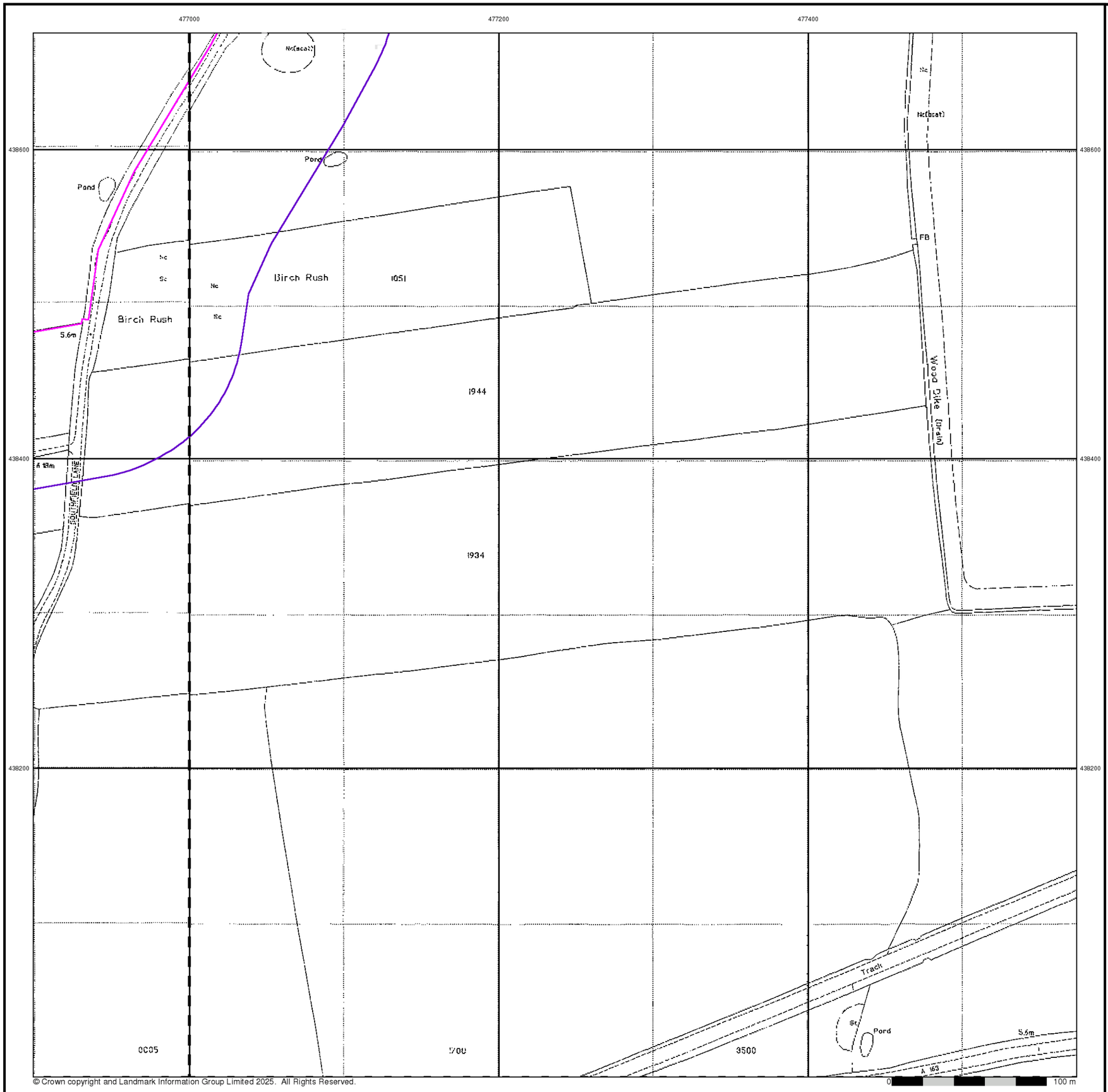


RSK

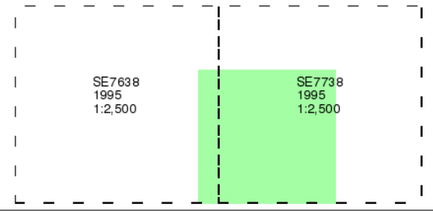
Large-Scale National Grid Data

Published 1995

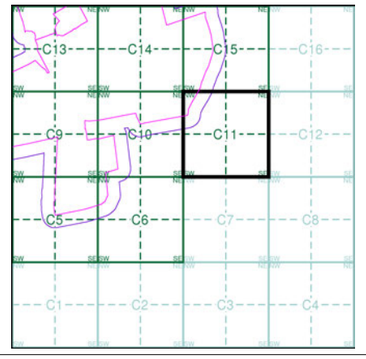
Source map scale - 1:2,500

'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic features such as vegetation. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment C11



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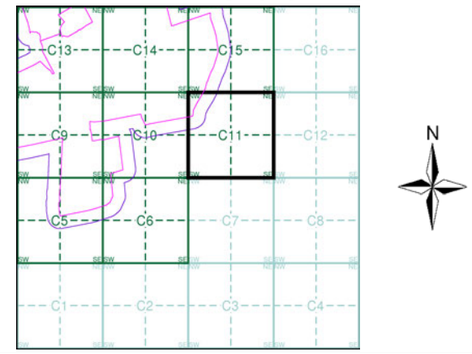
RSK

Historical Aerial Photography

Published 1999

This aerial photography was produced by Getmapping, these vertical aerial photographs provide a seamless, full colour survey of the whole of Great Britain

Historical Aerial Photography - Segment C11



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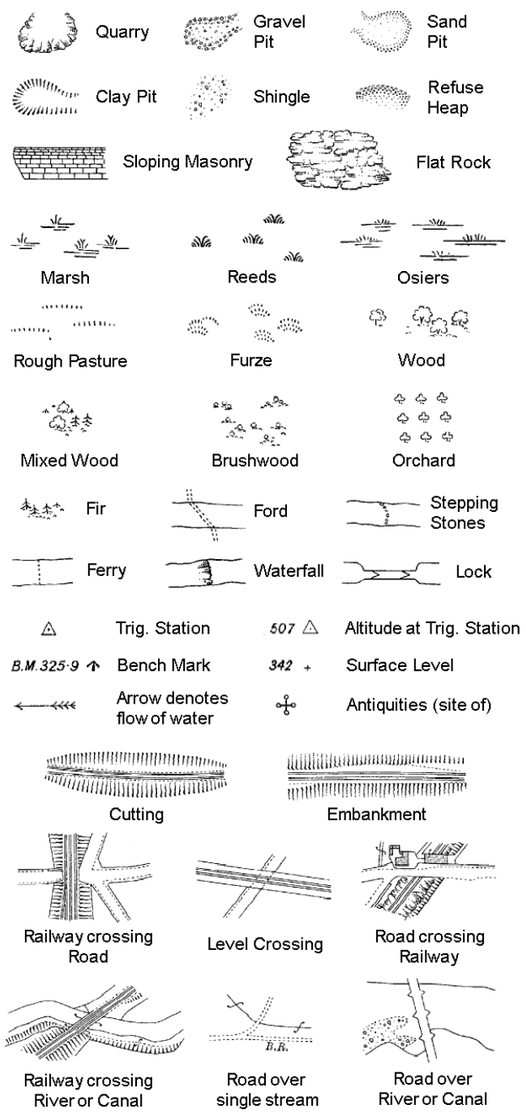
Historical Mapping Legends

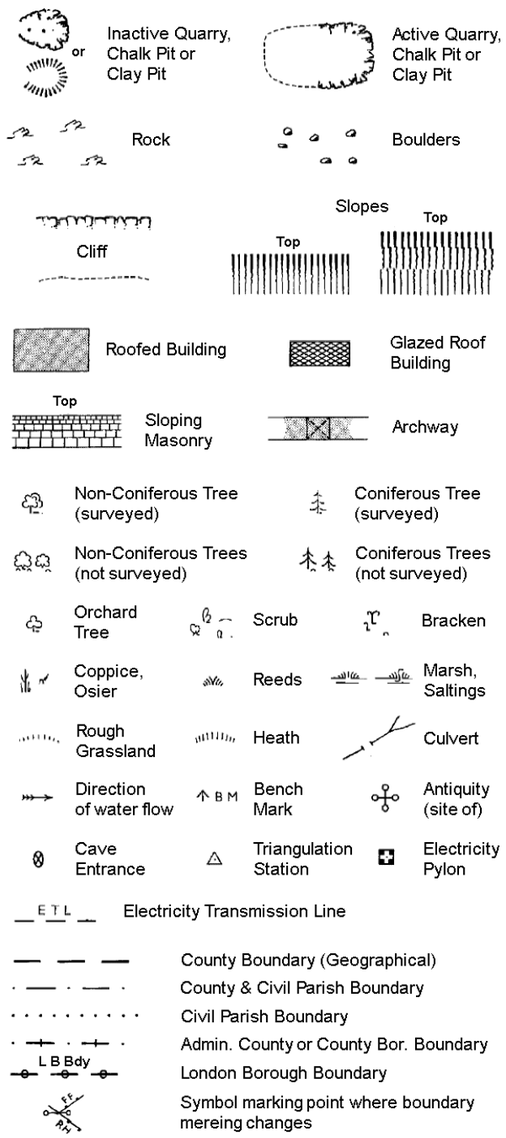
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
Co. Boro. Bdy. County Borough Boundary (England)
Co. Burgh Bdy. County Burgh Boundary (Scotland)

B.P B.S	Boundary Post or Stone	P.C.B	Police Call Box
B.R.	Bridle Road	P	Pump
E.P	Electricity Pylon	S.P	Signal Post
F.B.	Foot Bridge	St.	Sluice
F.P.	Foot Path	Sp.	Spring
G.P	Guide Post or Board	T.C.B	Telephone Call Box
M.S	Mile Stone	Tr.	Trough
M.P M.R	Mooring Post or Ring	W	Well

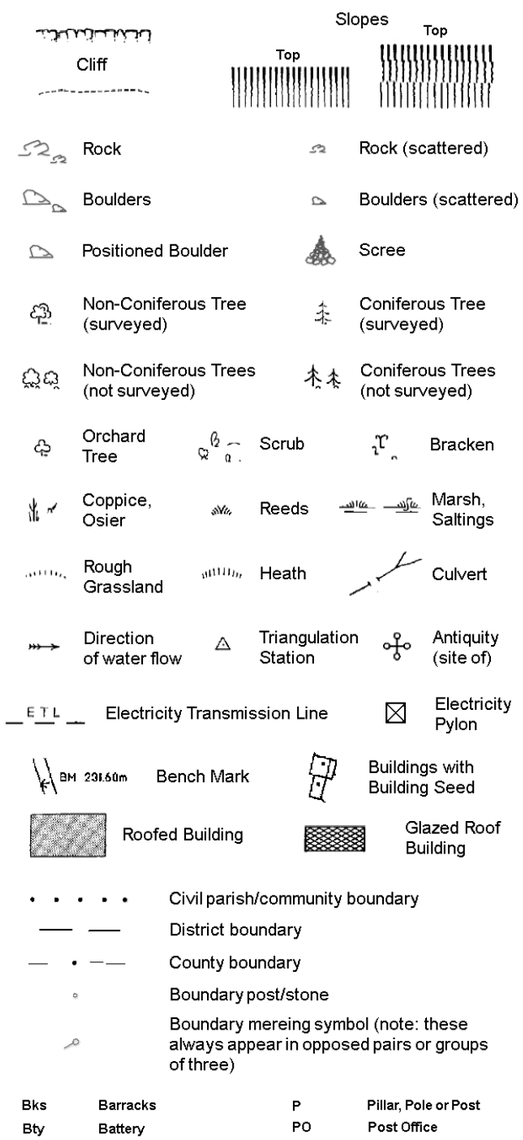
Ordnance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information 1:2,500 and 1:1,250



County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
L B Bdy London Borough Boundary
Symbol marking point where boundary mereing changes

BH	Beer House	P	Pillar, Pole or Post
BP, BS	Boundary Post or Stone	PO	Post Office
Cn, C	Capstan, Crane	PC	Public Convenience
Chy	Chimney	PH	Public House
D Fn	Drinking Fountain	Pp	Pump
El P	Electricity Pillar or Post	SB, S Br	Signal Box or Bridge
FAP	Fire Alarm Pillar	SP, SL	Signal Post or Light
FB	Foot Bridge	Spr	Spring
GP	Guide Post	Tk	Tank or Track
H	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	Wr Pt, Wr T	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

Large-Scale National Grid Data 1:2,500 and 1:1,250



Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)

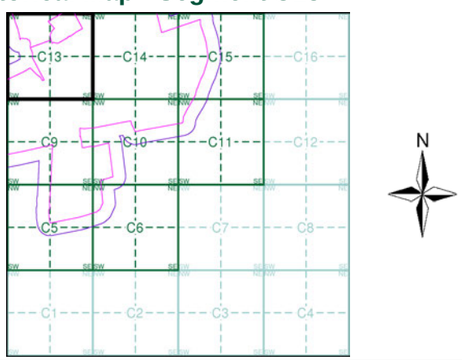
Bks	Barracks	P	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
El Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
El P	Electricity Pole, Pillar	SB, S Br	Signal Box or Bridge
El Sub Sta	Electricity Sub Station	SP, SL	Signal Post or Light
FB	Filter Bed	Spr	Spring
Fn / D Fn	Fountain / Drinking Ftn.	Tk	Tank or Track
Gas Gov	Gas Valve Compound	Tr	Trough
GVC	Gas Governer	Wd Pp	Wind Pump
GP	Guide Post	Wr Pt, Wr T	Water Point, Water Tap
MH	Manhole	Wks	Works (building or area)
MP, MS	Mile Post or Mile Stone	W	Well

RSK

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Yorkshire	1:2,500	1890	2
Yorkshire	1:2,500	1909	3
Ordnance Survey Plan	1:2,500	1973 - 1974	4
Large-Scale National Grid Data	1:2,500	1995	5
Historical Aerial Photography	1:2,500	1999	6

Historical Map - Segment C13



Order Details

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Customer Ref:	P02153163
National Grid Reference:	476650, 438220
Slice:	C
Site Area (Ha):	1888.5
Search Buffer (m):	100

Site Details

Mylen Leah

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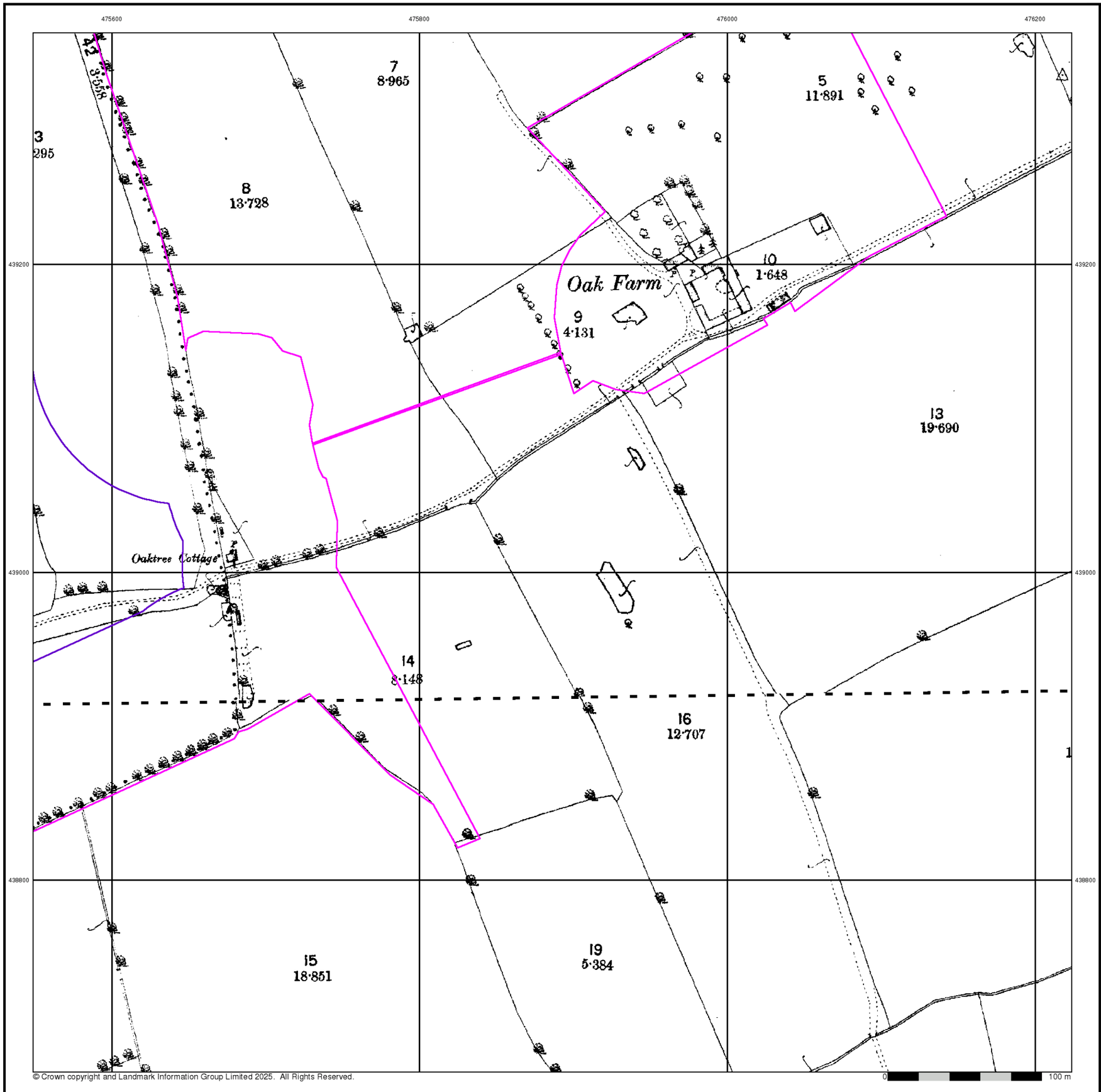

RSK

Yorkshire

Published 1890

Source map scale - 1:2,500

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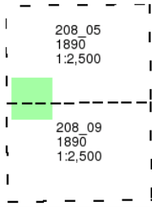
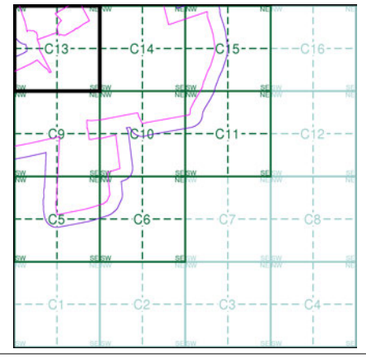


Historical Map - Segment C13



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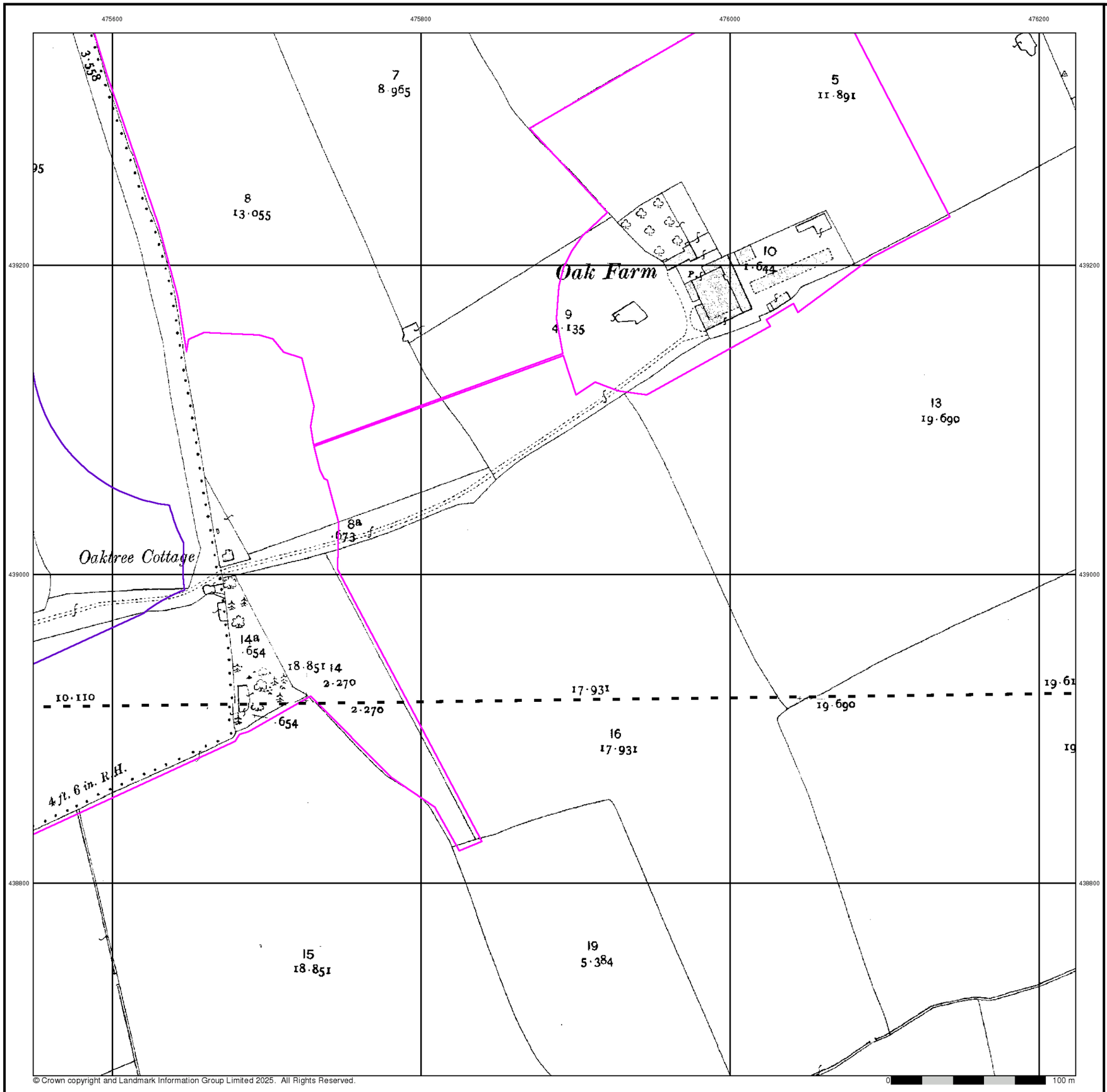

0 100 m

RSK

Yorkshire

Published 1909

Source map scale - 1:2,500

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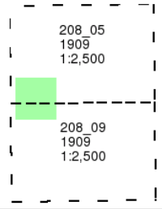
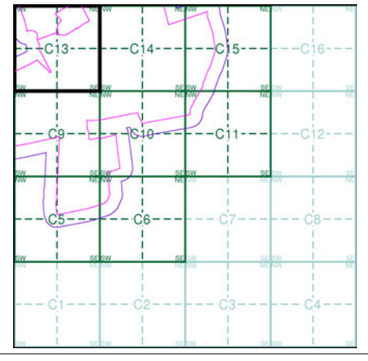


Historical Map - Segment C13



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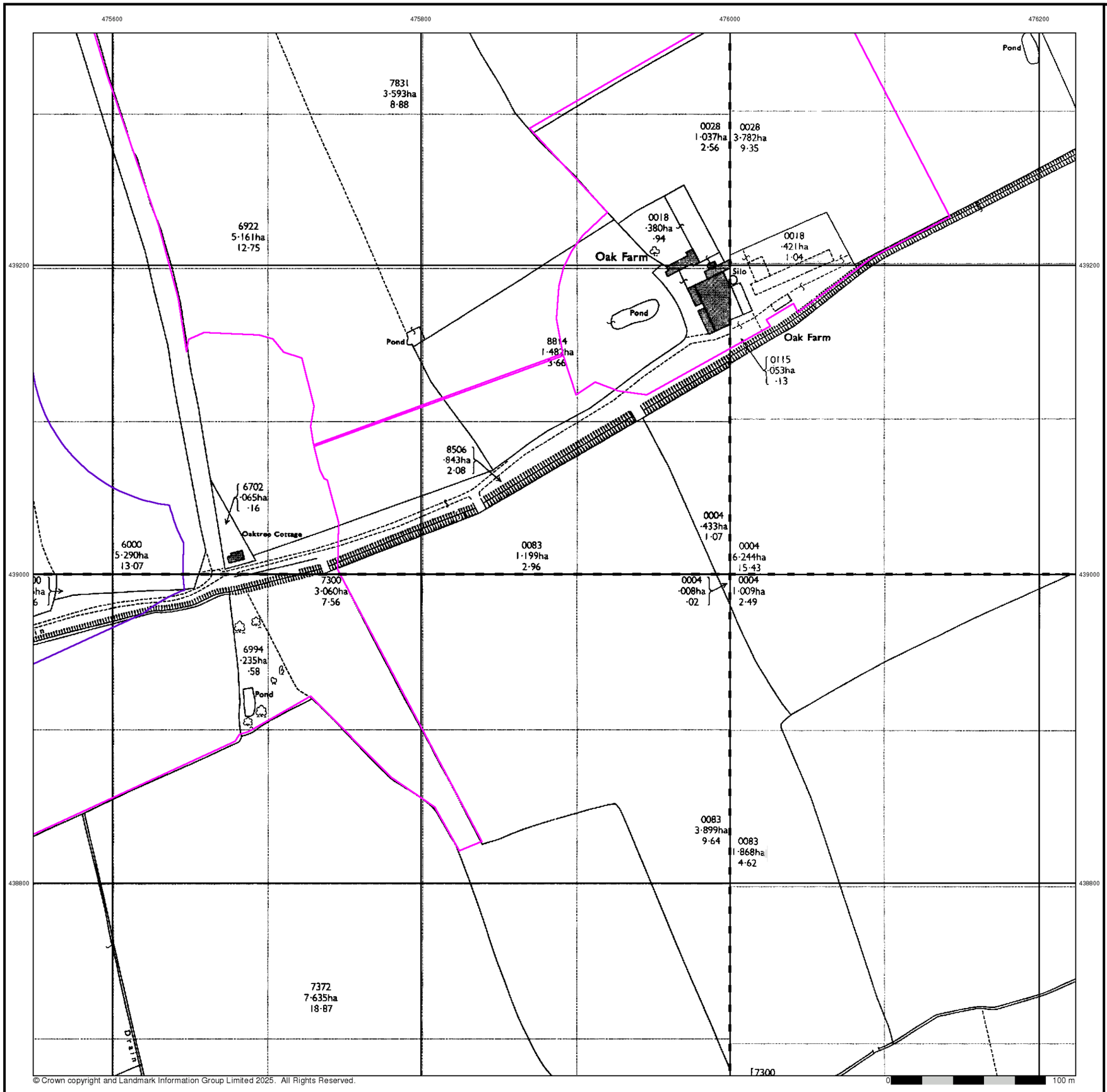

RSK

Ordnance Survey Plan

Published 1973 - 1974

Source map scale - 1:2,500

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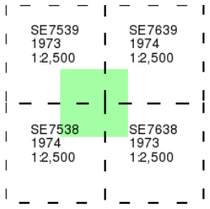
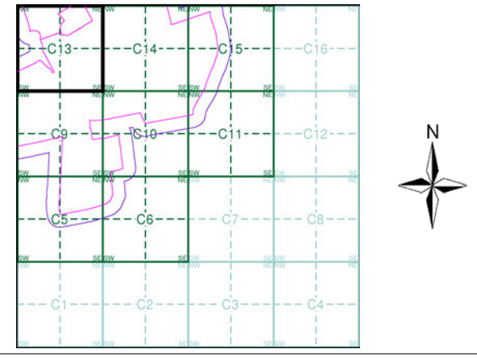


Historical Map - Segment C13



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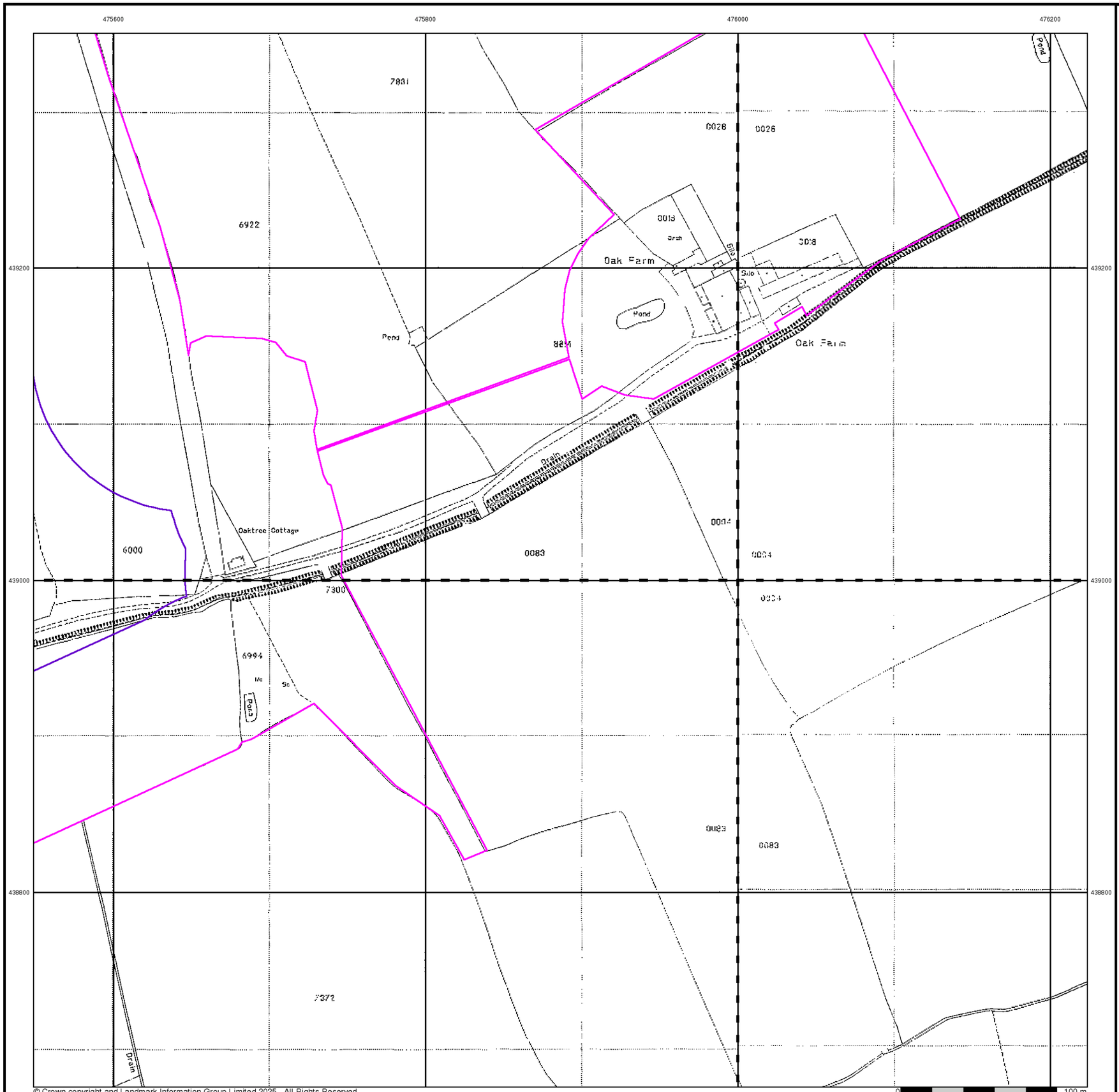


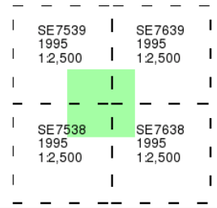
Large-Scale National Grid Data

Published 1995

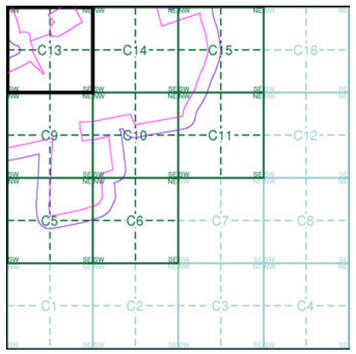
Source map scale - 1:2,500

'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic features such as vegetation. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment C13



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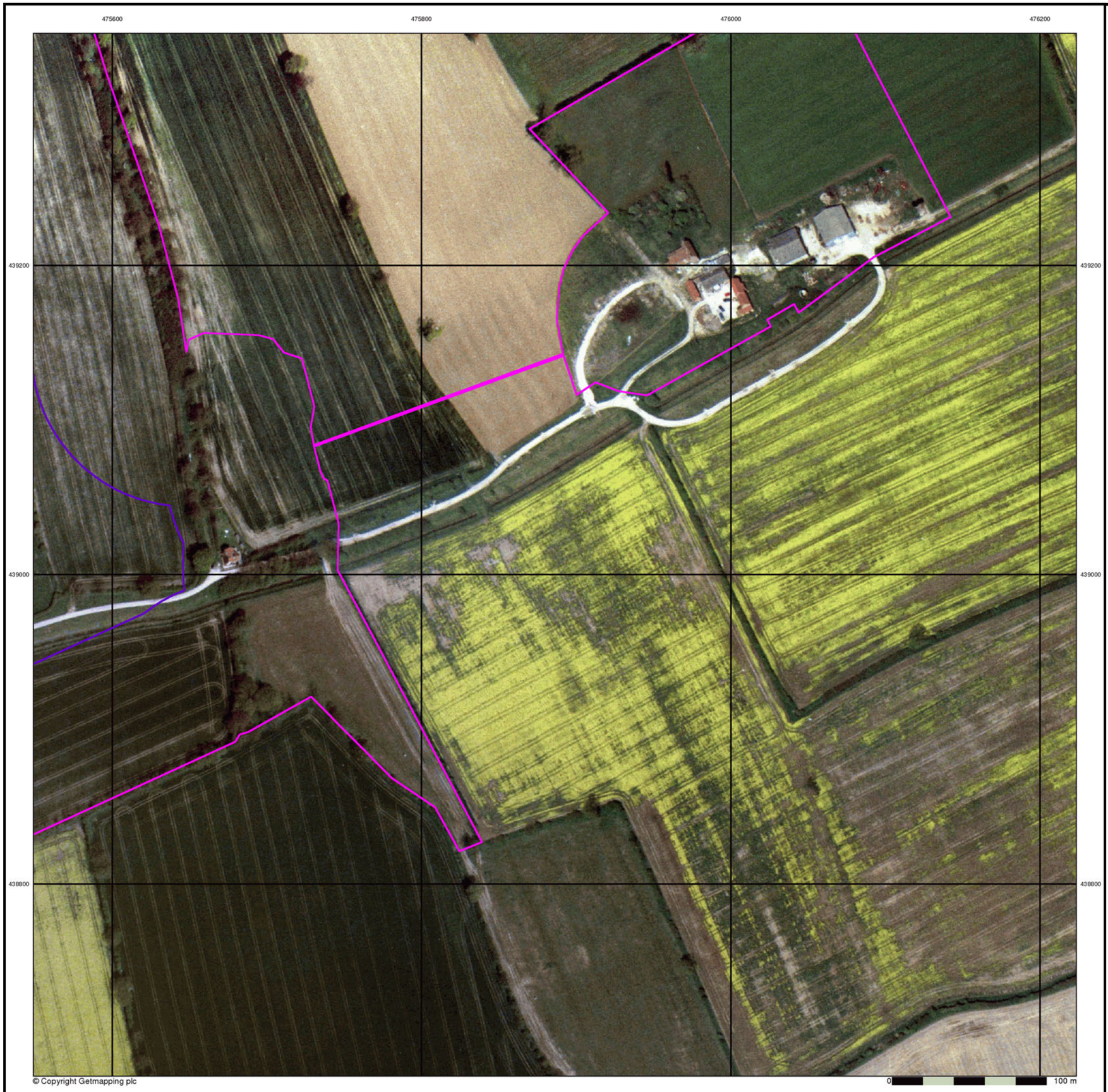
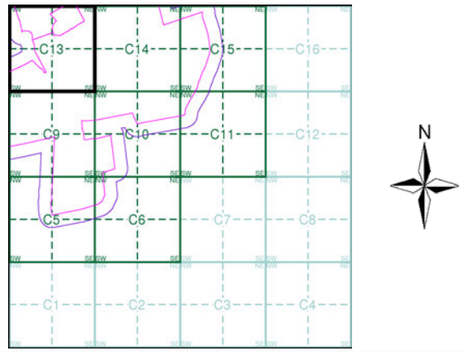


Historical Aerial Photography

Published 1999

This aerial photography was produced by Getmapping, these vertical aerial photographs provide a seamless, full colour survey of the whole of Great Britain

Historical Aerial Photography - Segment C13



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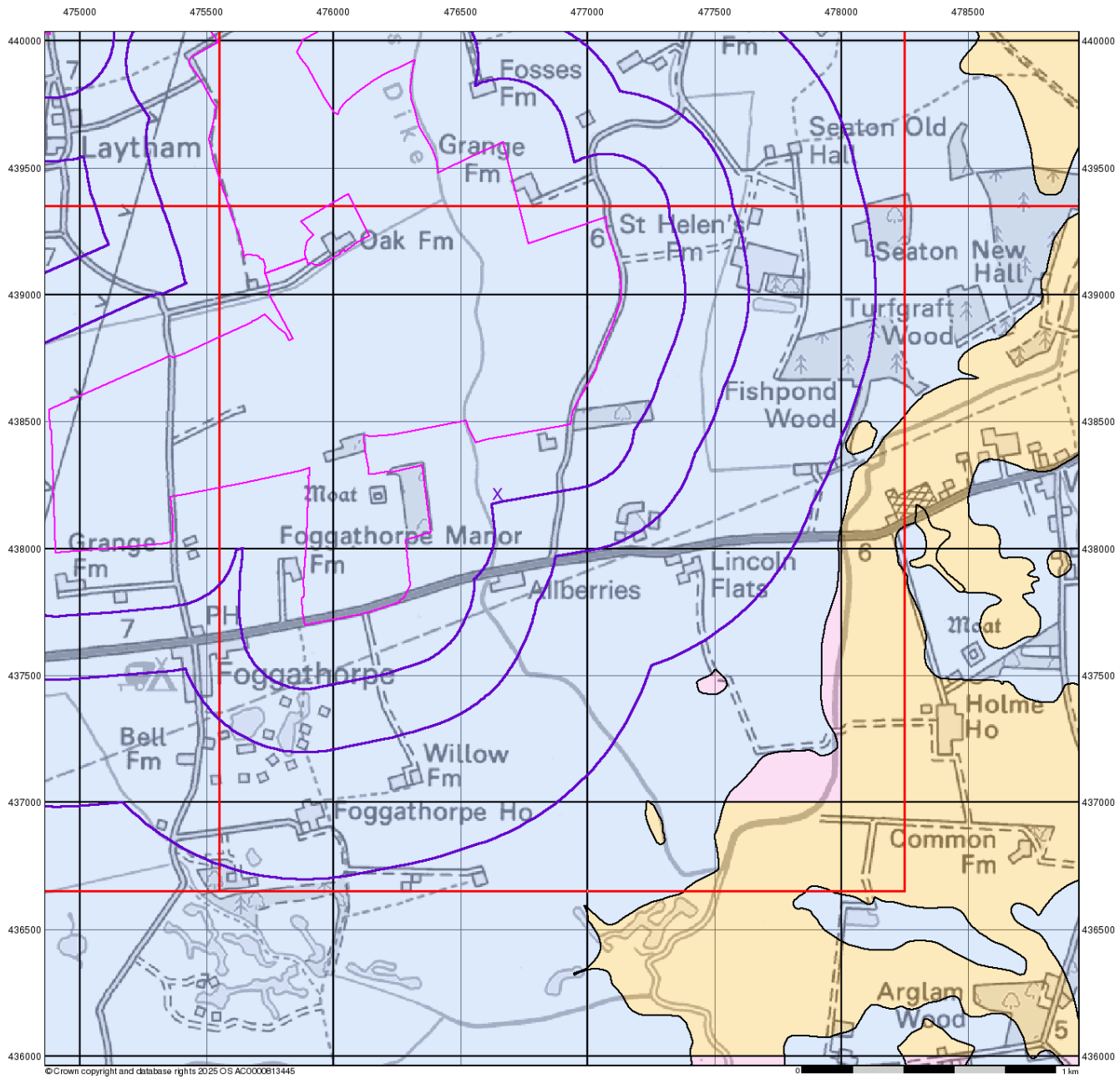
Search Buffer (m):	100

Site Details

Mylen Leah

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



Groundwater Vulnerability

General

Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

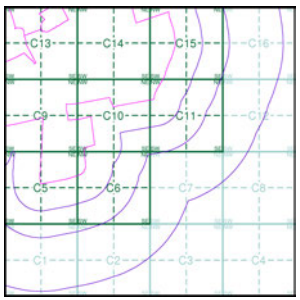
Agency and Hydrological

Bedrock Aquifers	Superficial Aquifers
High Vulnerability, Principal Aquifer	High Vulnerability, Principal Aquifer
High Vulnerability, Secondary Aquifer	High Vulnerability, Secondary Aquifer
Medium Vulnerability, Principal Aquifer	Medium Vulnerability, Principal Aquifer
Medium Vulnerability, Secondary Aquifer	Medium Vulnerability, Secondary Aquifer
Low Vulnerability, Principal Aquifer	Low Vulnerability, Principal Aquifer
Low Vulnerability, Secondary Aquifer	Low Vulnerability, Secondary Aquifer

Unproductive Aquifer

Soluble Rock

Site Sensitivity Context Map - Slice C



Order Details

Order Number:	370061200_1_1
Customer Ref:	P02153163
National Grid Reference:	476650, 438220
Slice:	C
Site Area (Ha):	1888.5
Search Buffer (m):	1000

Site Details

Mylen Leah

Landmark INFORMATION GROUP
Tel: 0844 844 9952
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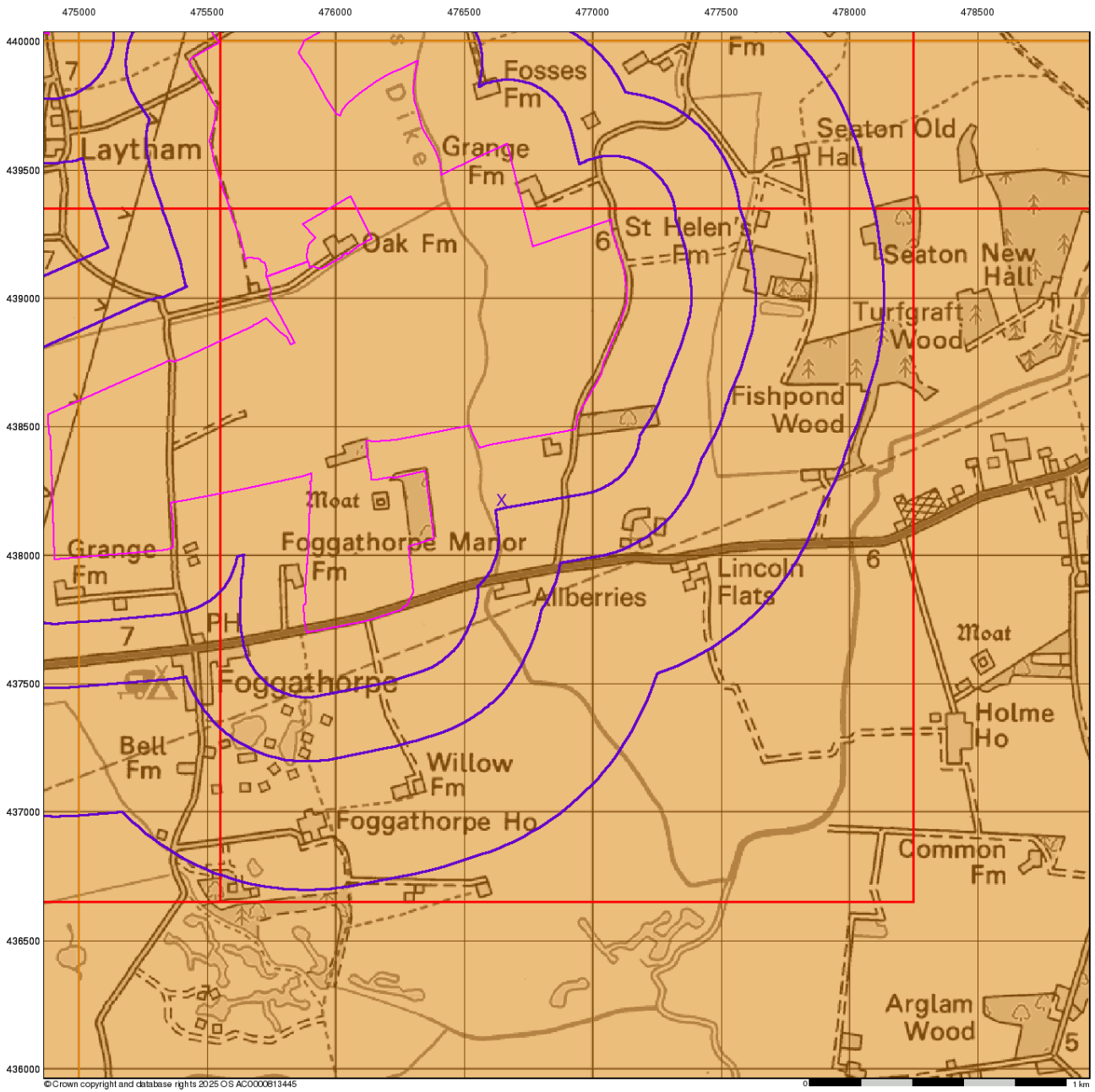
Web: www.envirocheck.co.uk



Bedrock Aquifer Designation

General

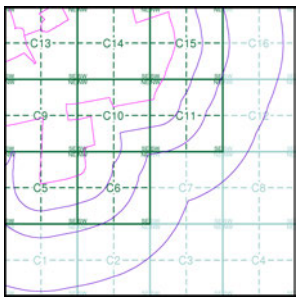
Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

Agency and Hydrological

Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown
- Unknown (Lakes and Landslip)

Site Sensitivity Context Map - Slice C



Order Details

Order Number:	370061200_1_1
Customer Ref:	P02153163
National Grid Reference:	476650, 438220
Slice:	C
Site Area (Ha):	1888.5
Search Buffer (m):	1000

Site Details

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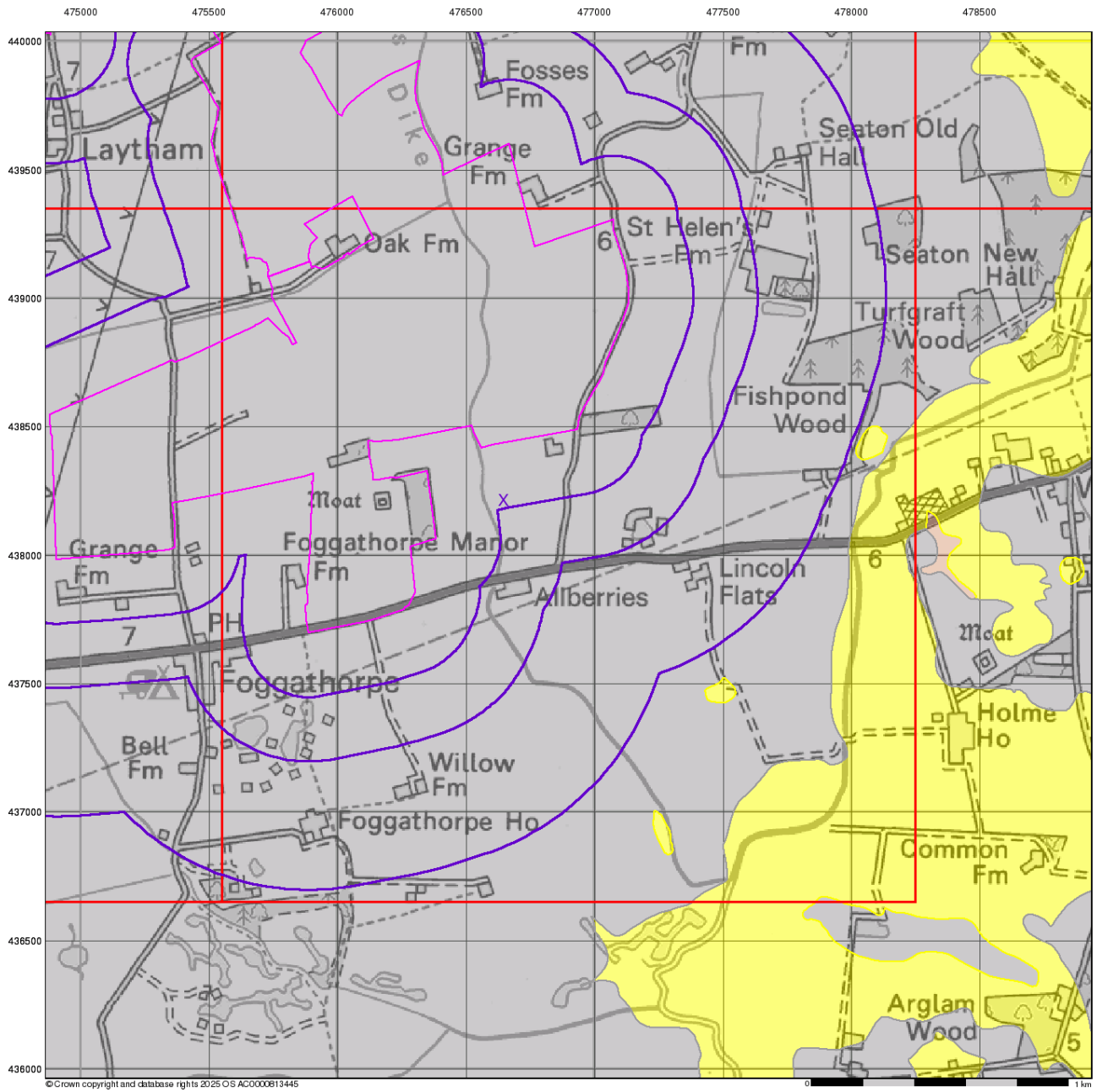


Superficial Aquifer Designation

General

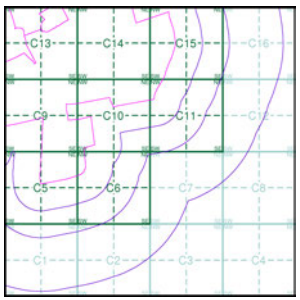
Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

Agency and Hydrological

Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown
- Unknown (Lakes and Landslip)

Site Sensitivity Context Map - Slice C



Order Details

Order Number:	370061200_1_1
Customer Ref:	P02153163
National Grid Reference:	476650, 438220
Slice:	C
Site Area (Ha):	1888.5
Search Buffer (m):	1000

Site Details

Mylen Leah

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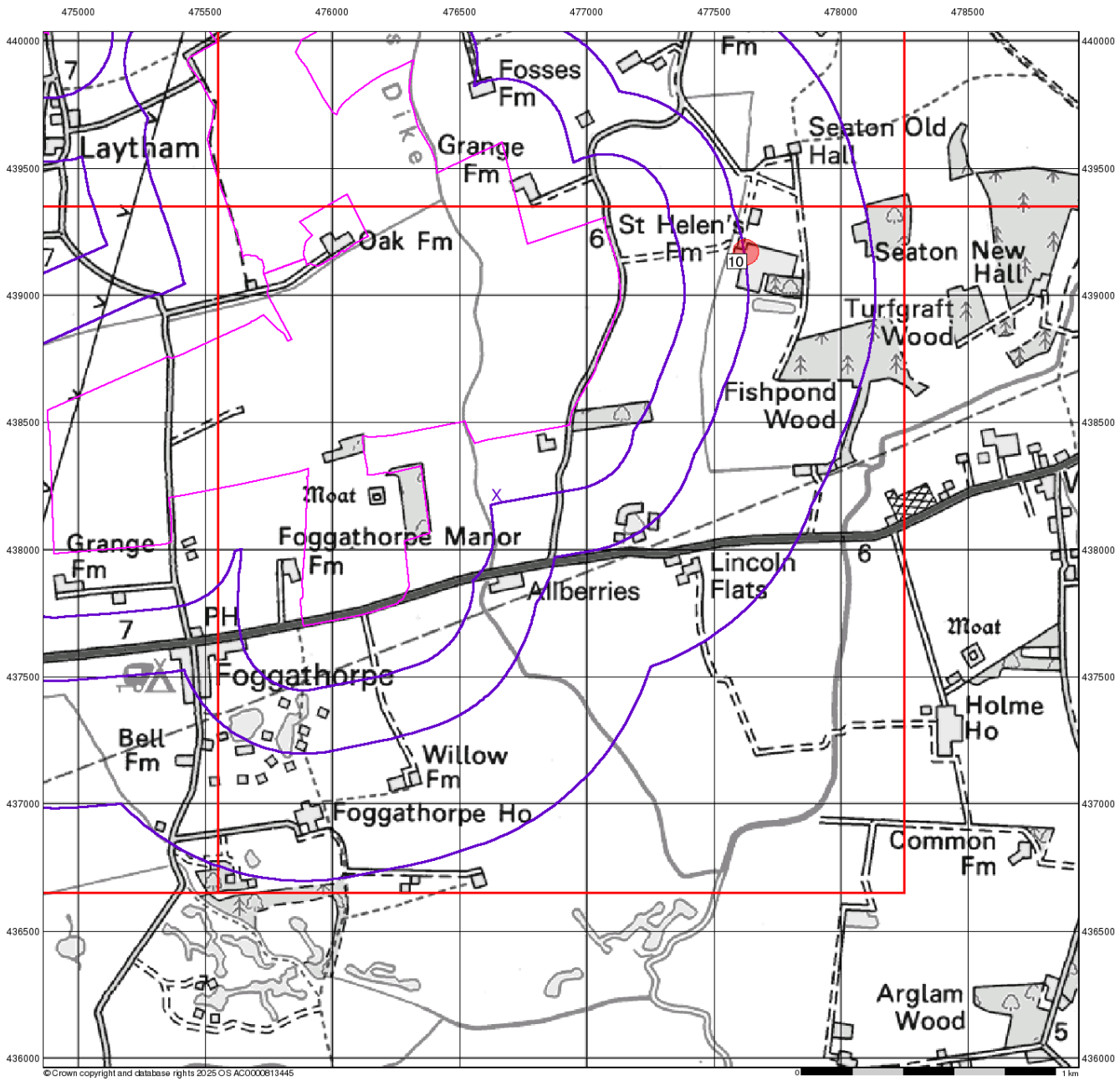
Web: www.envirocheck.co.uk



Source Protection Zones

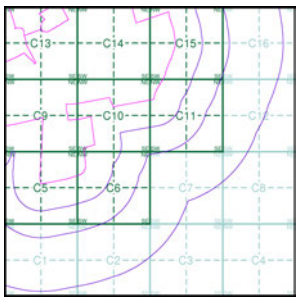
General

Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

Agency and Hydrological

- Inner zone (Zone 1)
- Inner zone - subsurface activity only (Zone 1c)
- Outer zone (Zone 2)
- Outer zone - subsurface activity only (Zone 2c)
- Total catchment (Zone 3)
- Total catchment - subsurface activity only (Zone 3c)
- Special interest (Zone 4)

Site Sensitivity Context Map - Slice C



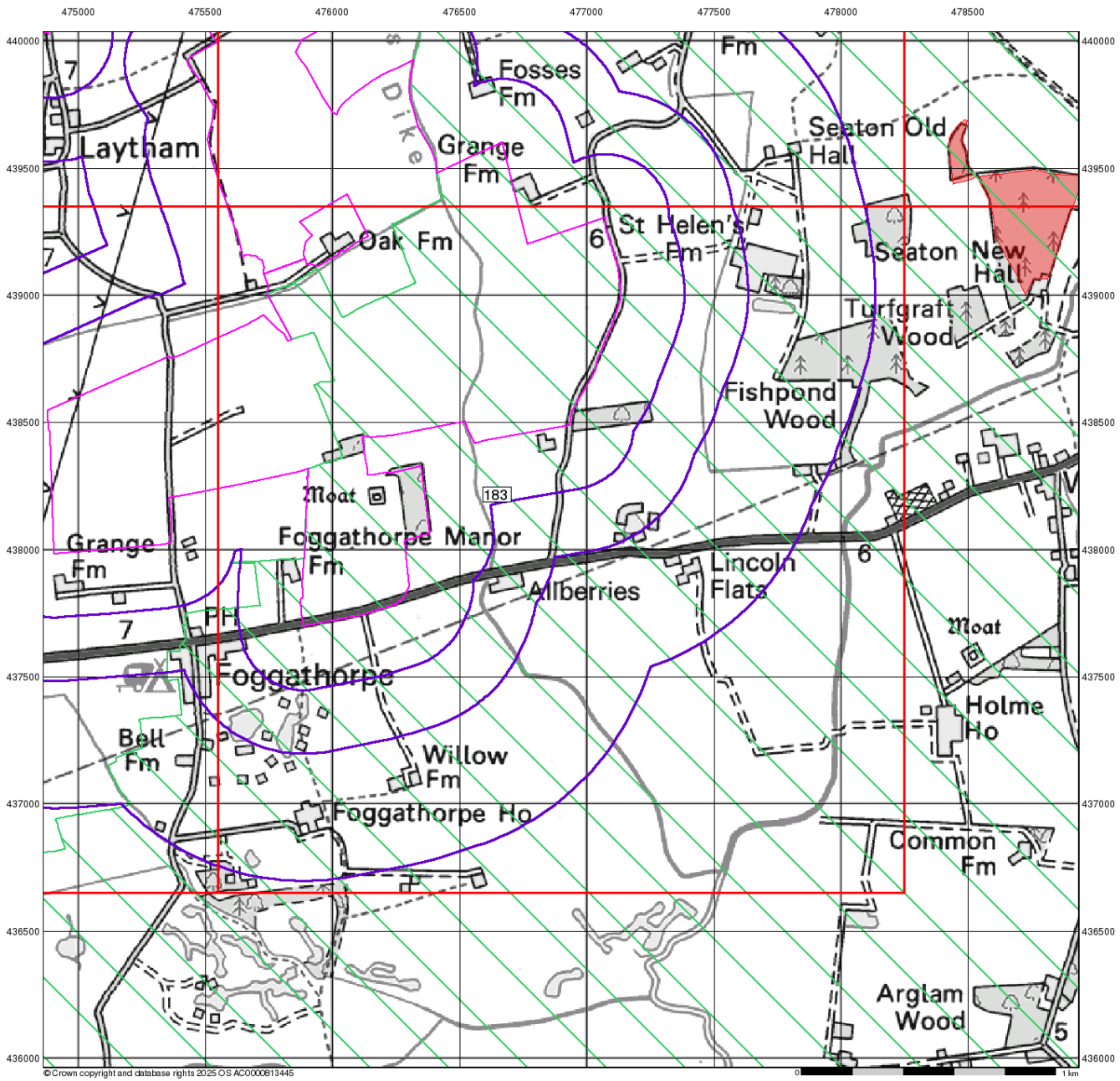
Order Details

Order Number:	370061200_1_1
Customer Ref:	P02153163
National Grid Reference:	476650, 438220
Slice:	C
Site Area (Ha):	1888.5
Search Buffer (m):	1000

Site Details

Mylen Leah

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



Sensitive Land Uses

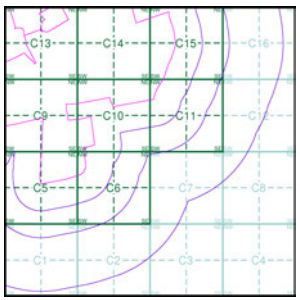
General

Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

Sensitive Land Uses

- Ancient Woodland
- Area of Adopted Green Belt
- Area of Unadopted Green Belt
- Area of Outstanding Natural Beauty
- Environmentally Sensitive Area
- Forest Park
- Local Nature Reserve
- Marine Nature Reserve
- National Nature Reserve
- National Park
- Nitrate Sensitive Area
- Nitrate Vulnerable Zone
- Ramsar Site
- Site of Special Scientific Interest
- Special Area of Conservation
- Special Protection Area
- World Heritage Sites

Site Sensitivity Context Map - Slice C



Order Details

Order Number:	370061200_1_1
Customer Ref:	P02153163
National Grid Reference:	476650, 438220
Slice:	C
Site Area (Ha):	1888.5
Search Buffer (m):	1000

Site Details

Mylen Leah

Landmark INFORMATION GROUP
Tel: 0844 844 9952
Fax: 0844 844 9951
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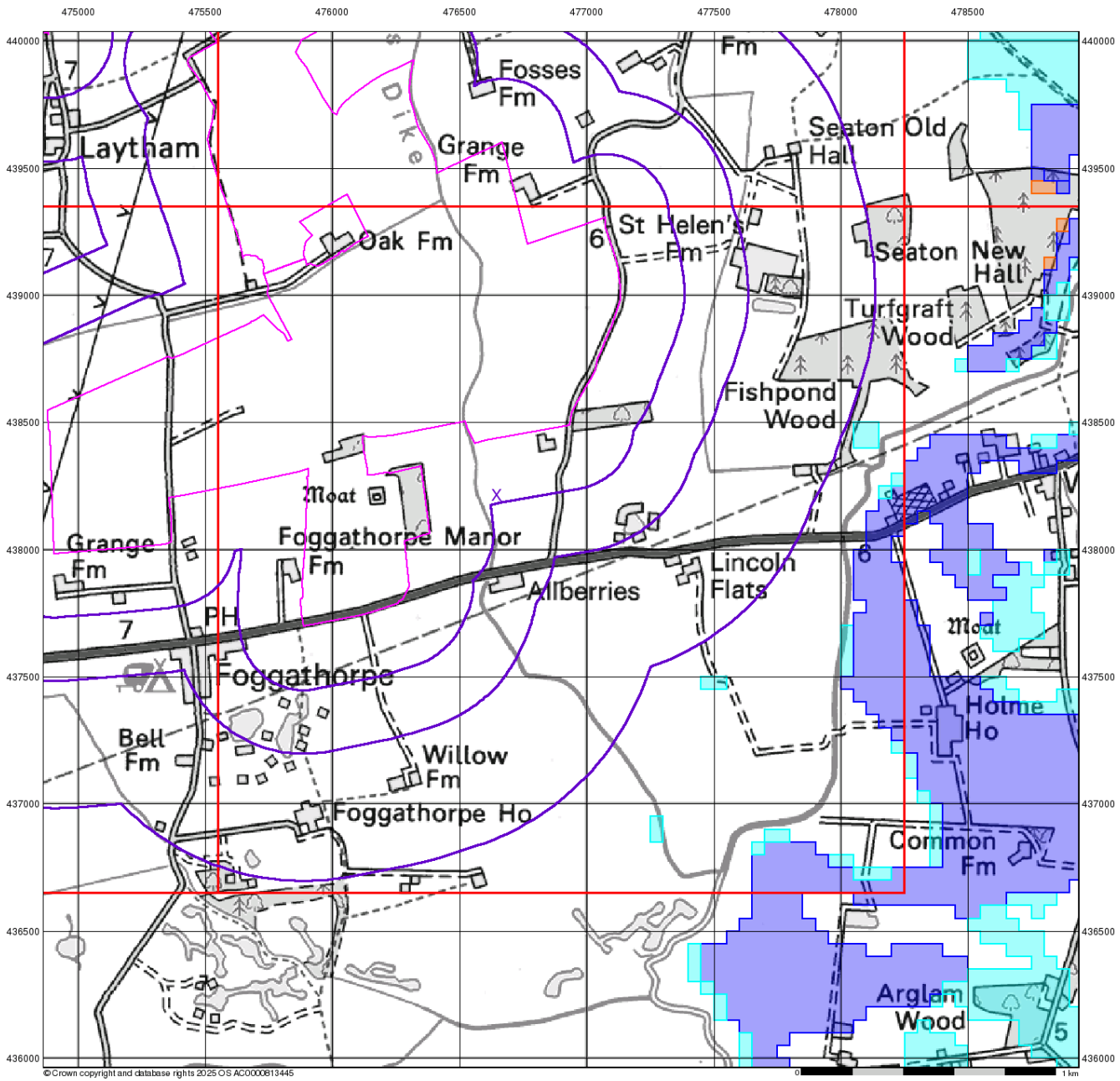


RSK

BGS Flood GFS Data

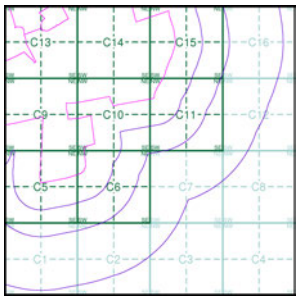
General

Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice

Agency and Hydrological (Flood)

- Limited Potential for Groundwater Flooding to Occur
- Potential for Groundwater Flooding of Property Situated Below Ground Level
- Potential for Groundwater Flooding to Occur at Surface

Site Sensitivity Context Map - Slice C



Order Details

Order Number:	370061200_1_1
Customer Ref:	P02153163
National Grid Reference:	476650, 438220
Slice:	C
Site Area (Ha):	1888.5
Search Buffer (m):	1000

Site Details

Mylen Leah

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

Envirocheck® Report:

Datasheet

Order Details:

Order Number:
370061200_1_1

Customer Reference:
P02153163

National Grid Reference:
476650, 438220

Slice:
C

Site Area (Ha):
1888.5

Search Buffer (m):
1000

Site Details:
Mylen Leah

Client Details:
Mr G Jones
RSK Environment Ltd
Spring Lodge
172 Chester Road
Helsby
Cheshire
WA6 0AR

Contents

Introduction

The Environment Act 1995 has made site sensitivity a key issue, as the legislation pays as much attention to the pathways by which contamination could spread, and to the vulnerable targets of contamination, as it does the potential sources of contamination.
For this reason, Landmark's Site Sensitivity maps and Datasheet(s) place great emphasis on statutory data provided by the Environment Agency/Natural Resources Wales and the Scottish Environment Protection Agency; it also incorporates data from Natural England (and the Scottish and Welsh equivalents) and Local Authorities; and highlights hydrogeological features required by environmental and geotechnical consultants. It does not include any information concerning past uses of land. The datasheet is produced by querying the Landmark database to a distance defined by the client from a site boundary provided by the client.
In this datasheet the National Grid References (NGRs) are rounded to the nearest 10m in accordance with Landmark's agreements with a number of Data Suppliers.

Report Version v53.0

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility					n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1	1	1		7
Prosecutions					
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls					
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature		Yes			
Pollution Incidents to Controlled Waters	pg 3				1
Historical Prosecutions					
Registered Radioactive Substances					
Substantiated Pollution Incident Register					
Water Abstractions	pg 3			3	5 (*9)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 7	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a	n/a	n/a
Groundwater Vulnerability - Local Information			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 11	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 11	Yes	n/a	n/a	n/a
Source Protection Zones	pg 11			1	
Extreme Flooding from Rivers or Sea without Defences	pg 11	Yes		n/a	n/a
Flooding from Rivers or Sea without Defences	pg 11	Yes		n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 12	35	10	36	76
Water Framework Directive - Catchment	pg 29	Yes			
Water Framework Directive - Groundwater	pg 29	Yes			
Water Framework Directive - Surface Waters					

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites					
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Landfill Coverage	pg 30	1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 30			1	
Potentially Infilled Land (Water)	pg 30	2	1	1	3
Registered Landfill Sites					
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 31	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 31	Yes			Yes
BGS Recorded Mineral Sites	pg 31			1	1
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 31	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 31	Yes		n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 32	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 32	Yes		n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 32	Yes		n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 33		1	1	2
Fuel Station Entries					
Points of Interest - Commercial Services					
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 33			1	3
Points of Interest - Public Infrastructure					
Points of Interest - Recreational and Environmental					
Underground Electrical Cables					

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland					
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones	pg 34	1			
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	**Discharge Consents** Operator: Mrs D Nott Property Type: FARMS (NOT HOUSE)/CROP + ANIMAL REARING/PLANT NURSERY Location: Oak Farm, Laytham, York, Uk Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: Wra7760 Permit Version: 1 Effective Date: 26th November 2001 Issued Date: 26th November 2001 Revocation Date: 9th January 2002 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Moor Dyke **Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	C13NE (NW)	0	2	475940 439100
2	**Discharge Consents** Operator: Yorkshire Water Services Ltd Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: Farm House & Manor Barns Manor Farm, Main Road, Foggathorpe, Holme-On-Spalding-Moor Authority: Environment Agency, North East Region Catchment Area: River Foulness and East Beck Reference: Wra9280 Permit Version: 1 Effective Date: 30th October 2007 Issued Date: 30th October 2007 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Unnamed Tributary Of Moor Dike **Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	C5NW (W)	88	2	475800 437960
3	**Discharge Consents** Operator: St. Helens Farm Property Type: FARMS (NOT HOUSE)/CROP + ANIMAL REARING/PLANT NURSERY Location: St.Helens Farm, Holme-On-Spalding Moor, Market Weighton, East Riding Of Yorkshire Authority: Environment Agency, North East Region Catchment Area: River Foulness and East Beck Reference: Wra7154 Permit Version: 1 Effective Date: 24th May 1995 Issued Date: 24th May 1995 Revocation Date: 1st October 1996 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Wood Dyke Via Land Drain **Status: Lapsed (under Environment Act 1995, Schedule 23)** Positional Accuracy: Located by supplier to within 100m	C16NW (NE)	549	2	477640 439300
4	**Discharge Consents** Operator: Mrs Leak Property Type: Mixed Farming Location: Willow Farm , FOGGATHORPE, East Yorkshire Authority: Environment Agency, North East Region Catchment Area: Hull Reference: H8 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Sewage Effluent Discharge Environment: Unknown Receiving Water: Un-Clear **Status: Not Supplied** Positional Accuracy: Located by supplier to within 100m	C2NW (S)	635	2	476350 437150

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	**Discharge Consents** Operator: Willow Farm Property Type: FARMS (NOT HOUSE)/CROP + ANIMAL REARING/PLANT NURSERY Location: Willow Farm Foggathorpe, -, -, East Yorkshire, Yo8 6pz Authority: Environment Agency, North East Region Catchment Area: Ouse Reference: H8 Permit Version: 1 Effective Date: 1st April 1954 Issued Date: 1st April 1954 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Ouse **Status: Transferred from Rivers (Prevention of Pollution) Act 1951-1961** Positional Accuracy: Located by supplier to within 10m	C2NW (S)	668	2	476300 437101
6	**Discharge Consents** Operator: Lawrence Beaumont Hayes Property Type: Undefined Or Other Location: Barn Number 4, Hall Lane, Foggathorpe, Selby Authority: Environment Agency, North East Region Catchment Area: River Foulness and East Beck Reference: Wra7203 Permit Version: 1 Effective Date: 14th February 1996 Issued Date: 14th February 1996 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Unnamed Trib Of River Foulness **Status: New Consent, by Application (Water Resources Act 1991, Section 88)** Positional Accuracy: Located by supplier to within 100m	C1NE (SW)	698	2	475900 437000
7	**Discharge Consents** Operator: Mr P.Maude/Mrs R.Hallisey/Mr G.Speight/Mrs S.Reddy Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: Barns 1,2,3 And 5 Foggathorpe House, Bell Lane, Foggathorpe, York, Yo8 7px Authority: Environment Agency, North East Region Catchment Area: River Foulness and East Beck Reference: Wra7202 Permit Version: 1 Effective Date: 14th February 1996 Issued Date: 14th February 1996 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: A Tributary Of The R.Foulness **Status: New Consent, by Application (Water Resources Act 1991, Section 88)** Positional Accuracy: Located by supplier to within 100m	C1SE (SW)	798	2	475900 436900
7	**Discharge Consents** Operator: Maureen Ann Webb Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: The Shippon, The Mistal & Old Byre, Foggathorpe, Selby, East Yorkshire Authority: Environment Agency, North East Region Catchment Area: River Foulness and East Beck Reference: Wra8881 Permit Version: 2 Effective Date: 26th July 2012 Issued Date: 26th July 2012 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Land/Soakaway Receiving Water: Groundwater Via Soakaway **Status: Varied under EPR 2010** Positional Accuracy: Located by supplier to within 10m	C1SE (SW)	799	2	475920 436900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	**Discharge Consents** Operator: Maureen Ann Webb Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: The Shippon, The Mistal & Old Byre, Foggathorpe, Selby, East Yorkshire Authority: Environment Agency, North East Region Catchment Area: River Foulness and East Beck Reference: Wra8881 Permit Version: 1 Effective Date: 23rd November 2005 Issued Date: 23rd November 2005 Revocation Date: 25th July 2012 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Land/Soakaway Receiving Water: Groundwater Via Soakaway **Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	C1SE (SW)	799	2	475920 436900
	Nearest Surface Water Feature	C5NW (SW)	0	-	475880 437881
8	**Pollution Incidents to Controlled Waters** Property Type: Water Company Sewage: Sewage Treatment Works Location: Welham Bridge /A163 Bridge Foulness 02 Authority: Environment Agency, North East Region Pollutant: Unknown Sewage Note: Not Supplied Incident Date: 5th February 1991 Incident Reference: 119687 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	C7NE (SE)	752	2	477400 437900
9	**Water Abstractions** Operator: A & K Wielkopolski Licence Number: Ne/026/0034/002 Permit Version: 1 Location: Borehole - Sherwood Sandstone - St Helens Farm - Seaton Ross Authority: Environment Agency, North East Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: St Helens Farm, Seaton Ross, York Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 7th January 2010 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	C16NW (NE)	481	2	477600 439160
9	**Water Abstractions** Operator: A & K Wielkopolski Licence Number: 2/26/34/150 Permit Version: 1 Location: Borehole - Sherwood Sandstone - St Helens Farm - Seaton Ross Authority: Environment Agency, North East Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: St Helens Farm, Seaton Ross, York Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 2nd September 1999 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	C16NW (NE)	481	2	477600 439160

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	**Water Abstractions** Operator: A & K Wielkopolski Licence Number: 2/26/34/150 Permit Version: 1 Location: Borehole - Sherwood Sandstone - St Helens Farm - Seaton Ross Authority: Environment Agency, North East Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: St Helens Farm, Seaton Ross, York Authorised Start: 01 March Authorised End: 31 October Permit Start Date: 2nd September 1999 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	C16NW (NE)	481	2	477600 439160
9	**Water Abstractions** Operator: St Helen'S Farm Ltd Licence Number: Ne/026/0034/032 Permit Version: 3 Location: Borehole - Sherwood Sandstone - St Helens Farm - Seaton Ross Authority: Environment Agency, North East Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: St Helens Farm, Seaton Ross, York Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 26th April 2022 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	C16NW (NE)	507	2	477624 439171
9	**Water Abstractions** Operator: Kavli Uk Ltd Licence Number: Ne/026/0034/032 Permit Version: 2 Location: Borehole - Sherwood Sandstone - St Helens Farm - Seaton Ross Authority: Environment Agency, North East Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: St Helens Farm, Seaton Ross, York Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2021 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	C16NW (NE)	507	2	477624 439171
9	**Water Abstractions** Operator: Yorkshire Dairy Goats Licence Number: Ne/026/0034/031 Permit Version: 2 Location: Borehole - Sherwood Sandstone - St Helens Farm - Seaton Ross Authority: Environment Agency, North East Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: St Helens Farm, Seaton Ross, York Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2021 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	C16NW (NE)	507	2	477624 439171

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	**Water Abstractions** Operator: A & K Wielkopolski Licence Number: Ne/026/0034/031 Permit Version: 1 Location: Borehole - Sherwood Sandstone - St Helens Farm - Seaton Ross Authority: Environment Agency, North East Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: St Helens Farm, Seaton Ross, York Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 20th September 2013 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	C16NW (NE)	507	2	477624 439171
9	**Water Abstractions** Operator: Kavli Uk Ltd Licence Number: Ne/026/0034/032 Permit Version: 1 Location: Borehole - Sherwood Sandstone - St Helens Farm - Seaton Ross Authority: Environment Agency, North East Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: St Helens Farm, Seaton Ross, York Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 20th September 2013 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	C16NW (NE)	507	2	477624 439171
	Water Abstractions Operator: K K Huddleston & Sons Ltd Licence Number: 2/26/34/132 Permit Version: 100 Location: Old Course Of River Foulness Authority: Environment Agency, North East Region Abstraction: General Agriculture: Spray Irrigation - Storage Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 227 Yearly Rate (m3): 6800 Details: Marlpit Farm Authorised Start: 01 November Authorised End: 31 March Permit Start Date: 1st April 2021 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(E)	1476	2	478530 438510
	Water Abstractions Operator: P M & P M Rhodes Licence Number: 2/26/34/083 Permit Version: 100 Location: River Foulness Authority: Environment Agency, North East Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): 0 Yearly Rate (m3): 0 Details: Holme House,Holme On Spalding Moor,York Authorised Start: 01 May Authorised End: 30 September Permit Start Date: 27th March 1997 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	C4NW (SE)	1612	2	477900 437200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: P M & P M Rhodes Licence Number: 2/26/34/083 Permit Version: 102 Location: River Foulness-Holme House-Holme On Spalding Moor Authority: Environment Agency, North East Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Holme House,Holme On Spalding Moor,York Authorised Start: 01 May Authorised End: 30 September Permit Start Date: 1st May 2007 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	C4NE (SE)	1644	2	477990 437230
	Water Abstractions Operator: P M & P M Rhodes Licence Number: 2/26/34/083 Permit Version: 101 Location: River Foulness-Holme House-Holme On Spalding Moor Authority: Environment Agency, North East Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Holme House,Holme On Spalding Moor,York Authorised Start: 01 May Authorised End: 30 September Permit Start Date: 24th July 2006 Permit End Date: 30th April 2007 Positional Accuracy: Located by supplier to within 10m	C4NE (SE)	1644	2	477990 437230
	Water Abstractions Operator: P M & P M Rhodes Licence Number: 2/26/34/083 Permit Version: 103 Location: River Foulness-Holme House-Holme On Spalding Moor Authority: Environment Agency, North East Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Holme House,Holme On Spalding Moor,York Authorised Start: 01 May Authorised End: 30 September Permit Start Date: 1st April 2013 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	C4NE (SE)	1652	2	477990 437220
	Water Abstractions Operator: P M & P M Rhodes Licence Number: 2/26/34/083 Permit Version: 103 Location: River Foulness-Holme House--Holme On Spalding Moor Authority: Environment Agency, North East Region Abstraction: General Agriculture: Spray Irrigation - Storage Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Holme House,Holme On Spalding Moor,York Authorised Start: 01 November Authorised End: 31 March Permit Start Date: 1st April 2013 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	C3SE (SE)	1670	2	477527 436695

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: P M & P M Rhodes Licence Number: 2/26/34/083 Permit Version: 102 Location: River Foulness-Holme House--Holme On Spalding Moor Authority: Environment Agency, North East Region Abstraction: General Agriculture: Spray Irrigation - Storage Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 November Authorised End: 31 March Permit Start Date: 1st May 2007 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(SE)	1708	2	477500 436610
	Water Abstractions Operator: P M & P M Rhodes Licence Number: 2/26/34/083 Permit Version: 101 Location: River Foulness-Holme House--Holme On Spalding Moor Authority: Environment Agency, North East Region Abstraction: General Agriculture: Spray Irrigation - Storage Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 November Authorised End: 31 March Permit Start Date: 24th July 2006 Permit End Date: 30th April 2007 Positional Accuracy: Located by supplier to within 10m	(SE)	1708	2	477500 436610
	Water Abstractions Operator: P M & P M Rhodes Licence Number: 2/26/34/083 Permit Version: 100 Location: Reservoir - Holme On Spalding Moor Authority: Environment Agency, North East Region Abstraction: General Agriculture: Spray Irrigation - Storage Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Reservoir Authorised Start: 01 November Authorised End: 31 March Permit Start Date: 27th March 1997 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(SE)	1715	2	477500 436600
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability Combined Vulnerability: Low Combined Aquifer: Productive Bedrock Aquifer, Unproductive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: >90% Superficial Thickness: >10m Superficial Recharge: Low	(W)	0	3	475000 438000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability Combined Vulnerability: Low Combined Aquifer: Productive Bedrock Aquifer, Unproductive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: >90% Superficial Thickness: >10m Superficial Recharge: Low	C5NE (W)	0	3	476000 438000
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability Combined Vulnerability: Low Combined Aquifer: Productive Bedrock Aquifer, Unproductive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: >90% Superficial Thickness: >10m Superficial Recharge: Low	C6NE (S)	0	3	476647 438000
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability Combined Vulnerability: Low Combined Aquifer: Productive Bedrock Aquifer, Unproductive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: >90% Superficial Thickness: >10m Superficial Recharge: Low	(NW)	0	3	475000 440000
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability Combined Vulnerability: Low Combined Aquifer: Productive Bedrock Aquifer, Unproductive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: >90% Superficial Thickness: >10m Superficial Recharge: Low	(N)	0	3	476000 440000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability Combined Vulnerability: Low Combined Aquifer: Productive Bedrock Aquifer, Unproductive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: >90% Superficial Thickness: >10m Superficial Recharge: Low	(N)	0	3	476647 440000
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability Combined Vulnerability: Low Combined Aquifer: Productive Bedrock Aquifer, Unproductive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: >90% Superficial Thickness: >10m Superficial Recharge: Low	(NW)	0	3	475000 439000
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability Combined Vulnerability: Low Combined Aquifer: Productive Bedrock Aquifer, Unproductive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: >90% Superficial Thickness: >10m Superficial Recharge: Low	C13SE (NW)	0	3	476000 439000
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability Combined Vulnerability: Low Combined Aquifer: Productive Bedrock Aquifer, Unproductive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: >90% Superficial Thickness: >10m Superficial Recharge: Low	C14SE (N)	0	3	476647 439000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability Combined Vulnerability: Low Combined Aquifer: Productive Bedrock Aquifer, Unproductive Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: >90% Superficial Thickness: >10m Superficial Recharge: Low	C15SW (NE)	0	3	477000 439000
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability Combined Vulnerability: Low Combined Aquifer: Productive Bedrock Aquifer, Unproductive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: >90% Superficial Thickness: >10m Superficial Recharge: Low	(W)	0	3	475000 438216
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability Combined Vulnerability: Low Combined Aquifer: Productive Bedrock Aquifer, Unproductive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: >90% Superficial Thickness: >10m Superficial Recharge: Low	C9SE (W)	0	3	476000 438216
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability Combined Vulnerability: Low Combined Aquifer: Productive Bedrock Aquifer, Unproductive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: >90% Superficial Thickness: >10m Superficial Recharge: Low	C10SE (N)	0	3	476647 438216

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability Combined Vulnerability: Low Combined Aquifer: Productive Bedrock Aquifer, Unproductive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: >90% Superficial Thickness: >10m Superficial Recharge: Low	C11SW (E)	0	3	477000 438216
	Groundwater Vulnerability - Soluble Rock Risk None				
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B	(W)	0	3	475000 438216
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B	C10SE (N)	0	3	476647 438216
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B	(NW)	0	3	475000 440000
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B	(N)	0	3	476647 440000
	Superficial Aquifer Designations Aquifer Designation: Unproductive Strata	(W)	0	3	475000 438216
	Superficial Aquifer Designations Aquifer Designation: Unproductive Strata	C10SE (N)	0	3	476647 438216
	Superficial Aquifer Designations Aquifer Designation: Unproductive Strata	(NW)	0	3	475000 440000
	Superficial Aquifer Designations Aquifer Designation: Unproductive Strata	(N)	0	3	476647 440000
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	(NE)	0	3	478537 440000
10	**Source Protection Zones** Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone I (Inner Protection Zone): Travel time of 50 days or less to the groundwater source.	C16NW (NE)	458	2	477591 439134
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	C10SE (N)	0	2	476647 438216
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	C10SE (N)	0	2	476647 438216
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 8.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C14SW (N)	0	4	476423 438810
12	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 161.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C14SW (N)	0	4	476460 438821
13	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 504.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Foss Dike Catchment Name: Foulness Primacy: 1	C10NE (NW)	0	4	476568 438379
14	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 176.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Foss Dike Catchment Name: Foulness Primacy: 1	C14SE (N)	0	4	476583 438860
15	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 6.8 Watercourse Level: Underground Permanent: True Watercourse Name: Foss Dike Catchment Name: Foulness Primacy: 1	C14NE (N)	0	4	476583 439123
16	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 540.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C14NE (N)	0	4	476583 439031
17	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 92.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Foss Dike Catchment Name: Foulness Primacy: 1	C14NE (N)	0	4	476583 439031
18	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 1298.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C10NE (NW)	0	4	476568 438379
19	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 105.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C9NW (W)	0	4	475652 438530

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
20	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 278.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C13NW (NW)	0	4	475836 439042
21	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 317.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C9NW (W)	0	4	475651 438537
22	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 2.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C9NW (W)	0	4	475652 438534
23	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 4.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C9NW (W)	0	4	475652 438530
24	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 116.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C9NW (W)	0	4	475762 438568
25	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 5.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C9NW (W)	0	4	475766 438571
26	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 177.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C9NE (NW)	0	4	475927 438647
27	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 5.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C13NW (NW)	0	4	475841 439044
28	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 19.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C13NW (NW)	0	4	475858 439054

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
29	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 91.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C13NE (NW)	0	4	475937 439102
30	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 26.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C5NE (W)	0	4	475888 437964
31	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 468.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 2	C10SW (SW)	0	4	476287 438025
32	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 71.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C5NE (W)	0	4	475888 437964
33	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 259.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C9SE (W)	0	4	475898 438223
34	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 4.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C9NE (NW)	0	4	475931 438650
35	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 173.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C13SE (NW)	0	4	476093 438697
36	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 9.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C13NE (NW)	0	4	475944 439107
37	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 172.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C13NE (NW)	0	4	476039 439161

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
38	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 8.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C13NE (NW)	0	4	476089 439200
39	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 4.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C13SE (NW)	0	4	476096 438699
40	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 347.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C14SW (N)	0	4	476423 438810
41	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 419.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C13NW (NW)	0	4	475858 439054
42	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 291.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Foss Dike Catchment Name: Foulness Primacy: 1	C14NE (N)	0	4	476580 439129
43	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 155.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C13NE (NW)	0	4	476132 439224
44	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 7.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C14NW (N)	0	4	476237 439277
45	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 219.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C14NW (N)	0	4	476241 439279
46	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 8.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C5NW (SW)	1	4	475883 437892

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
47	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 92.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C5NW (W)	27	4	475862 437960
48	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 509.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Foss Dike Catchment Name: Foulness Primacy: 1	C10SE (SW)	40	4	476582 438183
49	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 378.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C11NW (NE)	68	4	477094 438675
50	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 372.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C5NW (SW)	84	4	475792 437789
51	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 383.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C5NW (W)	107	4	475770 437948
52	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 217.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C13SW (NW)	108	4	475570 438960
53	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 460.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C13SW (NW)	108	4	475570 438960
54	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 6.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C5SE (SW)	202	4	476159 437546
55	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 454.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C5SE (SW)	209	4	476161 437539

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
56	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 447.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Foss Dike Catchment Name: Foulness Primacy: 1	C6NE (S)	289	4	476614 437884
57	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 12.6 Watercourse Level: Underground Permanent: True Watercourse Name: Foss Dike Catchment Name: Foulness Primacy: 1	C6NE (S)	291	4	476620 437895
58	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 75.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 2	C11SW (E)	297	4	477079 438228
59	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 141.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 2	C11SW (E)	315	4	477121 438237
60	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 55.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 2	C11SW (E)	315	4	477121 438232
61	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 481.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Wood Dike Catchment Name: Foulness Primacy: 1	C15SE (NE)	358	4	477467 438734
62	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 43.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C11SW (E)	363	4	477095 438161
63	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 8.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C11SW (E)	366	4	477091 438154
64	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 24.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C11SW (E)	366	4	477133 438183

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
65	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 15.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C11SW (E)	370	4	477085 438140
66	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 7.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C11SW (E)	373	4	477156 438191
67	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 57.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C11SW (E)	375	4	477163 438193
68	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 241.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C11SE (E)	380	4	477242 438266
69	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 5.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C11SW (E)	381	4	477083 438135
70	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 124.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C11SW (E)	385	4	477082 438129
71	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 432.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Wood Dike Catchment Name: Foulness Primacy: 1	C11SE (E)	396	4	477487 438319
72	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 5.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C11SW (E)	409	4	477220 438197
73	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 46.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C11SW (E)	411	4	477225 438199

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
74	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 5.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C11SE (E)	411	4	477252 438228
75	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 24.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C11SW (E)	411	4	477224 438198
76	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 4.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C11SE (E)	412	4	477252 438228
77	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 5.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C11SW (E)	431	4	477229 438175
78	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 5.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C11SW (E)	436	4	477229 438165
79	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 38.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C11SW (E)	438	4	477196 438128
80	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 17.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C11SW (E)	439	4	477221 438151
81	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 9.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C11SW (E)	444	4	477221 438151
82	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 5.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C11SW (E)	447	4	477194 438123

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
83	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 13.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C11SW (E)	450	4	477185 438112
84	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 10.7 Watercourse Level: Underground Permanent: True Watercourse Name: Wood Dike Catchment Name: Foulness Primacy: 1	C15NE (NE)	453	4	477565 439203
85	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 12.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C11SW (E)	453	4	477223 438142
86	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 11.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C11SW (E)	453	4	477223 438142
87	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 45.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C11SW (E)	454	4	477165 438071
88	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 17.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Wood Dike Catchment Name: Foulness Primacy: 1	C15NE (NE)	458	4	477568 439213
89	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 309.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C6SE (S)	460	4	476760 437491
90	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 8.4 Watercourse Level: Underground Permanent: True Watercourse Name: Wood Dike Catchment Name: Foulness Primacy: 1	C15NE (NE)	467	4	477573 439230
91	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 215.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Wood Dike Catchment Name: Foulness Primacy: 1	C16NW (NE)	471	4	477576 439238

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
92	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 118.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C1NW (SW)	520	4	475747 437197
93	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 42.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C1NW (SW)	534	4	475749 437182
94	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 5.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C11SE (E)	548	4	477445 438292
95	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 46.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C11SE (E)	548	4	477445 438292
96	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 463.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C7NW (SE)	569	4	476901 437829
97	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 2.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C6SE (S)	575	4	476763 437492
98	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 39.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C1NW (SW)	575	4	475771 437132
99	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 2.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C1NW (SW)	575	4	475734 437143
100	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C6SE (S)	576	4	476766 437494

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
101	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 283.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Foss Dike Catchment Name: Foulness Primacy: 1	C6SE (S)	577	4	476766 437494
102	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 6.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C1NW (SW)	577	4	475732 437142
103	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 69.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C1NW (SW)	583	4	475728 437137
104	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 547.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Wood Dike Catchment Name: Foulness Primacy: 1	C11SE (E)	586	4	477490 438303
105	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 5.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C1NW (SW)	602	4	475663 437138
106	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 128.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C1NW (SW)	604	4	475658 437139
107	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 5.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C1NW (SW)	615	4	475660 437126
108	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 53.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C1NW (SW)	616	4	475655 437127
109	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 146.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C1NW (SW)	633	4	475601 437133

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
110	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 110.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C1NW (SW)	633	4	475601 437133
111	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 6.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C7NW (SE)	649	4	477235 437916
112	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 172.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C7NE (SE)	655	4	477241 437912
113	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 5.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C2NW (S)	658	4	476316 437116
114	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 111.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C2NW (S)	663	4	476318 437112
115	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 236.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C12NW (E)	687	4	477744 438643
116	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 120.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C16SW (NE)	704	4	477790 438728
117	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C2NW (S)	725	4	476400 437072
118	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 207.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C2NW (S)	728	4	476402 437069

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
119	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 11.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C1SE (SW)	728	4	475944 436972
120	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 5.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C16SW (NE)	733	4	477848 438826
121	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 95.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C16SW (NE)	738	4	477854 438827
122	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 5.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C1SE (SW)	740	4	475947 436961
123	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 12.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C7NE (E)	741	4	477447 437956
124	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 83.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C7NE (SE)	745	4	477379 437892
125	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 13.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C1SE (SW)	745	4	475948 436955
126	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 8.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C7NE (E)	750	4	477447 437943
127	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 9.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C7NE (E)	757	4	477448 437935

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
128	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C1SE (SW)	759	4	475951 436942
129	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 68.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C1SE (SW)	762	4	475952 436939
130	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 35.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C7NE (E)	766	4	477452 437926
131	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 83.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C16SW (E)	785	4	477869 438711
132	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 42.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C16SW (NE)	790	4	477890 438759
133	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 91.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C16SW (E)	793	4	477870 438689
134	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 180.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C7NE (E)	798	4	477462 437892
135	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 97.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C2NE (S)	820	4	476864 437230
136	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 12.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C1SE (SW)	823	4	475986 436882

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
137	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 6.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C1SE (SW)	823	4	475983 436881
138	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C1SE (SW)	823	4	475986 436882
139	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 4.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C16SE (NE)	825	4	477947 438845
140	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 105.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C16SE (NE)	825	4	477946 438849
141	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 56.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C1SE (SW)	825	4	475978 436878
142	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 41.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C16SE (NE)	826	4	477931 438768
143	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 6.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C16SE (NE)	827	4	477948 438838
144	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 28.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C16SE (NE)	828	4	477932 438766
145	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 36.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C16SE (NE)	829	4	477951 438802

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
146	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 12.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C1SE (SW)	831	4	475996 436875
147	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 83.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C16SE (NE)	839	4	477951 438802
148	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 69.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C1SE (SW)	839	4	476007 436868
149	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 788.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Foss Dike Catchment Name: Foulness Primacy: 1	C7SW (SE)	841	4	477004 437378
150	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 6.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C16SE (E)	845	4	477943 438740
151	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 21.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C16SE (E)	850	4	477950 438717
152	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 155.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C16SE (E)	862	4	477951 438715
153	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 2.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C16SE (E)	862	4	477951 438715
154	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 22.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C16SE (E)	864	4	477952 438712

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
155	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 47.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C16SE (E)	879	4	477961 438692
156	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 39.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C2NE (S)	900	4	476892 437145
157	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 4.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C1SE (SW)	902	4	476041 436809
158	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 297.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C1SE (SW)	907	4	476042 436805
159	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 134.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C12NE (E)	910	4	477980 438648
160	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 126.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C2NE (S)	929	4	476894 437109
161	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 6.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C2SW (S)	932	4	476497 436885
162	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 159.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C2SW (S)	938	4	476501 436881
163	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 2.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C7NE (SE)	942	4	477465 437712

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
164	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 549.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C7NE (SE)	944	4	477468 437712
165	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 225.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C16SE (NE)	973	4	478159 438920
166	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 162.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 2	C16NE (NE)	973	4	478100 439136
167	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 478.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Foulness Primacy: 1	C16NE (NE)	973	4	478100 439136
	Water Framework Directive - Catchment Class Code: River Catchment WaterBody Name: Foulness from Black Beck to Market Weighton Canal WaterBody ID: GB104026066690 Operational Catchment: Foulness Management Catchment: Hull and East Riding Catchment Name: Hull & East Riding	C10SE (N)	0	2	476647 438216
	Water Framework Directive - Groundwater Waterbody Name: East Riding Mercia Mudstone Waterbody ID: GB40402G990200 URL Address: https://environment.data.gov.uk/catchment-planning/WaterBody/GB40402G990200 Overall Rating: Poor Chemical Rating: Poor Quantitative Measure: Poor Year: 2019	C10SE (N)	0	2	476647 438216

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage Name: East Riding of Yorkshire Unitary Authority - Has no landfill data to supply		0	5	476647 438216
168	**Potentially Infilled Land (Non-Water)** Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1977	C5SW (SW)	341	-	475735 437392
169	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1958	C5NW (SW)	0	-	475877 437866
170	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1958	C5NW (SW)	0	-	475885 437889
171	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1958	C11NW (NE)	72	-	476907 438411
172	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1958	C6NE (S)	315	-	476626 437864
173	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1958	C2NW (S)	669	-	476298 437099
174	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1958	C2NW (S)	711	-	476321 437062
175	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1958	C1SE (SW)	819	-	475958 436882

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Triassic Rocks (Undifferentiated)	C10SE (N)	0	1	476647 438216
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	C10SE (N)	0	1	476647 438216
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 40 - 60 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: <15 mg/kg	C16SE (NE)	749	1	478000 439000
176	**BGS Recorded Mineral Sites** Site Name: Gribthorpe Brick & Tile Works Location: Gribthorpe, York, East Riding Of Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 226333 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Thorganby Clay Member Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	C5SW (SW)	432	1	475656 437332
177	**BGS Recorded Mineral Sites** Site Name: Fox Covert Marl Pit Location: Seaton Ross, York, East Riding Of Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 226355 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Hemingbrough Glaciolacustrine Formation Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	C16NE (NE)	846	1	477963 439196
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages No data available				
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C10SE (N)	0	1	476647 438216
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	C10SE (N)	0	1	476647 438216
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C10SE (N)	0	1	476647 438216

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C10SE (N)	0	1	476647 438216
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	C10SE (N)	0	1	476647 438216
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C11SW (E)	0	1	477018 438184
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	C10SE (N)	0	1	476647 438216
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	C10SE (N)	0	1	476647 438216
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	C10SE (N)	0	1	476647 438216

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
178	**Contemporary Trade Directory Entries** Name: G Benson & Sons Location: Southfield Farm, Foggathorpe, Selby, YO8 6PZ Classification: Coal & Smokeless Fuel Merchants & Distributors **Status: Active** Positional Accuracy: Automatically positioned to the address	C10NE (NE)	74	-	476869 438402
179	**Contemporary Trade Directory Entries** Name: St Helen'S Farm Location: REANGAMOOR LANE, SEATON ROSS, YO42 4NP Classification: Dairies **Status: Active** Positional Accuracy: Automatically positioned to the address	C16NW (NE)	485	-	477604 439155
180	**Contemporary Trade Directory Entries** Name: Podtanks Sewage Treatment Plants Location: The Byre, Foggathorpe, Selby, North Yorkshire, YO8 6PX Classification: Waste Processing Machinery **Status: Inactive** Positional Accuracy: Automatically positioned to the address	C1SE (SW)	747	-	475927 436952
180	**Contemporary Trade Directory Entries** Name: Waste Tech Environmental Ltd Location: The Byre, Foggathorpe, Selby, YO8 6PX Classification: Sewage Disposal - Equipment & Service **Status: Inactive** Positional Accuracy: Automatically positioned to the address	C1SE (SW)	750	-	475915 436949
181	**Points of Interest - Manufacturing and Production** Name: D Frost Location: Foggathorpe, Selby, YO8 6PZ Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	C6NE (S)	346	6	476675 437879
182	**Points of Interest - Manufacturing and Production** Name: Oak Farming Location: St Helens Farm Wind Turbine, Reangamoor Lane, Seaton Ross, YO42 4NP Category: Farming Class Code: Arable Farming Positional Accuracy: Positioned to address or location	C16SE (NE)	942	6	478076 439000
182	**Points of Interest - Manufacturing and Production** Name: St Helens Farm (Resubmission) Turbine Location: YO42 Category: Industrial Features Class Code: Energy Production Positional Accuracy: Positioned to address or location	C16SE (NE)	944	6	478078 439007
182	**Points of Interest - Manufacturing and Production** Name: St Helens Farm (Resubmission) Location: South End, Seaton Ross, YO42 Category: Industrial Features Class Code: Energy Production Positional Accuracy: Positioned to an adjacent address or location	C16SE (NE)	944	6	478078 439007

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
183	**Nitrate Vulnerable Zones** Name: Foulness From Black Beck To Market Weighton Canal Nvz Description: Surface Water Source: Environment Agency, Head Office	C10SE (N)	0	2	476647 438216

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices		
Environment Agency - Head Office	November 2023	Annually
East Riding of Yorkshire Council - Public Protection Division	October 2017	Annual Rolling Update
Discharge Consents		
Environment Agency - North East Region	October 2024	Quarterly
Enforcement and Prohibition Notices		
Environment Agency - North East Region	March 2013	
Integrated Pollution Controls		
Environment Agency - North East Region	January 2009	
Integrated Pollution Prevention And Control		
Environment Agency - North East Region	October 2024	Quarterly
Local Authority Integrated Pollution Prevention And Control		
East Riding of Yorkshire Council - Public Protection Division	December 2020	Variable
Local Authority Pollution Prevention and Controls		
East Riding of Yorkshire Council - Public Protection Division	December 2020	Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements		
East Riding of Yorkshire Council - Public Protection Division	November 2014	Variable
Nearest Surface Water Feature		
Ordnance Survey	November 2024	
Pollution Incidents to Controlled Waters		
Environment Agency - North East Region	December 1998	
Historical Prosecutions		
Environment Agency, North East Region	March 2013	Not Applicable
Registered Radioactive Substances		
Environment Agency - Head Office	May 2023	
Environment Agency - North East Region	May 2023	
Substantiated Pollution Incident Register		
Environment Agency - North East Region - Ridings Area	October 2024	Quarterly
Environment Agency - North East Region - Yorkshire Area	October 2024	Quarterly
Water Abstractions		
Environment Agency - North East Region	October 2024	Quarterly
Water Industry Act Referrals		
Environment Agency - North East Region	October 2017	
Groundwater Vulnerability Map		
Environment Agency - Head Office	June 2018	As notified
Bedrock Aquifer Designations		
Environment Agency - Head Office	January 2018	As notified
Superficial Aquifer Designations		
Environment Agency - Head Office	January 2018	As notified
Source Protection Zones		
Environment Agency - Head Office	September 2022	Bi-Annually
Extreme Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	December 2023	As notified
Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	December 2023	As notified
Areas Benefiting from Flood Defences		
Environment Agency - Head Office	February 2023	
Flood Water Storage Areas		
Environment Agency - Head Office	January 2024	Quarterly
Flood Defences		
Environment Agency - Head Office	August 2022	

Agency & Hydrological	Version	Update Cycle
OS Water Network Lines Ordnance Survey	October 2024	Quarterly
Surface Water 1 in 30 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 100 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 1000 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water Suitability Environment Agency - Head Office	February 2016	Annually
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	As notified
Water Framework Directive - Catchment Environment Agency - Head Office	July 2024	Annually
Water Framework Directive - Groundwater Environment Agency - Head Office	July 2024	Annually
Waste	**Version**	**Update Cycle**
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	November 2002	As notified
Historical Landfill Sites Environment Agency - Head Office	October 2024	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - North East Region	January 2009	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area	November 2024 November 2024	Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area	October 2024 October 2024	Quarterly Quarterly
Local Authority Landfill Coverage East Riding of Yorkshire Council - Public Protection Division	February 2003	Not Applicable
Local Authority Recorded Landfill Sites East Riding of Yorkshire Council - Public Protection Division	October 2018	
Potentially Infilled Land (Non-Water) Landmark Information Group Limited	December 1999	
Potentially Infilled Land (Water) Landmark Information Group Limited	December 1999	
Registered Landfill Sites Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area	March 2006 March 2006	Not Applicable Not Applicable
Registered Waste Transfer Sites Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area	April 2018 April 2018	
Registered Waste Treatment or Disposal Sites Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area	June 2015 June 2015	

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	September 2024	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements East Riding of Yorkshire Council	October 2015	Variable
Planning Hazardous Substance Consents East Riding of Yorkshire Council	October 2015	Variable
Geological	**Version**	**Update Cycle**
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	As notified
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	December 2015	As notified
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	March 2024	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB) Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011 November 2020	As notified
Coal Mining Affected Areas The Coal Authority - Property Searches	February 2023	Annual Rolling Update
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	As notified
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	November 2024	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	November 2024	Annually

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	December 2024	Quarterly
Fuel Station Entries Green Street Advisor (UK) Ltd	February 2024	Quarterly
Points of Interest - Commercial Services PointX	December 2024	Quarterly
Points of Interest - Education and Health PointX	December 2024	Quarterly
Points of Interest - Manufacturing and Production PointX	December 2024	Quarterly
Points of Interest - Public Infrastructure PointX	December 2024	Quarterly
Points of Interest - Recreational and Environmental PointX	December 2024	Quarterly
Underground Electrical Cables National Grid	January 2024	

Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	November 2024	Bi-Annually
Areas of Adopted Green Belt East Riding of Yorkshire Council - Planning Department	July 2024	Quarterly
Areas of Unadopted Green Belt East Riding of Yorkshire Council - Planning Department	July 2024	Quarterly
Areas of Outstanding Natural Beauty Natural England	November 2024	Bi-Annually
Environmentally Sensitive Areas Natural England	August 2023	
Forest Parks Forestry Commission	May 2023	Not Applicable
Local Nature Reserves Natural England	August 2024	Bi-Annually
Marine Nature Reserves Natural England	February 2025	Bi-Annually
National Nature Reserves Natural England	January 2025	Bi-Annually
National Parks Natural England	September 2024	Bi-Annually
Nitrate Sensitive Areas Natural England	April 2023	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Environment Agency - Head Office	April 2016 November 2024	Annually
Ramsar Sites Natural England	February 2025	Bi-Annually
Sites of Special Scientific Interest Natural England	November 2024	Bi-Annually
Special Areas of Conservation Natural England	January 2025	Bi-Annually
Special Protection Areas Natural England	November 2024	Bi-Annually

Data Suppliers

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	
Centre for Ecology and Hydrology	
Natural Resources Wales	
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Stantec UK Ltd	

Useful Contacts

Contact	Name and Address	Contact Details
1	**British Geological Survey - Enquiry Service** British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	**Environment Agency - National Customer Contact Centre (NCCC)** PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	**Environment Agency - Head Office** Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
4	**Ordnance Survey** Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.co.uk
5	**East Riding of Yorkshire Council - Public Protection Division** Council Offices, Church Street, GOOLE, East Riding Of Yorks, DN14 5BG	Telephone: 08457 887700 Fax: 01482 396104 Website: www.eastriding.gov.uk/
6	**PointX** 5-6 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
7	**Natural England** County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
-	**Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards** Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	**Landmark Information Group Limited** Landmark Information Group, Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0330 036 6618 Fax: 0844 844 9951 Email: helpdesk@landmark.co.uk Website: www.landmark.co.uk

Please note that the Environment Agency / Natural Resources Wales / SEPA have a charging policy in place for enquiries.

Geology 1:50,000 Maps Legends

Artificial Ground and Landslip

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	WGR	Worked Ground (Undivided)	Void	Not Supplied - Holocene

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Peat And Silt	Not Supplied - Holocene
	ALV	Alluvium	Clay and Silt	Not Supplied - Holocene
	BIES	Bielby Sand Member	Sand, Silty, Gravelly	Not Supplied - Devensian
	HEM	Hemingbrough Glaciolacustrine Formation	Clay, Silty	Not Supplied - Devensian
	THOR	Thorganby Clay Member	Clay, Silty	Not Supplied - Devensian
	BIES	Bielby Sand Member	Sand, Clayey	Not Supplied - Devensian

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	MMG	Mercia Mudstone Group	Mudstone	Not Supplied - Early Triassic
		Faults		

RSK

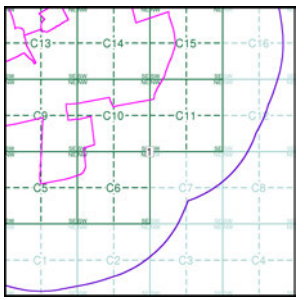
Geology 1:50,000 Maps

This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published paper maps.
The various geological layers - artificial and landslip deposits, superficial geology and solid (bedrock) geology are displayed in separate maps, but superimposed on the final 'Combined Surface Geology' map. All map legends feature on this page. Not all layers have complete nationwide coverage, so availability of data for relevant map sheets is indicated below.

Geology 1:50,000 Maps Coverage

Map ID:	**1**
Map Sheet No:	**071**
Map Name:	**Selby**
Map Date:	**2008**
Bedrock Geology:	**Available**
Superficial Geology:	**Available**
Artificial Geology:	**Available**
Faults:	**Not Supplied**
Landslip:	**Available**
Rock Segments:	**Not Supplied**

Geology 1:50,000 Maps - Slice C



Order Details:

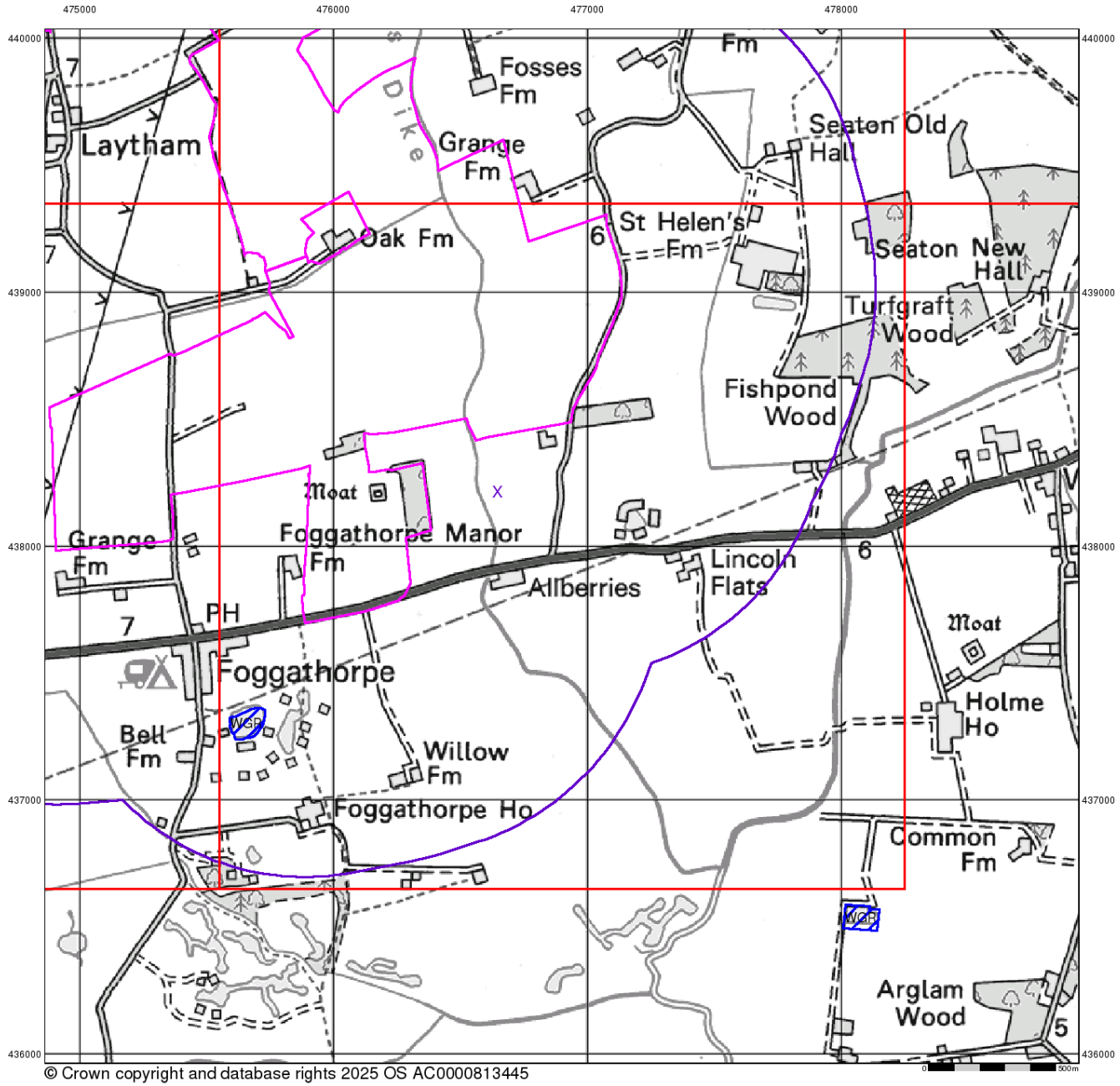
Order Number:	370061200_1_1
Customer Reference:	P02153163
National Grid Reference:	476650, 438220
Slice:	C
Site Area (Ha):	1888.5
Search Buffer (m):	1000

Site Details:

Mylen Leah

Landmark INFORMATION GROUP

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



Artificial Ground and Landslip

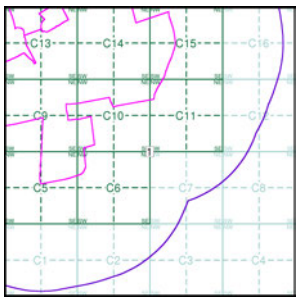
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions and unstable ground.

Artificial ground includes:

- Made ground - man-made deposits such as embankments and spoil heaps on the natural ground surface.
- Worked ground - areas where the ground has been cut away such as quarries and road cuttings.
- Infilled ground - areas where the ground has been cut away then wholly or partially backfilled.
- Landscaped ground - areas where the surface has been reshaped.
- Disturbed ground - areas of ill-defined shallow or near surface mineral workings where it is impracticable to map made and worked ground separately.

Mass movement (landslip) deposits on BGS geological maps are primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground. The dataset also includes foundered strata, where the ground has collapsed due to subsidence.

Artificial Ground and Landslip Map - Slice C



Order Details:

Order Number:	370061200_1_1
Customer Reference:	P02153163
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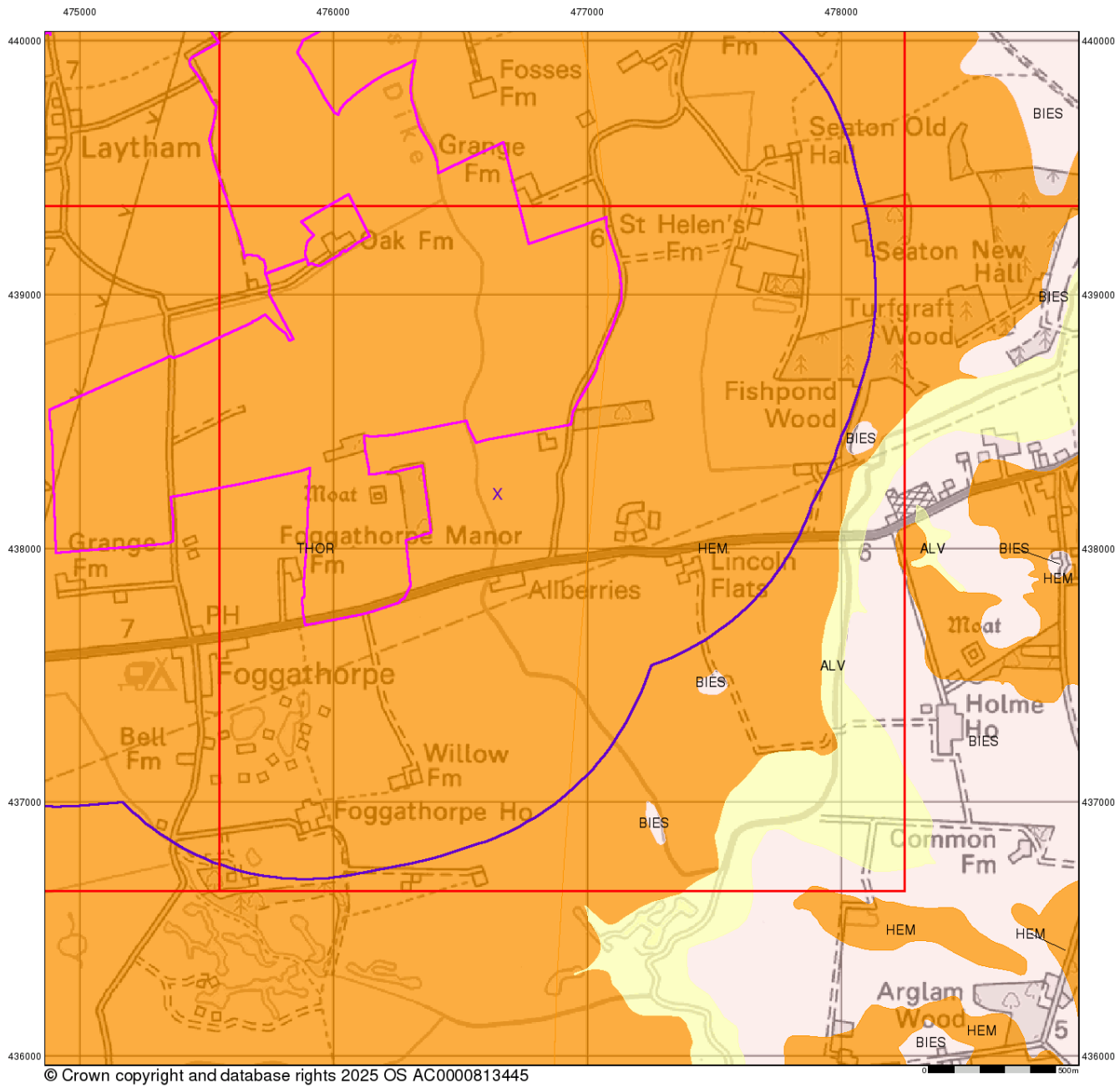


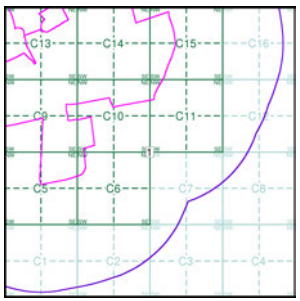
Superficial Geology

Superficial Deposits are the youngest geological deposits formed during the most recent period of geological time, the Quaternary, which extends back about 1.8 million years from the present.

They rest on older deposits or rocks referred to as Bedrock. This dataset contains Superficial deposits that are of natural origin and 'in place'. Other superficial strata may be held in the Mass Movement dataset where they have been moved, or in the Artificial Ground dataset where they are of man-made origin.

Most of these Superficial deposits are unconsolidated sediments such as gravel, sand, silt and clay, and onshore they form relatively thin, often discontinuous patches or larger spreads.

Superficial Geology Map - Slice C



Order Details:

Order Number:	370061200_1_1
Customer Reference:	P02153163
National Grid Reference:	476650, 438220
Slice:	C
Site Area (Ha):	1888.5
Search Buffer (m):	1000

Site Details:

Mylen Leah

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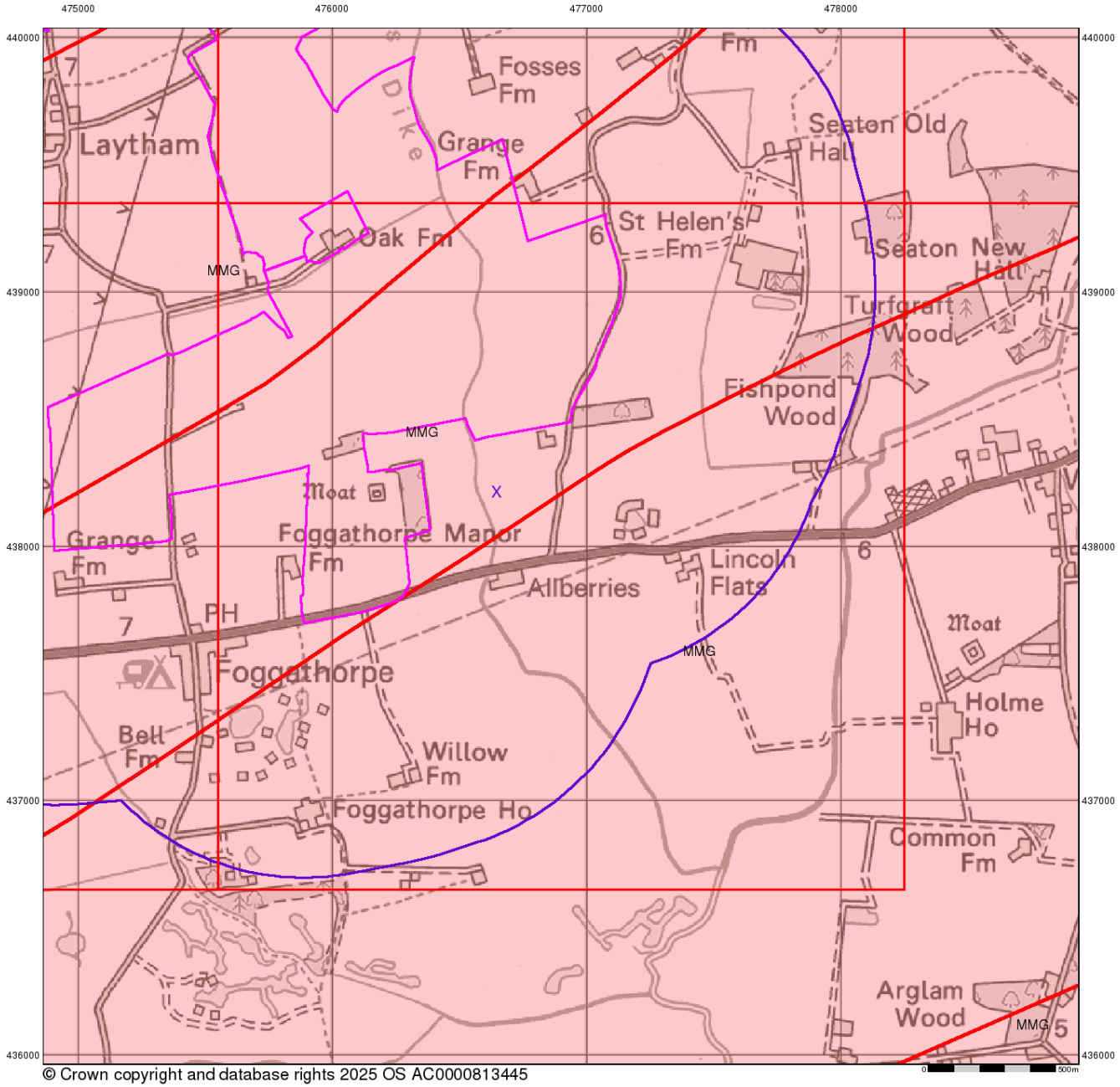


Bedrock and Faults

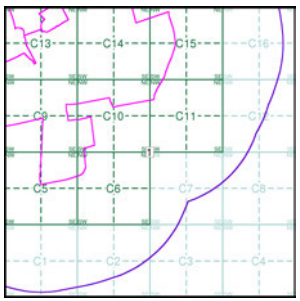
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

The bedrock has formed over vast lengths of geological time ranging from ancient and highly altered rocks of the Proterozoic, some 2500 million years ago, or older, up to the relatively young Pliocene, 1.8 million years ago.

The bedrock geology includes many lithologies, often classified into three types based on origin: igneous, metamorphic and sedimentary.

The BGS Faults and Rock Segments dataset includes geological faults (e.g. normal, thrust), and thin beds mapped as lines (e.g. coal seam, gypsum bed). Some of these are linked to other particular 1:50,000 Geology datasets, for example, coal seams are part of the bedrock sequence, most faults and mineral veins primarily affect the bedrock but cut across the strata and post date its deposition.

Bedrock and Faults Map - Slice C



Order Details:

Order Number:	370061200_1_1
Customer Reference:	P02153163
National Grid Reference:	476650, 438220
Slice:	C
Site Area (Ha):	1888.5
Search Buffer (m):	1000

Site Details:

Mylen Leah

Landmark INFORMATION GROUP
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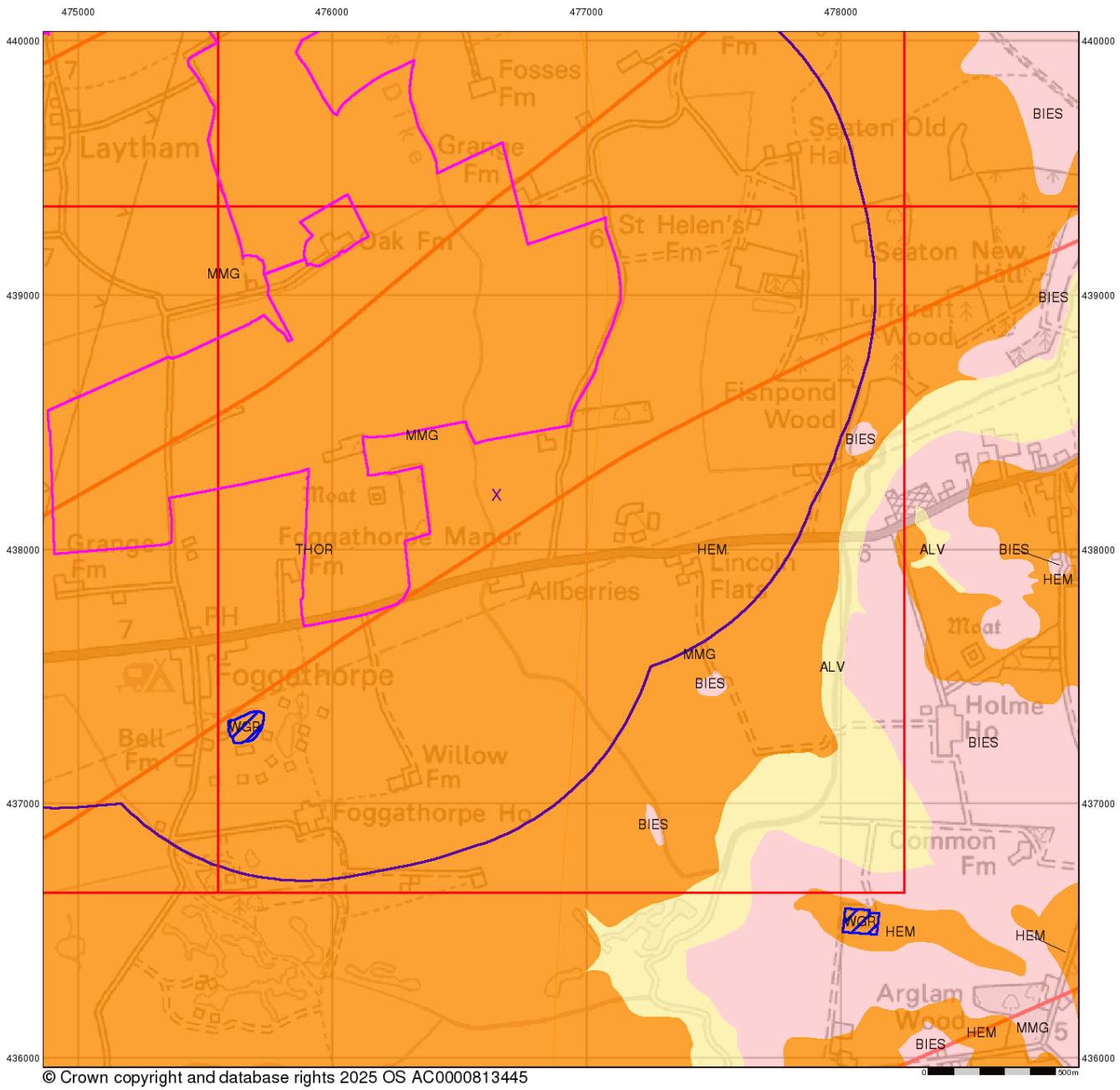


Combined Surface Geology

The Combined Surface Geology map combines all the previous maps into one combined geological overview of your site.

Please consult the legends to the previous maps to interpret the Combined "Surface Geology" map.

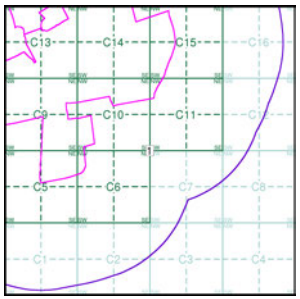
Additional Information

More information on 1:50,000 Geological mapping and explanations of rock classifications can be found on the BGS website. Using the LEX Codes in this report, further descriptions of rock types can be obtained by interrogating the 'BGS Lexicon of Named Rock Units'. This database can be accessed by following the 'Information and Data' link on the BGS website.

Contact

British Geological Survey
Kingsley Dunham Centre
Keyworth
Nottingham
NG12 5GG
Telephone: 0115 936 3143
Fax: 0115 936 3276
email: enquiries@bgs.ac.uk
website: www.bgs.ac.uk

Combined Geology Map - Slice C



Order Details:

Order Number:	370061200_1_1
Customer Reference:	P02153163
National Grid Reference:	476650, 438220
Slice:	C
Site Area (Ha):	1888.5
Search Buffer (m):	1000

Site Details:

Mylen Leah

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
Fenced
Un-Fenced
Minor Roads
Fenced
Un-Fenced
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
Co. Boro. Bdy. County Borough Boundary (England)
Co. Burgh Bdy. County Burgh Boundary (Scotland)
R.D. Bdy. 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
Coppice
Bracken
Heath
Rough Grassland
Marsh
Reeds
Saltings
Building
Direction of Flow of Water
Shingle
Sand
Glasshouse
Pylon
Pylon
Electricity Transmission Line
Sloping Masonry
Cutting
Embankment
Standard Gauge Multiple Track
Road Under
Road Over
Level Crossing
Foot Bridge
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
Shown only when not coincident with other boundaries
Civil Parish
Shown alternately when coincidence of boundaries occurs

BP, BS	Boundary Post or Stone	Pol Sta	Police Station
Ch	Church	PO	Post Office
CH	Club House	PC	Public Convenience
F E Sta	Fire Engine Station	PH	Public House
FB	Foot Bridge	SB	Signal Box
Fn	Fountain	Spr	Spring
GP	Guide Post	TCB	Telephone Call Box
MP	Mile Post	TCP	Telephone Call Post
MS	Mile Stone	W	Well

1:10,000 Raster Mapping

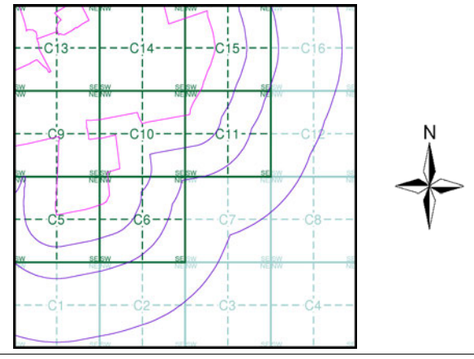
Gravel Pit
Refuse tip or slag heap
Rock
Rock (scattered)
Boulders
Boulders (scattered)
Shingle
Mud
Mud
Sand
Sand
Sand Pit
Slopes
Top of cliff
General detail
Underground detail
Overhead detail
Narrow gauge railway
Multi-track railway
Single track railway
County boundary (England only)
Civil, parish or 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
MHW(S) Mean high water (springs)
MLW(S) Mean low water (springs)
Telephone line (where shown)
Electricity transmission line (with poles)
BM 123.45 m 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

RSK

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Yorkshire	1:10,560	1855	2
Yorkshire	1:10,560	1892	3
Yorkshire	1:10,560	1910	4
Yorkshire	1:10,560	1952 - 1953	5
Ordnance Survey Plan	1:10,000	1958	6
Ordnance Survey Plan	1:10,000	1977	7
10K Raster Mapping	1:10,000	1999	8
10K Raster Mapping	1:10,000	2006	9
VectorMap Local	1:10,000	2024	10

Historical Map - Slice C



Order Details

Order Number: 370061200_1_1
Customer Ref: P02153163
National Grid Reference: 476650, 438220
Slice: C
Site Area (Ha): 1888.5
Search Buffer (m): 1000

Site Details

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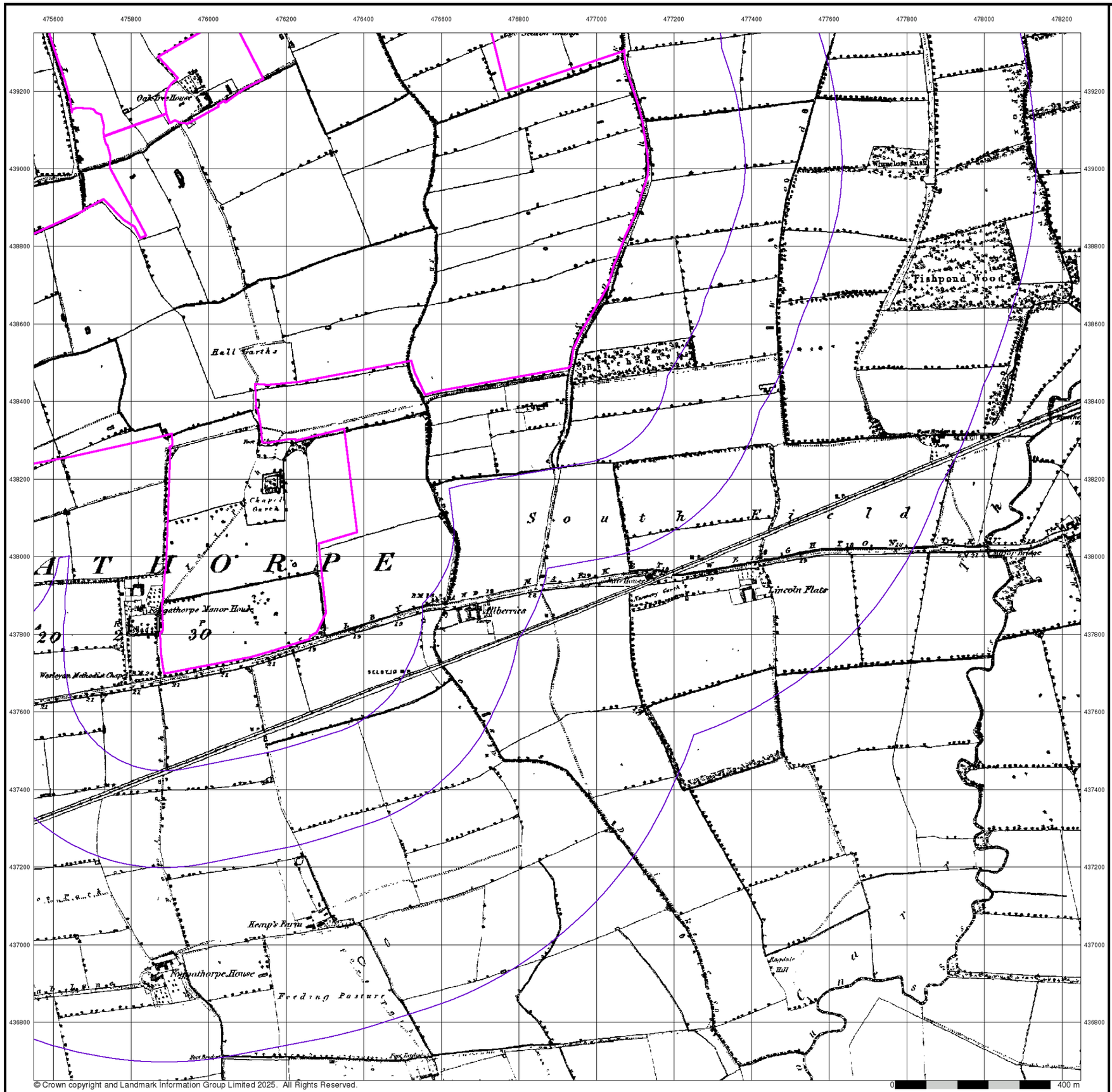


RSK

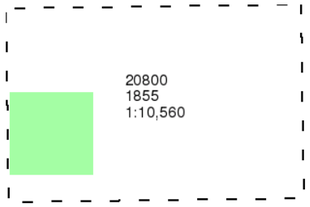
Yorkshire

Published 1855

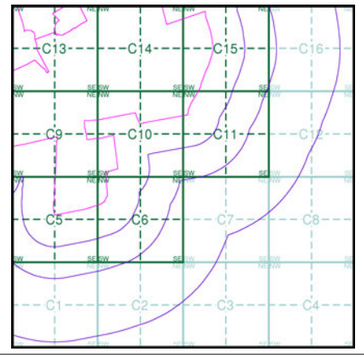
Source map scale - 1:10,560

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)



Historical Map - Slice C



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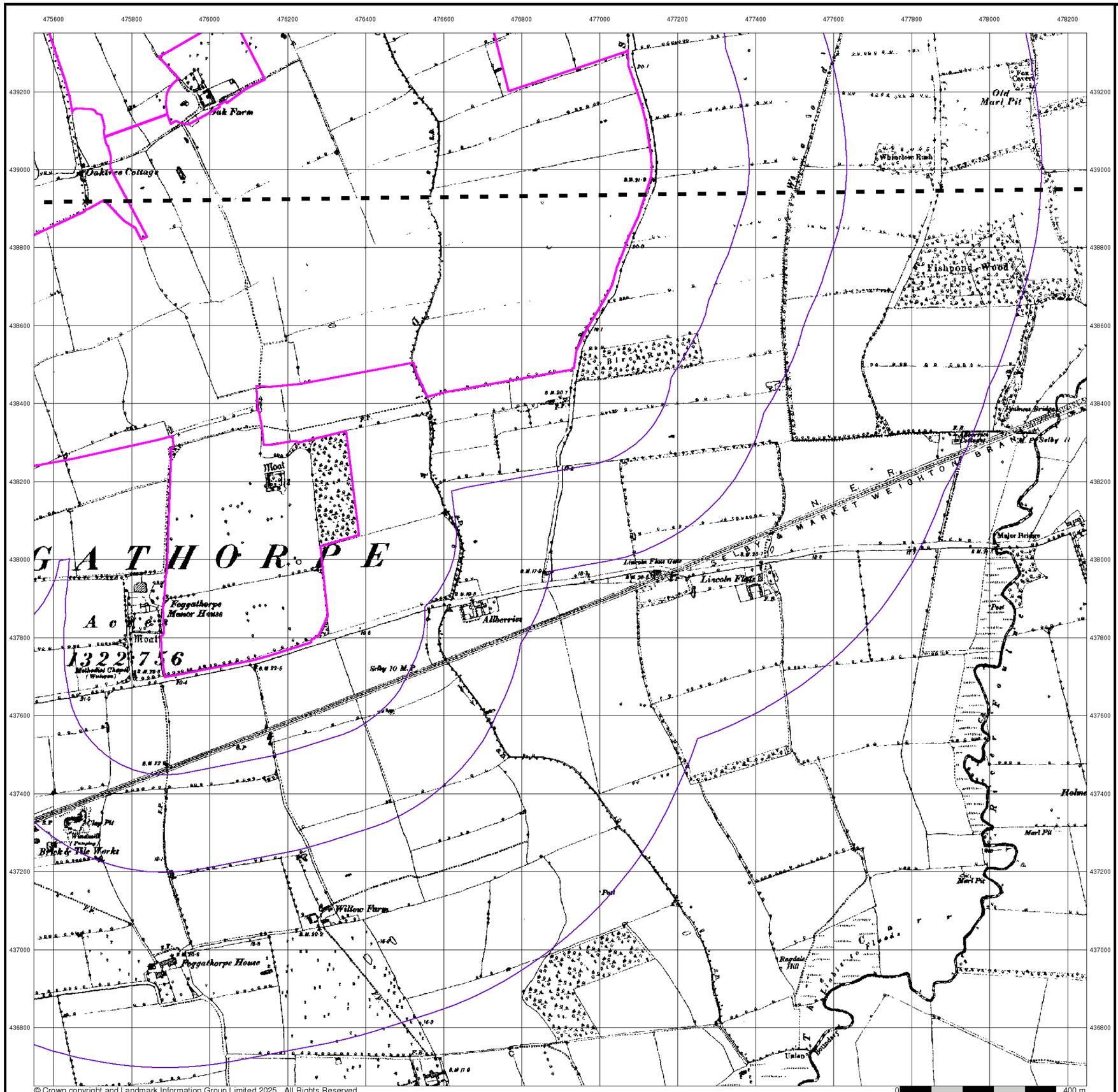

RSK

Yorkshire

Published 1892

Source map scale - 1:10,560

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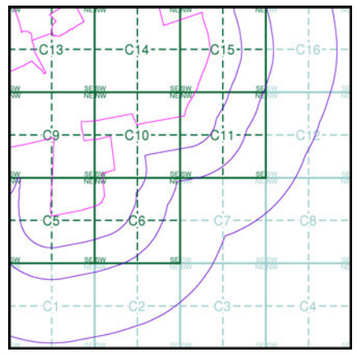
Map Name(s) and Date(s)

208NW
1892
1:10,560

208SW
1892
1:10,560

Historical Map - Slice C



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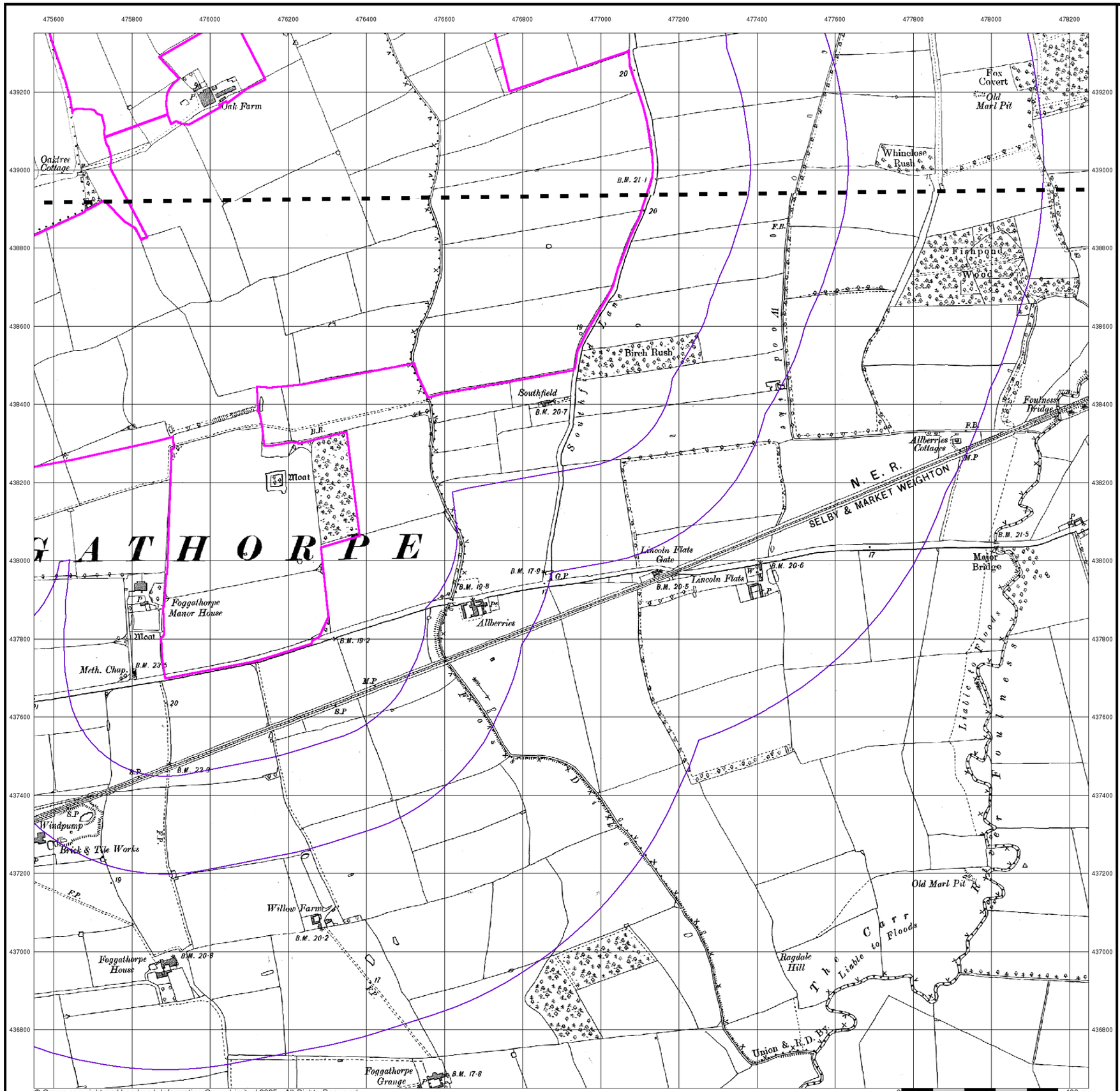

RSK

Yorkshire

Published 1910

Source map scale - 1:10,560

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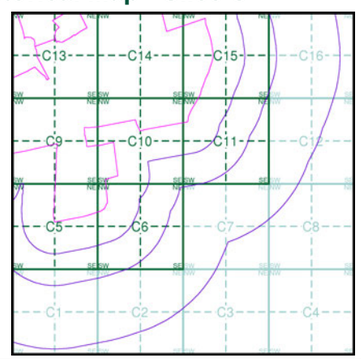
Map Name(s) and Date(s)

208NW
1910
1:10,560

208SW
1910
1:10,560

Historical Map - Slice C



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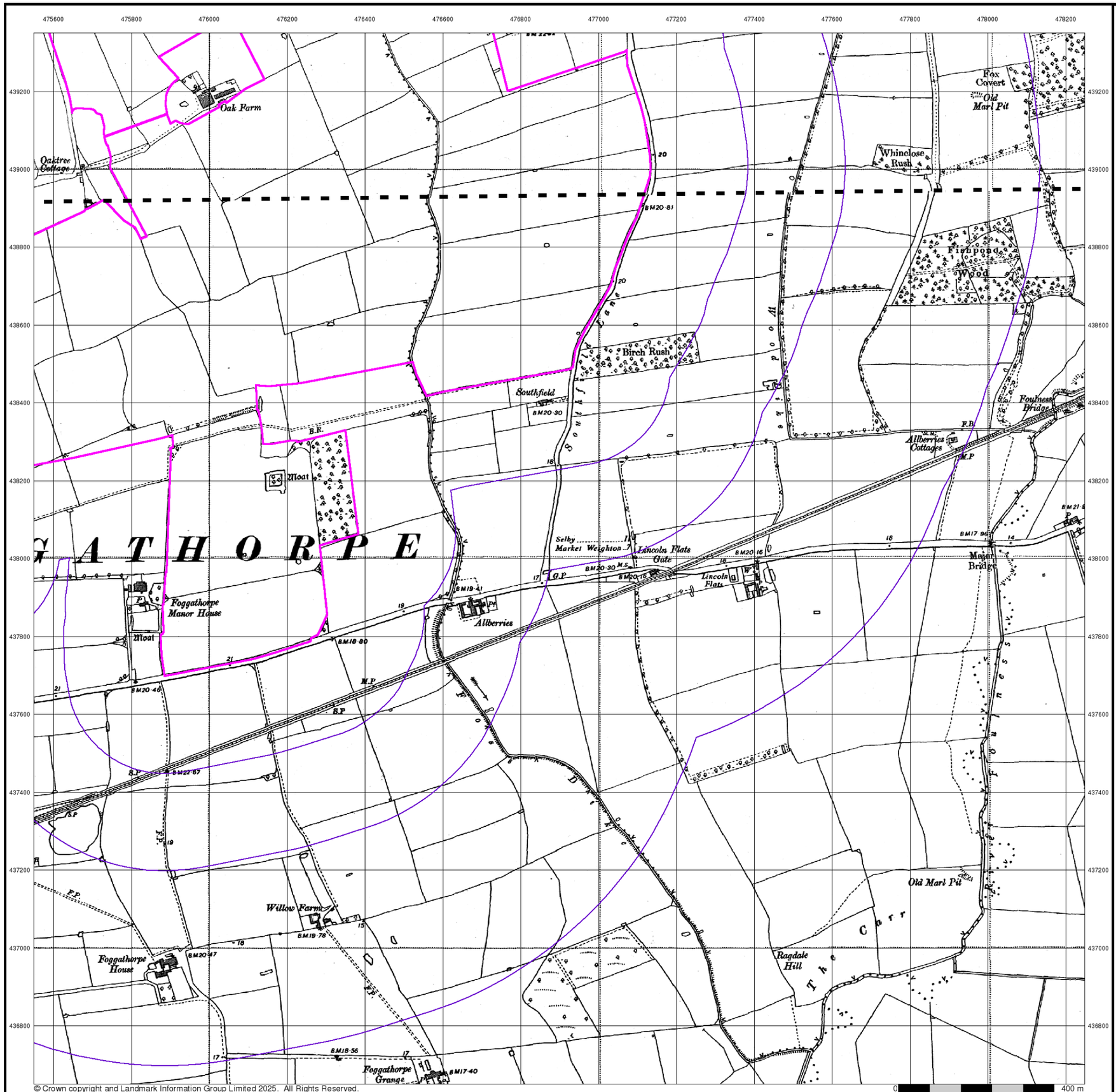

RSK

Yorkshire

Published 1952 - 1953

Source map scale - 1:10,560

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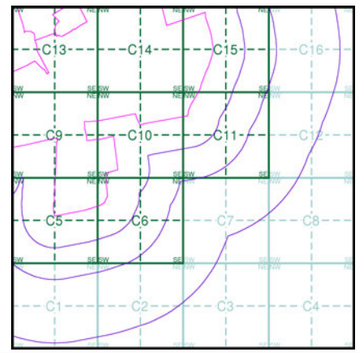
Map Name(s) and Date(s)

208NW
1953
1:10,560

208SW
1952
1:10,560

Historical Map - Slice C



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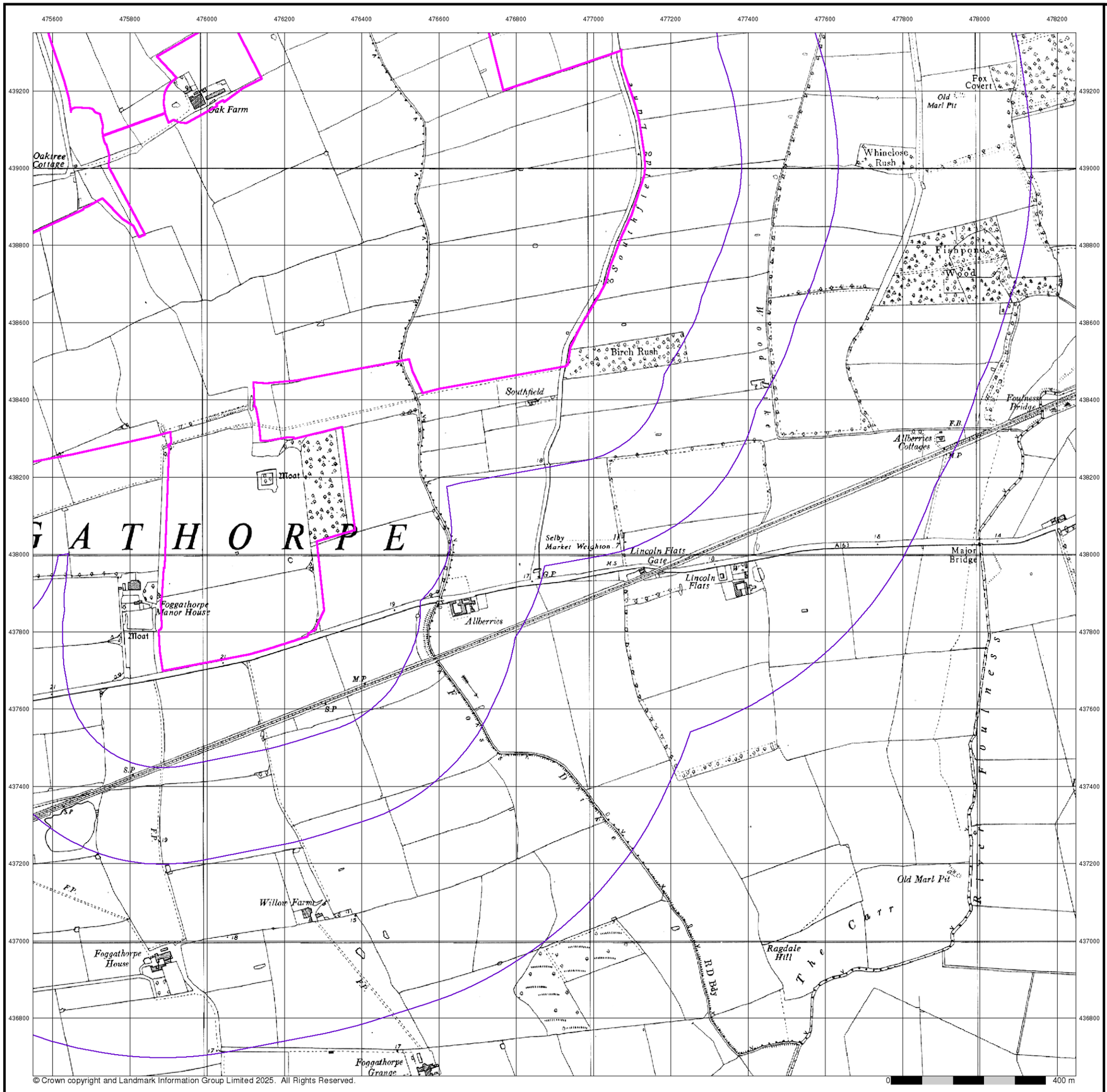

RSK

Ordnance Survey Plan

Published 1958

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.

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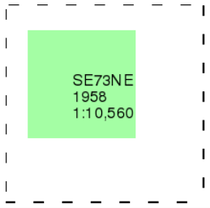
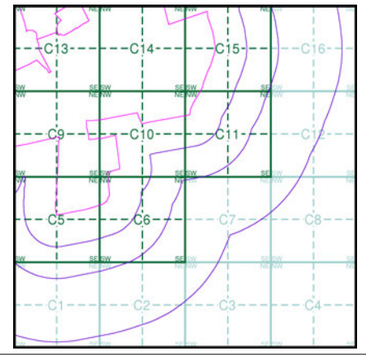


Historical Map - Slice C



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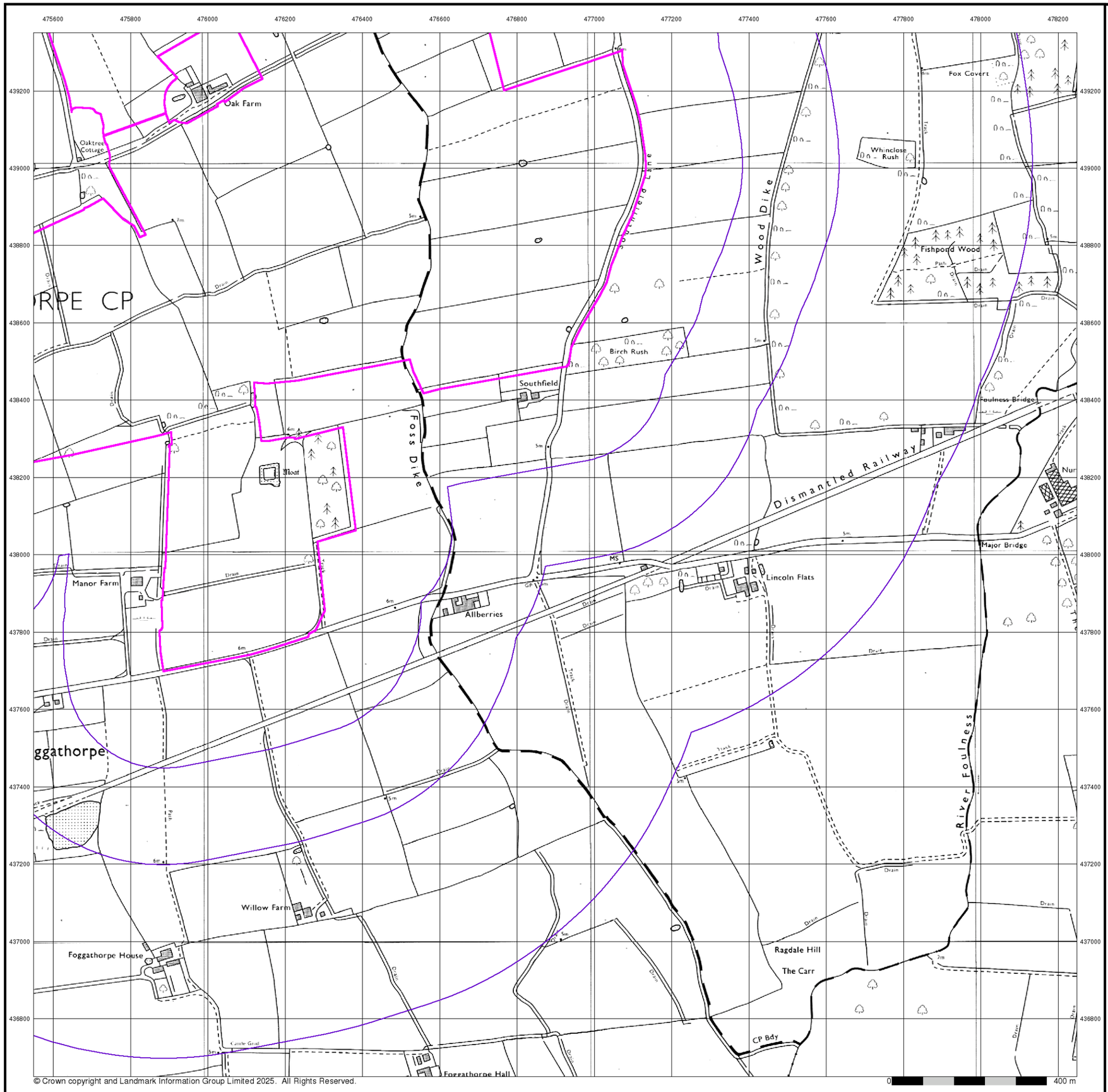

RSK

Ordnance Survey Plan

Published 1977

Source map scale - 1:10,000

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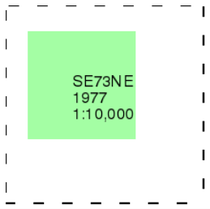
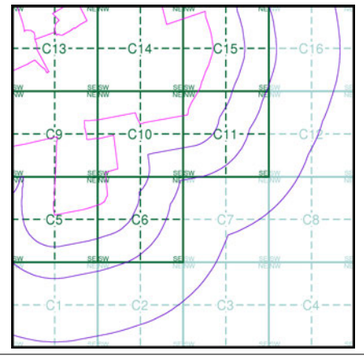
Map Name(s) and Date(s)



Historical Map - Slice C



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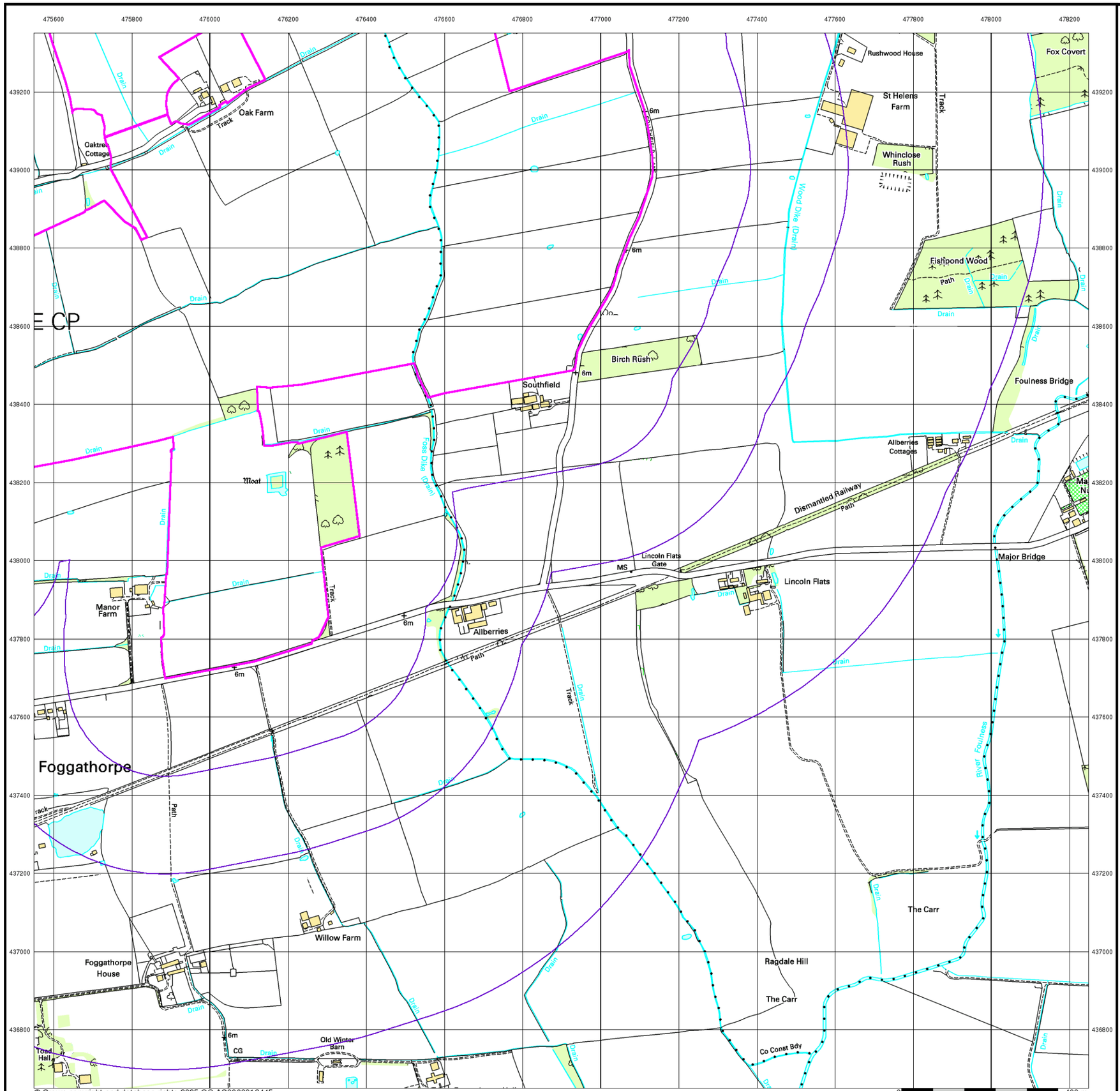


RSK

10k Raster Mapping

Published 1999

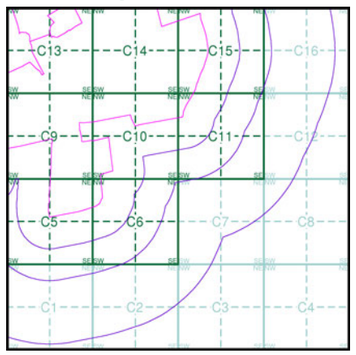
Source map scale - 1:10,000

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)

SE73NE
1999
1:10,000

Historical Map - Slice C



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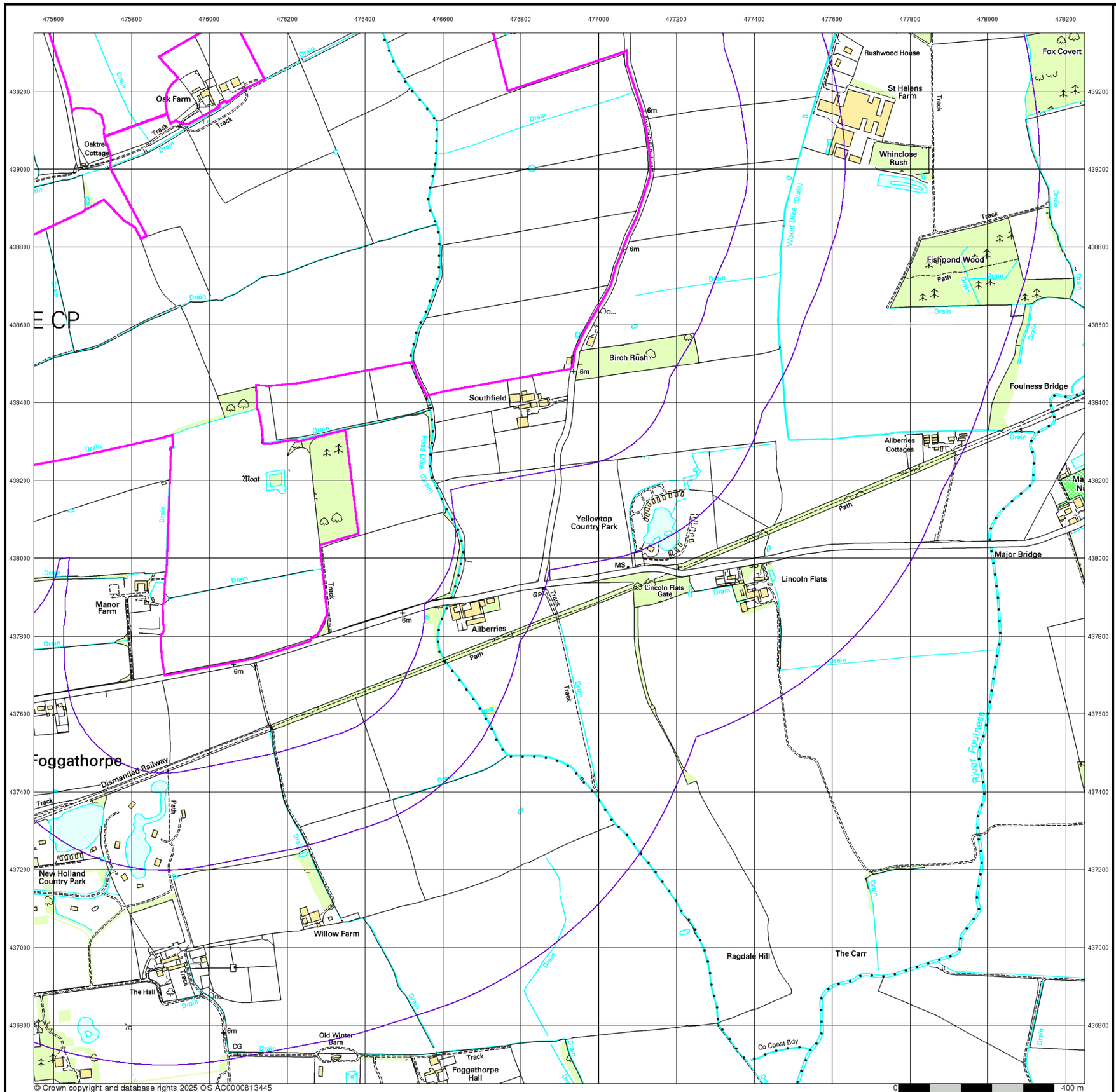

10k Raster Mapping

Published 2006

Source map scale - 1:10,000

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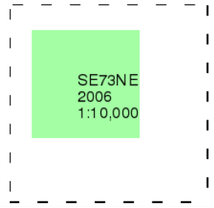
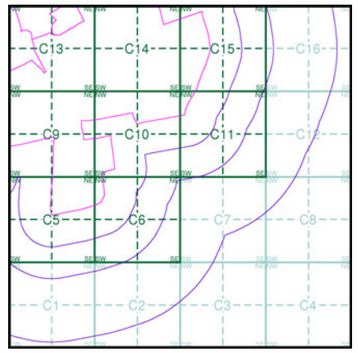
Map Name(s) and Date(s)



Historical Map - Slice C



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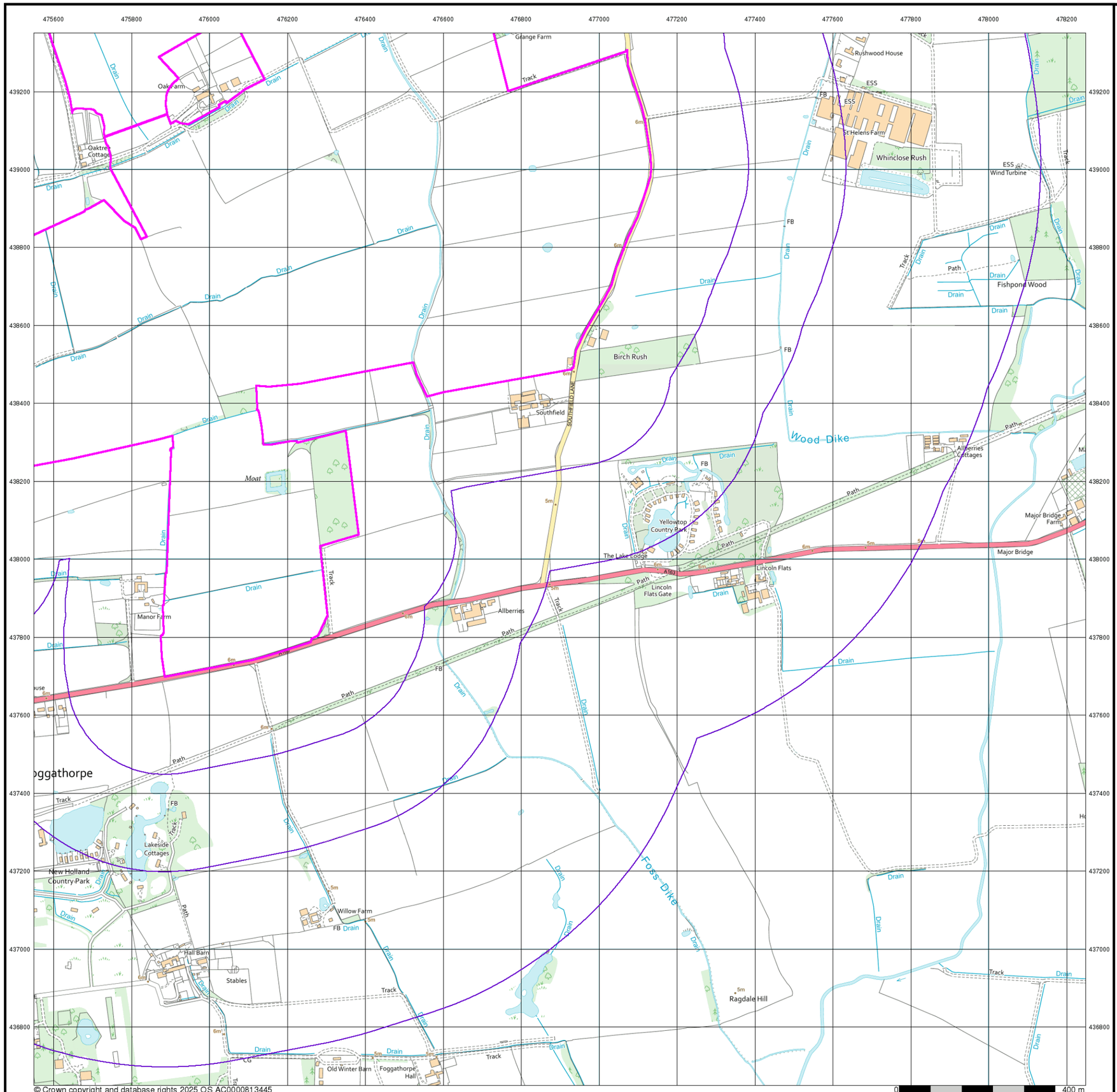


RSK

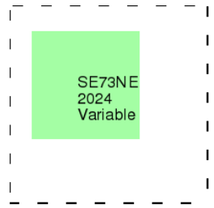
VectorMap Local

Published 2024

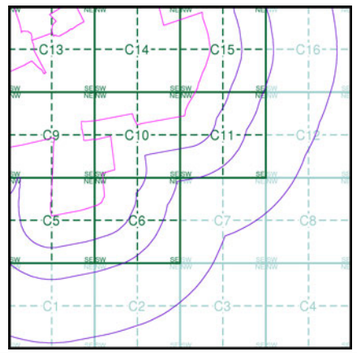
Source map scale - 1:10,000

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)



Historical Map - Slice C



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National Grid Reference:	476650, 438220
Slice:	C
Site Area (Ha):	1888.5
Search Buffer (m):	1000

Site Details

Mylen Leah

Landmark INFORMATION GROUP

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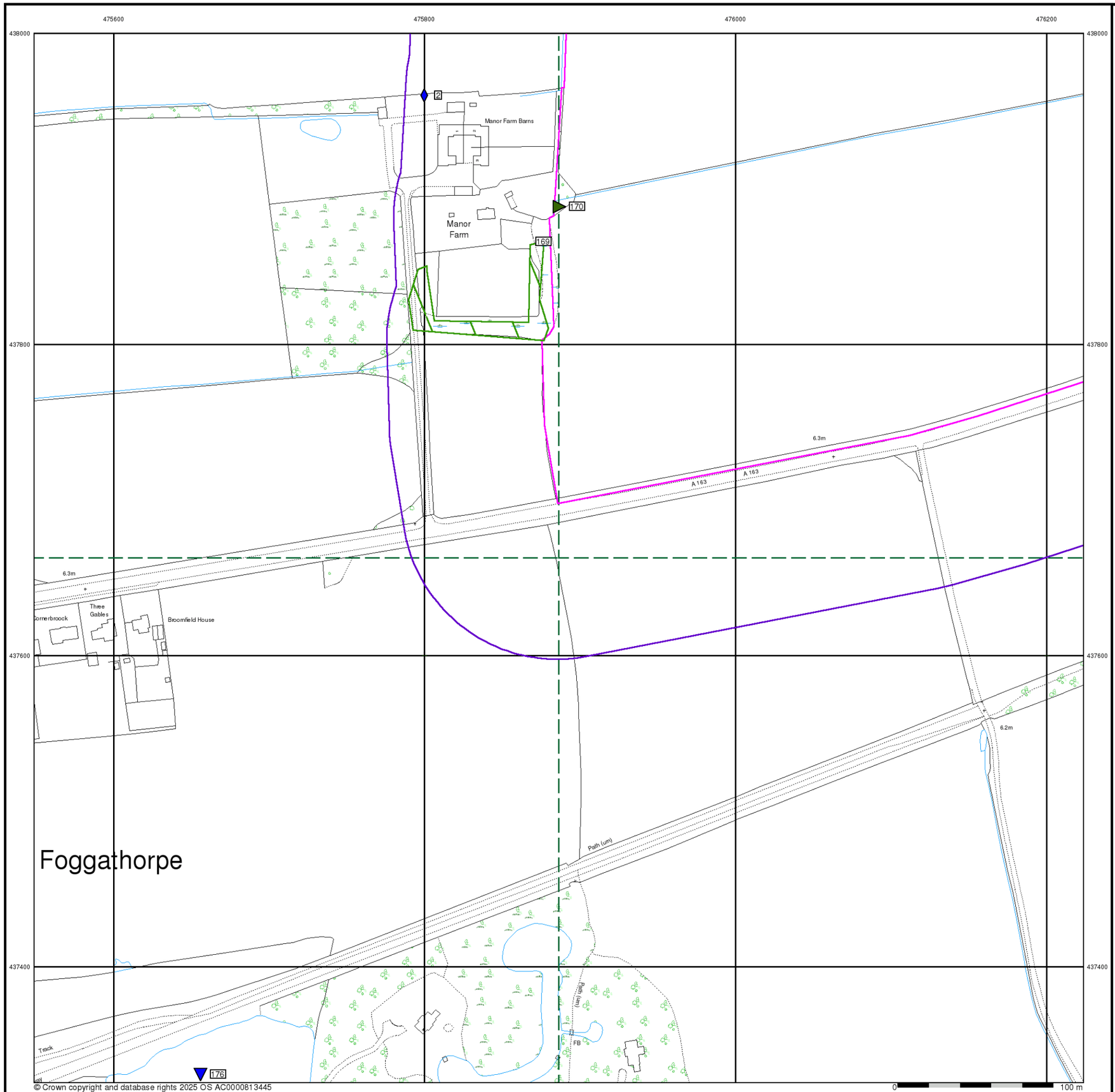
Web: www.envirocheck.co.uk



RSK

General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Map ID
- Several of Type at Location
- Pylon
- Overhead Transmission Line

Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
- Discharge Consent
- Enforcement or Prohibition Notice
- Integrated Pollution Control
- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Prevention and Control
- Local Authority Pollution Prevention and Control
- Local Authority Pollution Prevention and Control Enforcement
- Pollution Incident to Controlled Waters
- Historical Prosecutions
- Prosecutions
- Registered Radioactive Substance
- River Network or Water Feature
- Substantiated Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral

Waste

- BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
- EA Historic Landfill (Buffered Point)
- EA Historic Landfill (Polygon)
- Integrated Pollution Control Registered Waste Site
- Licensed Waste Management Facility (Landfill Boundary)
- Licensed Waste Management Facility (Location)
- Local Authority Recorded Landfill Site (Location)
- Local Authority Recorded Landfill Site
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Registered Landfill Site
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

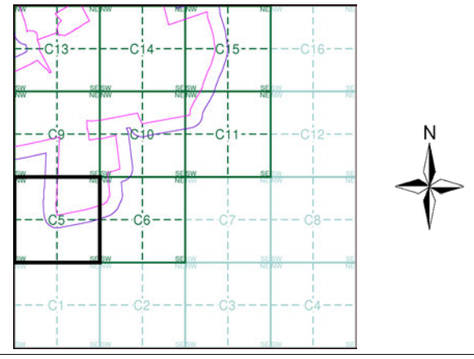
Hazardous Substances

- COMAH Site
- Explosive Site
- NIHHS Site
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Enforcement

Geological

- BGS Recorded Mineral Site

Site Sensitivity Map - Segment C5



Order Details

Order Number:	370061200_1_1
Customer Ref:	P02153163
National Grid Reference:	476650, 438220
Slice:	C
Site Area (Ha):	1888.5
Plot Buffer (m):	100

Site Details

Mylen Leah

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

RSK

General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Map ID
- Several of Type at Location
- Pylon
- Overhead Transmission Line

Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
- Discharge Consent
- Enforcement or Prohibition Notice
- Integrated Pollution Control
- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Prevention and Control
- Local Authority Pollution Prevention and Control
- Local Authority Pollution Prevention and Control Enforcement
- Pollution Incident to Controlled Waters
- Historical Prosecutions
- Prosecutions
- Registered Radioactive Substance
- River Network or Water Feature
- Substantiated Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral

Waste

- BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
- EA Historic Landfill (Buffered Point)
- EA Historic Landfill (Polygon)
- Integrated Pollution Control Registered Waste Site
- Licensed Waste Management Facility (Landfill Boundary)
- Licensed Waste Management Facility (Location)
- Local Authority Recorded Landfill Site (Location)
- Local Authority Recorded Landfill Site
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Registered Landfill Site
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

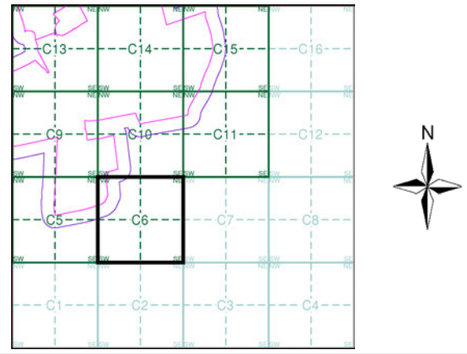
Hazardous Substances

- COMAH Site
- Explosive Site
- NIHHS Site
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Enforcement

Geological

- BGS Recorded Mineral Site

Site Sensitivity Map - Segment C6



Order Details

Order Number:	370061200_1_1
Customer Ref:	P02153163
National Grid Reference:	476650, 438220
Slice:	C
Site Area (Ha):	1888.5
Plot Buffer (m):	100

Site Details

Mylen Leah

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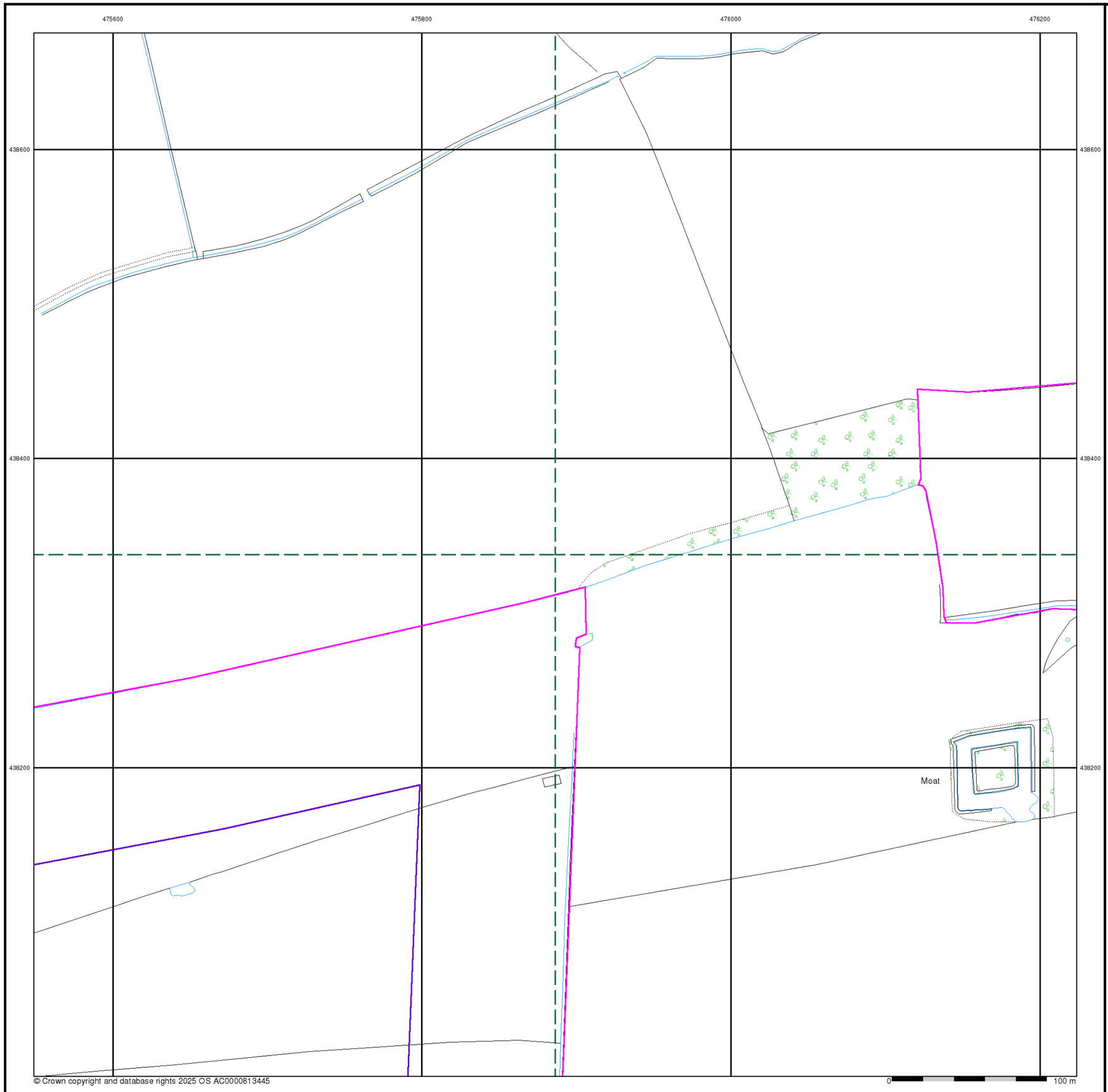


General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Map ID
- Several of Type at Location
- Pylon
- Overhead Transmission Line

Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
- Discharge Consent
- Enforcement or Prohibition Notice
- Integrated Pollution Control
- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Prevention and Control
- Local Authority Pollution Prevention and Control
- Local Authority Pollution Prevention and Control Enforcement
- Pollution Incident to Controlled Waters
- Historical Prosecutions
- Prosecutions
- Registered Radioactive Substance
- River Network or Water Feature
- Substantiated Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral

Waste

- BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
- EA Historic Landfill (Buffered Point)
- EA Historic Landfill (Polygon)
- Integrated Pollution Control Registered Waste Site
- Licensed Waste Management Facility (Landfill Boundary)
- Licensed Waste Management Facility (Location)
- Local Authority Recorded Landfill Site (Location)
- Local Authority Recorded Landfill Site
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Registered Landfill Site
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

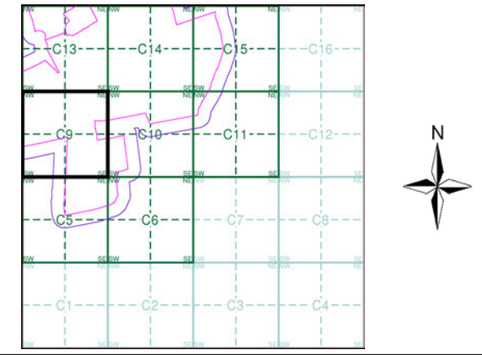
Hazardous Substances

- COMAH Site
- Explosive Site
- NIHHS Site
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Enforcement

Geological

- BGS Recorded Mineral Site

Site Sensitivity Map - Segment C9



Order Details

Order Number:	370061200_1_1
Customer Ref:	P02153163
National Grid Reference:	476650, 438220
Slice:	C
Site Area (Ha):	1888.5
Plot Buffer (m):	100

Site Details

Mylen Leah

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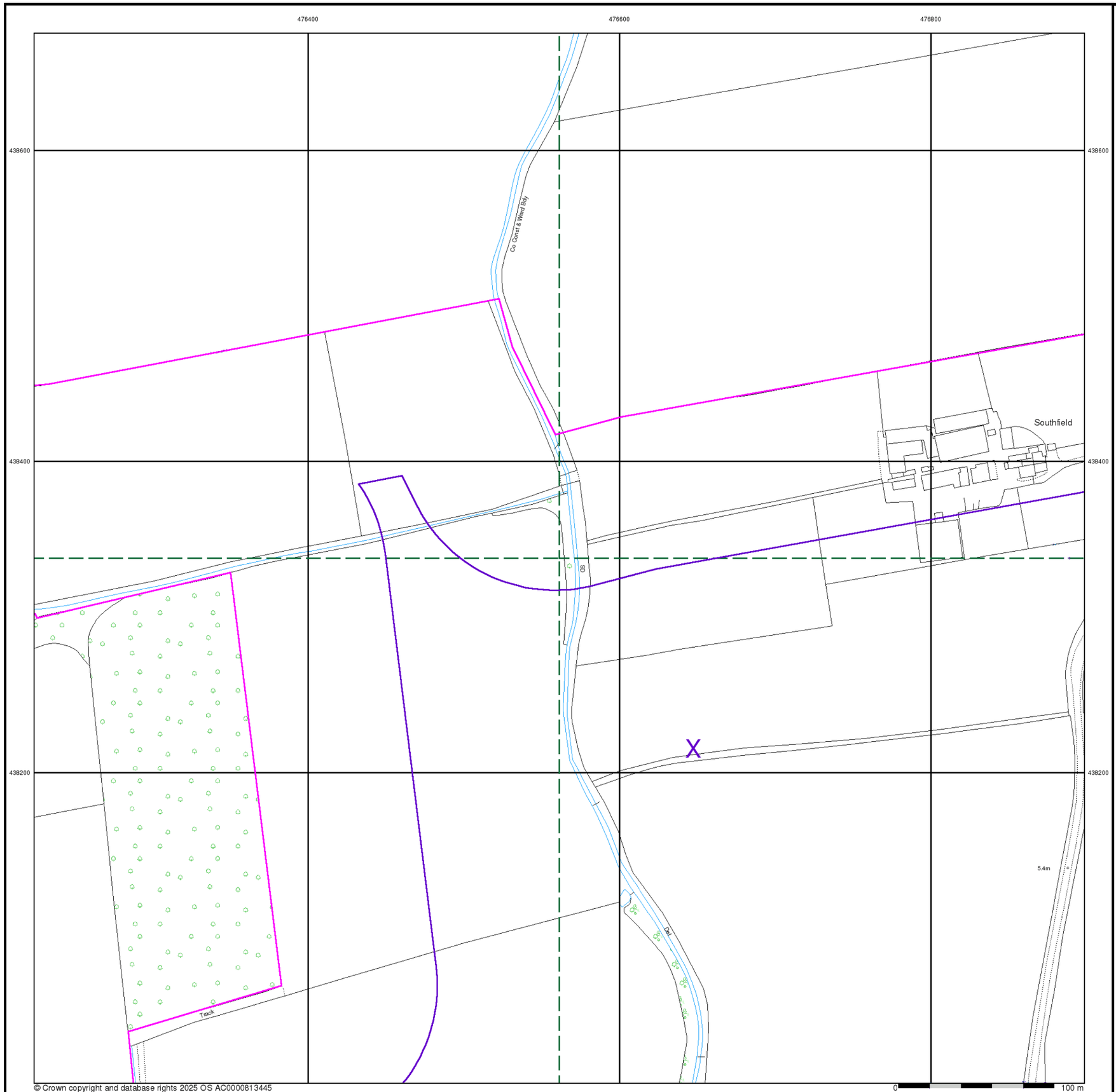


General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Map ID
- Several of Type at Location
- Pylon
- Overhead Transmission Line

Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
- Discharge Consent
- Enforcement or Prohibition Notice
- Integrated Pollution Control
- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Prevention and Control
- Local Authority Pollution Prevention and Control
- Local Authority Pollution Prevention and Control Enforcement
- Pollution Incident to Controlled Waters
- Historical Prosecutions
- Prosecutions
- Registered Radioactive Substance
- River Network or Water Feature
- Substantiated Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral

Waste

- BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
- EA Historic Landfill (Buffered Point)
- EA Historic Landfill (Polygon)
- Integrated Pollution Control Registered Waste Site
- Licensed Waste Management Facility (Landfill Boundary)
- Licensed Waste Management Facility (Location)
- Local Authority Recorded Landfill Site (Location)
- Local Authority Recorded Landfill Site
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Registered Landfill Site
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

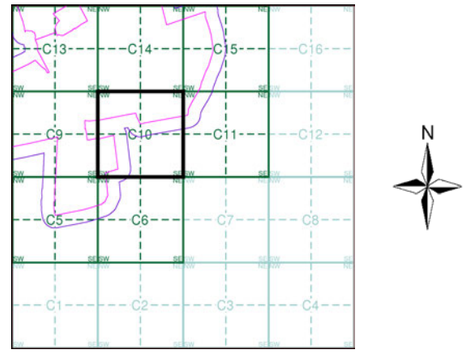
Hazardous Substances

- COMAH Site
- Explosive Site
- NIHHS Site
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Enforcement

Geological

- BGS Recorded Mineral Site

Site Sensitivity Map - Segment C10



Order Details

Order Number:	370061200_1_1
Customer Ref:	P02153163
National Grid Reference:	476650, 438220
Slice:	C
Site Area (Ha):	1888.5
Plot Buffer (m):	100

Site Details

Mylen Leah

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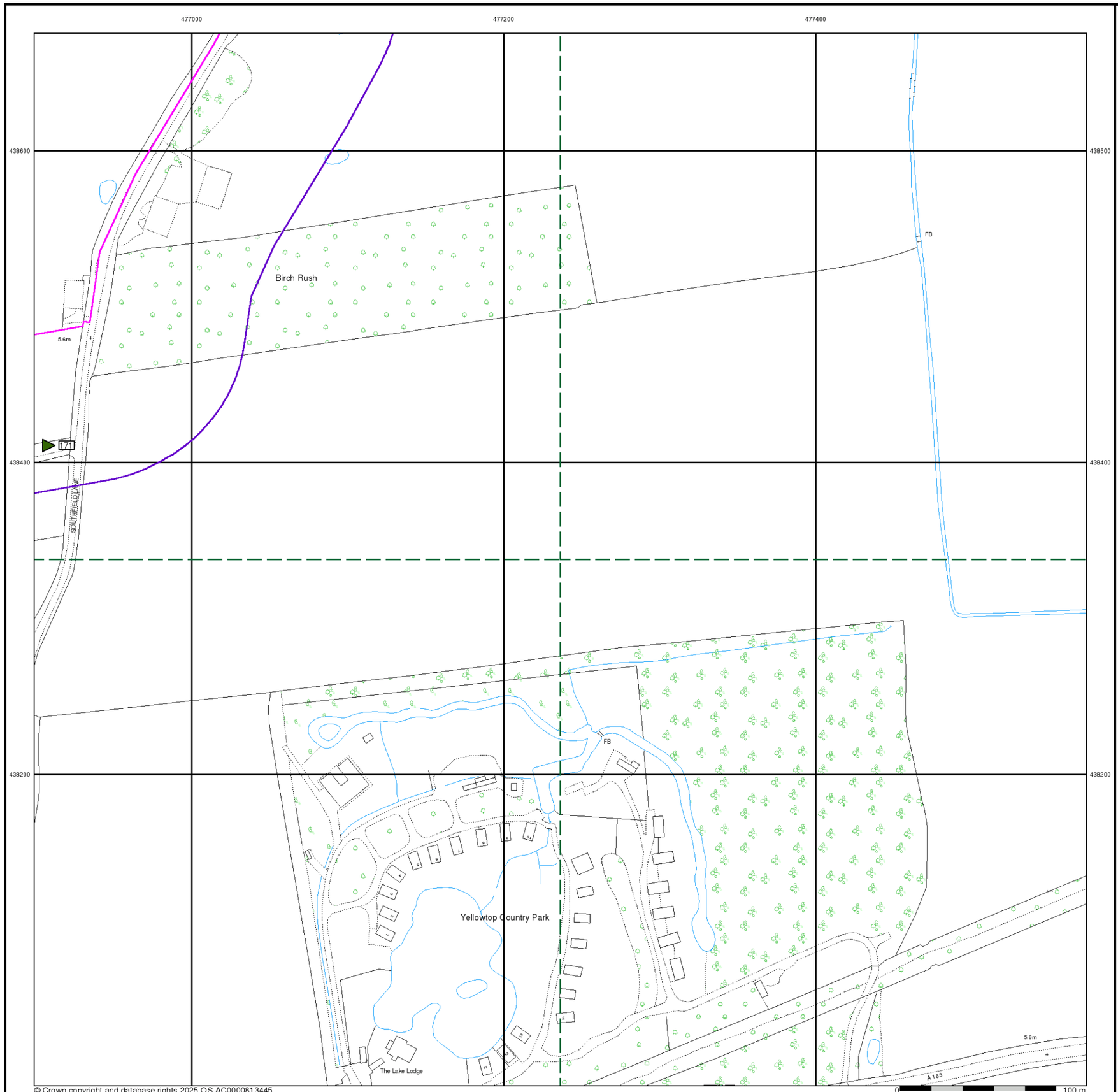


General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Map ID
- Several of Type at Location
- Pylon
- Overhead Transmission Line

Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
- Discharge Consent
- Enforcement or Prohibition Notice
- Integrated Pollution Control
- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Prevention and Control
- Local Authority Pollution Prevention and Control
- Local Authority Pollution Prevention and Control Enforcement
- Pollution Incident to Controlled Waters
- Historical Prosecutions
- Prosecutions
- Registered Radioactive Substance
- River Network or Water Feature
- Substantiated Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral

Waste

- BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
- EA Historic Landfill (Buffered Point)
- EA Historic Landfill (Polygon)
- Integrated Pollution Control Registered Waste Site
- Licensed Waste Management Facility (Landfill Boundary)
- Licensed Waste Management Facility (Location)
- Local Authority Recorded Landfill Site (Location)
- Local Authority Recorded Landfill Site
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Registered Landfill Site
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

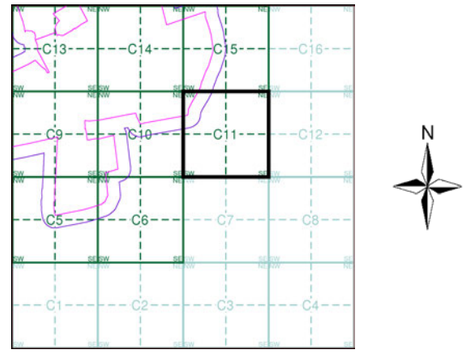
Hazardous Substances

- COMAH Site
- Explosive Site
- NIHHS Site
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Enforcement

Geological

- BGS Recorded Mineral Site

Site Sensitivity Map - Segment C11



Order Details

Order Number:	370061200_1_1
Customer Ref:	P02153163
National Grid Reference:	476650, 438220
Slice:	C
Site Area (Ha):	1888.5
Plot Buffer (m):	100

Site Details

Mylen Leah

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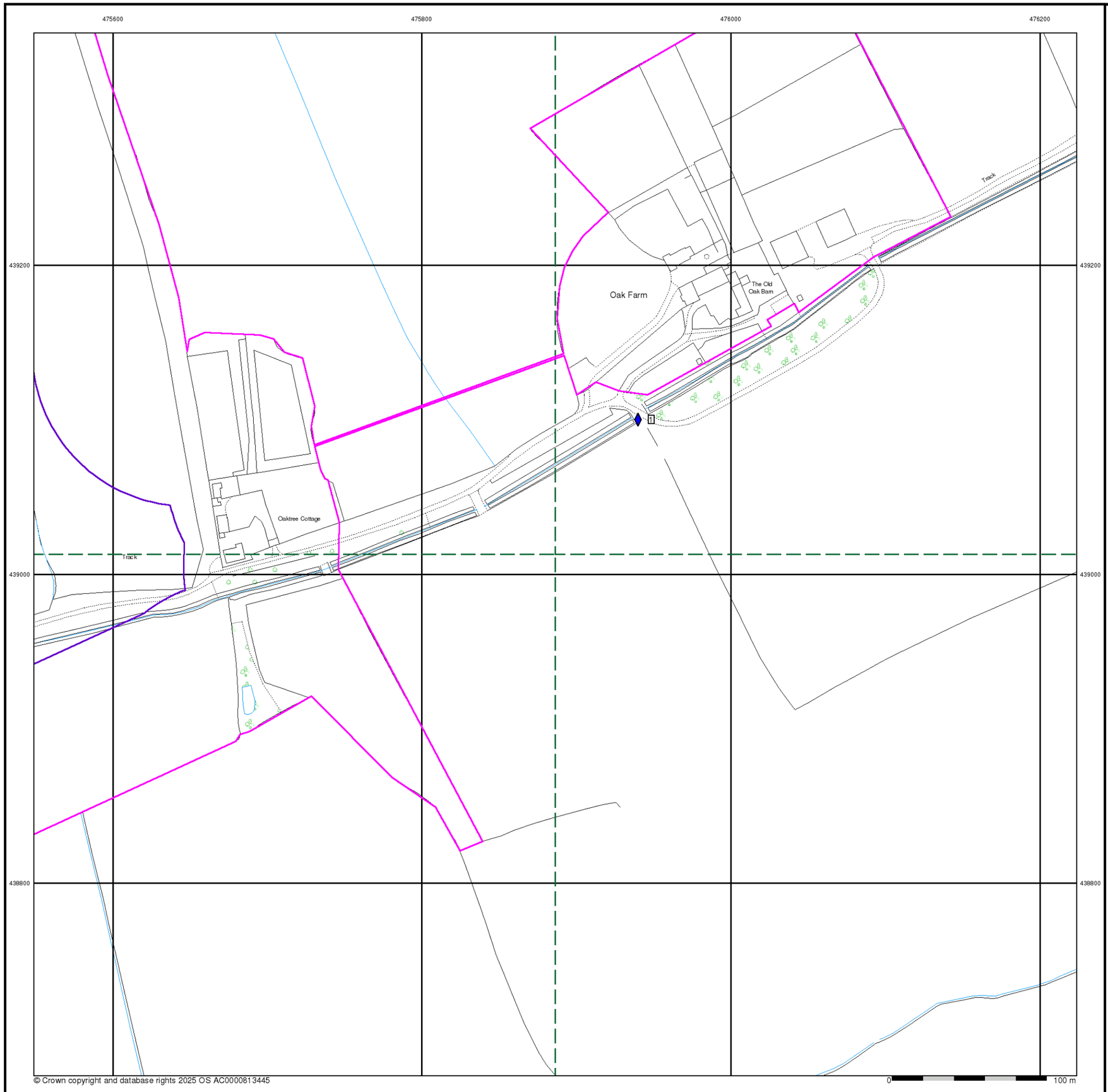


RSK

General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Map ID
- Several of Type at Location
- Pylon
- Overhead Transmission Line

Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
- Discharge Consent
- Enforcement or Prohibition Notice
- Integrated Pollution Control
- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Prevention and Control
- Local Authority Pollution Prevention and Control
- Local Authority Pollution Prevention and Control Enforcement
- Pollution Incident to Controlled Waters
- Historical Prosecutions
- Prosecutions
- Registered Radioactive Substance
- River Network or Water Feature
- Substantiated Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral

Waste

- BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
- EA Historic Landfill (Buffered Point)
- EA Historic Landfill (Polygon)
- Integrated Pollution Control Registered Waste Site
- Licensed Waste Management Facility (Landfill Boundary)
- Licensed Waste Management Facility (Location)
- Local Authority Recorded Landfill Site (Location)
- Local Authority Recorded Landfill Site
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Registered Landfill Site
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

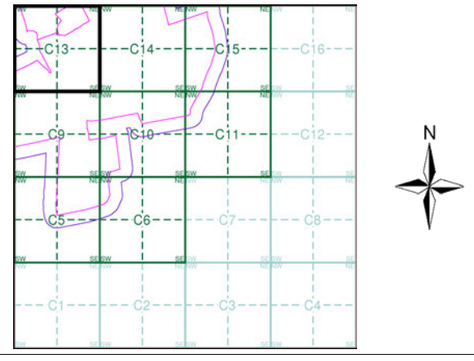
Hazardous Substances

- COMAH Site
- Explosive Site
- NIHHS Site
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Enforcement

Geological

- BGS Recorded Mineral Site

Site Sensitivity Map - Segment C13



Order Details

Order Number:	370061200_1_1
Customer Ref:	P02153163
National Grid Reference:	476650, 438220
Slice:	C
Site Area (Ha):	1888.5
Plot Buffer (m):	100

Site Details

Mylen Leah

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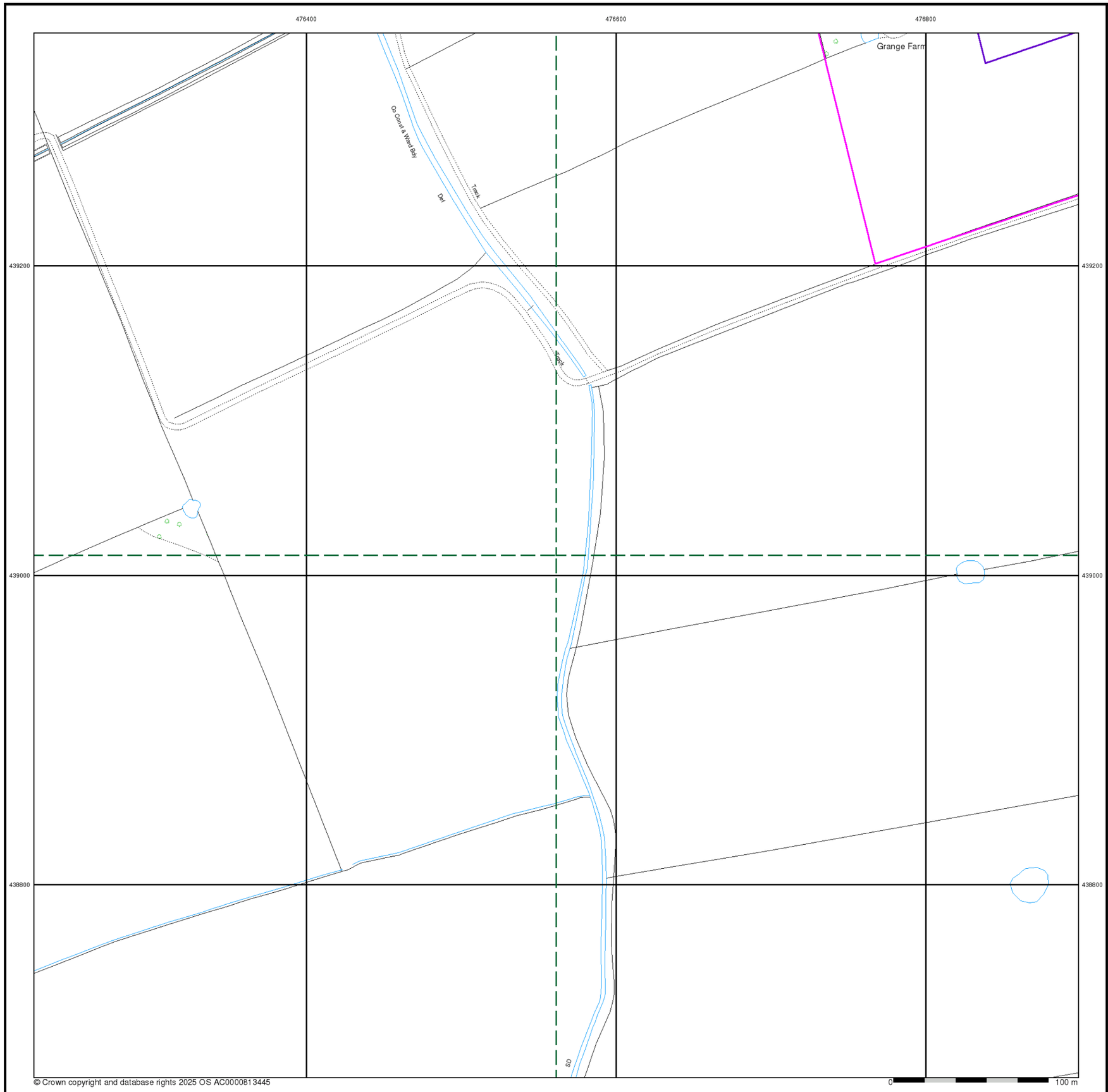


General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Map ID
- Several of Type at Location
- Pylon
- Overhead Transmission Line

Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
- Discharge Consent
- Enforcement or Prohibition Notice
- Integrated Pollution Control
- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Prevention and Control
- Local Authority Pollution Prevention and Control
- Local Authority Pollution Prevention and Control Enforcement
- Pollution Incident to Controlled Waters
- Historical Prosecutions
- Prosecutions
- Registered Radioactive Substance
- River Network or Water Feature
- Substantiated Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral

Waste

- BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
- EA Historic Landfill (Buffered Point)
- EA Historic Landfill (Polygon)
- Integrated Pollution Control Registered Waste Site
- Licensed Waste Management Facility (Landfill Boundary)
- Licensed Waste Management Facility (Location)
- Local Authority Recorded Landfill Site (Location)
- Local Authority Recorded Landfill Site
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Registered Landfill Site
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

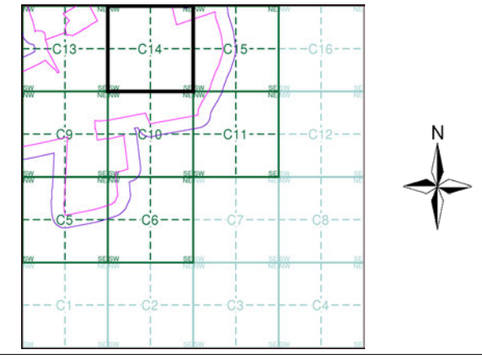
Hazardous Substances

- COMAH Site
- Explosive Site
- NIHHS Site
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Enforcement

Geological

- BGS Recorded Mineral Site

Site Sensitivity Map - Segment C14



Order Details

Order Number:	370061200_1_1
Customer Ref:	P02153163
National Grid Reference:	476650, 438220
Slice:	C
Site Area (Ha):	1888.5
Plot Buffer (m):	100

Site Details

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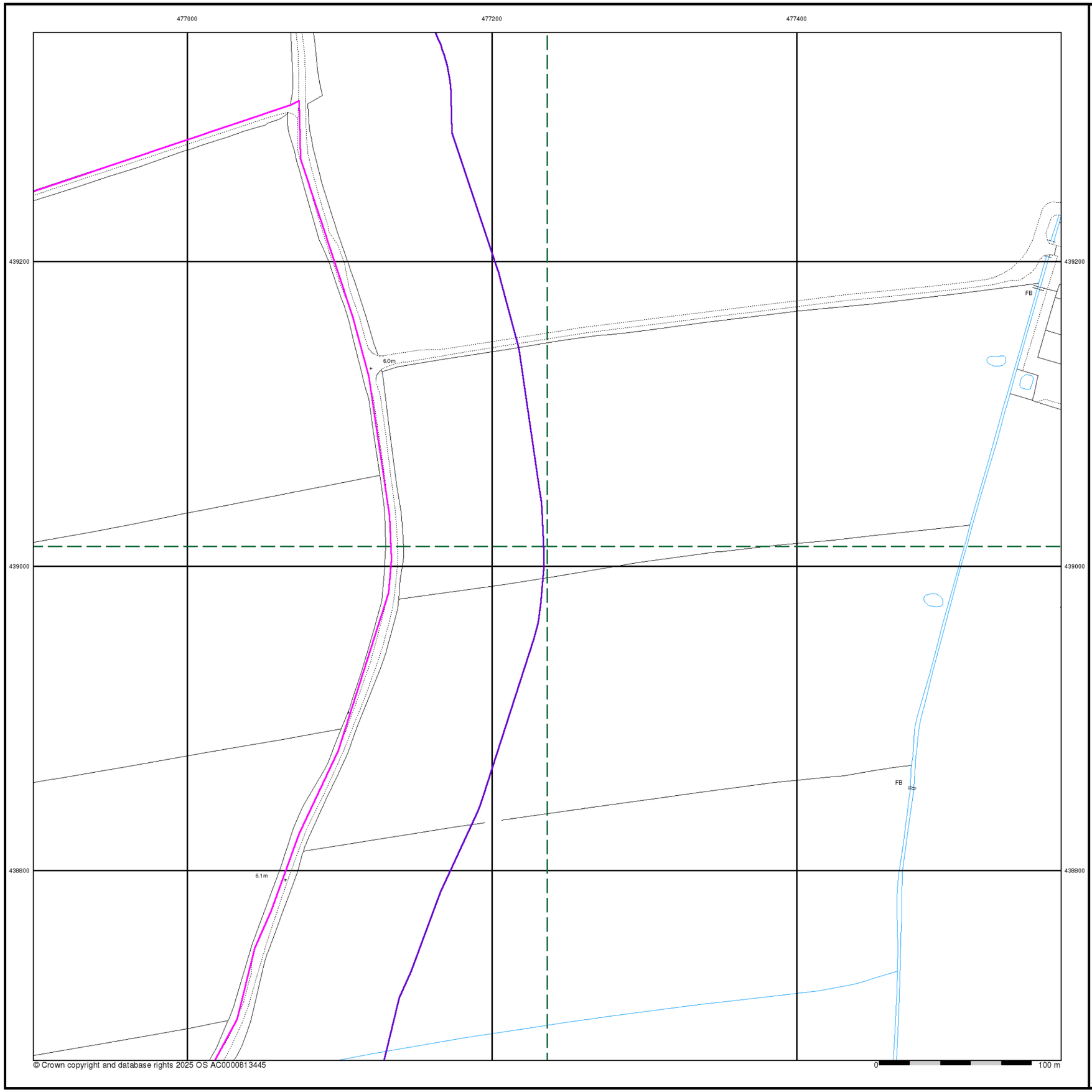


General

Specified Site
Specified Buffer(s)
Bearing Reference Point
Map ID
Several of Type at Location
Pylon
Overhead Transmission Line

Agency and Hydrological

Contaminated Land Register Entry or Notice (Location)
Contaminated Land Register Entry or Notice
Discharge Consent
Enforcement or Prohibition Notice
Integrated Pollution Control
Integrated Pollution Prevention Control
Local Authority Integrated Pollution Prevention and Control
Local Authority Pollution Prevention and Control
Local Authority Pollution Prevention and Control Enforcement
Pollution Incident to Controlled Waters
Historical Prosecutions
Prosecutions
Registered Radioactive Substance
River Network or Water Feature
Substantiated Pollution Incident Register
Water Abstraction
Water Industry Act Referral

Waste

BGS Recorded Landfill Site (Location)
BGS Recorded Landfill Site
EA Historic Landfill (Buffered Point)
EA Historic Landfill (Polygon)
Integrated Pollution Control Registered Waste Site
Licensed Waste Management Facility (Landfill Boundary)
Licensed Waste Management Facility (Location)
Local Authority Recorded Landfill Site (Location)
Local Authority Recorded Landfill Site
Potentially Infilled Land (Non-water)
Potentially Infilled Land (Non-water)
Potentially Infilled Land (Non-water)
Potentially Infilled Land (Water)
Potentially Infilled Land (Water)
Potentially Infilled Land (Water)
Registered Landfill Site
Registered Landfill Site (Location)
Registered Landfill Site (Point Buffered to 100m)
Registered Landfill Site (Point Buffered to 250m)
Registered Waste Transfer Site (Location)
Registered Waste Transfer Site
Registered Waste Treatment or Disposal Site (Location)
Registered Waste Treatment or Disposal Site

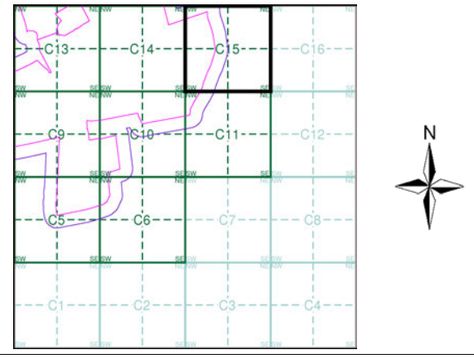
Hazardous Substances

COMAH Site
Explosive Site
NIHHS Site
Planning Hazardous Substance Consent
Planning Hazardous Substance Enforcement

Geological

BGS Recorded Mineral Site

Site Sensitivity Map - Segment C15



Order Details

Order Number:	370061200_1_1
Customer Ref:	P02153163
National Grid Reference:	476650, 438220
Slice:	C
Site Area (Ha):	1888.5
Plot Buffer (m):	100

Site Details

Mylen Leah

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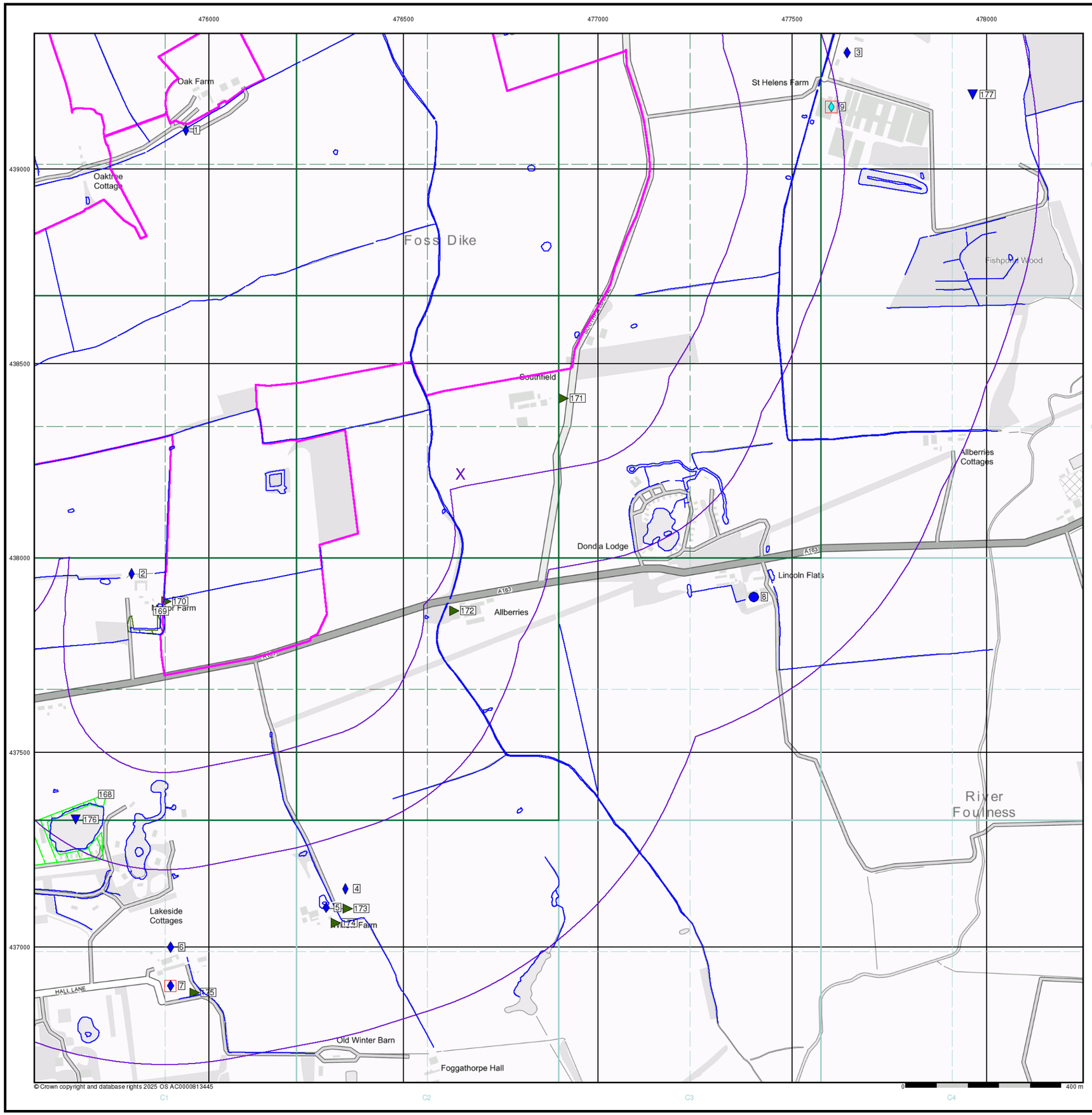

RSK

General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Map ID
- Several of Type at Location

Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
- Discharge Consent
- Enforcement or Prohibition Notice
- Integrated Pollution Control
- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Prevention and Control
- Local Authority Pollution Prevention and Control
- Local Authority Pollution Prevention and Control Enforcement
- Pollution Incident to Controlled Waters
- Historical Prosecutions
- Prosecutions
- Registered Radioactive Substance
- River Network or Water Feature
- Substantiated Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral

Waste

- BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
- EA Historic Landfill (Buffered Point)
- EA Historic Landfill (Polygon)
- Integrated Pollution Control Registered Waste Site
- Licensed Waste Management Facility (Landfill Boundary)
- Licensed Waste Management Facility (Location)
- Local Authority Recorded Landfill Site (Location)
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- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Registered Landfill Site
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

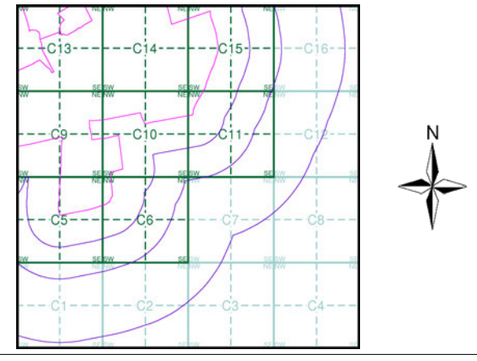
Hazardous Substances

- COMAH Site
- Explosive Site
- NIHHS Site
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Enforcement

Geological

- BGS Recorded Mineral Site

Site Sensitivity Map - Slice C



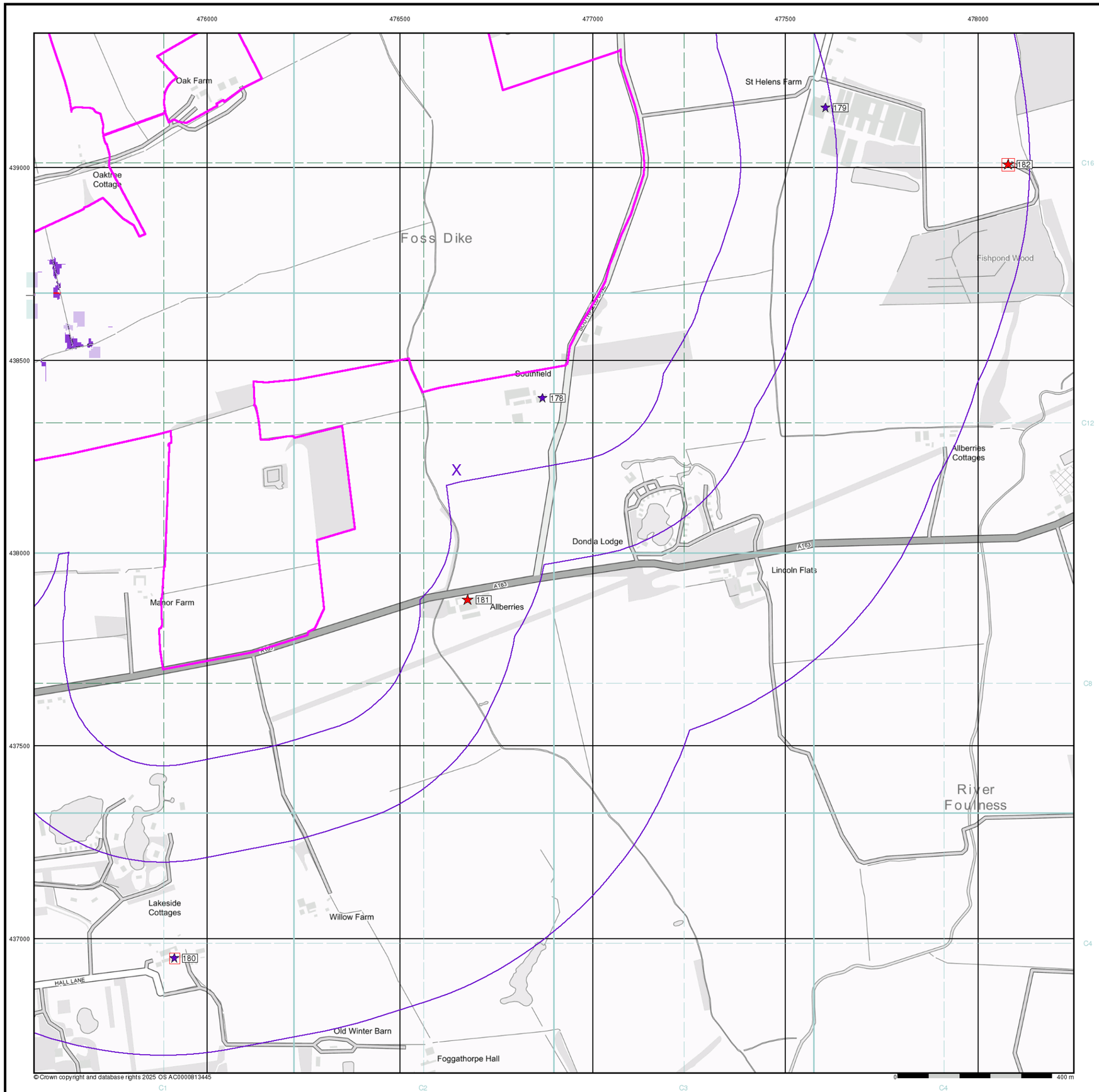
Order Details

Order Number:	370061200_1_1
Customer Ref:	P02153163
National Grid Reference:	476650, 438220
Slice:	C
Site Area (Ha):	1888.5
Search Buffer (m):	1000

Site Details

Mylen Leah

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



RSK

Industrial Land Use Map

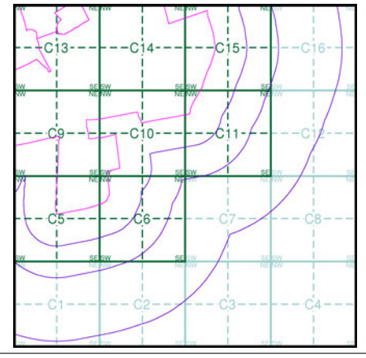
General

Specified Site
Specified Buffer(s)
Bearing Reference Point
Slice
Map ID

Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry
- Points of Interest - Commercial Services
- Points of Interest - Education and Health
- Points of Interest - Manufacturing and Production
- Points of Interest - Public Infrastructure
- Points of Interest - Recreational and Environmental
- Underground Electrical Cables

Industrial Land Use Map - Slice C



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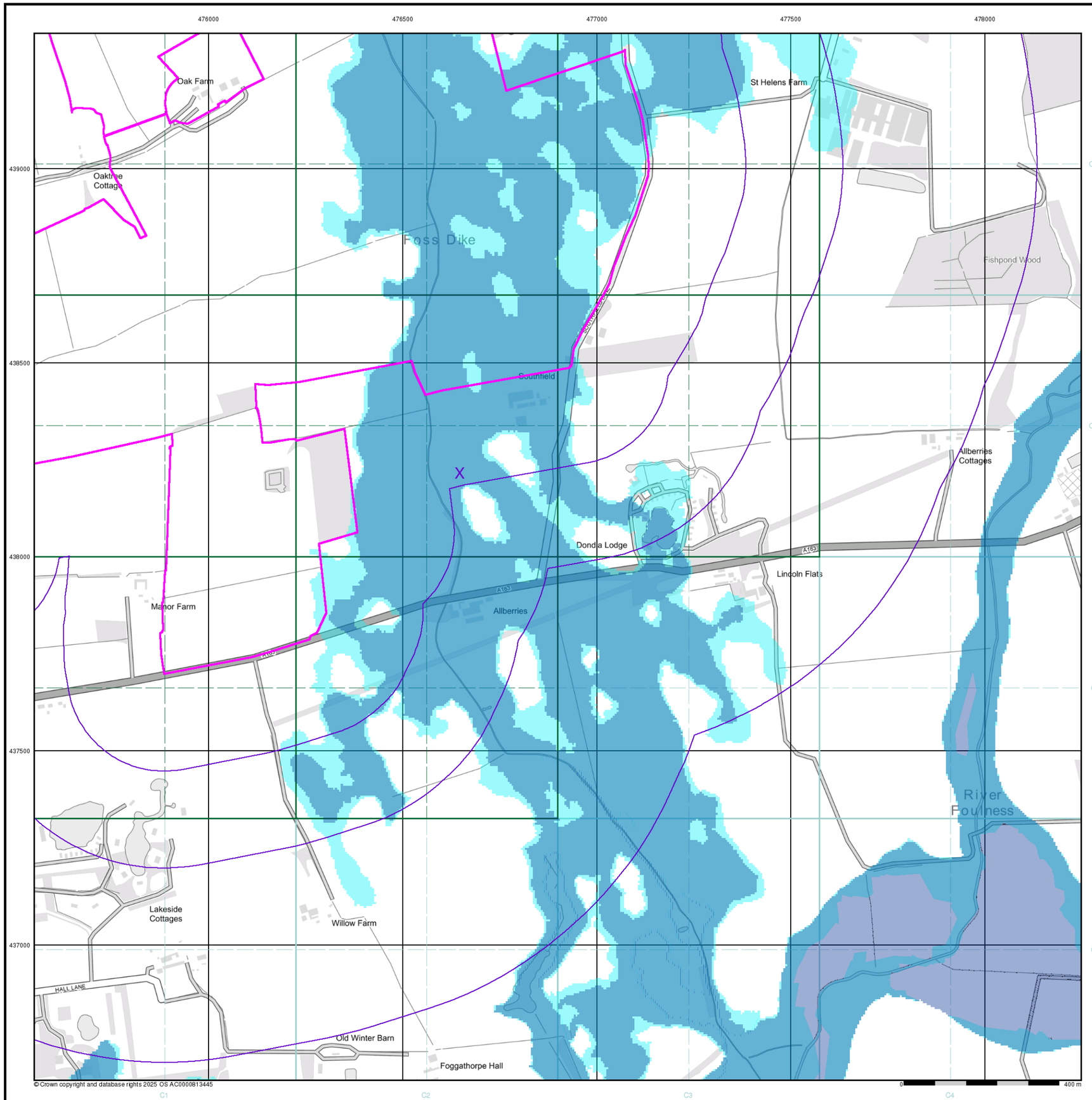


RSK

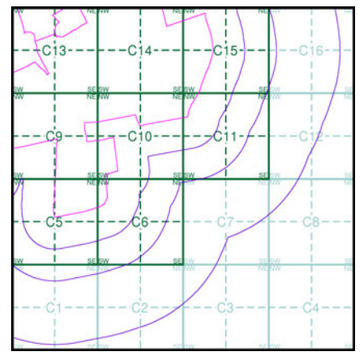
General

- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point

Agency and Hydrological (Flood)

- Extreme Flooding from Rivers or Sea without Defences (Zone 2)
- Flooding from Rivers or Sea without Defences (Zone 3)
- Area Benefiting from Flood Defence
- Flood Water Storage Areas
- Flood Defence

Flood Map - Slice C



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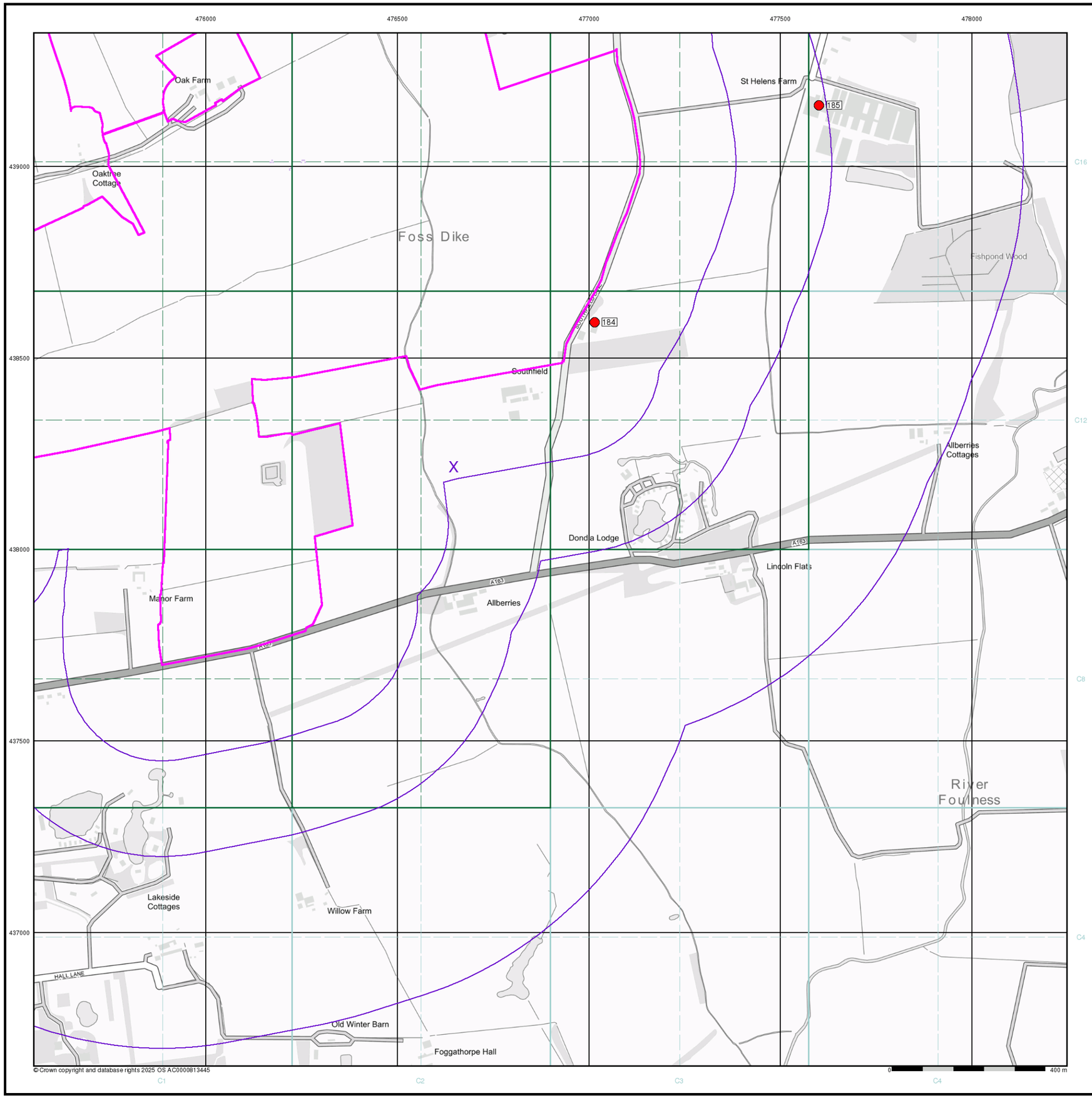


General

- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point
- Map ID
- Several of Type at Location

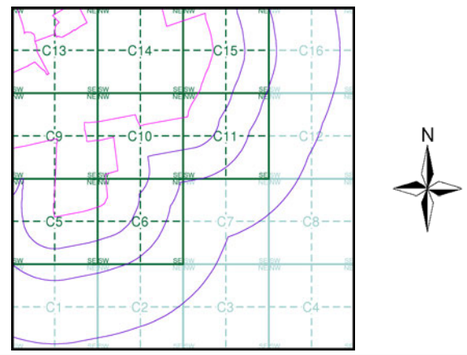
Agency and Hydrological (Boreholes)

- BGS Borehole Depth 0 - 10m
- BGS Borehole Depth 10 - 30m
- BGS Borehole Depth 30m +
- Confidential
- Other

For Borehole information please refer to the Borehole .csv file which accompanied this slice.

A copy of the BGS Borehole Ordering Form is available to download from the Support section of www.envirocheck.co.uk.

Borehole Map - Slice C



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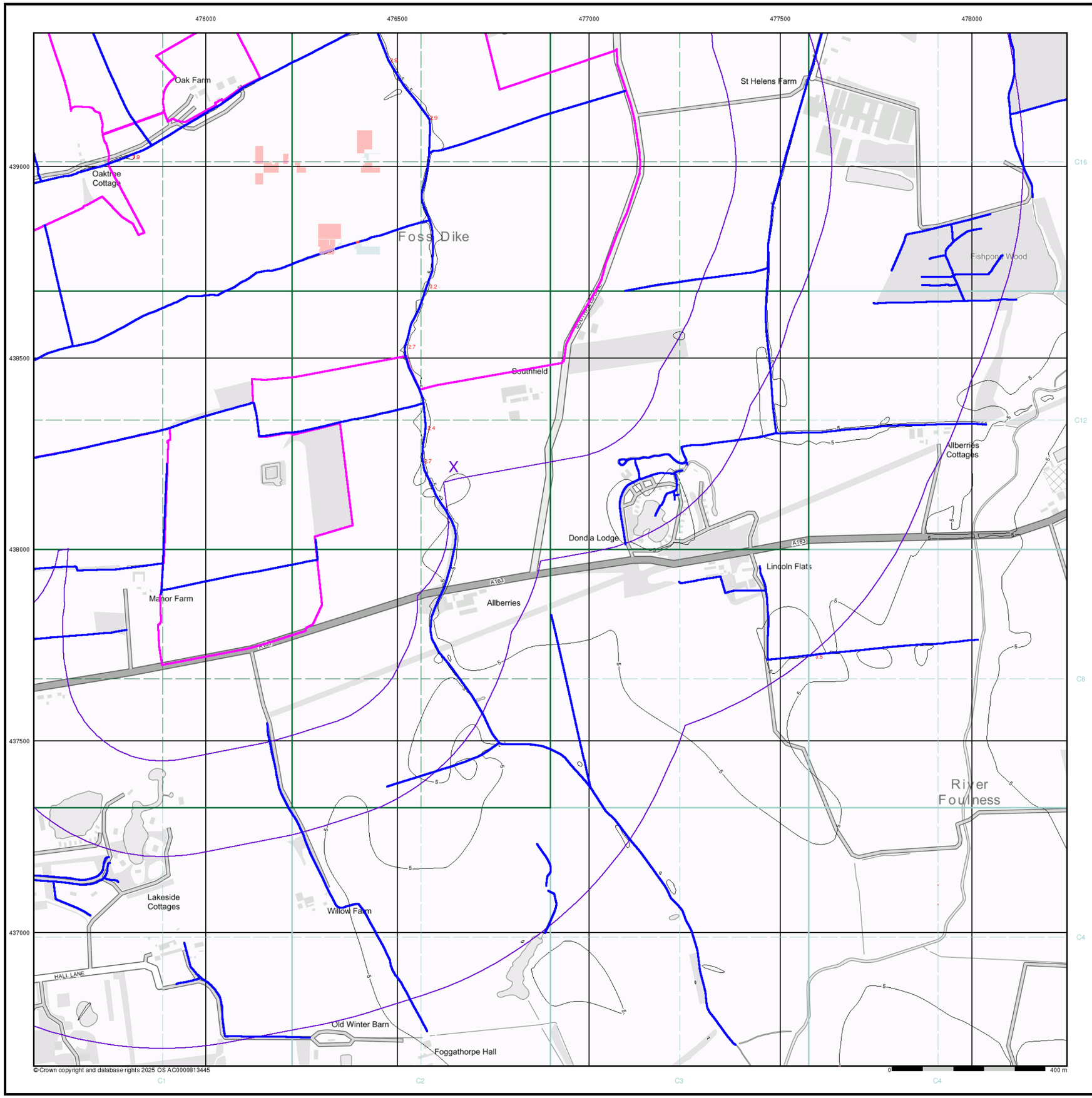


RSK

General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

OS Water Network Data

- Canal
- Reservoir
- Foreshore
- Marsh
- Tidal River
- Inland River
- Drain
- Other
- Lake
- Transfer
- Lock Or Flight Of Locks
- Sea

Contours (height in meters)

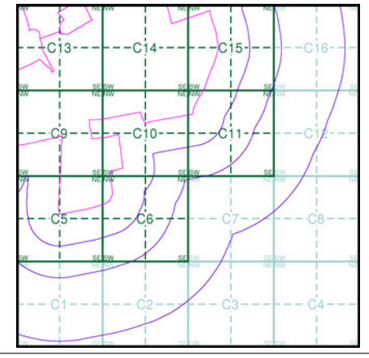
Standard Contour 105 100 95

Master Contour

Spot Height 167.3

- MLW Mean Low Water
- MHW Mean High Water

OS Water Network Map - Slice C



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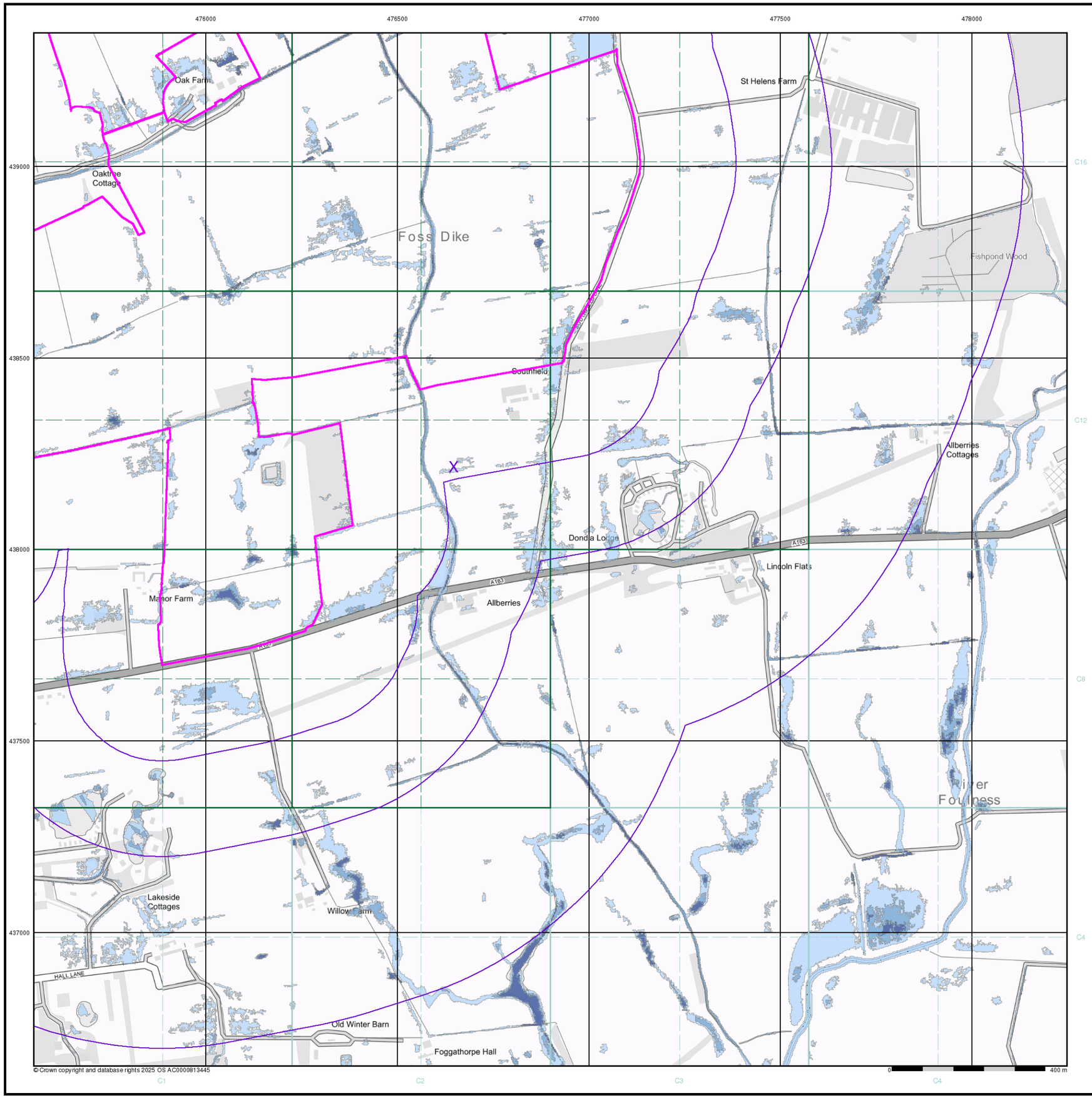


RSK

General

- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point

Risk of Flooding from Surface Water

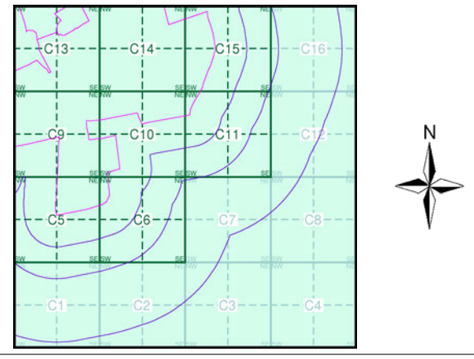
- High - 30 Year Return
- Medium - 100 Year Return
- Low - 1000 Year Return

Suitability

See the suitability map below

- National to county
- County to town
- Town to street
- Street to parcels of land
- Property

EA/NRW Suitability Map - Slice C



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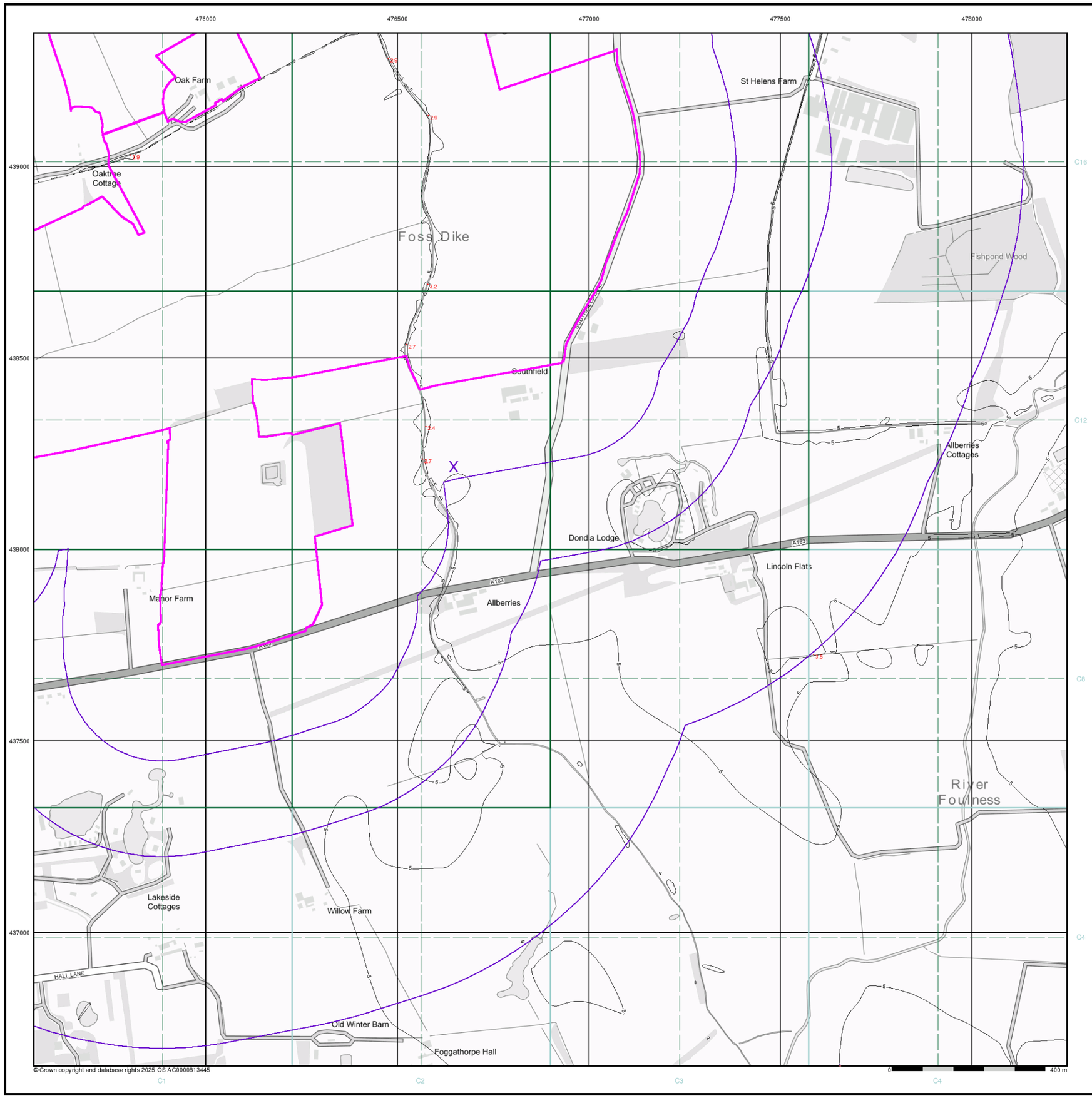


RSK

WFD Surface Waters Map

General

Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

Water Framework Directive - Surface Water Quality

- High
- Good
- Moderate
- Poor
- Bad

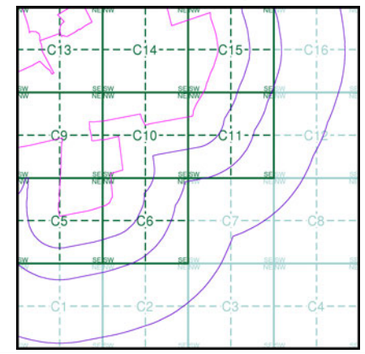
Contours (height in meters)

Standard Contour 105 100 95 — MLW Mean Low Water

Master Contour — MHW Mean High Water

Spot Height * 167.3

WFD Surface Waters Map - Slice C



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National Grid Reference:	476650, 438220
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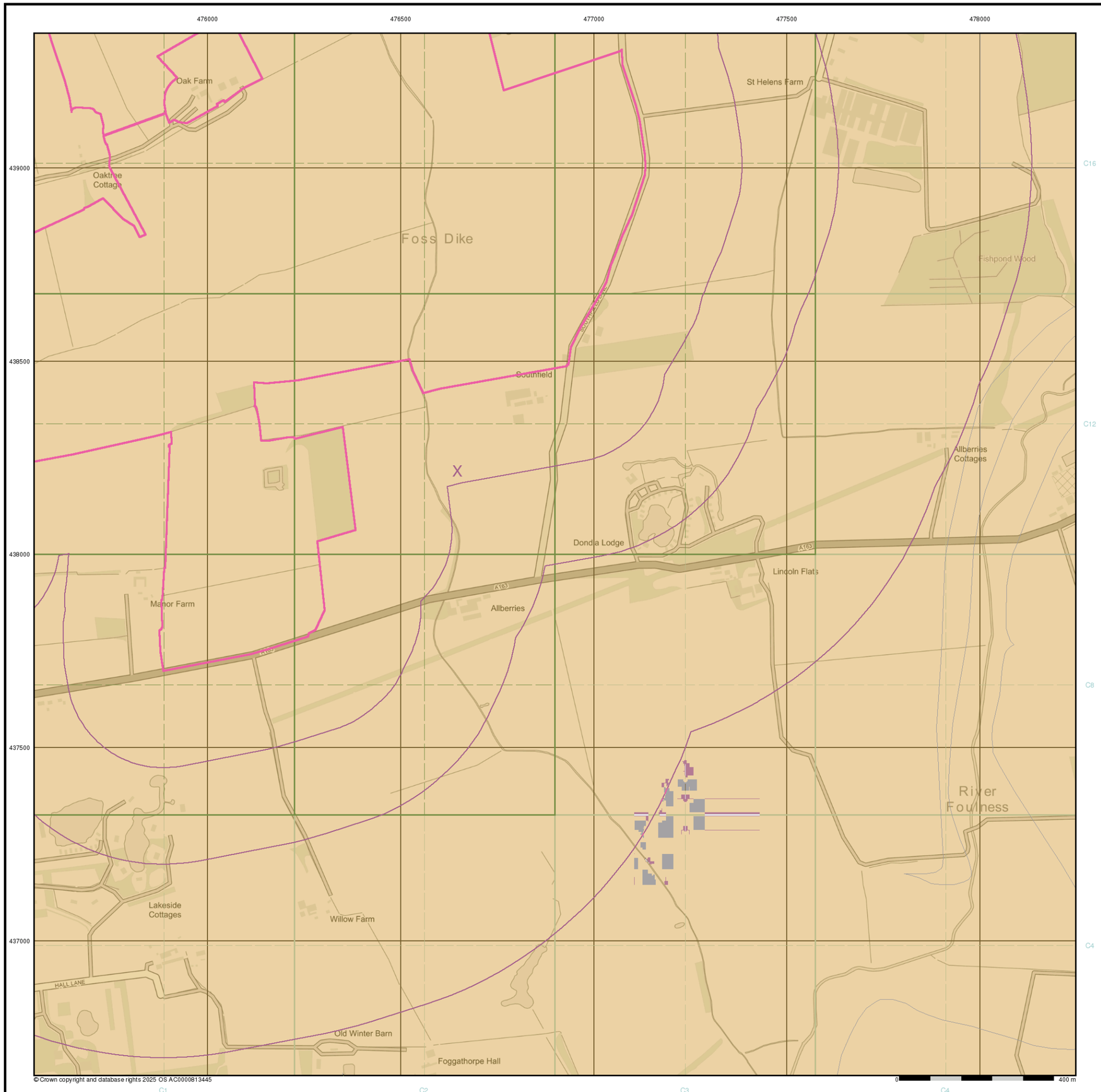


RSK

General

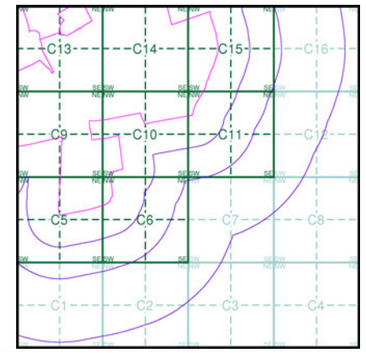
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg

- < 15
- 15 - 25
- 25 - 35
- 35 - 45
- 45 - 60
- 60 - 120
- > 120

Estimated Soil Chemistry Arsenic - Slice C



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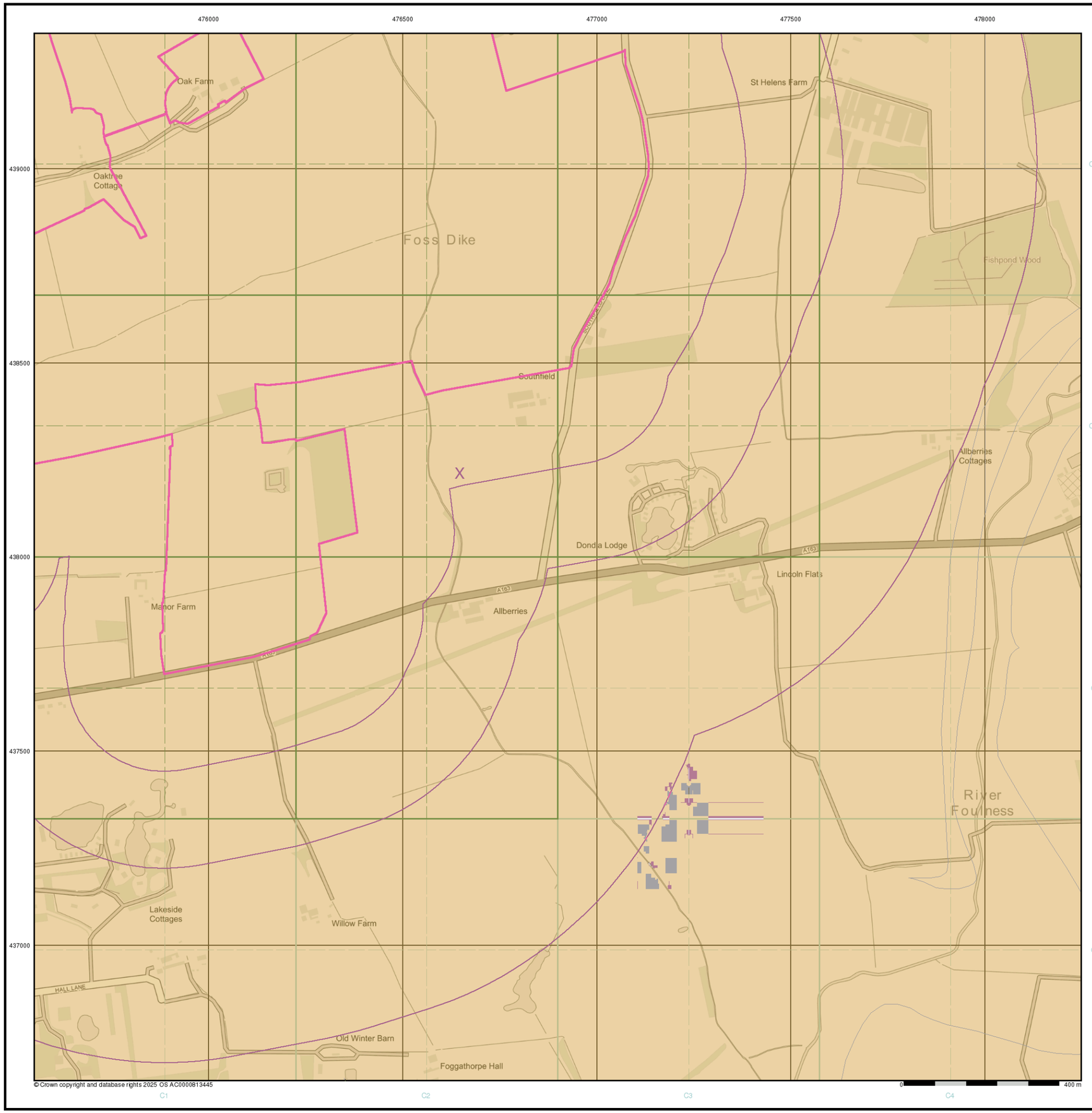


RSK

General

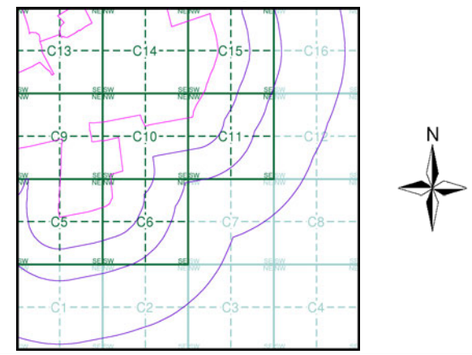
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg

- < 1.8
- 1.8 - 2.2
- 2.2 - 3.0
- > 3.0

Estimated Soil Chemistry Cadmium - Slice C



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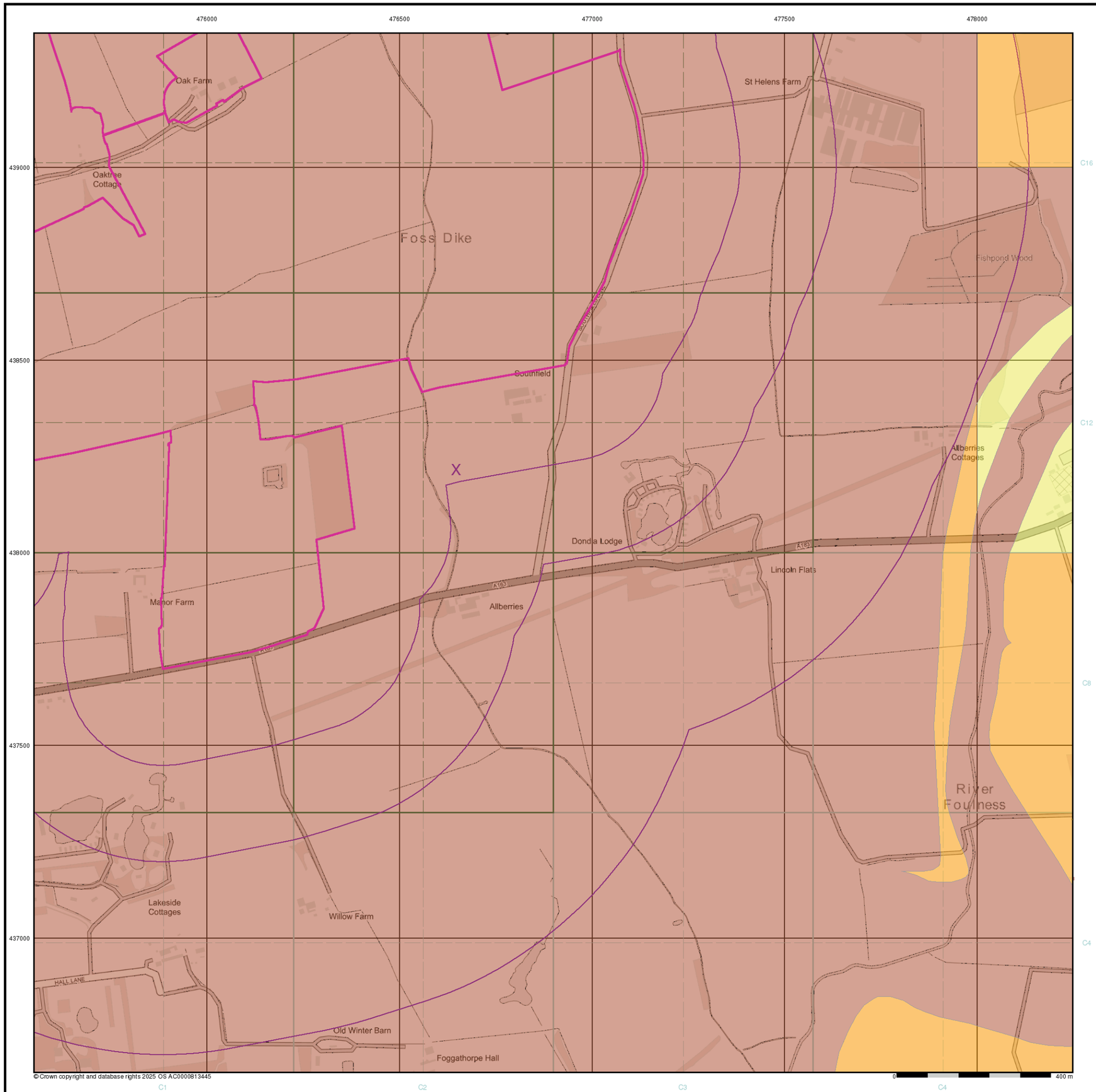


RSK

General

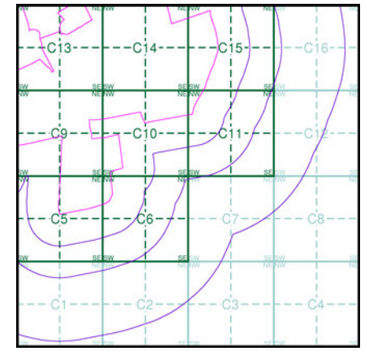
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg

- < 20
- 20 - 40
- 40 - 60
- 60 - 90
- 90 - 120
- 120 - 180
- > 180

Estimated Soil Chemistry Chromium - Slice C



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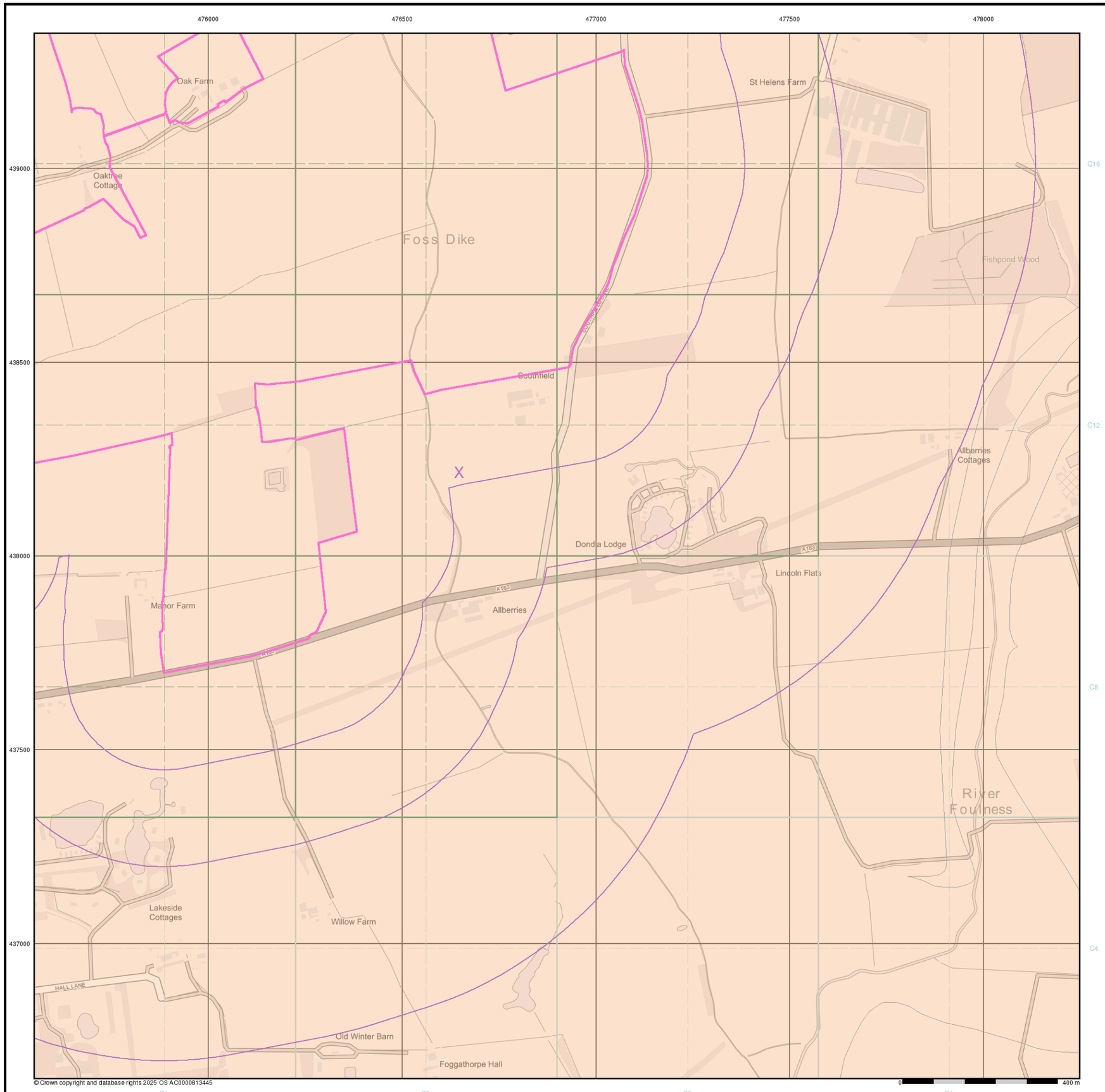


RSK

General

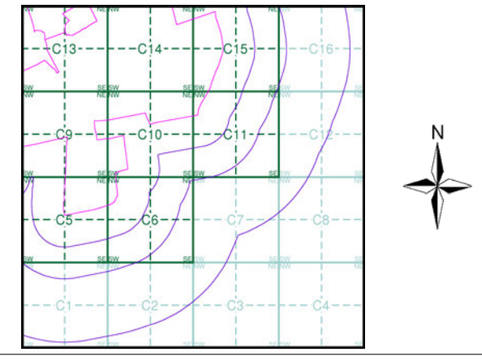
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg

- <100 mg/kg
- 100 - 200
- 200 - 300
- 300 - 600
- 600 - 1200
- >1200

Estimated Soil Chemistry Lead - Slice C



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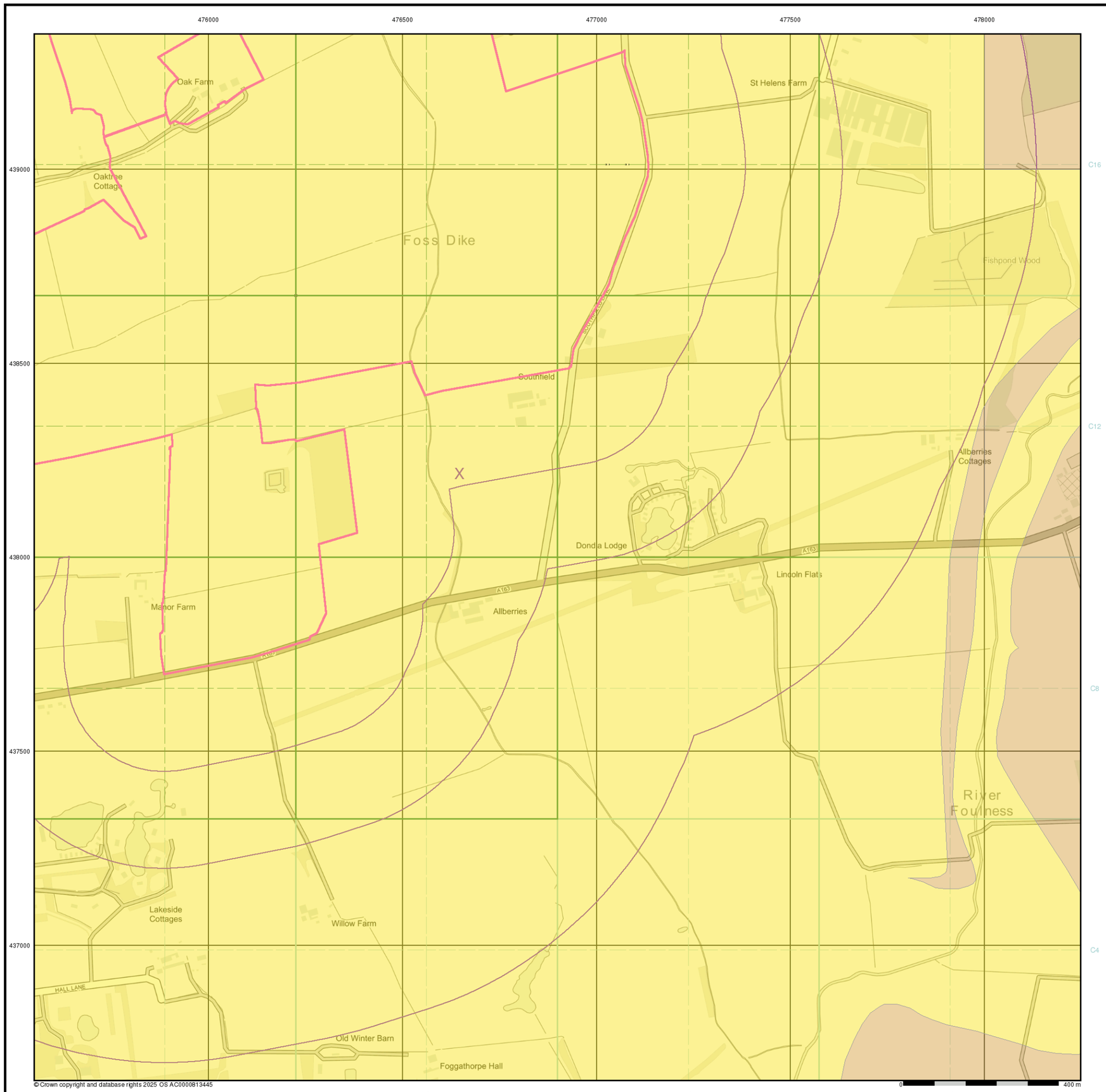


RSK

General

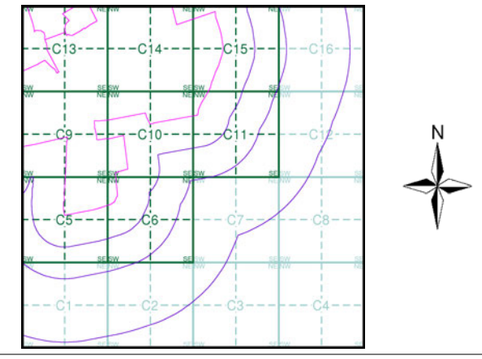
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg

- < 15
- 15 - 30
- 30 - 45
- 45 - 60
- 60 - 80
- 80 - 100
- > 100

Estimated Soil Chemistry Nickel - Slice C



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Appendix B Third Party Data

DRILLING AND COMPLETION REPORT

Candecca Resources Limited

CANDECCA RESOURCES LIMITED - SCURRY-RAINBOW OIL (UK) LIMITED

SEATON ROSS NO. 1

SE 77014 : 38593
E.Yorks - England

Farries Engineering Ltd.
Petroleum Consultants,
435 Fifth Street, S.W.,
Calgary, Alberta T2P 1V5,
Canada.

TABLE OF CONTENTS

WELL SUMMARY

WELL NAME: CANDECCA - Scurry-Rainbow
Seaton Ross No. 1

LOCATION: SE 77014 : 38593

EVALUATIONS: Ground 18.2' AOD Rotary Table 30.9' AOD
Rotary Table to KB 1.3'

TOTAL DEPTH: 3400'

OPERATOR: Candecca Resources Limited

CONTRACTOR: Kenting Petrolia Drilling Ltd. Rig No. 12
Toolpush : Gerald Smyth

SUPERVISION: Farries Engineering Ltd.
Engineer: R. B. Macpherson

SPUD DATE: 07.00 hrs April 15, 1973

CASING: Surface - 6 joints (241.15') 9-5/8", 43.5 lbs N80
Landed at 233' KB
Intermediate - 40 joints (1594.03') 7", 23 lbs/ft J55
Landed at 1583' KB

HOLE SIZE:

0 - 233'	12-1/4"
233' - 1583'	8-1/2"
1584 - 3400'	6-1/4"

LOGS: Schlumberger

DILL	3320' - 1575'
BHC-Sonic-GRC	3329' - 1575'(sonic)
	3329' - 50'(gamma)
CN FDL	3323' - 1575'

Coal Board

	Gamma - Neutron	3320' - 2570'
	Focused Electric	3320' - 2570'
CORES:	None	
TESTS:	DST No. 1	1821' - 1846'
	DST No. 2	2095' - 2120'
	DST No. 3	1910' - 2050'
RIG RELEASED:	0500 hrs April 25, 1973.	
STATUS	Dry and abandoned.	

DAILY CHRONOLOGICAL SUMMARY

Date	Day	Depth	Operation
Apr15/73	1	49	Drilling. Spud 0700 hrs. Apr15/73.
Apr16/73	2	415	Drilling. Ran 9-5/8" casing. Cemented casing with 150 sks cement Good returns. Headed up. Pressure tested to 500 psi. Drilled out.
Apr17/73	3	1450	Tripping - lost circulation in Bunter. Mixing Kwik-seal.
Apr18/73	4	1583	Preparing to drill out. Ran 40 joints 7" casing. Cemented casing. Good returns. Headed up.
Apr19/73	5	1968	Drilling - Ran DST No. 1 from 1821' to 1846'
Apr20/73	6	2295	Drilling - Ran DST No. 2 from 2095' to 2120'
Apr21/73	7	2570	Drilling
Apr22/73	8	3005	Drilling - Bridge at 2713' on trip 40' Fill.
Apr23/73	9	3400	Tripping out to log. Bridges at 3246' and 3339' on 15 std dummy trip. Four std dummy trip okay.
Apr24/73	10	3400	W.O.C.- Schlumberger and Coal Board logged. Unable to run below 3330'. Ran in with open ended pipe. No bridges. Ran plug No. 1 from 3400' to 2700' with 145 sks cement. Ran plug No. 2 from 2700 to 2050' with 145 sks cement. Plug down at 0345 hrs.
Apr25/73	11	3400	TORT Felt plug No. 2 at 2050' at 12 noon Ran DST No. 3 from 1910' to 2050'. Ran plug No. 3 from 2050' to 1350' with 250 sacks cement plus 2% $CaCl_2$. Plug down at 2000hrs Felt plug No. 3 at 1210' at 0030hrs Rig released at 05.00 Apr.25/73.

BIT RECORD

NO.	TYPE	SER.NO.	SIZE	DEPTH OUT	FEET DRLD	HRS	CUM HRS	WT	RPM	PUMP PRESS	NOZ	COND
1A	OSC-3	Rerun	12-1/4	233	233	6-1/4	-	4	160	200	-	-
1	X3A	84366	8-1/2	1450	1217	14	14	30/12	120/60	250	11-11-10	5-1-1
2	X16	26609	8-1/2	1583	133	4-3/4	18-3/4	30	80	250	11-11-10	6-2-1
3	M4N	387090	6-1/4	1846	263	7	25-3/4	20	100	500	10-10-10	2-6-1
4	M4N	387092	6-1/4	2120	274	13-1/2	39-1/4	20	100	500	10-10-10	4-7-1
5	M4N	386996	6-1/4	2374	254	12-1/4	51-1/2	20	100	650	10-10-10	4-8-1
6	M4L	385429	6-1/4	2587	213	16-1/2	68	20	100	1000	11-11-10	3-8-1
7	M4L	385226	6-1/4	2940	353	16-1/4	84-1/4	20	80	1000	11-11-10	5-8-1
8	M4N	386993	6-1/4	3260	320	12-1/4	96-1/2	20	90	900	9- 9- 9	4-8-1
9	M4N	386994	6-1/4	3400	140	5-1/4	101-3/4	20	90	900	9- 9- 9	Rerun

SURVEY RECORD

Depth	Deviation
110	1
233	1-1/4
350	1
478	3/4
1029	2-1/4
1300	2-1/2
1400	2-1/4
1583	2
1846	2
2120	1
2374	3/4
3360	2
3400	2

MUD RECORD

DATE	DEPTH	WT	VIS	W.L.	PH	Additives (sacks)
pr.15/73	49		spud mud			Gel 20 Caustic 1
16	415	8.6	33	-	11	Kcl - 20 Kwikseal 2 Caustic 2 $CaCl_2$ 2
17	1450	8.8	28	14	11	Kcl - 20 Kwikseal 78 Mica 22 Hulls 12 Fibreseal 12 Drilling Detergent 10 Diesel 1200 gal.
18	1583	8.8	33	-	11	Gel - 24 KcL 50 Mica 43 Caustic 3 SS100 3 FLR 100 8 DF Vis 2 Diesel 300 gal.
19	1968	9.0	38	12	11	Gel 25 FLR 100 1
20	2295	9.1	41	8.4	10.4	Gel 15 Kcl 9 SS100 2 FLR 100 4 DF Vis 1
21	2570	9.3	44	8.2	10	Gel 16 Kcl 16 SS100 1 FLR100 4 Caustic 2
22	3005	9.2	46	8.2	11	Gel 16 Kcl 8 SS100 2 FLR100 6
23	3400	9.3	61	4.6	12	Gel 46 SS100 2 FLR100 2 Caustic 2 DFVis 2
24	3400					
25		Rig Released				

DRILL STEM TEST SUMMARY

Drill Stem Test No. 1 - Misrun — April 18 1973

Interval 1821 - 1846

PreFlow 3 Initial Shut in 30 Flow period 60 Final Shut in 60

Good initial puff. Weak air blow throughout test.

Pipe recovery 30 ft mud

IHP	875 psig	FHP	853 psig
ISI	688 "	FSI	633 "
IF	56 "	FF	56 "

Bottom hole temperature - 94°F

Drill Stem Test No. 2 — April 19 1973

Interval 2095 - 2120

PreFlow 2 Initial Shut in 30 Flow period 60 Final Shut in 60

Good initial puff. Strong air blow decreasing at end of test.

Pipe recovery - 2000 ft salt water

IHP	1024 psig	FHP	997 psig
ISI	929 "	FSI	942 "
IF	465 "	FF	929 "

Bottom hole temperature

Drill Stem Test No. 3 — April 24 1973

Interval 1910 - 2050

PreFlow 2 Initial Shut in 30 Flow period 120 Final Shut in 0

Good initial puff. Weak air blow throughout test.

Pipe recovery 90' mud

IHP	891 psig	FHP	891 psig
ISI	?	FSI	?
IF	0 "	FF	0 "

CASING REPORTS

Surface Casing

Ran 6 joints (241.15') 9-5/8" 43.5 lbs/ft N 80 Range 3 LT & C 8 RT casing.
Landed at 233' K.B.

Cemented with 150 sacks Class A cement plus 2% $CaCl_2$. Good returns.
Plug down 1715 hrs. April 15 1973.

Intermediate Casing

Ran 40 joints (1594.03) 7" 23 lbs/ft J55 Range 3 LT & C casing
Landed at 1583
Equipped with Baker Guide Shoe and Float Collar.
Centralizers on shoe joint, 3rd, 5th, 9th and 11th joints.

Cemented casing with 112 sacks Class A plus 8% gel and 90 sacks neat cement.
Good returns.
Plug down at 2140 hrs. April 17 1973.

CASING TALLY

Size - 9-5/8" O.D. Weight - 43 lbs/ft Grade - N80 Thread - 8 Rd LT&C

20.80	
40.02	
37.78	
40.18	
40.78	
41.17	
41.22	
261.95	
20.80	joint No. 1 left out
241.15	

No Float Equipment

CASING TALLY

Size - 7" Weight - 23 lbs/ft Grade - J 55 Thread - 8Rd

20.42	40.02	40.52	37.58	43.47	40.36
44.15	42.68	40.72	32.95	41.28	42.15
43.86	43.12	42.11	38.02	40.05	
34.53	41.11	41.76	42.37	39.53	
40.14	37.73	37.21	43.47	39.19	
41.57	43.00	43.40	40.64	41.25	
41.55	41.18	42.88	41.52	39.57	
44.05	39.00	39.13	41.93	34.88	
38.23	42.58	38.25	43.77	37.50	
43.89	34.48	37.35	38.45	39.38	
392.39	404.90	403.33	400.70	396.10	82.51

Total joints on lease - 52 Tally 2079.93

Delivered to lease from Goole - 51 Tally 2035.78

Delivered to lease from Pocklington - 1 Tally 44.15

Joints returned to Goole - No. 39, 41, 42, 43, 44, 45, 46, 47, 49, 50, 51, 52

No. of joints run in well - 40

Tally of 40 joints -	1592.43
Float Collar -	1.60
	1594.03
Less cut-off	20.40
	1573.63
Distance from KB to CF	11.40
	1585.03
Less makeup	2.00
Pipe landed	1583.03

LOG SUMMARY

April 23 1973 — Logged by Schlumberger Inland Services Ltd. and the National Coal Board.

Run No. 1 — Borehole Compensated Sonic Gamma Ray Caliper
Logged interval 3329' - 1575' (Sonic)
3329' - 50' (Gamma)

Run No. 2 — Dual Induction - Laterolog
Logged interval 3320' - 1575'

Run No. 3 — Compensated Neutron - Formation Density
Logged interval 3325' - 1575'

Run No. 4 — National Coal Board
Gamma Neutron - Over Coal Measures

Run No. 5 — National Coal Board
Focused electric 3320' - 2570'

PLUGGING SUMMARY

April 24 1973

Plug No. 1 3400 - 2700

Ran 145 sacks Class A cement. Plug down 0245 hrs.

Plug No. 2 2700 - 2050

Ran 145 sacks Class A cement. Plug down at 0345 hrs
Felt plug at 2050' at 1200 hrs.

Plug No. 3 2050 - 1350

Ran 250 sacks cement plus 2% $CaCl_2$. Plug down at 2000 hrs.
Felt plug at 1210' at 0030 hrs April 25/72

Department of Trade and Industry
(Petroleum Division),
Thames House South Millbank London SW1P 4QJ

Telegrams Advantage London SW1P 4QJ
Telephone 01-222 7000 ext 1571

R.E.Ford, Esq.,
Candecca Resources Limited,
Glen House,
Stag Place,
LONDON, S.W. 1.

Your reference

Our reference PET 145/175/22

Date 11 April 1973

Dear Sir,

PETROLEUM (PRODUCTION) REGULATIONS 1966

With reference to Mr. Acres' letter of 5th March 1973, as amended by your letter of 6th April 1973, I can inform you that the Secretary of State gives his consent under the provisions of model clause 13 of Schedule 3 of the above-mentioned Regulations incorporated in Production Licence No. PL 163 to the drilling of well "SEATON ROSS No.1" at the location of which the grid reference is SE 77003857.

This well is classified as an exploration well.

Will you please let me know immediately the starting date of drilling operations is known.

Yours faithfully,

B. SUTCLIFFE

c.c. Mr. J.B. Acres

BP PETROLEUM DEVELOPMENT LIMITED
EAKRING

TELEPHONE:
DILSTHORPE 201
TELEGRAMS:
BEEPEE—KNEESALL

Postal Address:
P.O. Box 1
Southwell, Notts NG25 0HZ

OUR REFERENCE SRS/A.1/382

26th April, 1973.

R. E. Ford Esq.,
Candecca Resources Limited,
Glen House,
Stag Place,
London S.W.1.

Dear Bob,

Seaton Ross No. 1 Borehole
Licence Area PL. 163

The Rotary Table and Ground elevations have been measured and the well centre surveyed in at Seaton Ross No. 1. The results are as follows:-

National Grid Reference:	SE 77014 38593
Longitude:	00° 49' 46.5" W.
Latitude:	53° 50' 15.5" N.
Rotary Table Elevation:	30.9 feet Above Ordnance Datum
Ground Level Elevation adjacent to well cellar:	18.2 feet Above Ordnance Datum

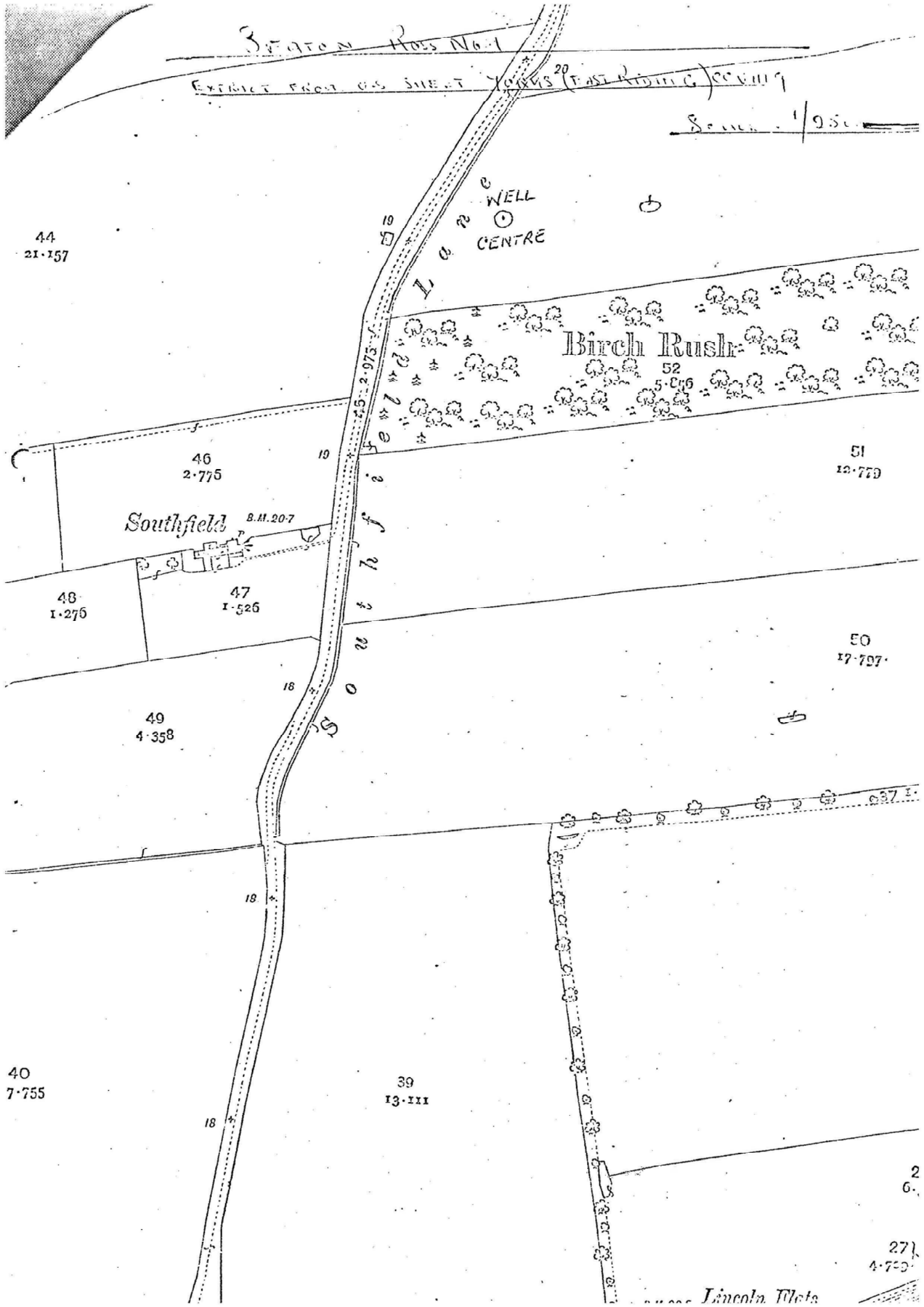
I enclose two copies of Site Plan No. 750 and two copies of an extract from the 1/2500 plan showing the position of the well-centre.

Yours sincerely,

John Acres.

J. B. Acres.

Encl.
FRJC/DVL.

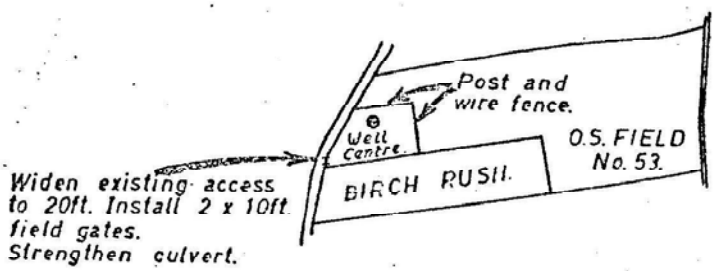

Seaton Hols No. 1
Extract from O.S. Sheet Lincs (East Riding) Series 1/25
Lane
WELL
CENTRE
Birch Rush
Southfield
B.M. 20·7
Lane
South
44
21·157
46
2·775
48
1·276
47
1·525
49
4·358
52
5·016
51
12·779
50
17·797
40
7·755
39
13·111
Lincoln Flats

AREA : SEATON ROSS.	SITE PLAN FOR WELL No. 1	LICENCE AREA: PL.163.	SITE AREA: APPROX 2 ACRES.	O.S. SHEET No.: SE 73 NE.

N

OWNER/OCCUPIER.

Messrs W. S. & D. FROST,
ALLBERRIES FARM,
FOGGATHORPE,
SELBY,
YORKS.



26th April, 1973.

Mr. R. Miller,
Petroleum Division,
Department of Trade and Industry,
Thames House South,
Millbank,
London, S.W.1.

Dear Mr. Miller,

Re: CANDECCA/SCURRY-RAINBOW
Seaton Ross No.1
SE 77014 38593
T.D. 3400 ft

The above-mentioned well was drilled to total depth and evaluations of horizons down to and including the Pennsylvanian Coal Measures were made. No commercial shows of hydro-carbons were encountered in the well.

We therefore request permission to abandon the well by means of the following program:

(i)	Plug No. 1	3400 - 2700 145 sacks neat cement
(ii)	Plug No. 2	2700 - 2050 145 sacks neat cement felt at 2050
(iii)	Plug No. 3	2050 - 1210 145 sacks neat cement plus 2% calcium chloride felt at 1210 cut off 6 ft below ground and welded ½-inch plate on top of 7-inch and 9-5/8-inch casing
(iv)	Rig released 05.00 hrs	- 25th April, 1973

cont/...

(v) Restoration of site will be started as soon as possible after receipt of farmer's consent.

We trust this program meets with your approval. In respect of items (i) to (iv), these were carried out by Dowell Schlumberger and Renting Petrolia Drilling Limited, under the direct supervision of our Site Engineer, Mr. Robert Macpherson.

Yours sincerely,

Robert E. Ford

REF/jc
E

GEOLOGY

CANDECCA RESOURCES - SCURRY RAINBOW OIL (U.K.) LTD.

SEATON ROSS #1

Location: SE77000; N38600 Yorks, England

Rotary Table Elevation: 30.9'

Well Spudded In Surface Keuper Marl

Formations:

Triassic Keuper Marl	-Surface	Lower Platform	-2245'
Basal Keuper Radioactive Marls	- 170'	Marl Marker	-2272'
Bunter Sandstone	- 190'	Dolomite with Anhydrite	-2290'
Upper Permian Marls	-1527'	Lower Magnesian Lst	-2380'
Gypsiferous Marls	-1650'	Kupferschiefer Shale	-2536'
Anhydrite Marker	-1707-1723'	Basal Permian Sand	-2540'
Salt Member	-1751-1778'	Coal Measures	-2566'
Upper Magnesian Limestone	-1810'	Coal Seams At- 2574', 2584', 2596', 2626', 2635', 2710', 2731', 2743', 2788', 2880', 2900', 2954', 3020', 3050', 3060', 3066', 3104', 3234', 3284', 3322', 3350'-60'.	
Oolite	-1817-1832'		
Middle Marl	-1942'		
Middle Magnesian Limestone	-1946'		
Main Biostromal Porosity	-2096'		
		TOTAL DEPTH - 3400'	

Sample Description:

0 - 190'- Soft, slightly calcareous, mottled and speckled reddish brown and green marl.

190 - 220'- Missing Samples

220 - 600'- Mostly cement from surface casing in top 60 feet. Generally buff to orange, medium to coarse, fairly friable millet seed sandstone. Excellent porosity and permeability. Lower 100' slightly clayey sandstone with minor red & green marl interbeds.

600 - 610'- As above with green and red gypsiferous marl containing white and pink satinspar gypsum.

610 - 890'- Orange, buff-brown to reddish brown, fine to medium, friable, locally pebbly sandstone. Scattered black rounded chert grains. Patchy white gypsiferous clay cement. Numerous missing samples.

890 - 900'- As above with intercalations of gypsiferous red and green marl.

900 - 1380'- Orange to light red, medium, friable locally millet seed sandstone with rounded black chert grains and traces of mica. Excellent porosity and permeability. Local pebble beds. Lost circulation with several intervals of no returns.

1380 - 1528'- Tighter sandstone, orange to reddish brown (mottled white), medium to coarse with white calcareous to gypsiferous clay matrix or cement. Friable streaks but much tighter than normal.

1528 - 1617'- Maroon, red and spotted green, soft marl with stringers of white, micaceous, calcareous, silty, locally gypsiferous sandstones. Scattered oxidised chalcopyrite patches. Some friable streaks but generally tight.

1617 - 1707'- Bright red to maroon, slightly calcareous marl with white gypsum inclusions. Minor interbeds of white to pink satinspar gypsum from 1650' - 1707'.

1707 - 1723'- Anhydrite - gypsum, white to light pink, massive.

1723 - 1810'- Soft, red saliferous and gypsiferous marl. Possible halite from 1751' - 1778'. Marl locally blocky and anhydritic towards base (massive anhydrite from 1790' - 1800') with sealed fractures infilled with gilsonite.

1810 - 1817'- Anhydrite & buff cryptograined, vaguely pelleted slightly calcareous dolomite. Traces poor blind cellular vug porosity. Some carbonaceous inclusions. Ineffective.

1817 - 1832'- Buff to light grey very fine to medium, partially leached algal oolite to cellular calcareous dolomite. Minor grey & red marl interbeds. Pyrobitumen & evidence of live oil staining. Some fracture planes coated with pyrobitumen. Fair porosity and permeability with fluorescence. Effective reservoir.

1832 - 1859'- Calc. Dolomite, pale buff to light cream, micrograined, slightly earthy & chalky with traces of relict, phosphatic oolitic material. Traces poor pin point vug & chalky porosity. Scattered pyrobitumen. Ineffective.

1859 - 1942'- Chalky to micrograined, locally micro cellular calc. dolomite with relict dark grey, phosphatic ooliths. Ooliths locally leached giving rise to cellular patches containing traces of pyrobitumen and carbonaceous material. Streaks of fair porosity but essentially a high connate water section because of chalky to micrograined matrix.

1942 - 1946'- Red mottled light grey, locally gypsiferous marl.

1946 - 2094'- Generally light cream, locally white, cryptocrystalline to micrograined, vaguely pelleted slightly calcareous dolomite. Traces poor blind leached vug porosity with some fluorescence. Minor traces of cellular oolitic patches with gypsum or anhydrite vug infilling. Intercalations of red gypsiferous marl at 2010', 2040' and 2070'. Generally tight, pelleted mud facies with marl incursions.

2094 - 2164'- Dolomitized, vuggy biostromal, organic lattice. Buff to light brown, locally oil stained with streaming cut, fine to medium, mosaic calcareous dolomite with generally excellent lined vug porosity. Locally fair to good intercrystalline porosity with pyrobitumen & fair fluorescence. Scattered patches of anhydrite. Traces relict oolite texture. Excellent reservoir.

2164 - 2184'- Platy - cryptocrystalline, buff to light cream, anhydritic dolomite with scattered poor blind vug porosity. Some minor anhydrite interbeds. Ineffective.

2184 - 2245'- Buff, fine to medium subhedral calcareous dolomite (relict fine to medium oolite ghosts). Patches of platy, anhydritic cryptograined dolomite but generally good intercrystalline and fair lined vug porosity. Traces pyrobitumen and fair fluorescence.

2245 - 2272'- Buff, platy, cryptocrystalline, locally anhydritic dolomite (10-15% veining & inclusions of anhydrite). Thin stringers of earthy to microcrystalline, cellular calcareous dolomite with patchy oil staining and pyrobitumen. Possibly a few feet poorly effective.

2272 - 2290'- Dolomite as above with red gypsiferous marl intercalations.

2290 - 2380'- Mainly buff to light brown, crypto-microcrystalline interlocking sl. calcareous dolomite with 10-15% anhydrite veining and inclusions. No true bedded anhydrites. Hairline cracks & scattered poor pin point vug porosity infilled with pyrobitumen. Generally tight.

2380 - 2536'- Calcareous dolomite to dolomitic limestone. Grey to light grey, slightly bituminous cryptograined, locally slightly chalky or earthy. Traces skeletal grains. Occasional blind vug porosity with numerous hairline cracks infilled with pyrobitumen or carbonaceous material. Essentially tight.

2536 - 2540'- Black to dark grey, organic slightly pyritic, bituminous silty shale.

2540 - 2566'- Fine to coarse, locally pebbly, friable rounded and wind polished sand. Minor cemented areas. Fragments of red shale. Excellent porosity and permeability.

2566 - 2620'- Grey and maroon, locally silty and carbonaceous micaceous shales with minor coal smuts and seams. Traces silty micaceous clay sandstone.

2620 - 2820'- Interbedded grey shales, coal seams, seat earths and lt. grey silty micaceous, slightly calcareous tight fine grained sandstone. Coal seams well developed.

2820 - 2864'- Interbedded light grey, speckled and slightly coaly fine grained, slightly calcareous tight sandstone with white clay matrix, and grey locally maroon shale.

2864 - 3156'- Interbedded grey to dark grey shale, (10% maroon) numerous coal seams, seat earths and minor light grey, locally white speckled micaceous, slightly calcareous silty sandstones.

3156 - 3222'- Light grey to speckled white, locally coaly, generally fine to medium grained cemented sandstone. Calcareous clay matrix with some siliceous cement. Traces poor intergranular porosity. Ineffective. Minor interbeds of grey locally maroon shale.

3222 - 3400'- Interbedded grey shales, coal seams, seat earths and minor stringers of white to lt. grey, micaceous, silty, slightly calcareous sandstones. Well developed coal seams from 3350' - 3360'.

DOWELL Schlumberger

FORMATION TESTING REPORT
WELL AND JOB DATA

Operation N° GYS
Station GREAT YARMOUTH
SIR N°
Date APRIL 19, 1973

COMPANY CANDECCA RESOURCES Ltd Field
Well No. SEATON ROSS - I Location Elevation
Type test Test No 2
Total depth 2120 Ft Test interval, from 2095 to 2120 Ft

Main hole size	Casing size	Liner size
down to	Casing weight	Liner weight
Rat hole size	Casing shoe depth	Liner top depth
All depths measured from	Cement plug top	Cement plug top

PERFORATIONS

FORMATION - System Estimated porosity
Geologic level Estimated permeability
Lithology Estimated productive interval

MUD, Type Wt. Viscosity W.L. Chloride PPM

CUSHION, Type Length Weight

TIMES

1st flow,	from			on		to			on										
1st shut-in,	from			on		to			on										
2nd flow,	from			on		to			on										
2nd shut-in,	from			on		to			on										
3rd flow,	from			on		to			on		Reverse circulation			on		to			on
3rd shut-in,	from			on		to			on		Final equalization			on					

TOOL SEQUENCE - Tool	Type	O.D.	Remarks
		.....	Bottom choke size

WELL N° SEATON ROSS I
TEST N° 2

M. R.

FORM 23-6

DOWELL Schlumberger

FORMATION TESTING REPORT
RESULTS

Company CANDECCA RESOURCES Ltd Well No SEATON ROSS 4 I Test No 2

LIQUIDS

Flowed at surface during test :	Amount

Reversed out:	Amount
(Maximum Pumping pressure	.....)

Recovered in DP and DC	Amount
Pipe recovery	
Salt water Ft	2000

GASES

Air blow: GOOD INITIAL PUFF - STRONG AIR BLOW DECREASING AT END OF TEST

Description	Time	Pressure	Surface choke

(Maximum surface pressure .....)

REMARKS .....

	Type and Number	JOHNSTON T N° 574	JOHNSTON T N° 475	
	Capacity	6400 PSI	6400 PSI	
	Depth and Position			
	Temperature		90°F	
RECORDERS A	Initial Hydrostatic Mud Pressure	1020	1041	
RECORDERS B1	First flow initial pressure	305	366	
RECORDERS C1	First flow final pressure	437	467	
RECORDERS D1	First shut-in pressure	919	934	
RECORDERS B2	Second flow initial pressure	484	524	
RECORDERS C2	Second flow final pressure	898	908	
RECORDERS D2	Second shut-in pressure	911	931	
RECORDERS B3	Third flow initial pressure			
RECORDERS C3	Third flow final pressure			
RECORDERS D3	Third shut-in pressure			
RECORDERS E	Final hydrostatic mud pressure	1024	1044	
	Calculated hyd. mud pressure	-	-	

(*) Shut in pressure did not reach static reservoir pressure.

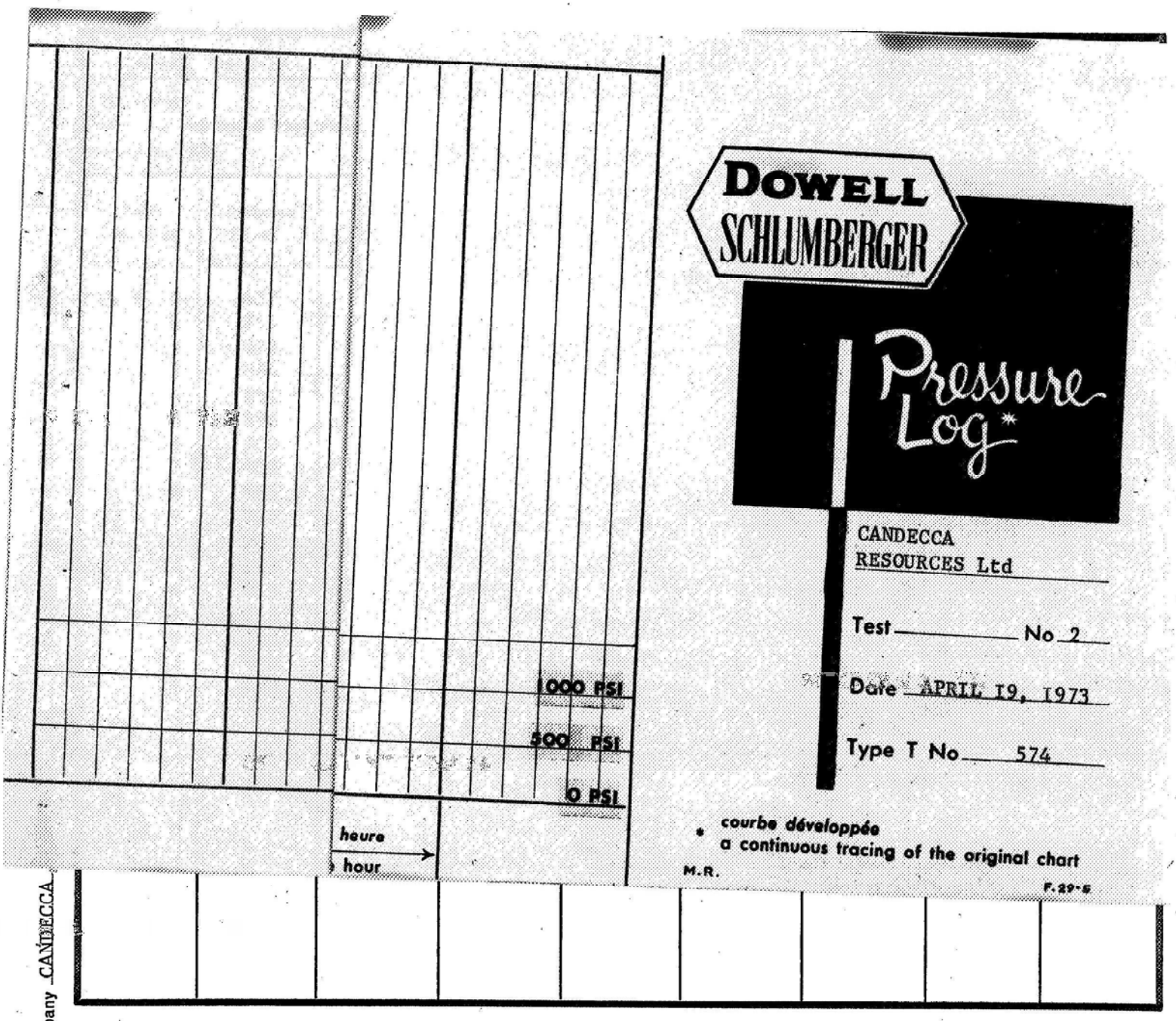
All pressures measured in : PSI - G

DOWELL SCHLUMBERGER

FORMATION TESTING REPORT
PRESSURE READINGS

Recorder Type and No.:	JOHNSTON T N° 574
Recorder capacity	6400 PSI
Clock hour and No.	48 hr - n° 9-0983
Clock travel	0-02250 inch/mn
Recorder depth	
"Inside" or "Outside"	
Temperature	90° F 32° C

	Given time		Computed Time	
First flow	2	mn	T_1 = 2	mn
First shut-in	30	mn	30	mn
Second flow	60	mn	T_2 = 60	mn
Second shut-in	60	mn	60	mn
Third flow		mn	T_3 =	mn
Third shut-in		mn		mn
		mn		mn
TOTAL	I52	mn	I52	mn



Company CANDECCA

M. R.

FORM 29-S

DOWELL SCHLUMBERGER

FORMATION TESTING REPORT
PRESSURE READINGS

Recorder Type and No.:	JOHNSTON T N° 475
Recorder capacity	6400 PSI
Clock hour and No.	48 hr - n° 9-036I
Clock travel	0.02206 inch/mn
Recorder depth	
"Inside" or "Outside"	
Temperature	90° F 32° C

	Given time	Computed Time
First flow	2 mn	T_1 = 2 mn
First shut-in	30 mn	30 mn
Second flow	60 mn	T_2 = 60 mn
Second shut-in	60 mn	60 mn
Third flow	mn	T_3 = mn
Third shut-in	mn	mn
	mn	mn
TOTAL	I52 mn	I52 mn

Company CANDEGA RESOURCES Ltd Well N° SEATON ROSS # 1 Test N° 2

FIRST SHUT IN

Breakdown: ..... increments of ..... mn and a final increment of ..... mn.

Point (Minutes)	Pressure (PSI-G.....)	$\frac{T+\Delta t}{\Delta t}$ (T= .....)
CI = 0	467	
I	873	
2	887	
3	898	
4	905	
5	9II	
6	9I5	
7	9I8	
8	920	
9	922	
I0	925	
I2	927	
I4	929	
I6	930	
I8	93I	
20	93I	
22	933	
24	933	
26	934	
28	934	
DI = 30	934	

SECOND FLOW

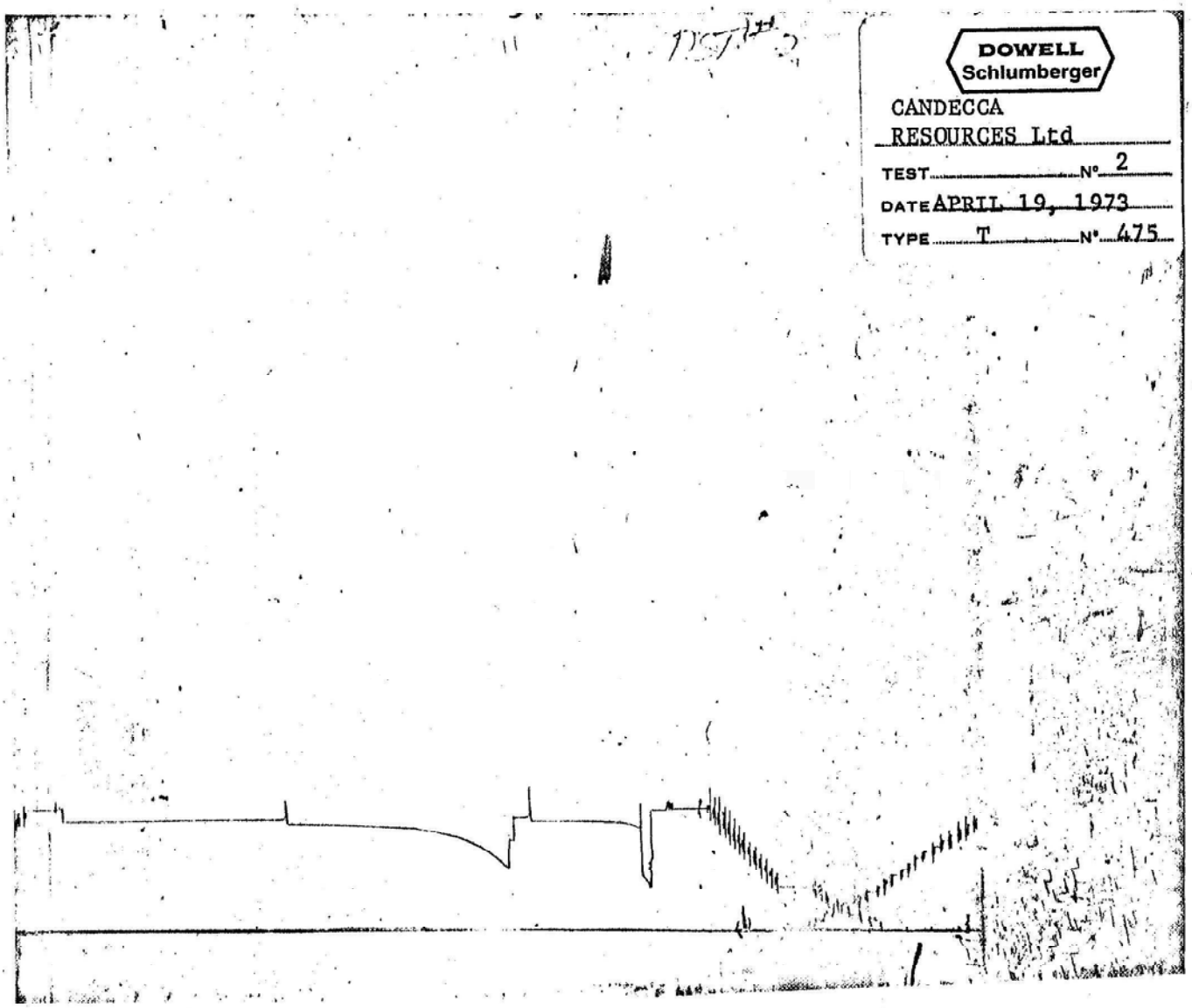
Breakdown: ..... increments of ..... mn and a final increment of ..... mn.

Point (Minutes)	Pressure (PSI-G.....)	$\frac{T+\Delta t}{\Delta t}$ (T= .....)
B2 = 0	524	
C2 = 60	908	

SECOND SHUT IN

Breakdown: ..... increments of ..... mn and a final increment of ..... mn.

Point (Minutes)	Pressure (PSI-G.....)	$\frac{T+\Delta t}{\Delta t}$ (T= .....)
C2 = 0	908	
5	93I	
I0	93I	
I5	93I	
Stabilized pressure		
D2 = 60	93I	


DOWELL
Schlumberger
CANDECCA
RESOURCES Ltd
TEST N° 2
DATE APRIL 19, 1973
TYPE T N° 475

DOWELL Schlumberger

FORMATION TESTING REPORT
WELL AND JOB DATA

Operation [illegible]
Station GREAT YARMOUTH
SIR N°
Date APRIL 24, 1973

COMPANY CANDECCA RESOURCES Ltd Field
Well No. SEATON ROSS - I Location Elevation
Type test Test No 3
Total depth Test interval, from 1910 to 2050 ft
Main hole size / down to Casing size / Casing weight Liner size / Liner weight
Rat hole size Casing shoe depth Liner top depth
All depths measured from Cement plug top Cement plug top

PERFORATIONS

FORMATION - System Estimated porosity
Geologic level Estimated permeability
Lithology Estimated productive interval

MUD, Type Wt. Viscosity W.L. Chloride PPM

CUSHION, Type Length Weight

TIMES

1st flow,	from			on		to			on										
1st shut-in,	from			on		to			on										
2nd flow,	from			on		to			on										
2nd shut-in,	from			on		to			on										
3rd flow,	from			on		to			on		Reverse circulation			on		to			on
3rd shut-in,	from			on		to			on		Final equalization			on					

TOOL SEQUENCE - Tool	Type	O.D.	Remarks
		.....	Bottom choke size

WELL N° SEATON ROSS - I
TEST N° 3

DOWELL Schlumberger

FORMATION TESTING REPORT
RESULTS

Company CANDECCA RESSOURCES Ltd Well No SEATON ROSS - I Test No 3

LIQUIDS

Flowed at surface during test :	Amount

Reversed out:	Amount
(Maximum Pumping pressure .....)	

Recovered in DP and DC	Amount
MUD ft	90

GASES

Air blow: GOOD INITIAL PUFF - WEAK AIR BLOW THROUGHOUT TEST

Description	Time	Pressure	Surface choke

(Maximum surface pressure .....)

REMARKS

RECORDERS					
	Type and Number		JOHNSTON T N° 475	JOHNSTON T N° 574	
	Capacity		6400 PSI	6400 PSI	
	Depth and Position				
	Temperature				
A	Initial Hydrostatic Mud Pressure		961	918	
B1	First flow	initial pressure	43	15	
C1		final pressure	43	15	
D1	First shut-in pressure		881	830	
B2	Second flow	initial pressure	52	23	
C2		final pressure	59	36	
D2	Second shut-in pressure		76	53	
B3	Third flow	initial pressure			
C3		final pressure			
D3	Third shut-in pressure				
E	Final hydrostatic mud pressure		965	923	
	Calculated hyd. mud pressure				

(*) Shut in pressure did not reach static reservoir pressure.

All pressures measured in : PSI-G