




**Appendix 10A: Phase 1 Desk Study**  
**Annex B: Phillips 66 Envirocheck Report**  
**Part 7**

### General

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

### Risk of Flooding from Surface Water

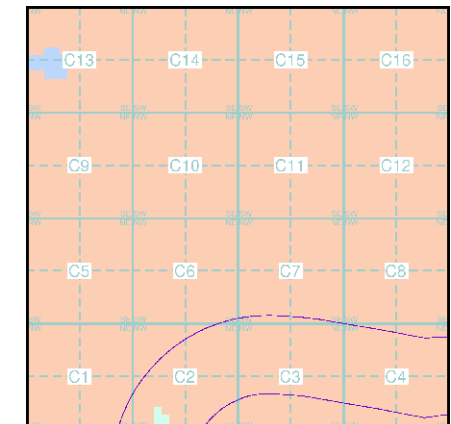
-  High - 30 Year Return
-  Medium - 100 Year Return
-  Low - 1000 Year Return

### Suitability

See the suitability map below

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

### EANRW Suitability Map - Slice C

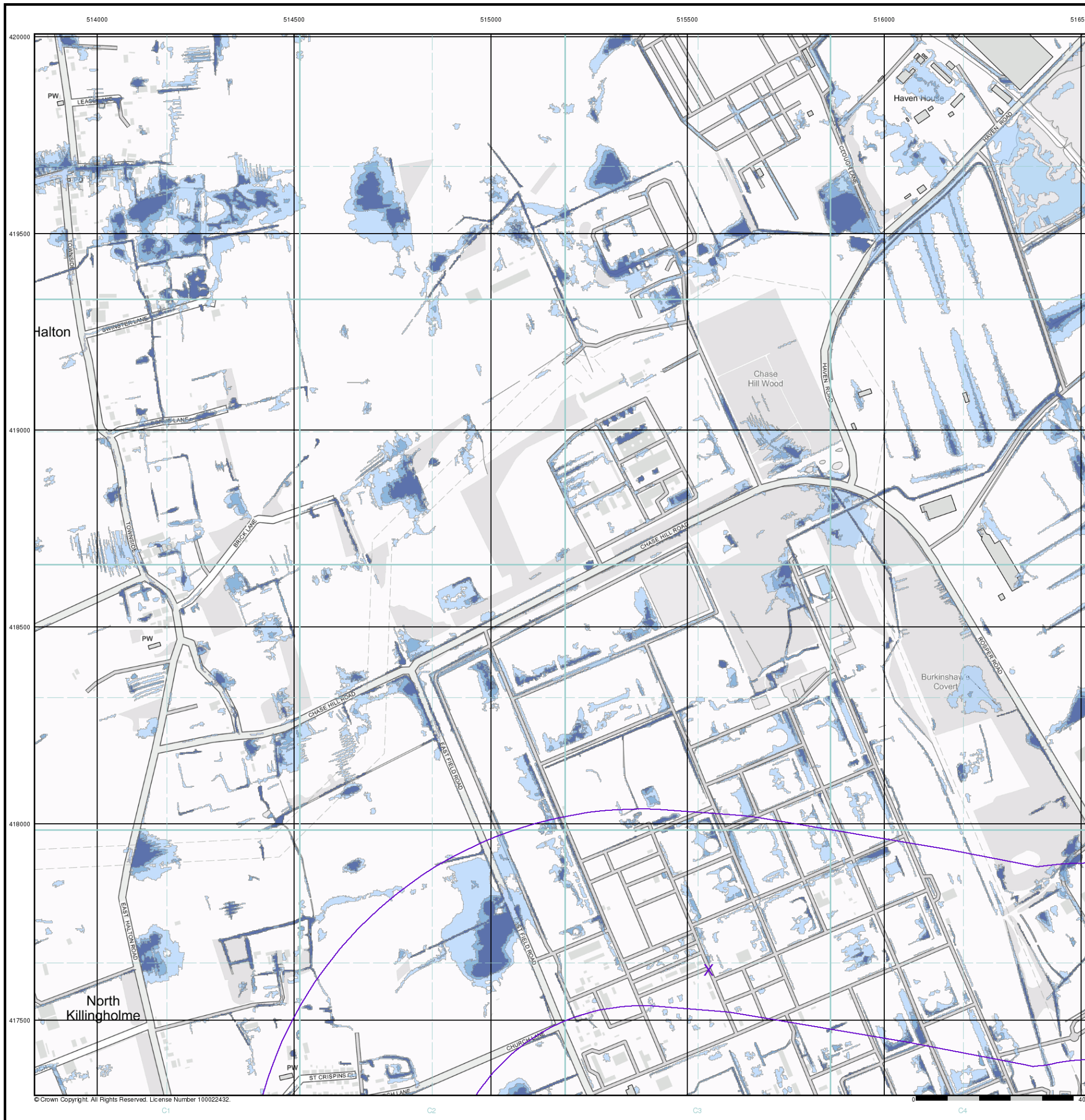


### Order Details

Order Number: 292199669\_1\_1  
 Customer Ref: 60668866  
 National Grid Reference: 515550, 417630  
 Slice: C  
 Site Area (Ha): 74.08  
 Search Buffer (m): 1000

### Site Details

Total UK Ltd, Killingholme Terminal, Eastfield Road, North Killingholme, IMMINGHAM, DN40 3LJ



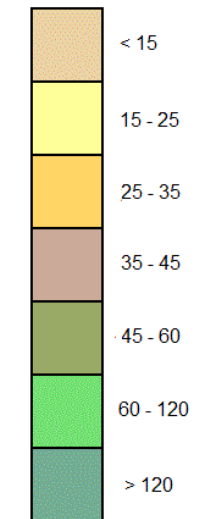
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## General

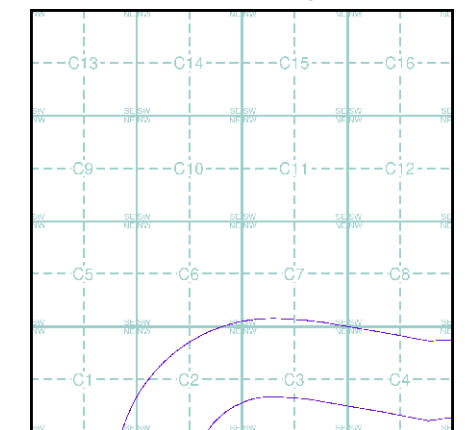
● Specified Site    
 ○ Specified Buffer(s)    
 X Bearing Reference Point

## Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg



## Estimated Soil Chemistry Arsenic - Slice C

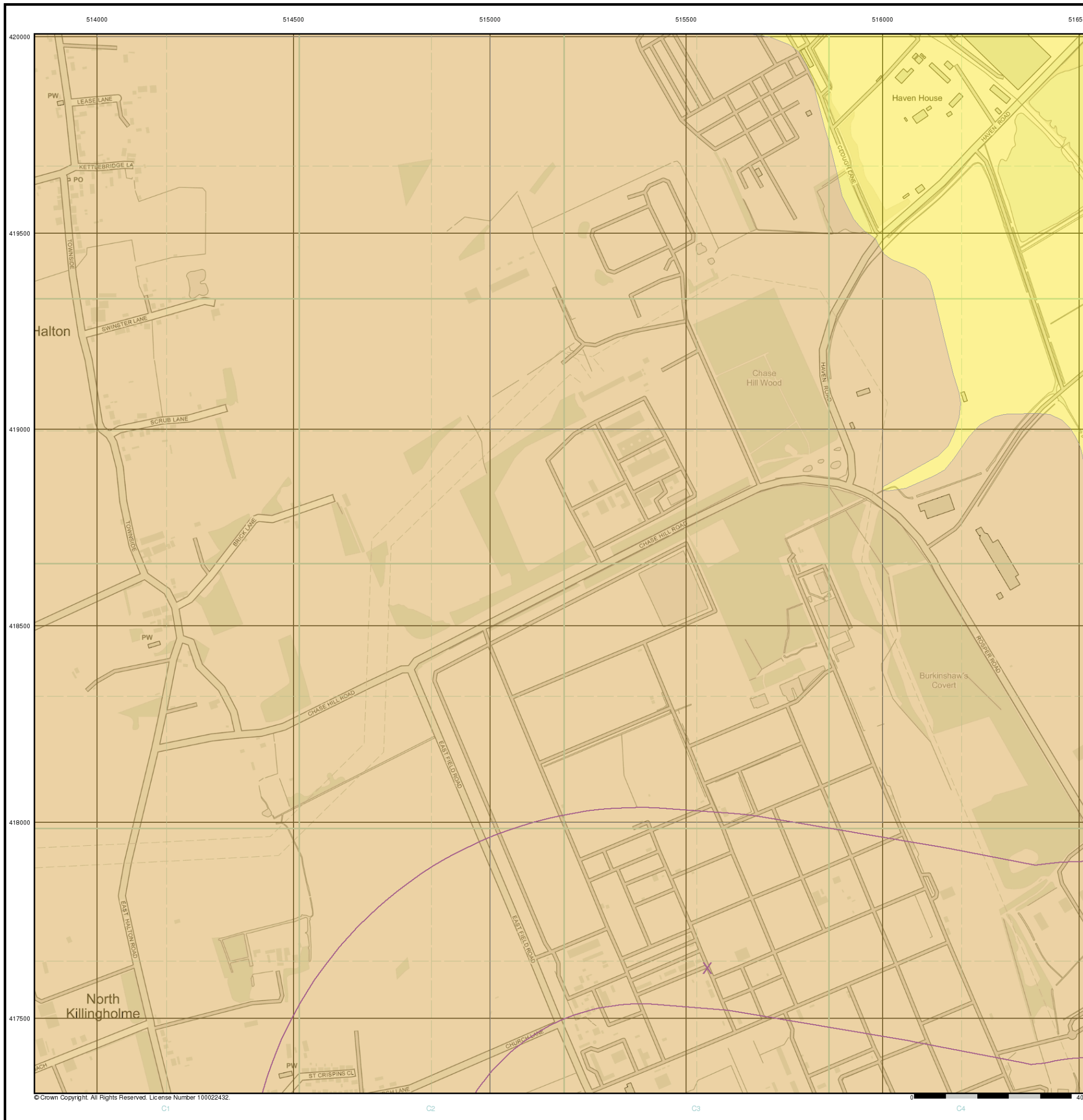


## Order Details

Order Details: 292199669\_1\_1  
 Customer Ref: 60668866  
 National Grid Reference: 515550, 417630  
 Slice: C  
 Site Area (Ha): 74.08  
 Search Buffer (m): 1000

## Site Details

Total UK Ltd, Killingholme Terminal, Eastfield Road, North Killingholme, IMMINGHAM, DN40 3LJ



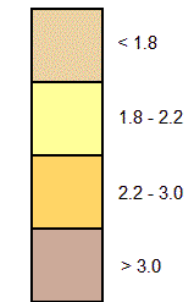
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## General

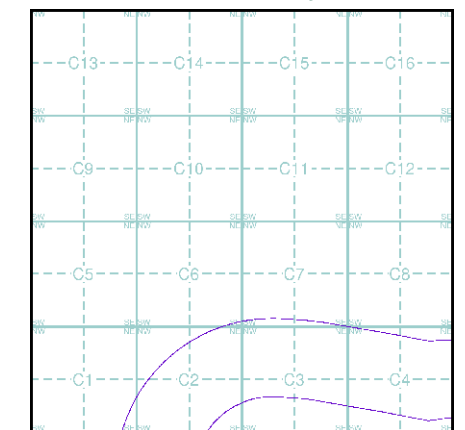
● Specified Site    
 ○ Specified Buffer(s)    
 X Bearing Reference Point

## Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg



## Estimated Soil Chemistry Cadmium - Slice C

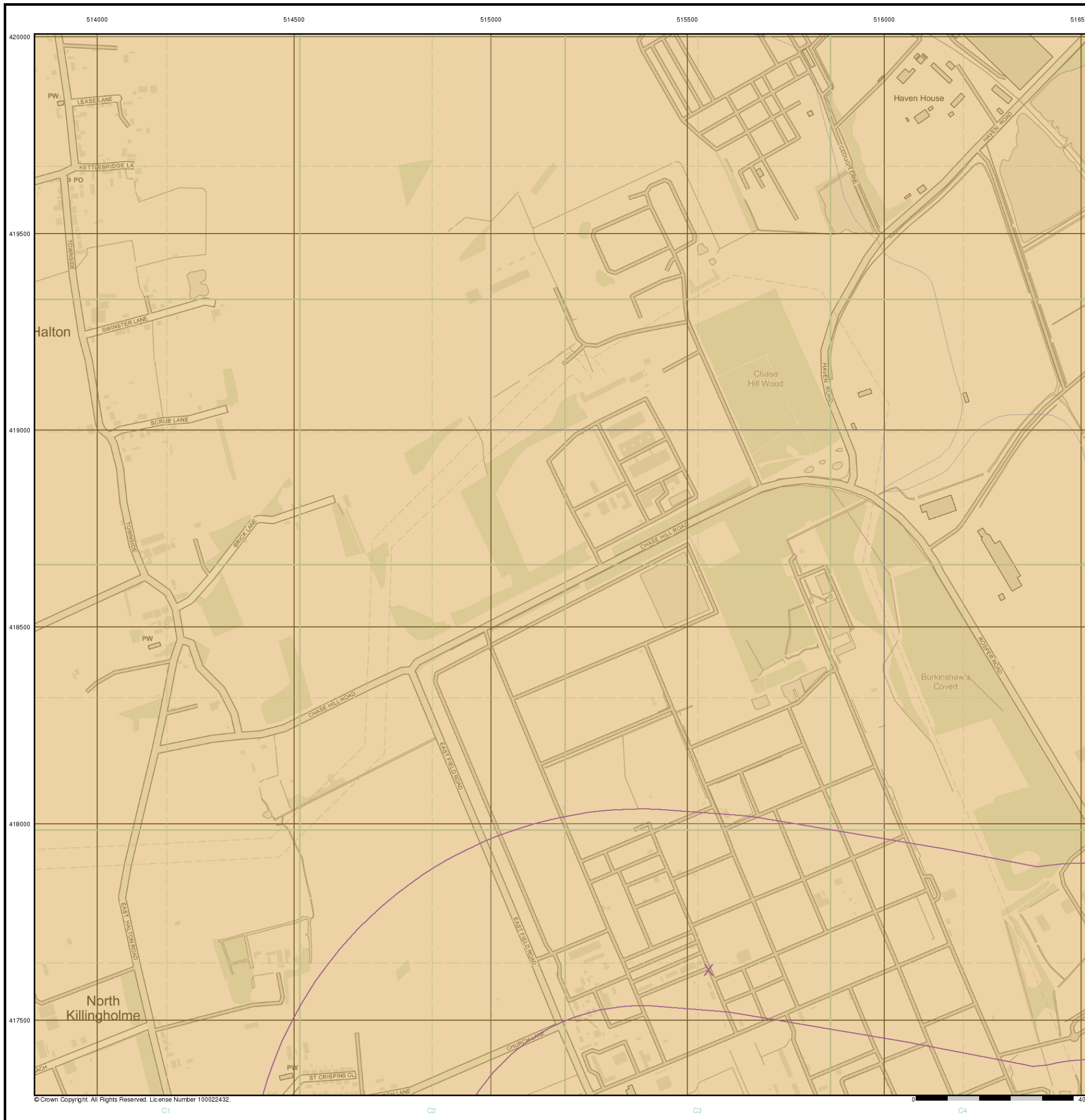


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 Slice: C  
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 Search Buffer (m): 1000

## Site Details

Total UK Ltd, Killingholme Terminal, Eastfield Road, North Killingholme, IMMINGHAM, DN40 3LJ



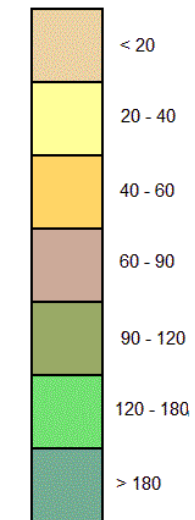
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### General

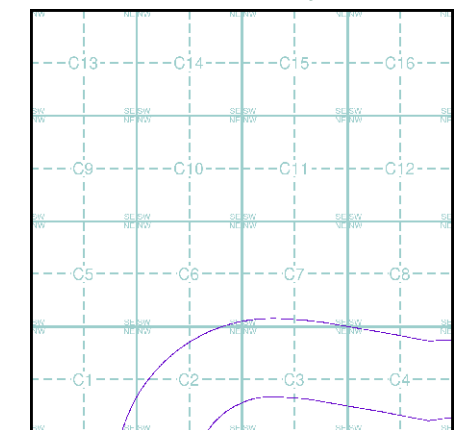
- Specified Site
- Specified Buffer(s)
- ✕ Bearing Reference Point

### Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



### Estimated Soil Chemistry Chromium - Slice C

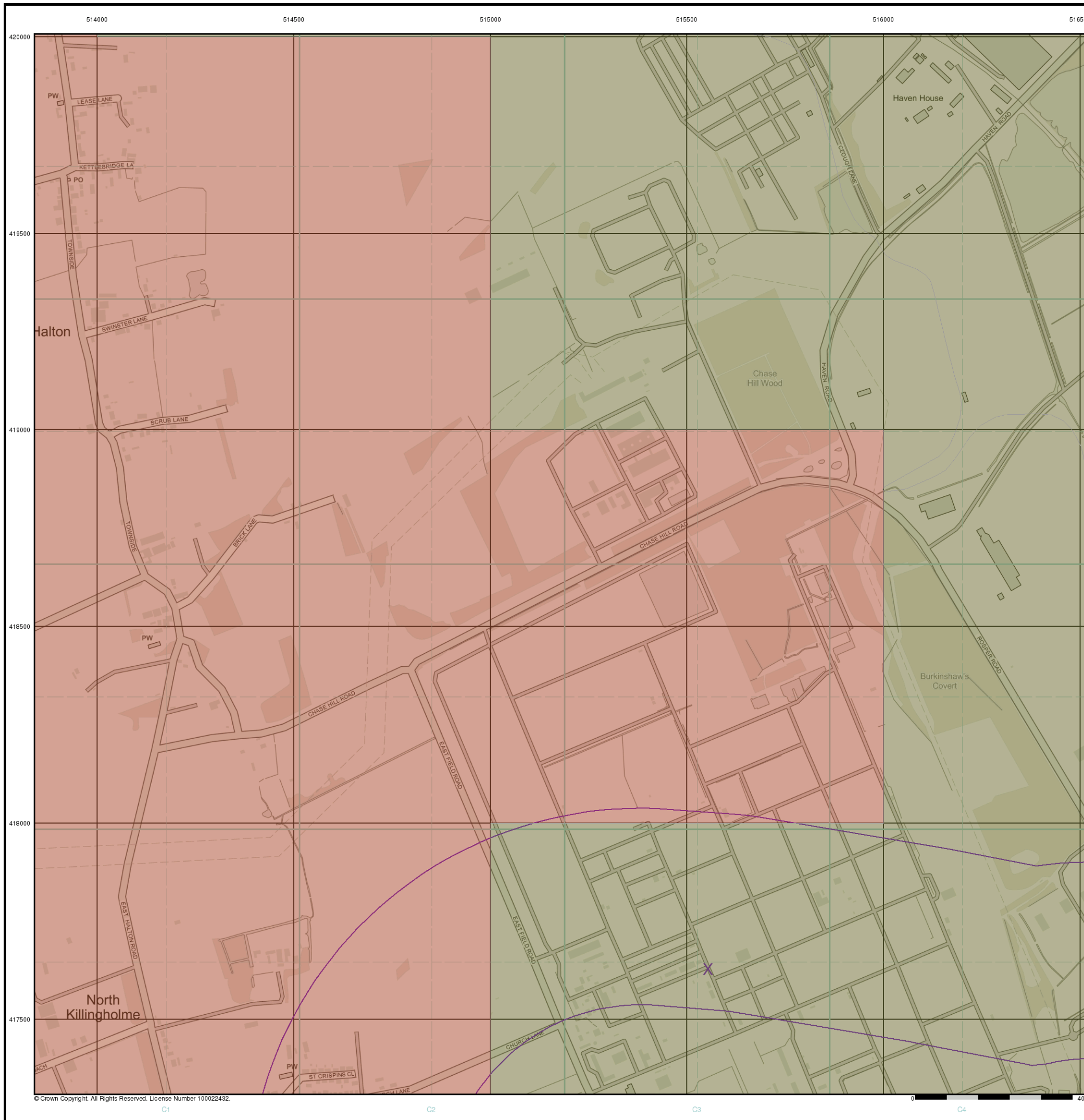


### Order Details

Order Details: 292199669\_1\_1  
 Customer Ref: 60668866  
 National Grid Reference: 515550, 417630  
 Slice: C  
 Site Area (Ha): 74.08  
 Search Buffer (m): 1000

### Site Details

Total UK Ltd, Killingholme Terminal, Eastfield Road, North Killingholme, IMMINGHAM, DN40 3LJ

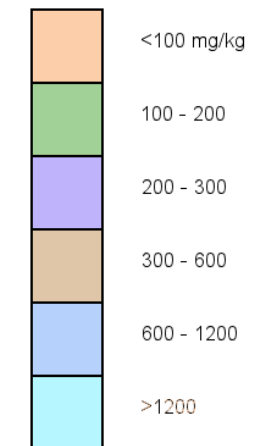


## General

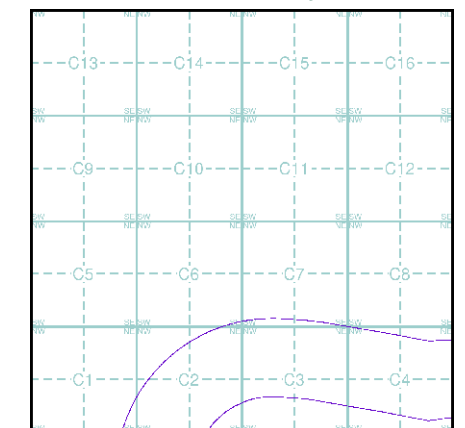
● Specified Site    
 ○ Specified Buffer(s)    
 X Bearing Reference Point

## Estimated Soil Chemistry Lead

Lead Concentrations mg/kg



## Estimated Soil Chemistry Lead - Slice C

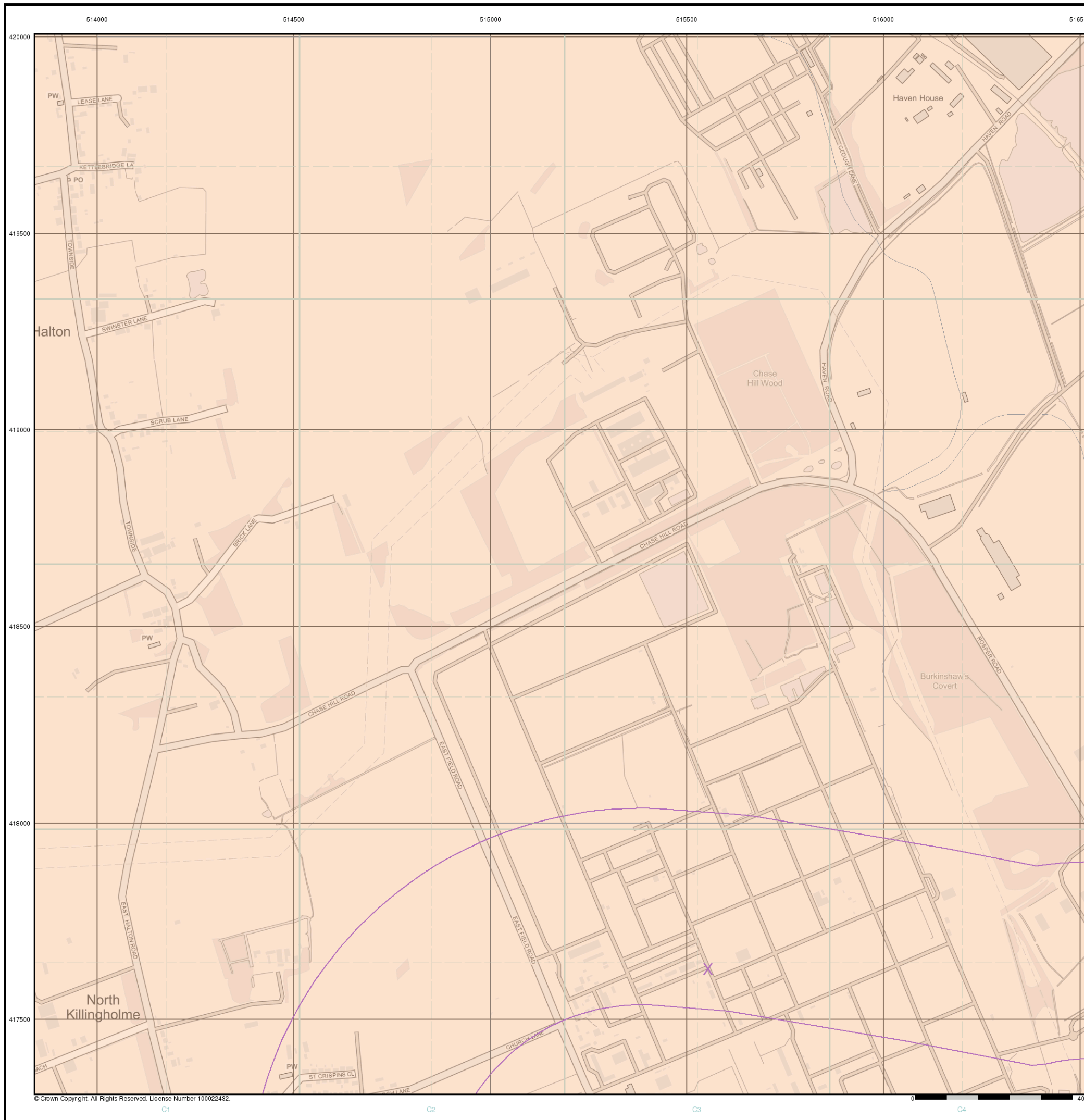


## Order Details

Order Details: 292199669\_1\_1  
 Customer Ref: 60668866  
 National Grid Reference: 515550, 417630  
 Slice: C  
 Site Area (Ha): 74.08  
 Search Buffer (m): 1000

## Site Details

Total UK Ltd, Killingholme Terminal, Eastfield Road, North Killingholme, IMMINGHAM, DN40 3LJ

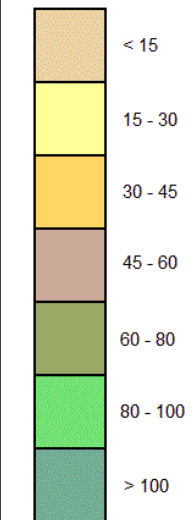


## General

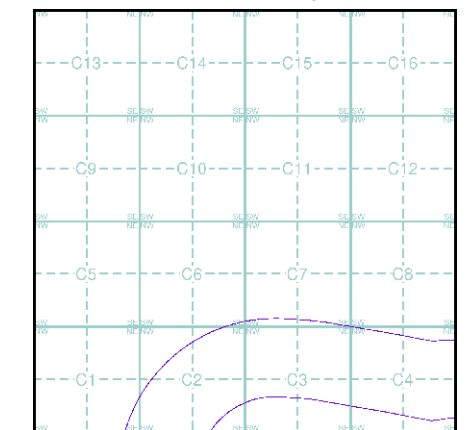
● Specified Site    
 ○ Specified Buffer(s)    
 X Bearing Reference Point

## Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg



## Estimated Soil Chemistry Nickel - Slice C

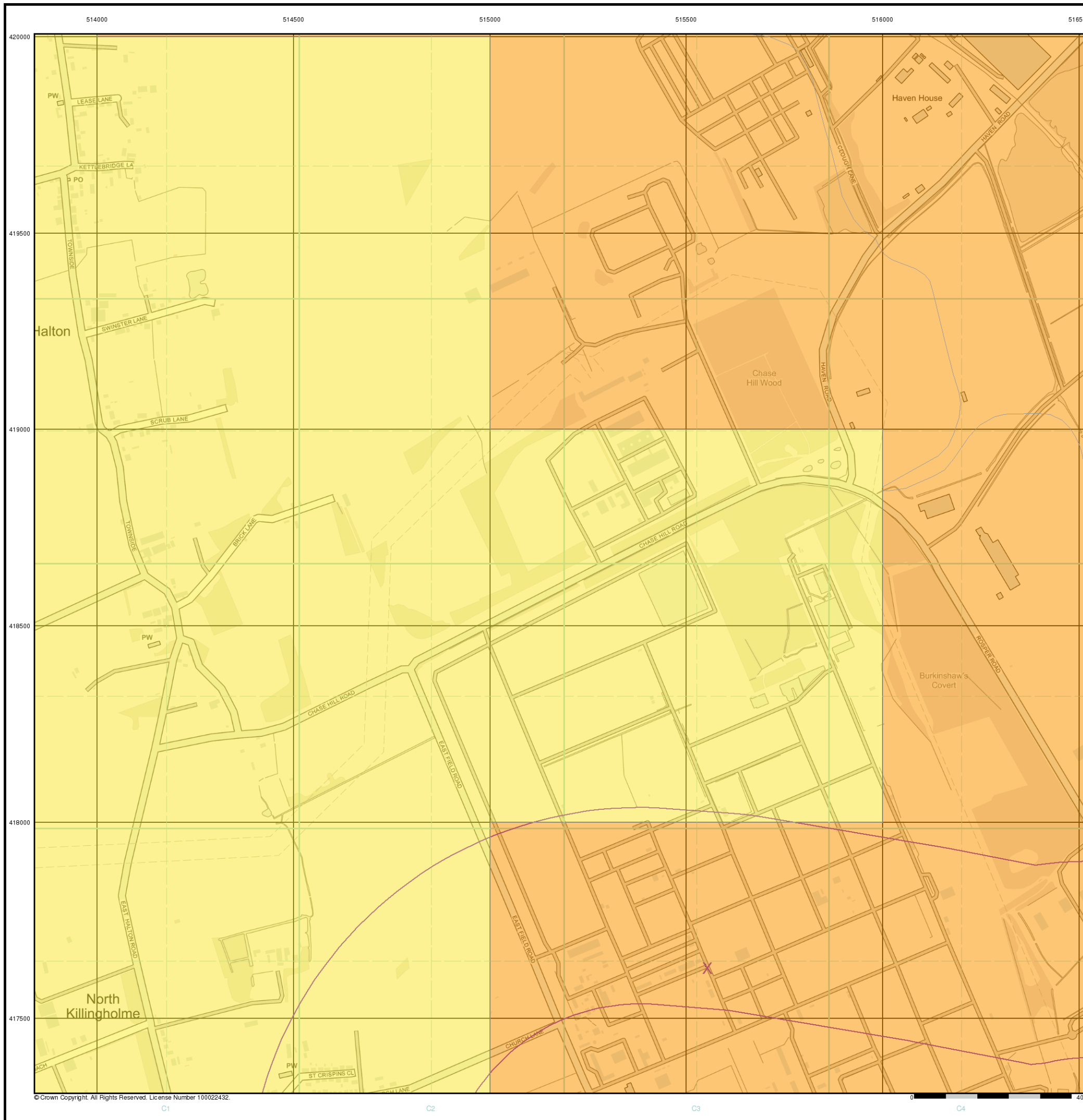


## Order Details

Order Details: 292199669\_1\_1  
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 Site Area (Ha): 74.08  
 Search Buffer (m): 1000

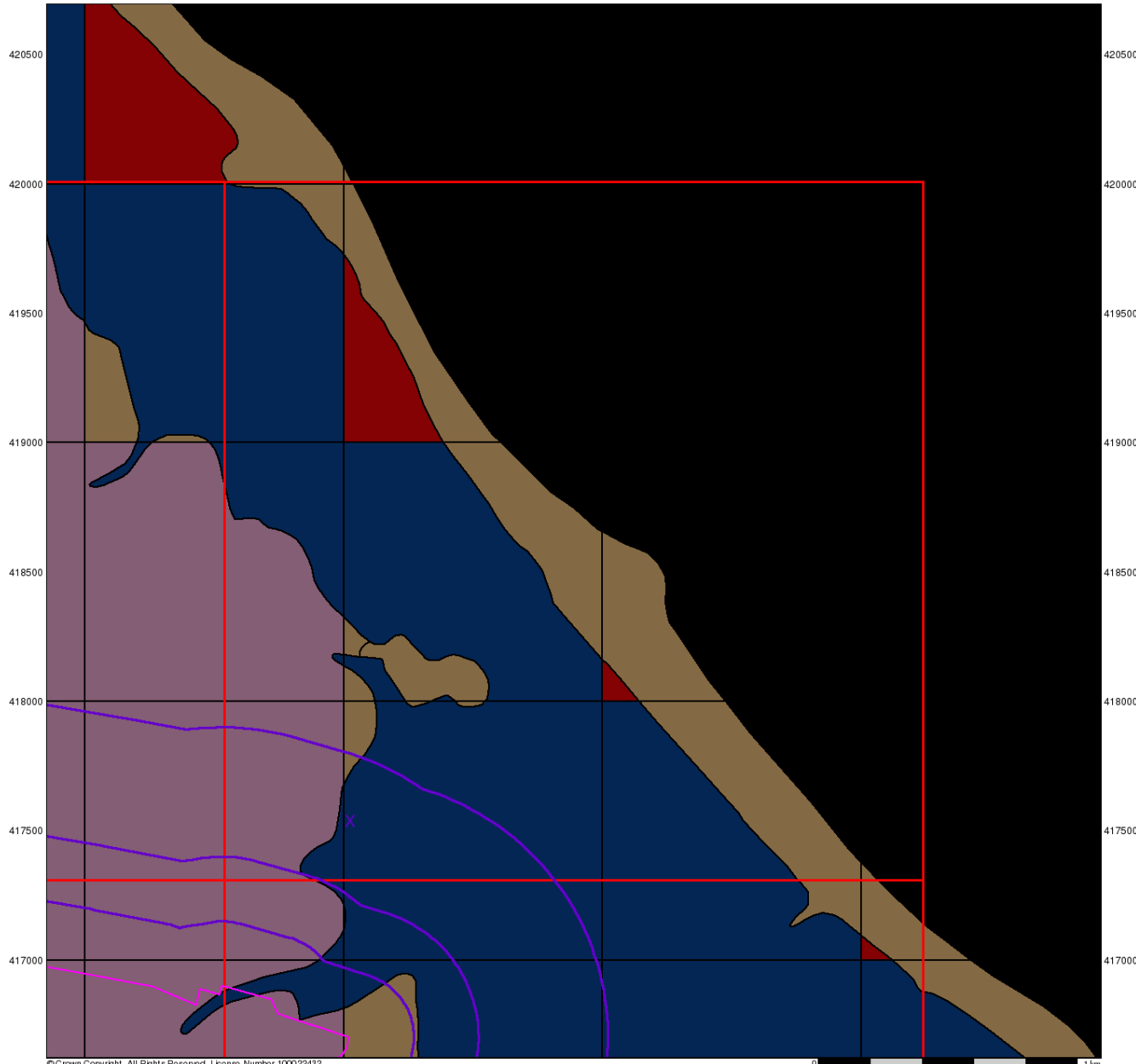
## Site Details

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516000 516500 517000 517500 518000 518500 519000 519500



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0 1 km

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## Groundwater Vulnerability

### General

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

### Agency and Hydrological

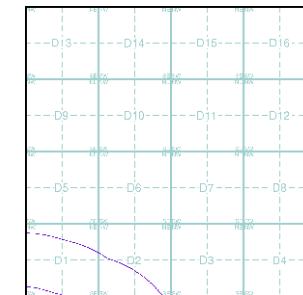
#### Bedrock Aquifers

- High Vulnerability, Principal Aquifer
- High Vulnerability, Secondary Aquifer
- Medium Vulnerability, Principal Aquifer
- Medium Vulnerability, Secondary Aquifer
- Low Vulnerability, Principal Aquifer
- Low Vulnerability, Secondary Aquifer
- Unproductive Aquifer
- Soluble Rock

#### Superficial Aquifers

- High Vulnerability, Principal Aquifer
- High Vulnerability, Secondary Aquifer
- Medium Vulnerability, Principal Aquifer
- Medium Vulnerability, Secondary Aquifer
- Low Vulnerability, Principal Aquifer
- Low Vulnerability, Secondary Aquifer

### Site Sensitivity Context Map - Slice D



### Order Details

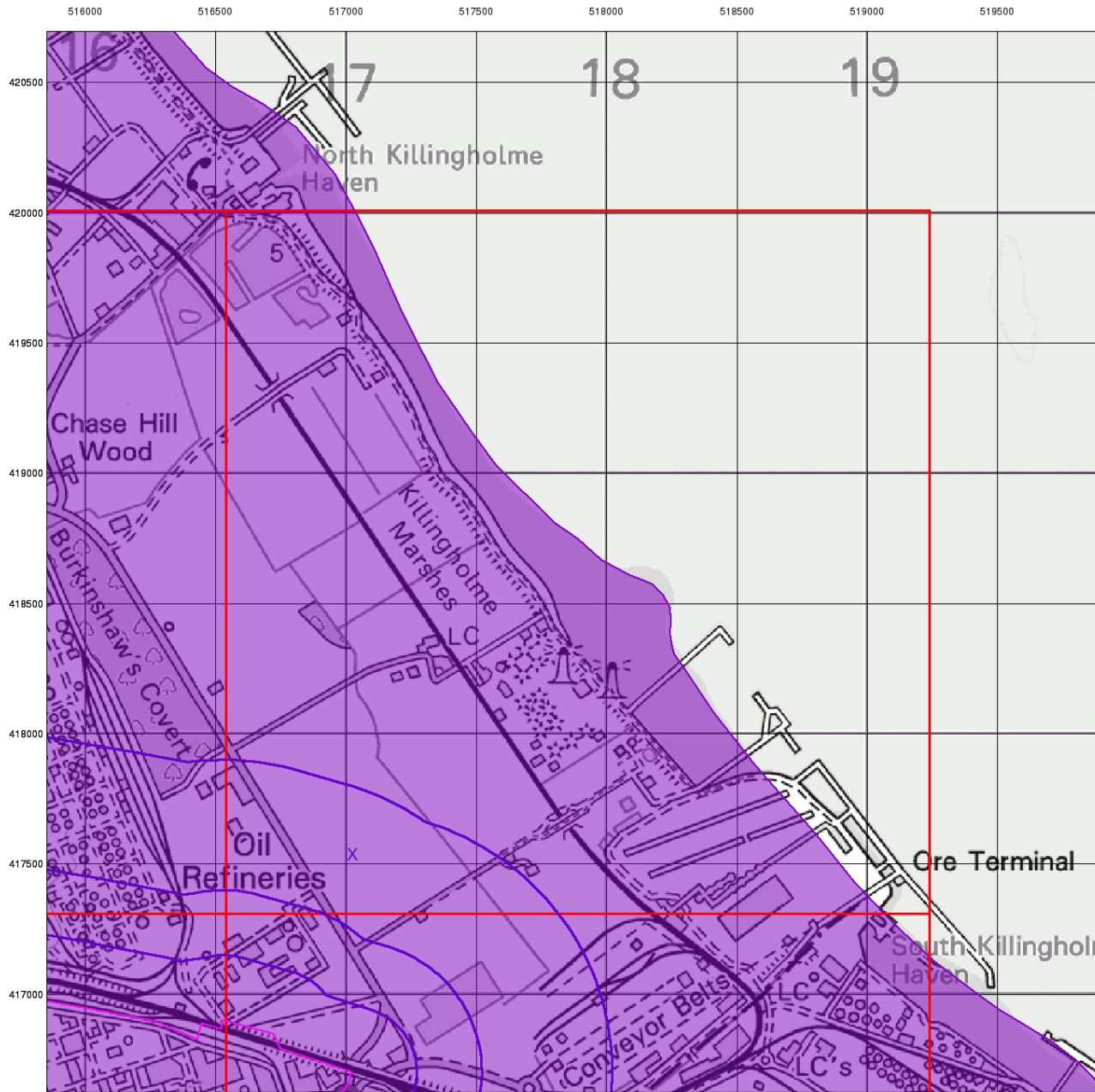
Order Number: 292199669\_1\_1  
 Customer Ref: 60668866  
 National Grid Reference: 517020, 417540  
 Slice: D  
 Site Area (Ha): 74.08  
 Search Buffer (m): 1000

### Site Details

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## Bedrock Aquifer Designation

### General

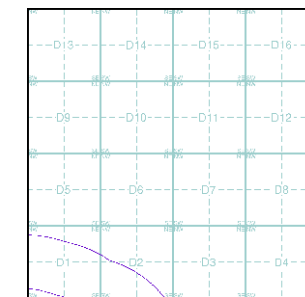
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

### 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 D



### Order Details

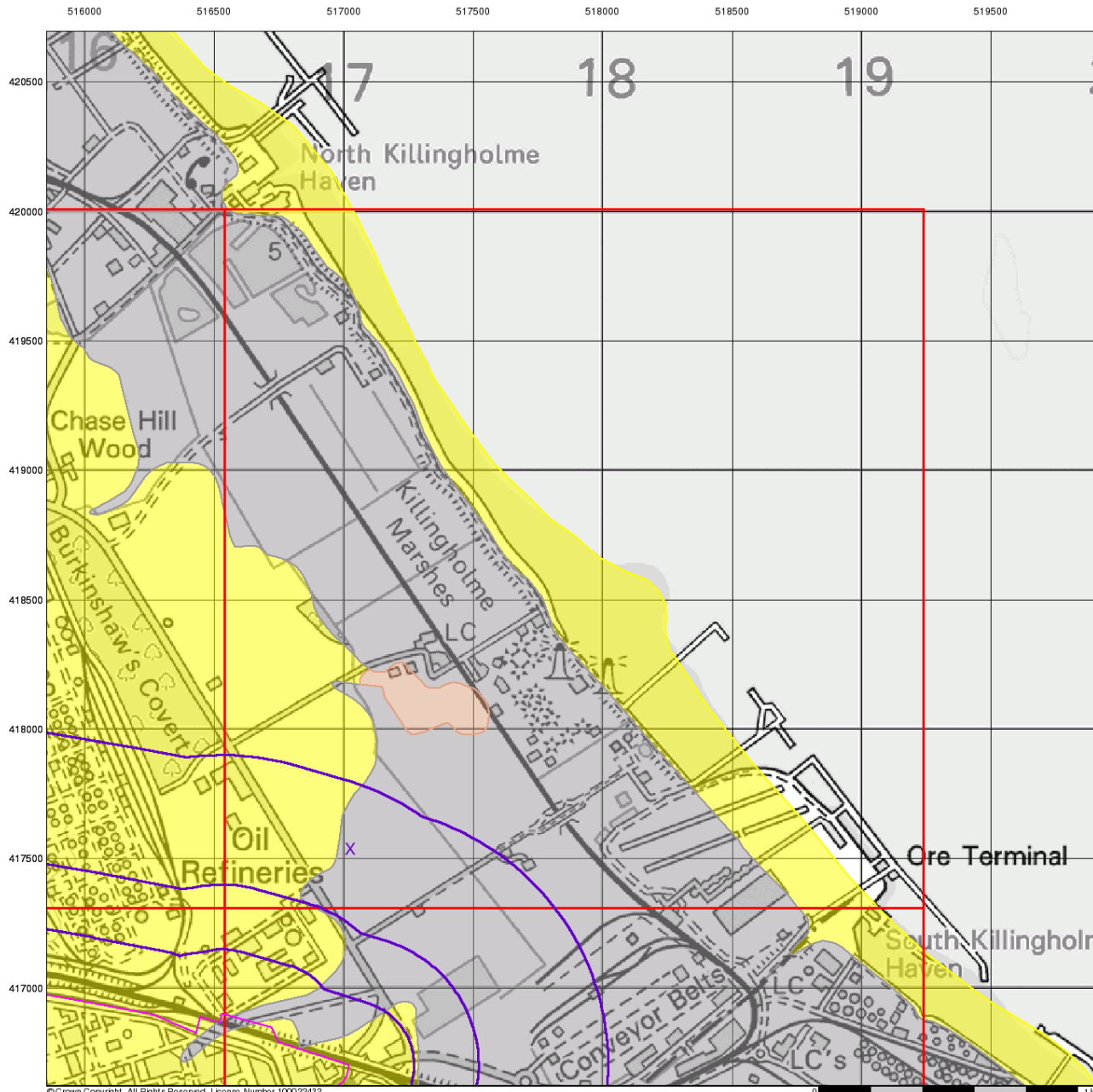
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 Customer Ref: 60668866  
 National Grid Reference: 517020, 417540  
 Slice: D  
 Site Area (Ha): 74.08  
 Search Buffer (m): 1000

### Site Details

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
## Superficial Aquifer Designation

### General

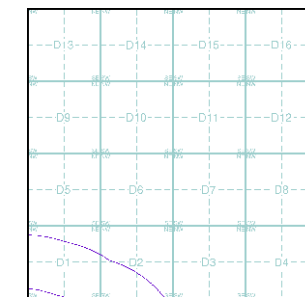
-  Specified Site
-  Specified Buffer(s)
-  Bearing Reference Point
-  Slice
-  Map ID

### 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 D



### Order Details

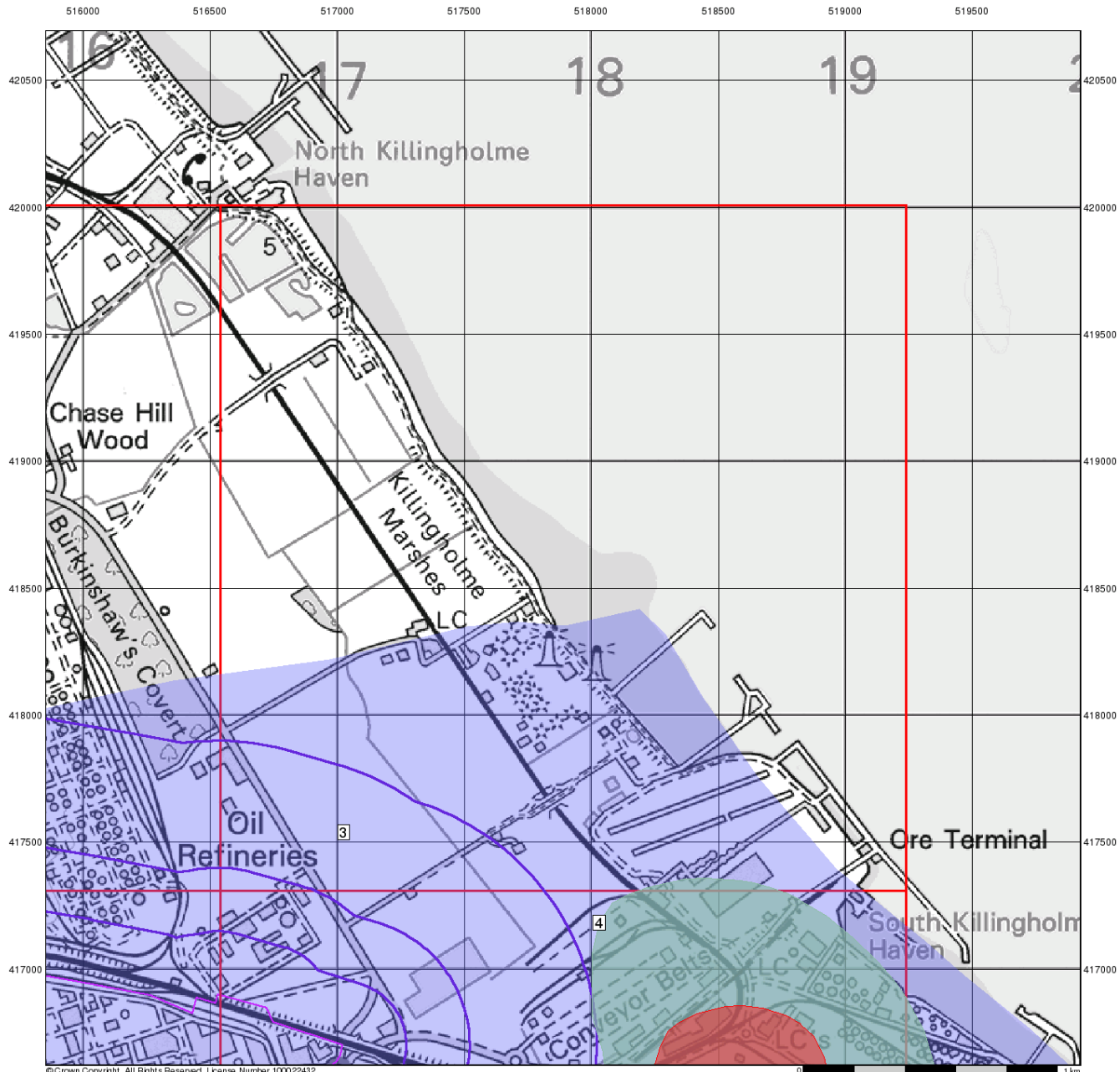
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 Customer Ref: 60668866  
 National Grid Reference: 517020, 417540  
 Slice: D  
 Site Area (Ha): 74.08  
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### Site Details

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






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## Source Protection Zones

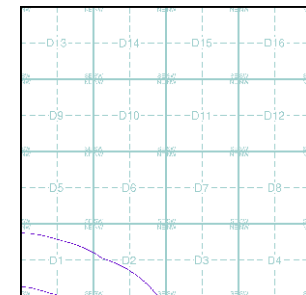
### General

-  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 D



### Order Details

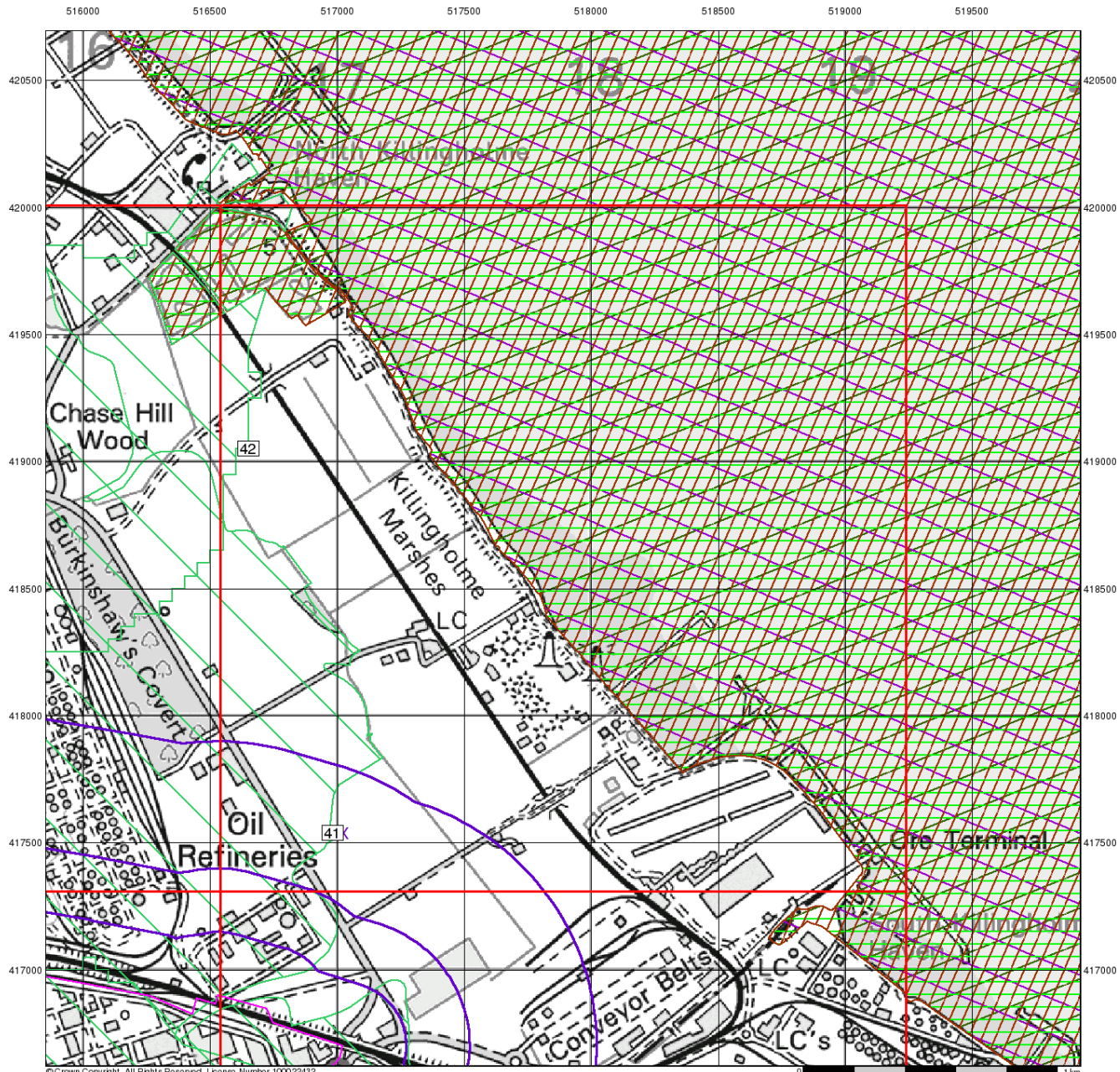
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 Customer Ref: 60668866  
 National Grid Reference: 517020, 417540  
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 Site Area (Ha): 74.08  
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### Site Details

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## Sensitive Land Uses

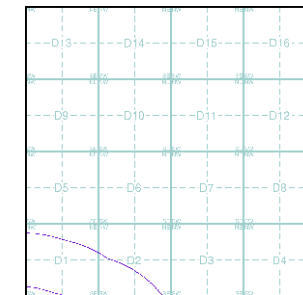
### General

-  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 D



### Order Details

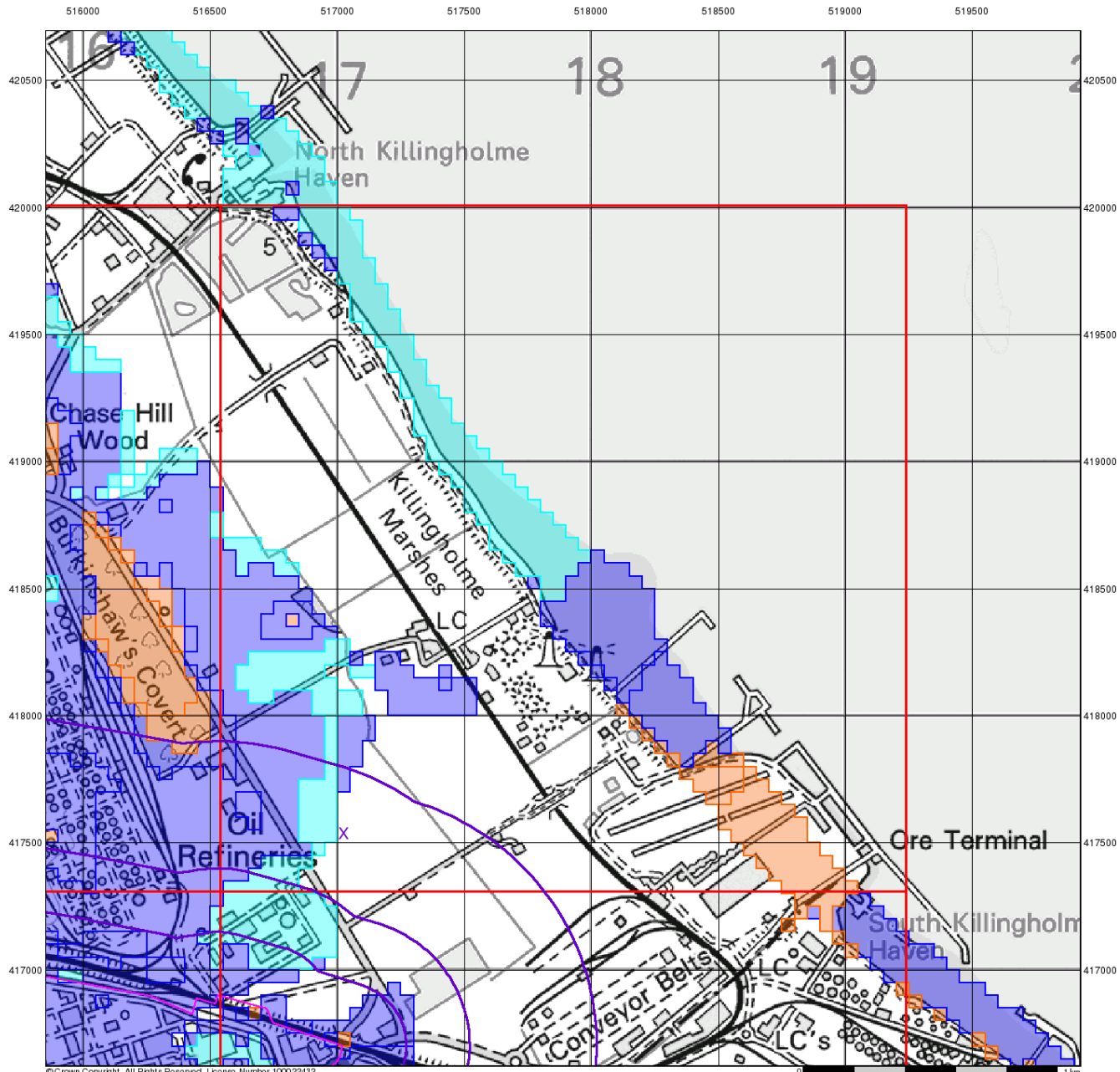
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## BGS Flood GFS Data

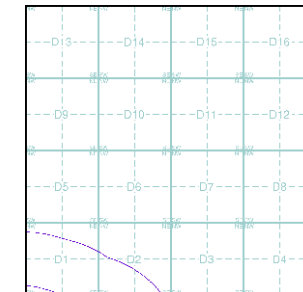
### General

- 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 D



### Order Details

Order Number: 292199669\_1\_1  
 Customer Ref: 60668866  
 National Grid Reference: 517020, 417540  
 Slice: D  
 Site Area (Ha): 74.08  
 Search Buffer (m): 1000

### Site Details

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## Envirocheck<sup>®</sup> Report:

### Datasheet

#### Order Details:

**Order Number:**

292199669\_1\_1

**Customer Reference:**

60668866

**National Grid Reference:**

517020, 417540

**Slice:**

D

**Site Area (Ha):**

74.08

**Search Buffer (m):**

1000

#### Site Details:

Total UK Ltd, Killingholme Terminal

Eastfield Road

North Killingholme

IMMINGHAM

DN40 3LJ

#### Client Details:

Ms H Hughes

Aecom Infrastructure & Environment UK Ltd

Royal Court

Basil Close

Chesterfield

Derbyshire

S41 7SL

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	11
Hazardous Substances	12
Geological	13
Industrial Land Use	-
Sensitive Land Use	15
Data Currency	16
Data Suppliers	22
Useful Contacts	23

### 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.

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### Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Agency &amp; Hydrological</b>					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes		n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 2				1
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control	pg 2				1
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls					
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 2			Yes	
Pollution Incidents to Controlled Waters					
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality					
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions	pg 2				(*12)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 5	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 6	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 6	Yes	n/a	n/a	n/a
Source Protection Zones	pg 6	1			1
Extreme Flooding from Rivers or Sea without Defences	pg 6	Yes		n/a	n/a
Flooding from Rivers or Sea without Defences	pg 7	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 7			4	30

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Waste</b>					
BGS Recorded Landfill Sites					
Historical Landfill Sites	pg 11			1	
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Landfill Coverage	pg 11	1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)					
Potentially Infilled Land (Water)					
Registered Landfill Sites					
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
<b>Hazardous Substances</b>					
Control of Major Accident Hazards Sites (COMAH)	pg 12				1
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Geological</b>					
BGS 1:625,000 Solid Geology	pg 13	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 13	Yes			
BGS Recorded Mineral Sites					
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 13	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 13	Yes		n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 13	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 13	Yes		n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 13	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
<b>Industrial Land Use</b>					
Contemporary Trade Directory Entries					
Fuel Station Entries					
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					
Gas Pipelines					
Underground Electrical Cables					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Sensitive Land Use</b>					
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 15	2			
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
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	1	517000 416750
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	0	1	517025 416750
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	0	1	516100 416900
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	0	1	516550 416900
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D1SE (W)	0	1	516900 417500
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(S)	0	1	516700 416750
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	1	517050 416700
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	0	1	516450 416750
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SW)	0	1	516000 417000
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	0	1	516650 416850
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	0	1	516700 416850
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	1	516900 416800
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	51	1	516400 417050
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	(W)	63	1	515900 417539
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	72	1	516250 417150
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	93	1	516150 417700
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	D1SE (SW)	100	1	516900 417450
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	126	1	515900 417150
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	235	1	516950 417050

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	<p><b>Discharge Consents</b></p> <p>Operator: Prax Lindsey Oil Refinery Limited  Property Type: MAKING OF COKE + REFINED PETROLEUM PRODUCTS  Location: Lindsey Oil Refinery, North Killingholme, Immingham, North Lincolnshire, Dn40 3lw  Authority: Environment Agency, Anglian Region  Catchment Area: Skitter Beck (Immingham)  Reference: Eprvp3424xr  Permit Version: 1  Effective Date: 5th September 2012  Issued Date: 5th September 2012  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Trib Of River Humber  <b>Status: New issued under EPR 2010</b>  Positional Accuracy: Located by supplier to within 10m</p>	D1SW (W)	637	2	516576 417535
2	<p><b>Integrated Pollution Prevention And Control</b></p> <p>Name: Vpi Immingham B Limited  Location: Vpi Immingham Ocgt Power Station - Epr/Np3005pr, Vpi Immingham Ocgt Power Station, Land To The North Of The,Vpi Immingham Chp Power Station,Rosper Road, South Killingholme, Immingham, DN40 3DZ  Authority: Environment Agency, Anglian Region  Permit Reference: NP3005PR  Original Permit Ref: Np3005pr  Effective Date: 22nd November 2019  <b>Status: Effective</b>  Application Type: Application  App. Sub Type: New  Positional Accuracy: Located by supplier to within 10m  Activity Code: 0.0 Associated Process  Activity Description: Associated Process  Primary Activity: N  Activity Code: 1.1 A(1) (A)  Activity Description: Combustion; Any Fuel Greater Or Equal To 50Mw  Primary Activity: Y</p>	D1SW (W)	554	2	516690 417430
	<p><b>Nearest Surface Water Feature</b></p>	D1SW (SW)	330	-	516719 417346
	<p><b>Water Abstractions</b></p> <p>Operator: Phillips 66 Limited  Licence Number: 4/29/09/*G/0129  Permit Version: 102  Location: Inland Cavern Bore 1  Authority: Environment Agency, Anglian Region  Abstraction: Other Industrial/Commercial/Public Services: General Use (Low Loss)  Abstraction Type: Water may be abstracted from a single point  Source: Groundwater  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Not Supplied  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 13th July 2012  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	D2SE (E)	1045	2	517760 417440
	<p><b>Water Abstractions</b></p> <p>Operator: Phillips 66 Ltd  Licence Number: 4/29/09/*G/0129  Permit Version: 101  Location: Inland Cavern Bore 1  Authority: Environment Agency, Anglian Region  Abstraction: Other Industrial/Commercial/Public Services: General Use (Low Loss)  Abstraction Type: Water may be abstracted from a single point  Source: Groundwater  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Not Supplied  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 15th July 2003  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	D2SE (E)	1045	2	517760 417440

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Water Abstractions</b></p> <p>Operator: Calor Gas Ltd  Licence Number: 4/29/09/*G/0129  Permit Version: 100  Location: Inland Cavern Bore 1  Authority: Environment Agency, Anglian Region  Abstraction: Other Industrial/Commercial/Public Services: General Use (Low Loss)  Abstraction Type: Water may be abstracted from a single point  Source: Groundwater  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: L Chalk 2; Status: Perpetuity  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 5th July 1999  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	D2SE (E)	1045	2	517760 417440
	<p><b>Water Abstractions</b></p> <p>Operator: Phillips 66 Limited  Licence Number: 4/29/09/*G/0129  Permit Version: 102  Location: Inland Cavern Bore 2  Authority: Environment Agency, Anglian Region  Abstraction: Other Industrial/Commercial/Public Services: General Use (Low Loss)  Abstraction Type: Water may be abstracted from a single point  Source: Groundwater  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Not Supplied  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 13th July 2012  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	D2SE (E)	1052	2	517770 417440
	<p><b>Water Abstractions</b></p> <p>Operator: Phillips 66 Ltd  Licence Number: 4/29/09/*G/0129  Permit Version: 101  Location: Inland Cavern Bore 2  Authority: Environment Agency, Anglian Region  Abstraction: Other Industrial/Commercial/Public Services: General Use (Low Loss)  Abstraction Type: Water may be abstracted from a single point  Source: Groundwater  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Not Supplied  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 15th July 2003  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	D2SE (E)	1052	2	517770 417440
	<p><b>Water Abstractions</b></p> <p>Operator: Calor Gas Ltd  Licence Number: 4/29/09/*G/0129  Permit Version: 100  Location: Inland Cavern Bore 2  Authority: Environment Agency, Anglian Region  Abstraction: Other Industrial/Commercial/Public Services: General Use (Low Loss)  Abstraction Type: Water may be abstracted from a single point  Source: Groundwater  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: L Chalk 2; Status: Perpetuity  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 5th July 1999  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	D2SE (E)	1052	2	517770 417440

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Water Abstractions</b></p> <p>Operator: Phillips 66 Limited            Licence Number: 4/29/09/*G/0129            Permit Version: 102            Location: Riverside Cavern Bore 1            Authority: Environment Agency, Anglian Region            Abstraction: Other Industrial/Commercial/Public Services: General Use (Low Loss)            Abstraction Type: Water may be abstracted from a single point            Source: Groundwater            Daily Rate (m3): Not Supplied            Yearly Rate (m3): Not Supplied            Details: Not Supplied            Authorised Start: 01 January            Authorised End: 31 December            Permit Start Date: 13th July 2012            Permit End Date: Not Supplied            Positional Accuracy: Located by supplier to within 10m</p>	D3NW (E)	1590	2	518170 417800
	<p><b>Water Abstractions</b></p> <p>Operator: Phillips 66 Ltd            Licence Number: 4/29/09/*G/0129            Permit Version: 101            Location: Riverside Cavern Bore 1            Authority: Environment Agency, Anglian Region            Abstraction: Other Industrial/Commercial/Public Services: General Use (Low Loss)            Abstraction Type: Water may be abstracted from a single point            Source: Groundwater            Daily Rate (m3): Not Supplied            Yearly Rate (m3): Not Supplied            Details: Not Supplied            Authorised Start: 01 January            Authorised End: 31 December            Permit Start Date: 15th July 2003            Permit End Date: Not Supplied            Positional Accuracy: Located by supplier to within 10m</p>	D3NW (E)	1590	2	518170 417800
	<p><b>Water Abstractions</b></p> <p>Operator: Calor Gas Ltd            Licence Number: 4/29/09/*G/0129            Permit Version: 100            Location: Riverside Cavern Bore 1            Authority: Environment Agency, Anglian Region            Abstraction: Other Industrial/Commercial/Public Services: General Use (Low Loss)            Abstraction Type: Water may be abstracted from a single point            Source: Groundwater            Daily Rate (m3): Not Supplied            Yearly Rate (m3): Not Supplied            Details: L Chalk 2; Status: Perpetuity            Authorised Start: 01 January            Authorised End: 31 December            Permit Start Date: 5th July 1999            Permit End Date: Not Supplied            Positional Accuracy: Located by supplier to within 10m</p>	D3NW (E)	1590	2	518170 417800
	<p><b>Water Abstractions</b></p> <p>Operator: Phillips 66 Limited            Licence Number: 4/29/09/*G/0129            Permit Version: 102            Location: Riverside Cavern Bore 2            Authority: Environment Agency, Anglian Region            Abstraction: Other Industrial/Commercial/Public Services: General Use (Low Loss)            Abstraction Type: Water may be abstracted from a single point            Source: Groundwater            Daily Rate (m3): Not Supplied            Yearly Rate (m3): Not Supplied            Details: Not Supplied            Authorised Start: 01 January            Authorised End: 31 December            Permit Start Date: 13th July 2012            Permit End Date: Not Supplied            Positional Accuracy: Located by supplier to within 10m</p>	D3NW (E)	1598	2	518180 417800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Water Abstractions</b></p> <p>Operator: Phillips 66 Ltd            Licence Number: 4/29/09/*G/0129            Permit Version: 101            Location: Riverside Cavern Bore 2            Authority: Environment Agency, Anglian Region            Abstraction: Other Industrial/Commercial/Public Services: General Use (Low Loss)            Abstraction Type: Water may be abstracted from a single point            Source: Groundwater            Daily Rate (m3): Not Supplied            Yearly Rate (m3): Not Supplied            Details: Not Supplied            Authorised Start: 01 January            Authorised End: 31 December            Permit Start Date: 15th July 2003            Permit End Date: Not Supplied            Positional Accuracy: Located by supplier to within 10m</p>	D3NW (E)	1598	2	518180 417800
	<p><b>Water Abstractions</b></p> <p>Operator: Calor Gas Ltd            Licence Number: 4/29/09/*G/0129            Permit Version: 100            Location: Riverside Cavern Bore 2            Authority: Environment Agency, Anglian Region            Abstraction: Other Industrial/Commercial/Public Services: General Use (Low Loss)            Abstraction Type: Water may be abstracted from a single point            Source: Groundwater            Daily Rate (m3): Not Supplied            Yearly Rate (m3): Not Supplied            Details: L Chalk 2; Status: Perpetuity            Authorised Start: 01 January            Authorised End: 31 December            Permit Start Date: 5th July 1999            Permit End Date: Not Supplied            Positional Accuracy: Located by supplier to within 10m</p>	D3NW (E)	1598	2	518180 417800
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Principle Bedrock Aquifer - Low Vulnerability            Combined Vulnerability: Low            Combined Aquifer: Productive Bedrock Aquifer, Unproductive Superficial Aquifer            Pollutant Speed: Low            Bedrock Flow: Well Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: &lt;40%            Superficial Patchiness: &gt;90%            Superficial Thickness: &gt;10m            Superficial Recharge: Low</p>	(S)	0	3	517000 417000
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability            Combined Vulnerability: Medium            Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer            Pollutant Speed: Low            Bedrock Flow: Well Connected Fractures            Dilution: &lt;300 mm/year            Baseflow Index: &lt;40%            Superficial Patchiness: &gt;90%            Superficial Thickness: &gt;10m            Superficial Recharge: Low</p>	(SW)	0	3	516000 417000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: <40% Superficial Patchiness: >90% Superficial Thickness: >10m Superficial Recharge: Low	(S)	0	3	516907 417000
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Superficial Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: >90% Superficial Thickness: >10m Superficial Recharge: Low	(S)	0	3	517226 416947
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive 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	516000 417539
	<b>Groundwater Vulnerability - Soluble Rock Risk</b> None				
	<b>Bedrock Aquifer Designations</b> Aquifer Designation: Principal Aquifer	D1SE (SE)	0	3	517025 417539
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - Undifferentiated	D1SE (W)	0	3	516979 417547
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Unproductive Strata	D1SE (SE)	0	3	517025 417539
3	<b>Source Protection Zones</b> Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone III (Total Catchment): The total area needed to support the discharge from the protected groundwater source.	D1SE (SE)	0	2	517025 417539
4	<b>Source Protection Zones</b> Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone II (Outer Protection Zone): Either 25% of the source area or a 400 day travel time whichever is greater.	(E)	876	2	518030 417181
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	D1SE (SE)	0	2	517025 417539

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	D1SE (SE)	0	2	517025 417539
	<b>Areas Benefiting from Flood Defences</b> None				
	<b>Flood Water Storage Areas</b> None				
	<b>Flood Defences</b> None				
5	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 245.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Louth Grimsby and Ancholme Primacy: 2	D1SW (SW)	330	4	516718 417347
6	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 51.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Louth Grimsby and Ancholme Primacy: 2	D1SW (SW)	439	4	516591 417335
7	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 261.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Louth Grimsby and Ancholme Primacy: 2	D1SE (SW)	446	4	516877 417400
8	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 70.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Louth Grimsby and Ancholme Primacy: 2	D1SW (W)	451	4	516572 417399
9	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 119.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Louth Grimsby and Ancholme Primacy: 2	D1SE (S)	519	4	517064 417367
10	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 134.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Louth Grimsby and Ancholme Primacy: 2	D1SE (SW)	519	4	516888 417420
11	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 92.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Louth Grimsby and Ancholme Primacy: 2	D1SW (SW)	524	4	516847 417426

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
12	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 13.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Louth Grimsby and Ancholme Primacy: 2	D1SW (SW)	601	4	516854 417436
13	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 268.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Louth Grimsby and Ancholme Primacy: 2	D1SE (SE)	605	4	517036 417523
14	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 62.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Louth Grimsby and Ancholme Primacy: 2	D1SW (W)	614	4	516594 417547
15	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 163.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Louth Grimsby and Ancholme Primacy: 2	D1SW (SW)	616	4	516845 417451
16	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 6.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Louth Grimsby and Ancholme Primacy: 2	D1SE (S)	629	4	517075 417374
17	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 134.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Louth Grimsby and Ancholme Primacy: 2	D1SE (SE)	634	4	517111 417396
18	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 18.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Louth Grimsby and Ancholme Primacy: 2	D1SW (W)	650	4	516609 417556
19	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 140.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Louth Grimsby and Ancholme Primacy: 2	D1SE (SE)	661	4	517199 417429
20	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 9.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Louth Grimsby and Ancholme Primacy: 2	D1SW (W)	661	4	516618 417561

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
21	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 15.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Louth Grimsby and Ancholme Primacy: 2	D1SW (W)	667	4	516631 417569
22	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 108.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Louth Grimsby and Ancholme Primacy: 2	D1SW (W)	677	4	516724 417625
23	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 115.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Louth Grimsby and Ancholme Primacy: 2	D1SW (W)	684	4	516595 417581
24	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 210.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Louth Grimsby and Ancholme Primacy: 2	D1SE (W)	722	4	516984 417540
25	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 13.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Louth Grimsby and Ancholme Primacy: 2	D1SE (SE)	750	4	517189 417443
26	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 146.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Louth Grimsby and Ancholme Primacy: 2	D1SW (W)	757	4	516733 417629
27	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 146.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Louth Grimsby and Ancholme Primacy: 2	D1SE (E)	758	4	517110 417567
28	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 226.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Louth Grimsby and Ancholme Primacy: 2	D1SE (E)	818	4	517110 417567
29	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 284.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Louth Grimsby and Ancholme Primacy: 2	D2SW (E)	841	4	517506 417439

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
30	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 111.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Louth Grimsby and Ancholme Primacy: 2	D2SW (E)	883	4	517506 417439
31	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 2.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Louth Grimsby and Ancholme Primacy: 2	D2SW (E)	885	4	517495 417451
32	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 307.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Louth Grimsby and Ancholme Primacy: 2	D2NW (NE)	887	4	517300 417688
33	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 19.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Louth Grimsby and Ancholme Primacy: 2	D2SW (E)	887	4	517495 417451
34	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 8.5 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Louth Grimsby and Ancholme Primacy: 2	D2SW (E)	904	4	517513 417460
35	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 112.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Louth Grimsby and Ancholme Primacy: 2	D2SW (E)	912	4	517520 417465
36	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 156.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Louth Grimsby and Ancholme Primacy: 1	D2SE (E)	989	4	517649 417491
37	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 264.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Louth Grimsby and Ancholme Primacy: 1	D2SE (E)	989	4	517748 417370
38	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 45.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Louth Grimsby and Ancholme Primacy: 2	D2SE (E)	990	4	517605 417500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
39	<b>Historical Landfill Sites</b> Licence Holder: Not Supplied Location: Rosper Road Name: Lindsey Oil Refinery Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD01515 First Input Date: 31st December 1986 Last Input Date: Not Supplied Specified Waste: Deposited Waste included Liquid Sludge Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: 55/19/0767, 2000/5298	D1SW (W)	430	2	516667 417490
	<b>Local Authority Landfill Coverage</b> Name: North Lincolnshire Unitary Council - Has no landfill data to supply		0	5	517025 417539

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
40	<p><b>Control of Major Accident Hazards Sites (COMAH)</b></p> <p>Name: Vpi Immingham Llp            Location: Vpi Immingham, Rosper Road, Immingham, Grimsby, North East Lincolnshire            Dn40 3dz            Reference: Not Supplied            Type: Lower Tier  <b>Status: Active</b>            Positional Accuracy: Manually positioned to the road within the address or location</p>	D1SE (SW)	591	6	516879 417416

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS 1:625,000 Solid Geology</b> Description: White Chalk Subgroup	D1SE (SE)	0	1	517025 417539
	<b>BGS Estimated Soil Chemistry</b> 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: 90 - 120 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	D1SE (W)	0	1	516970 417548
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	D1SE (SE)	0	1	517025 417539
	<b>BGS Measured Urban Soil Chemistry</b> No data available				
	<b>BGS Urban Soil Chemistry Averages</b> No data available				
	<b>Coal Mining Affected Areas</b> In an area that might not be affected by coal mining				
	<b>Non Coal Mining Areas of Great Britain</b> No Hazard				
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D1SE (SE)	0	1	517025 417539
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D1SE (W)	0	1	516979 417547
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	D1SE (SE)	0	1	517025 417539
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D1SE (W)	0	1	516979 417547
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D1SE (SE)	0	1	517025 417539
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D1SE (SE)	0	1	517025 417539
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D1SE (W)	0	1	516979 417547
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	D1SE (SE)	0	1	517025 417539
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D1SE (W)	0	1	516979 417547
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	D1SE (SE)	0	1	517025 417539

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Radon Potential - Radon Affected Areas</b></p> <p>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).</p> <p>Source: British Geological Survey, National Geoscience Information Service</p>	D1SE (SE)	0	1	517025 417539
	<p><b>Radon Potential - Radon Protection Measures</b></p> <p>Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions</p> <p>Source: British Geological Survey, National Geoscience Information Service</p>	D1SE (SE)	0	1	517025 417539

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
41	<b>Nitrate Vulnerable Zones</b> Name: Lincolnshire Chalk Description: Groundwater Source: Environment Agency, Head Office	D1SE (W)	0	3	516983 417540
42	<b>Nitrate Vulnerable Zones</b> Name: North Beck Drain Nvz Description: Surface Water Source: Environment Agency, Head Office	(S)	0	3	516753 416600

Agency & Hydrological	Version	Update Cycle
<b>Contaminated Land Register Entries and Notices</b> Environment Agency - Head Office East Riding of Yorkshire Council - Public Protection Division North East Lincolnshire Council - Environmental Services North Lincolnshire Council - Environmental Protection Team	June 2020 October 2017 October 2017 September 2017	Annually Annual Rolling Update Annual Rolling Update Annual Rolling Update
<b>Discharge Consents</b> Environment Agency - Anglian Region Environment Agency - North East Region	January 2022 January 2022	Quarterly Quarterly
<b>Enforcement and Prohibition Notices</b> Environment Agency - Anglian Region Environment Agency - North East Region	March 2013 March 2013	
<b>Integrated Pollution Controls</b> Environment Agency - Anglian Region Environment Agency - North East Region	January 2009 January 2009	
<b>Integrated Pollution Prevention And Control</b> Environment Agency - Anglian Region Environment Agency - North East Region	January 2022 January 2022	Quarterly Quarterly
<b>Local Authority Integrated Pollution Prevention And Control</b> North East Lincolnshire Council - Environmental Services North Lincolnshire Council - Environmental Protection Team East Riding of Yorkshire Council - Public Protection Division	January 2015 March 2015 November 2014	Variable Variable Variable
<b>Local Authority Pollution Prevention and Controls</b> North East Lincolnshire Council - Environmental Services North Lincolnshire Council - Environmental Protection Team East Riding of Yorkshire Council - Public Protection Division	January 2015 March 2015 November 2014	Annual Rolling Update Annual Rolling Update Annual Rolling Update
<b>Local Authority Pollution Prevention and Control Enforcements</b> North East Lincolnshire Council - Environmental Services North Lincolnshire Council - Environmental Protection Team East Riding of Yorkshire Council - Public Protection Division	January 2015 March 2015 November 2014	Variable Variable Variable
<b>Nearest Surface Water Feature</b> Ordnance Survey	January 2022	
<b>Pollution Incidents to Controlled Waters</b> Environment Agency - North East Region Environment Agency - Anglian Region	December 1998 September 1999	
<b>Prosecutions Relating to Authorised Processes</b> Environment Agency - Anglian Region Environment Agency - North East Region	July 2015 July 2015	
<b>Prosecutions Relating to Controlled Waters</b> Environment Agency - Anglian Region Environment Agency - North East Region	March 2013 March 2013	
<b>Registered Radioactive Substances</b> Environment Agency - Anglian Region Environment Agency - North East Region	June 2016 June 2016	As notified As notified
<b>River Quality</b> Environment Agency - Head Office	November 2001	Not Applicable
<b>River Quality Biology Sampling Points</b> Environment Agency - Head Office	April 2012	
<b>River Quality Chemistry Sampling Points</b> Environment Agency - Head Office	April 2012	
<b>Substantiated Pollution Incident Register</b> Environment Agency - Anglian Region - Northern Area Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area	January 2022 January 2022 January 2022	Quarterly Quarterly Quarterly

Agency & Hydrological	Version	Update Cycle
<b>Water Abstractions</b> Environment Agency - Anglian Region Environment Agency - North East Region	January 2022 January 2022	Quarterly Quarterly
<b>Water Industry Act Referrals</b> Environment Agency - Anglian Region Environment Agency - North East Region	October 2017 October 2017	
<b>Groundwater Vulnerability Map</b> Environment Agency - Head Office	June 2018	As notified
<b>Bedrock Aquifer Designations</b> Environment Agency - Head Office	January 2018	Annually
<b>Superficial Aquifer Designations</b> Environment Agency - Head Office	January 2018	Annually
<b>Source Protection Zones</b> Environment Agency - Head Office	May 2021	Bi-Annually
<b>Extreme Flooding from Rivers or Sea without Defences</b> Environment Agency - Head Office	February 2022	Quarterly
<b>Flooding from Rivers or Sea without Defences</b> Environment Agency - Head Office	February 2022	Quarterly
<b>Areas Benefiting from Flood Defences</b> Environment Agency - Head Office	February 2022	Quarterly
<b>Flood Water Storage Areas</b> Environment Agency - Head Office	February 2022	Quarterly
<b>Flood Defences</b> Environment Agency - Head Office	February 2022	Quarterly
<b>OS Water Network Lines</b> Ordnance Survey	January 2022	Quarterly
<b>Surface Water 1 in 30 year Flood Extent</b> Environment Agency - Head Office	May 2018	Annually
<b>Surface Water 1 in 100 year Flood Extent</b> Environment Agency - Head Office	May 2018	Annually
<b>Surface Water 1 in 1000 year Flood Extent</b> Environment Agency - Head Office	May 2018	Annually
<b>Surface Water Suitability</b> Environment Agency - Head Office	February 2016	Annually
<b>BGS Groundwater Flooding Susceptibility</b> British Geological Survey - National Geoscience Information Service	May 2013	As notified

Waste	Version	Update Cycle
<b>BGS Recorded Landfill Sites</b> British Geological Survey - National Geoscience Information Service	November 2002	As notified
<b>Historical Landfill Sites</b> Environment Agency - Head Office	January 2022	Quarterly
<b>Integrated Pollution Control Registered Waste Sites</b> Environment Agency - Anglian Region Environment Agency - North East Region	January 2009 January 2009	Not Applicable Not Applicable
<b>Licensed Waste Management Facilities (Landfill Boundaries)</b> Environment Agency - Anglian Region - Northern Area Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area	January 2022 January 2022 January 2022	Quarterly Quarterly Quarterly
<b>Licensed Waste Management Facilities (Locations)</b> Environment Agency - Anglian Region - Northern Area Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area	January 2022 January 2022 January 2022	Quarterly Quarterly Quarterly
<b>Local Authority Landfill Coverage</b> East Riding of Yorkshire Council - Public Protection Division North East Lincolnshire Council - Environmental Services North Lincolnshire Council - Environmental Protection Team	February 2003 February 2003 February 2003	Not Applicable Not Applicable Not Applicable
<b>Local Authority Recorded Landfill Sites</b> East Riding of Yorkshire Council - Public Protection Division North East Lincolnshire Council - Environmental Services North Lincolnshire Council - Environmental Protection Team	October 2018 October 2018 October 2018	
<b>Potentially Infilled Land (Non-Water)</b> Landmark Information Group Limited	December 1999	Not Applicable
<b>Potentially Infilled Land (Water)</b> Landmark Information Group Limited	December 1999	
<b>Registered Landfill Sites</b> Environment Agency - Anglian Region - Northern Area Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area	March 2006 March 2006 March 2006	Not Applicable Not Applicable Not Applicable
<b>Registered Waste Transfer Sites</b> Environment Agency - Anglian Region - Northern Area Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area	April 2018 April 2018 April 2018	
<b>Registered Waste Treatment or Disposal Sites</b> Environment Agency - Anglian Region - Northern Area Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area	June 2015 June 2015 June 2015	

Hazardous Substances	Version	Update Cycle
<b>Control of Major Accident Hazards Sites (COMAH)</b> Health and Safety Executive	January 2022	Bi-Annually
<b>Explosive Sites</b> Health and Safety Executive	March 2017	Annually
<b>Notification of Installations Handling Hazardous Substances (NIHHS)</b> Health and Safety Executive	August 2001	
<b>Planning Hazardous Substance Enforcements</b> North East Lincolnshire Council - Planning Department East Riding of Yorkshire Council North Lincolnshire Council - Planning Department	February 2016 October 2015 October 2015	Variable Variable Variable
<b>Planning Hazardous Substance Consents</b> North East Lincolnshire Council - Planning Department East Riding of Yorkshire Council North Lincolnshire Council - Planning Department	February 2016 October 2015 October 2015	Variable Variable Variable
Geological	Version	Update Cycle
<b>BGS 1:625,000 Solid Geology</b> British Geological Survey - National Geoscience Information Service	January 2009	As notified
<b>BGS Estimated Soil Chemistry</b> British Geological Survey - National Geoscience Information Service	December 2015	As notified
<b>BGS Recorded Mineral Sites</b> British Geological Survey - National Geoscience Information Service	November 2021	Bi-Annually
<b>CBSCB Compensation District</b> Cheshire Brine Subsidence Compensation Board (CBSCB) Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011 November 2020	As notified
<b>Coal Mining Affected Areas</b> The Coal Authority - Property Searches	March 2014	Annual Rolling Update
<b>Mining Instability</b> Ove Arup & Partners	June 1998	Not Applicable
<b>Non Coal Mining Areas of Great Britain</b> British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
<b>Potential for Collapsible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	April 2020	As notified
<b>Potential for Compressible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	As notified
<b>Potential for Ground Dissolution Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	As notified
<b>Potential for Landslide Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	As notified
<b>Potential for Running Sand Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	As notified
<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	As notified
<b>Radon Potential - Radon Affected Areas</b> British Geological Survey - National Geoscience Information Service	July 2011	Annually
<b>Radon Potential - Radon Protection Measures</b> British Geological Survey - National Geoscience Information Service	July 2011	Annually

Industrial Land Use	Version	Update Cycle
<b>Contemporary Trade Directory Entries</b> Thomson Directories	January 2022	Quarterly
<b>Fuel Station Entries</b> Catalist Ltd - Experian	November 2021	Quarterly
<b>Gas Pipelines</b> National Grid	October 2021	Bi-Annually
<b>Points of Interest - Commercial Services</b> PointX	March 2022	Quarterly
<b>Points of Interest - Education and Health</b> PointX	March 2022	Quarterly
<b>Points of Interest - Manufacturing and Production</b> PointX	March 2022	Quarterly
<b>Points of Interest - Public Infrastructure</b> PointX	March 2022	Quarterly
<b>Points of Interest - Recreational and Environmental</b> PointX	March 2022	Quarterly
<b>Underground Electrical Cables</b> National Grid	May 2021	Bi-Annually

Sensitive Land Use	Version	Update Cycle
<b>Ancient Woodland</b> Natural England	February 2021	Bi-Annually
<b>Areas of Adopted Green Belt</b> East Riding of Yorkshire Council - Planning Department North East Lincolnshire Council - Planning Department North Lincolnshire Council	October 2020 October 2020 October 2020	Quarterly Quarterly Quarterly
<b>Areas of Unadopted Green Belt</b> East Riding of Yorkshire Council - Planning Department North East Lincolnshire Council - Planning Department North Lincolnshire Council	October 2020 October 2020 October 2020	Quarterly Quarterly Quarterly
<b>Areas of Outstanding Natural Beauty</b> Natural England	January 2021	Bi-Annually
<b>Environmentally Sensitive Areas</b> Natural England	January 2017	
<b>Forest Parks</b> Forestry Commission	April 1997	Not Applicable
<b>Local Nature Reserves</b> Natural England	February 2021	Bi-Annually
<b>Marine Nature Reserves</b> Natural England	July 2019	Bi-Annually
<b>National Nature Reserves</b> Natural England	January 2021	Bi-Annually
<b>National Parks</b> Natural England	February 2018	Bi-Annually
<b>Nitrate Sensitive Areas</b> Natural England	April 2016	Not Applicable
<b>Nitrate Vulnerable Zones</b> Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Environment Agency - Head Office	April 2016 June 2017	Bi-Annually
<b>Ramsar Sites</b> Natural England	August 2020	Bi-Annually
<b>Sites of Special Scientific Interest</b> Natural England	February 2021	Bi-Annually
<b>Special Areas of Conservation</b> Natural England	July 2020	Bi-Annually
<b>Special Protection Areas</b> Natural England	February 2021	Bi-Annually

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	 <b>British Geological Survey</b> <small>NATURAL ENVIRONMENT RESEARCH COUNCIL</small>
Centre for Ecology and Hydrology	 <b>Centre for Ecology &amp; Hydrology</b> <small>NATURAL ENVIRONMENT RESEARCH COUNCIL</small>
Natural Resources Wales	
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Stantec UK Ltd	

Contact	Name and Address	Contact Details
1	<b>British Geological Survey - Enquiry Service</b> 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	<b>Environment Agency - National Customer Contact Centre (NCCC)</b> PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	<b>Environment Agency - Head Office</b> Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
4	<b>Ordnance Survey</b> Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
5	<b>North Lincolnshire Council - Environmental Protection Team</b> Church Square House, PO Box 42, Scunthorpe, Lincolnshire, DN15 6XQ	Telephone: 01724 296296 Fax: 01724 280271 Website: www.northlincs.gov.uk
6	<b>Health and Safety Executive</b> 5S.2 Redgrave Court, Merton Road, Bootle, L20 7HS	Website: www.hse.gov.uk
7	<b>PointX</b> 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
8	<b>Natural England</b> County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
-	<b>Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards</b> Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	<b>Landmark Information Group Limited</b> Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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

# Historical Mapping Legends

## Ordnance Survey County Series 1:10,560

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

## Ordnance Survey Plan 1:10,000

- Chalk Pit, Clay Pit or Quarry
- Gravel Pit
- Sand Pit
- Disused Pit or Quarry
- Refuse or Slag Heap
- Lake, Loch or Pond
- Dunes
- Boulders
- Coniferous Trees
- Non-Coniferous Trees
- Orchard
- Scrub
- Coppice
- Bracken
- Heath
- Rough Grassland
- Marsh
- Reeds
- Saltings
- Building
- Glasshouse
- Sloping Masonry
- Pylon
- Electricity Transmission Line
- Pole
- Cutting
- Embankment
- Standard Gauge Multiple Track
- Standard Gauge Single Track
- Siding, Tramway or Mineral Line
- Narrow Gauge
- Geographical County
- Administrative County, County Borough or County of City
- Municipal Borough, Urban or Rural District, Burgh or District Council
- Borough, Burgh or County Constituency
- Civil Parish
- BP, BS** Boundary Post or Stone
- Ch** Church
- CH** Club House
- F E Sta** Fire Engine Station
- FB** Foot Bridge
- Fn** Fountain
- GP** Guide Post
- MP** Mile Post
- MS** Mile Stone
- Pol Sta** Police Station
- PO** Post Office
- PC** Public Convenience
- PH** Public House
- SB** Signal Box
- Spr** Spring
- TCB** Telephone Call Box
- TCP** Telephone Call Post
- W** Well

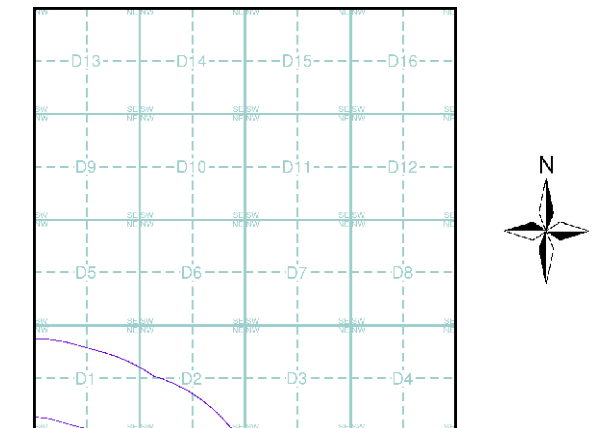
## 1:10,000 Raster Mapping

- Gravel Pit
- Rock
- Boulders
- Shingle
- Sand
- Slopes
- Refuse tip or slag heap
- Rock (scattered)
- Boulders (scattered)
- Mud
- Sand Pit
- 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
- Coniferous trees
- 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)
- 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

## Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Yorkshire	1:10,560	1855	2
Lincolnshire	1:10,560	1886 - 1887	3
Yorkshire	1:10,560	1892	4
Lincolnshire	1:10,560	1910	5
Yorkshire	1:10,560	1910	6
Lincolnshire	1:10,560	1932	7
Yorkshire	1:10,560	1950 - 1951	8
Lincolnshire	1:10,560	1951	9
Ordnance Survey Plan	1:10,000	1956	10
Ordnance Survey Plan	1:10,000	1965 - 1966	11
Ordnance Survey Plan	1:10,000	1968	12
Ordnance Survey Plan	1:10,000	1970 - 1974	13
Ordnance Survey Plan	1:10,000	1985	14
10K Raster Mapping	1:10,000	1999 - 2000	15
10K Raster Mapping	1:10,000	2006	16
VectorMap Local	1:10,000	2021	17

## Historical Map - Slice D

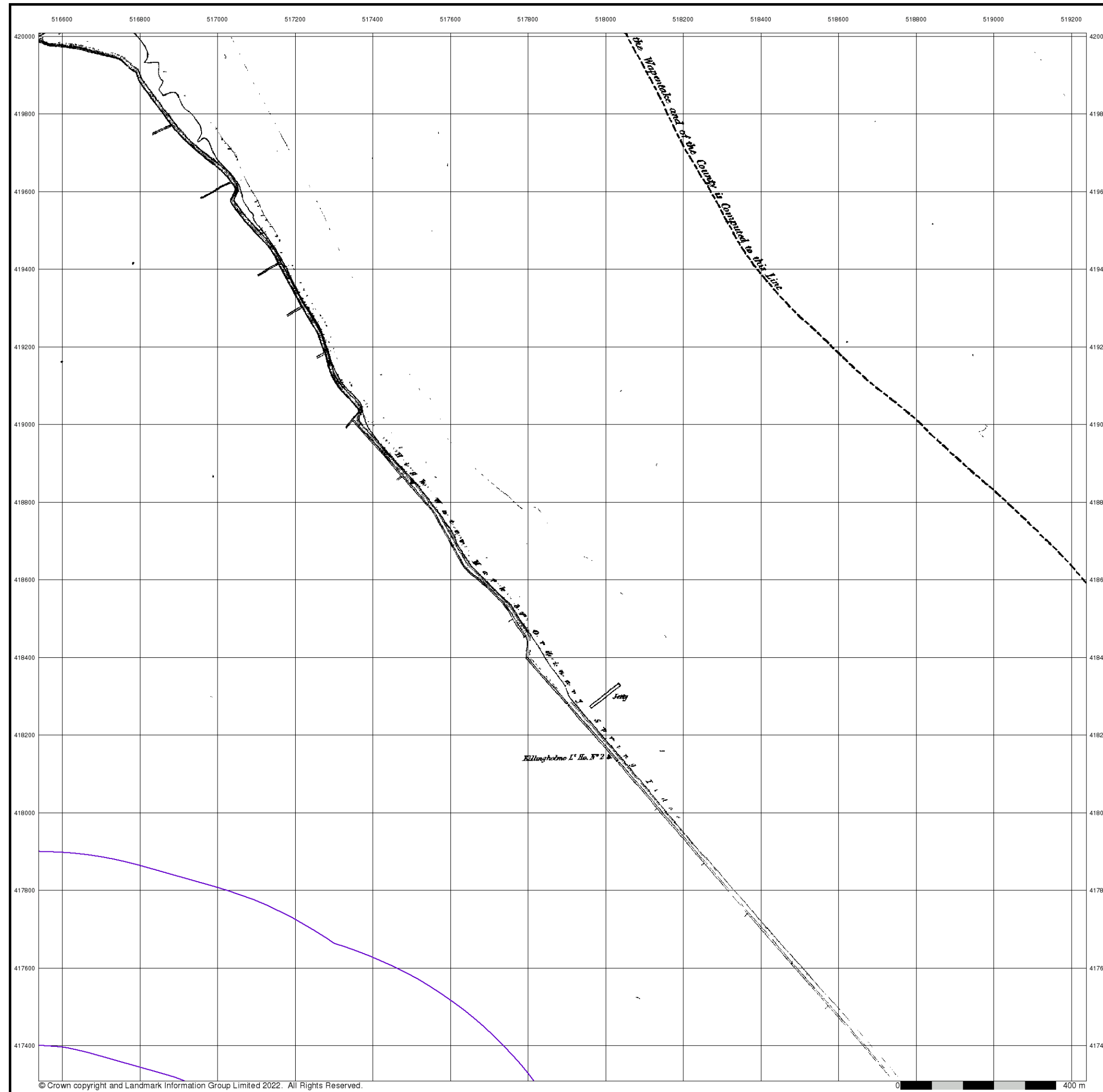


## Order Details

Order Number: 292199669\_1\_1  
 Customer Ref: 60668866  
 National Grid Reference: 517020, 417540  
 Slice: D  
 Site Area (Ha): 74.08  
 Search Buffer (m): 1000

## Site Details

Total UK Ltd, Killingholme Terminal, Eastfield Road, North Killingholme, IMMINGHAM, DN40 3LJ



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# Envirocheck®

LANDMARK INFORMATION GROUP®

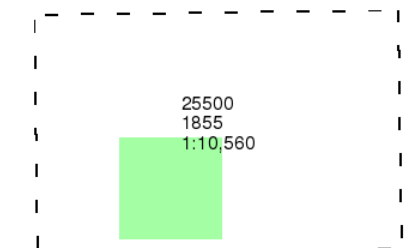
**Yorkshire**

**Published 1855**

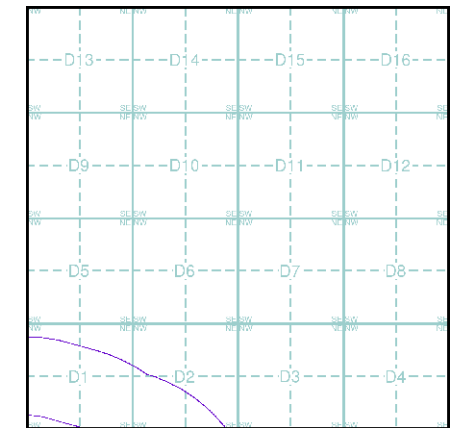
**Source map scale - 1:10,560**

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 D



## Order Details

Order Number: 292199669\_1\_1  
 Customer Ref: 60668866  
 National Grid Reference: 517020, 417540  
 Slice: D  
 Site Area (Ha): 74.08  
 Search Buffer (m): 1000

## Site Details

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## Lincolnshire

Published 1886 - 1887

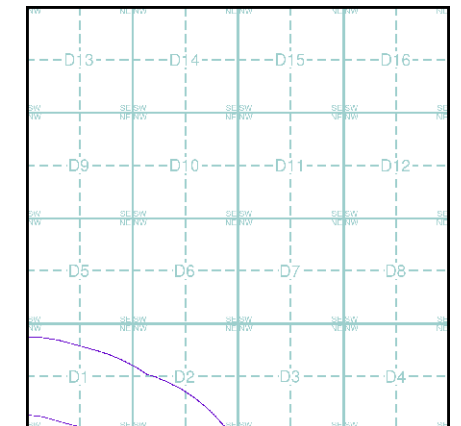
Source map scale - 1:10,560

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)

008SE
1886
1:10,560
013NE
1887
1:10,560

### Historical Map - Slice D

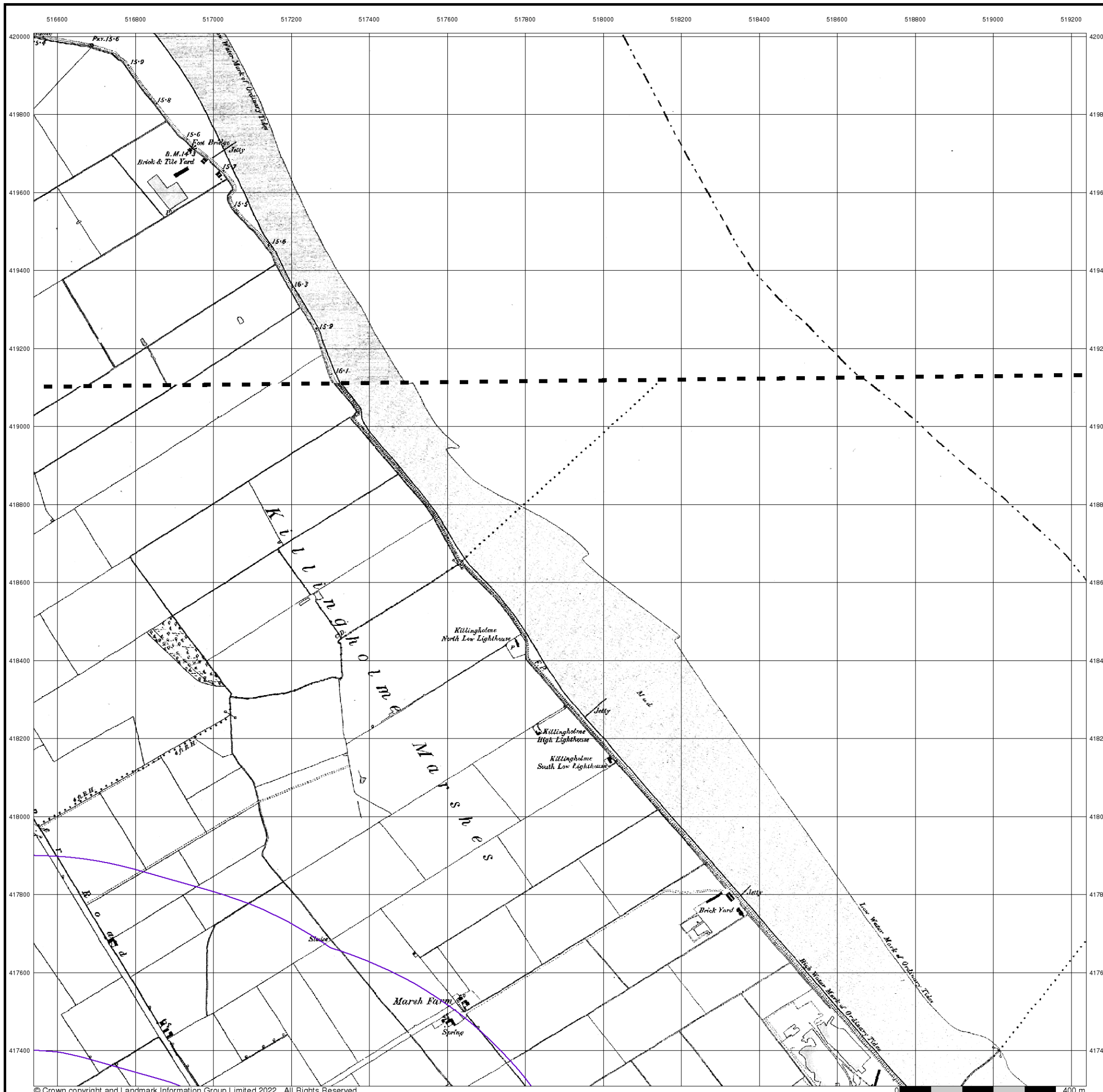


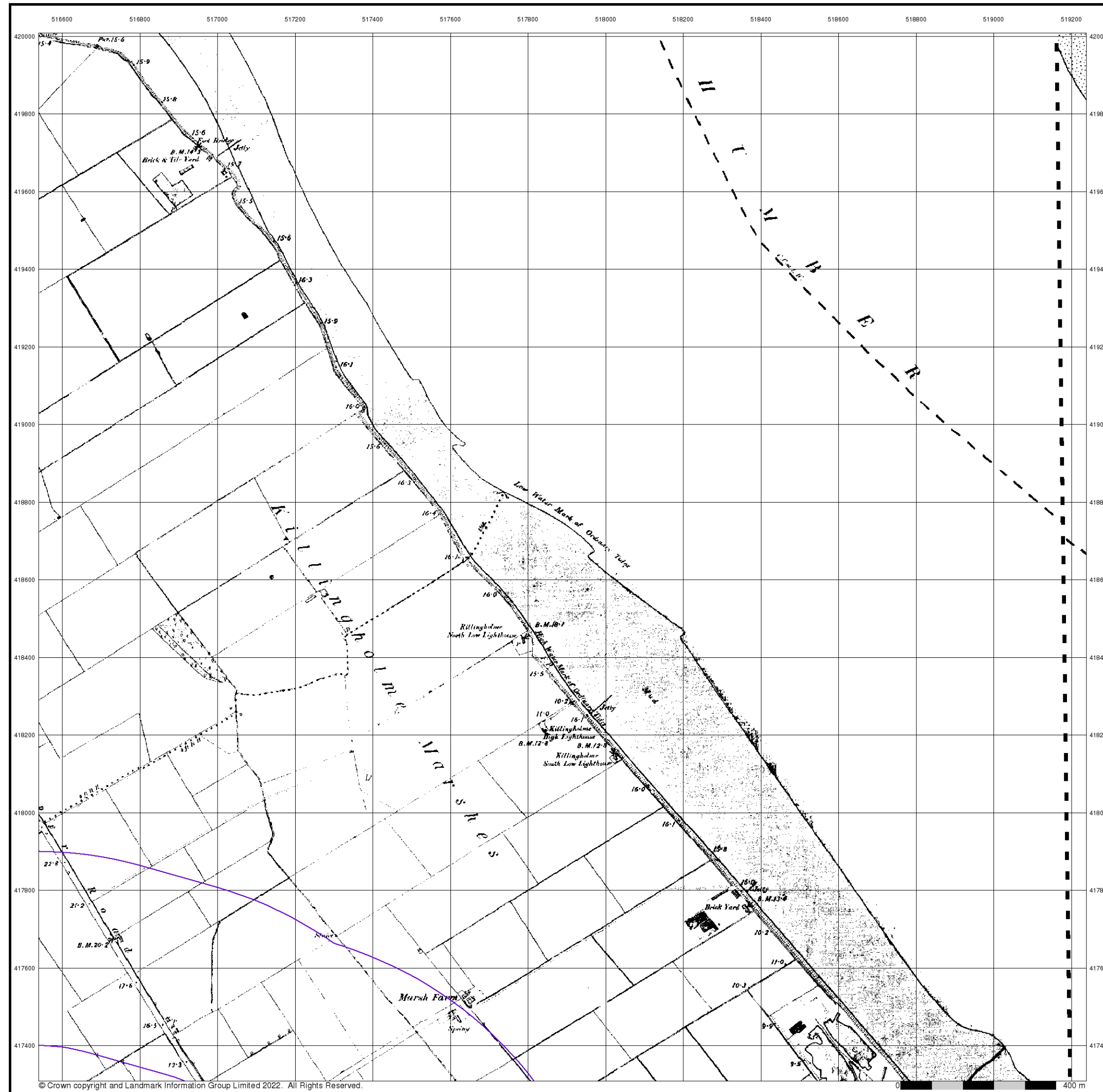
### Order Details

Order Number: 292199669\_1\_1  
 Customer Ref: 60668866  
 National Grid Reference: 517020, 417540  
 Slice: D  
 Site Area (Ha): 74.08  
 Search Buffer (m): 1000

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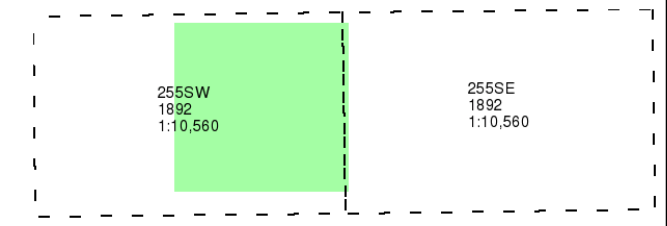
Yorkshire

Published 1892

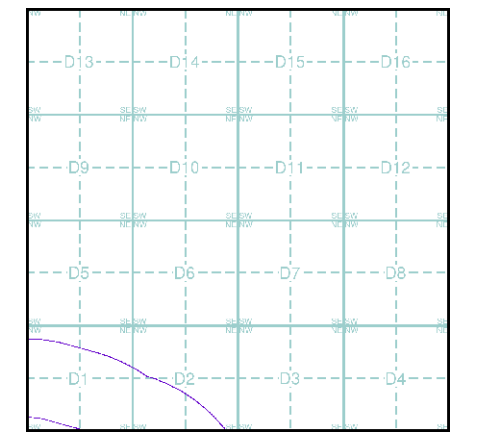
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps.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



## Order Details

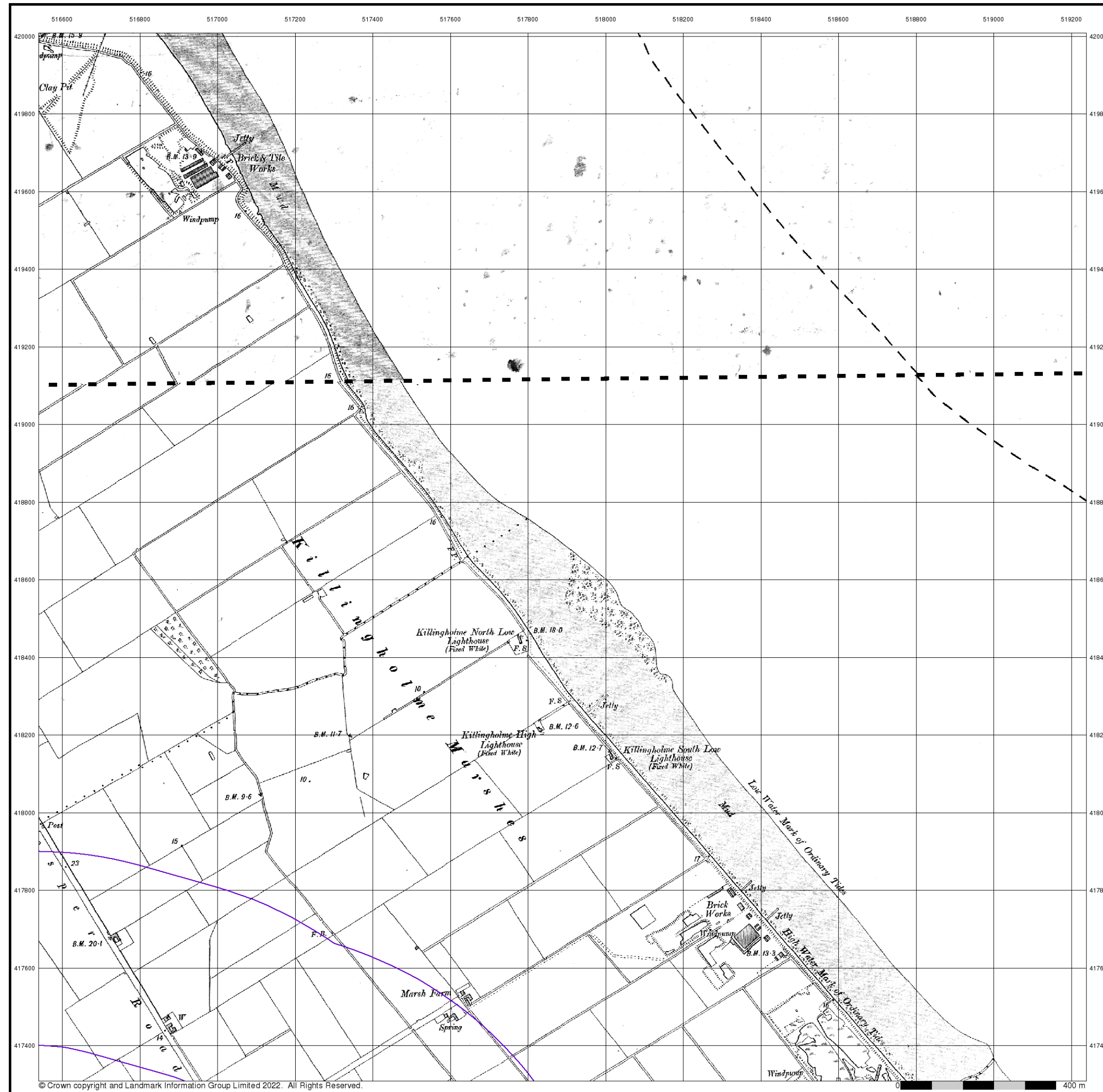
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 Customer Ref: 60668866  
 National Grid Reference: 517020, 417540  
 Slice: D  
 Site Area (Ha): 74.08  
 Search Buffer (m): 1000

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## Lincolnshire

Published 1910

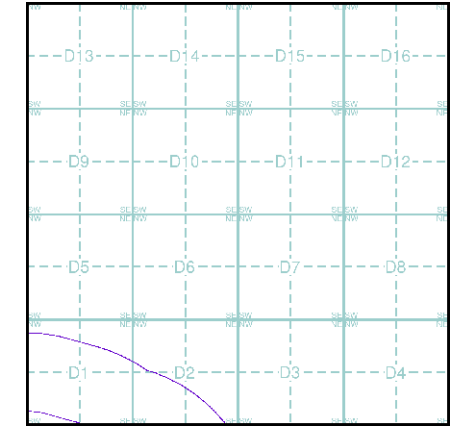
Source map scale - 1:10,560

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)

008SE	1910	1:10,560
013NE	1910	1:10,560

### Historical Map - Slice D



### Order Details

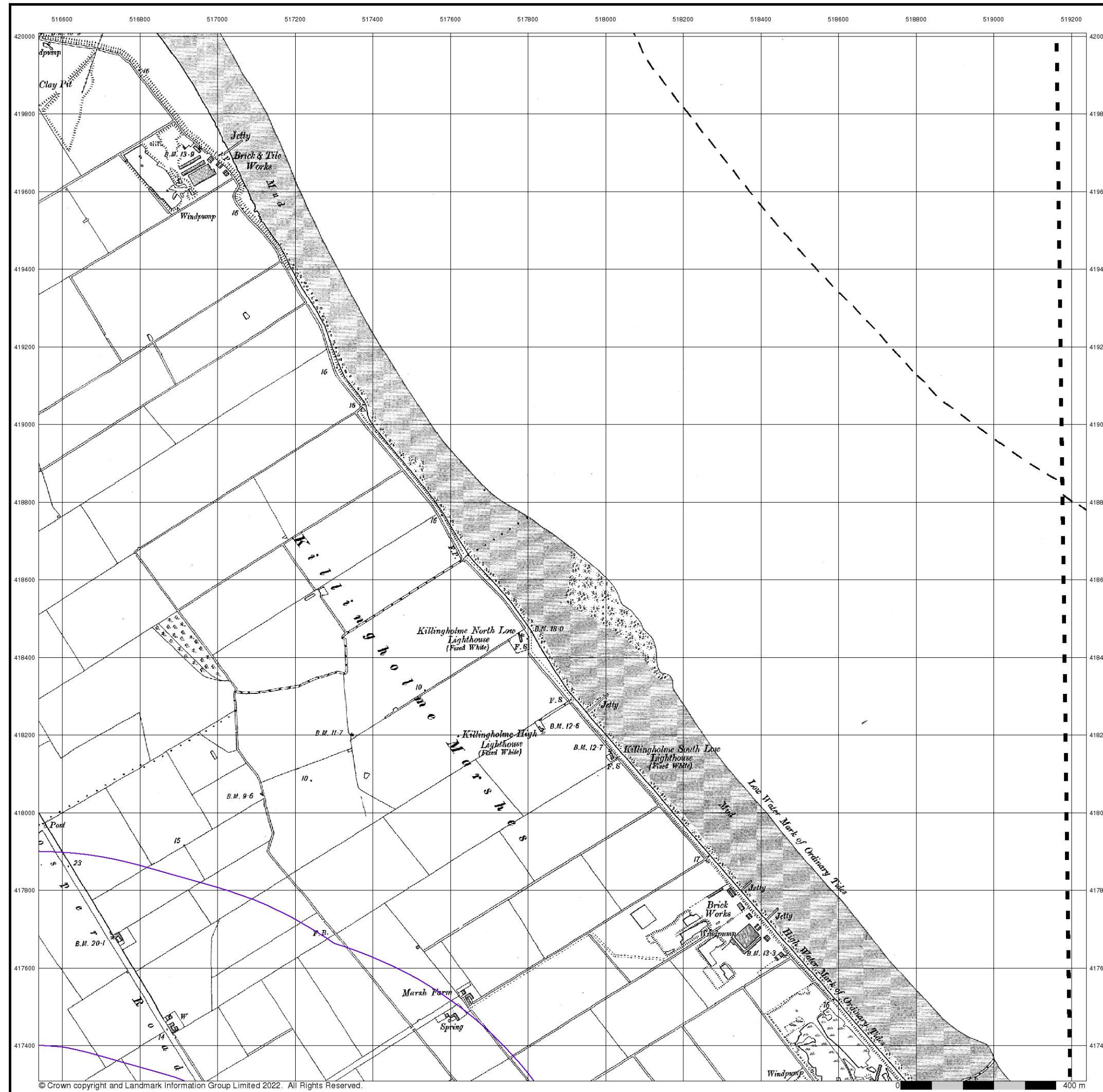
Order Number: 292199669\_1\_1  
 Customer Ref: 60668866  
 National Grid Reference: 517020, 417540  
 Slice: D  
 Site Area (Ha): 74.08  
 Search Buffer (m): 1000

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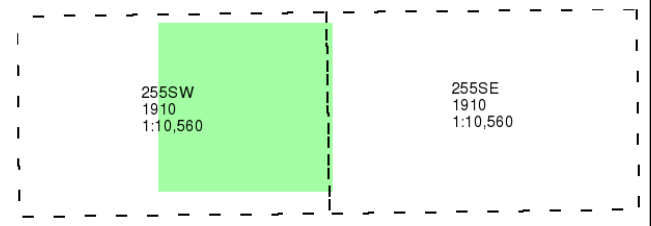
## Yorkshire

Published 1910

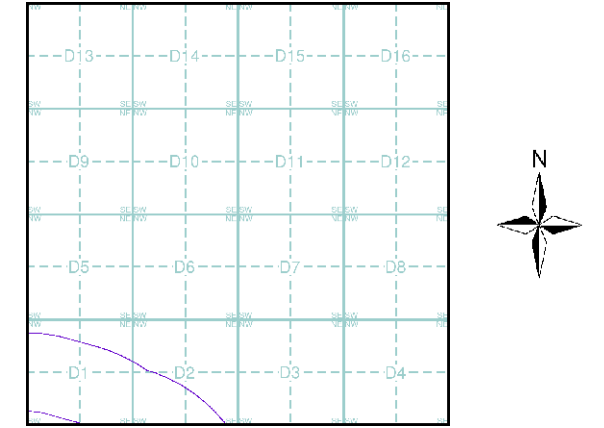
Source map scale - 1:10,560

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 D



### Order Details

Order Number: 292199669\_1\_1  
 Customer Ref: 60668866  
 National Grid Reference: 517020, 417540  
 Slice: D  
 Site Area (Ha): 74.08  
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## Lincolnshire

Published 1932

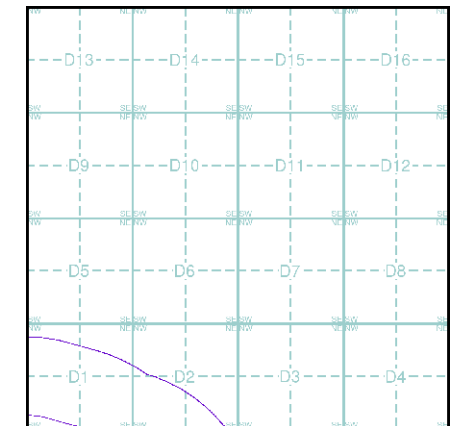
Source map scale - 1:10,560

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)

008SE 1932 1:10,560
013NE 1932 1:10,560

### Historical Map - Slice D

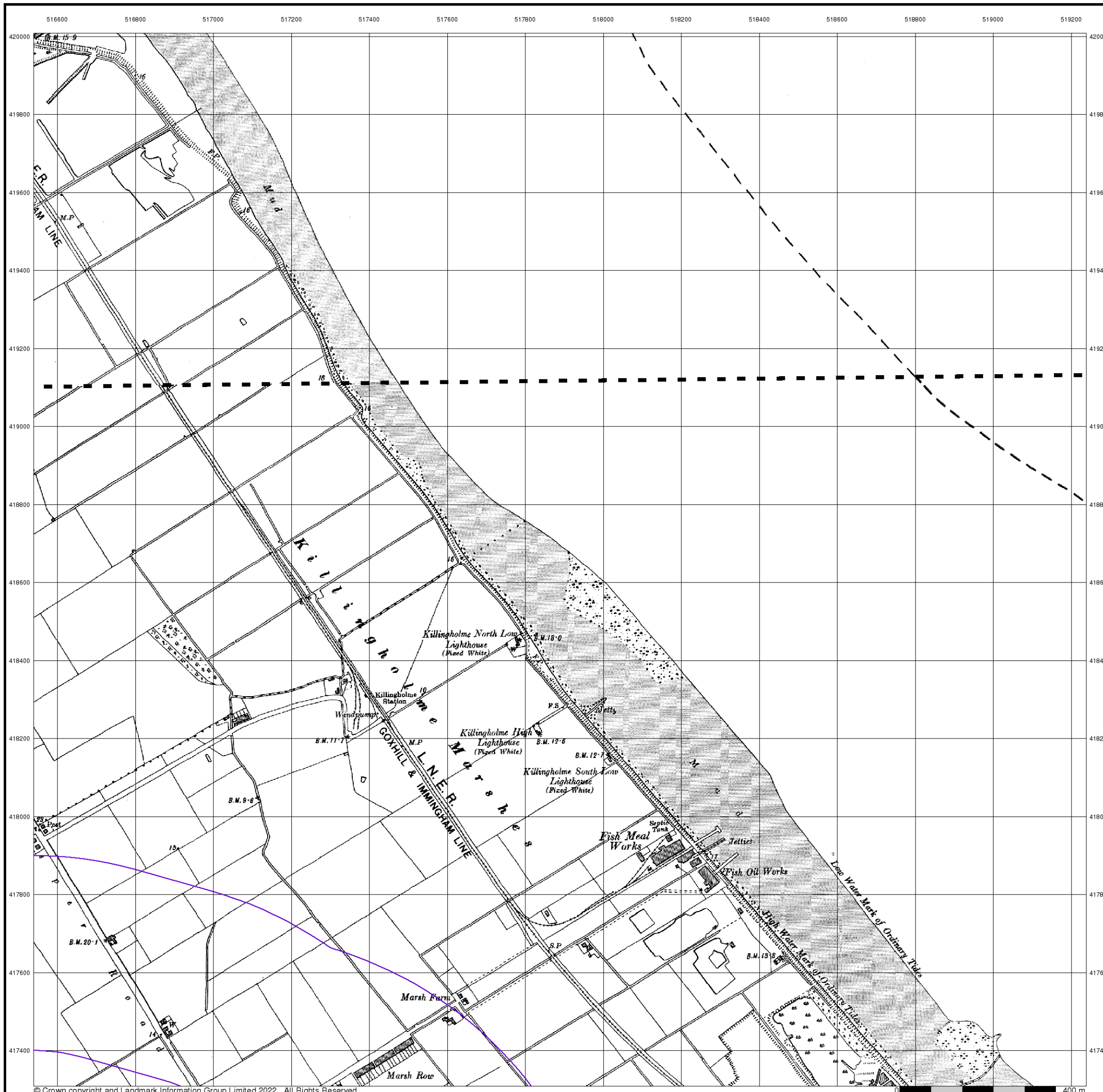


### Order Details

Order Number: 292199669\_1\_1  
Customer Ref: 60668866  
National Grid Reference: 517020, 417540  
Slice: D  
Site Area (Ha): 74.08  
Search Buffer (m): 1000

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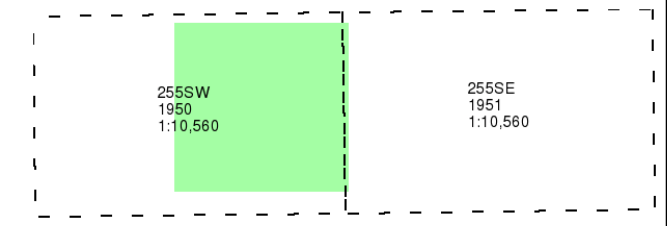
Yorkshire

Published 1950 - 1951

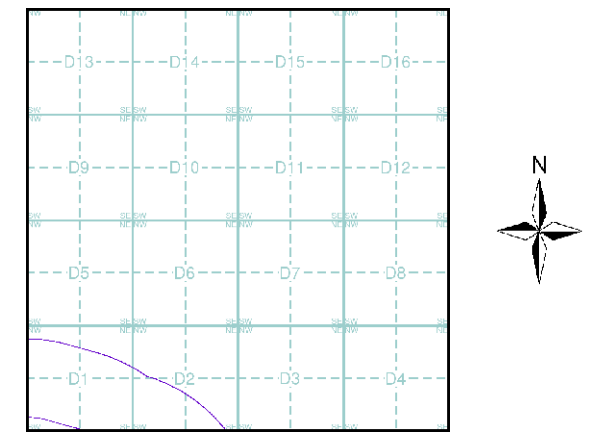
Source map scale - 1:10,560

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 D



## Order Details

Order Number: 292199669\_1\_1  
 Customer Ref: 60668866  
 National Grid Reference: 517020, 417540  
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 Site Area (Ha): 74.08  
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Lincolnshire

Published 1951

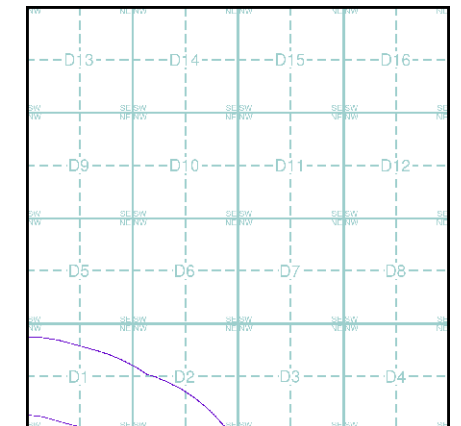
Source map scale - 1:10,560

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)

008SE	1951	1:10,560
013NE	1951	1:10,560

## Historical Map - Slice D



## Order Details

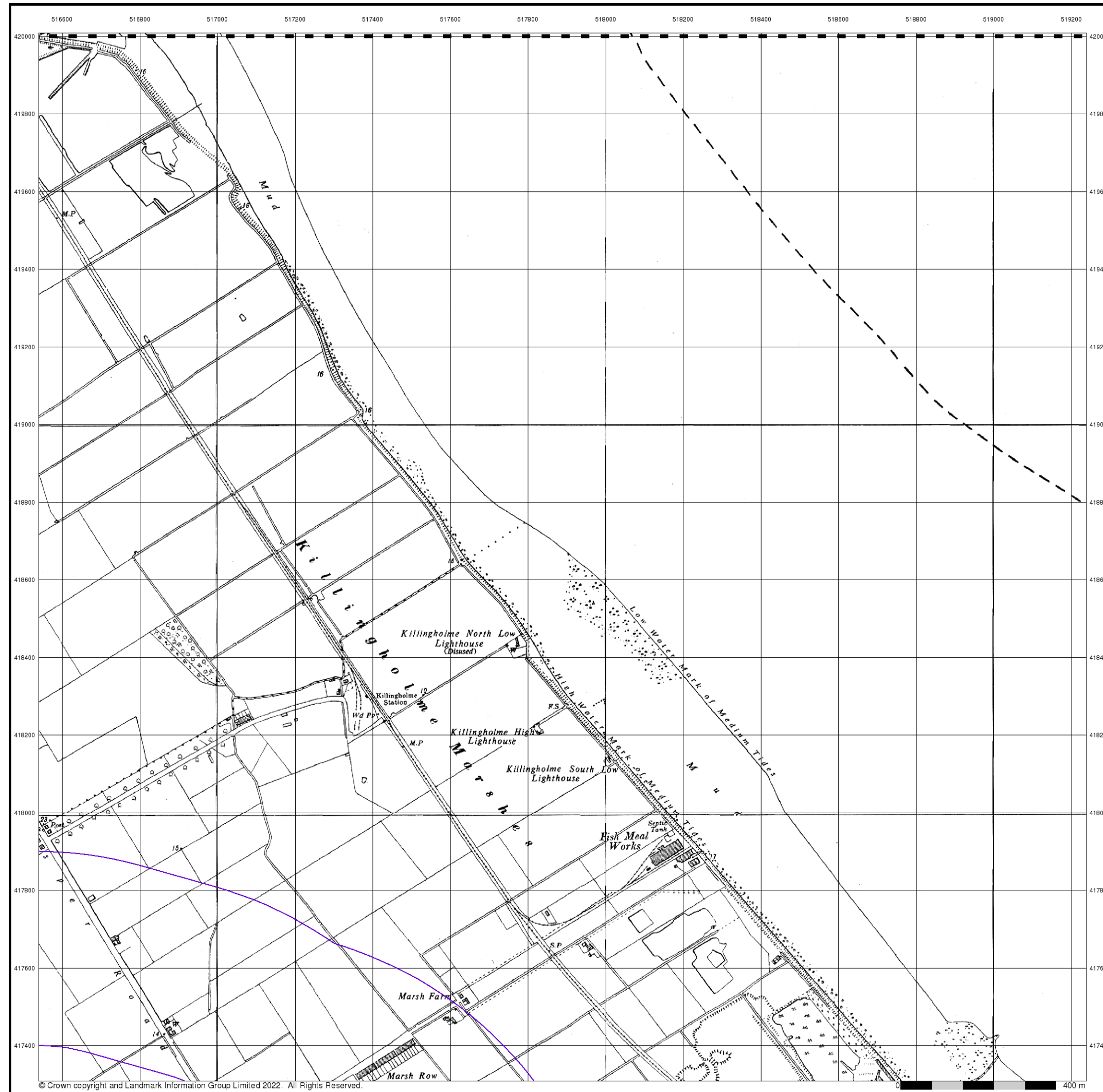
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 Slice: D  
 Site Area (Ha): 74.08  
 Search Buffer (m): 1000

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## Ordnance Survey Plan

Published 1956

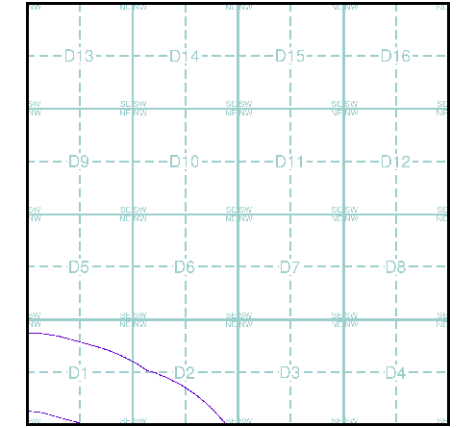
Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

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

TA12SE	1956	1:10,560
TA11NE	1956	1:10,560

### Historical Map - Slice D



### Order Details

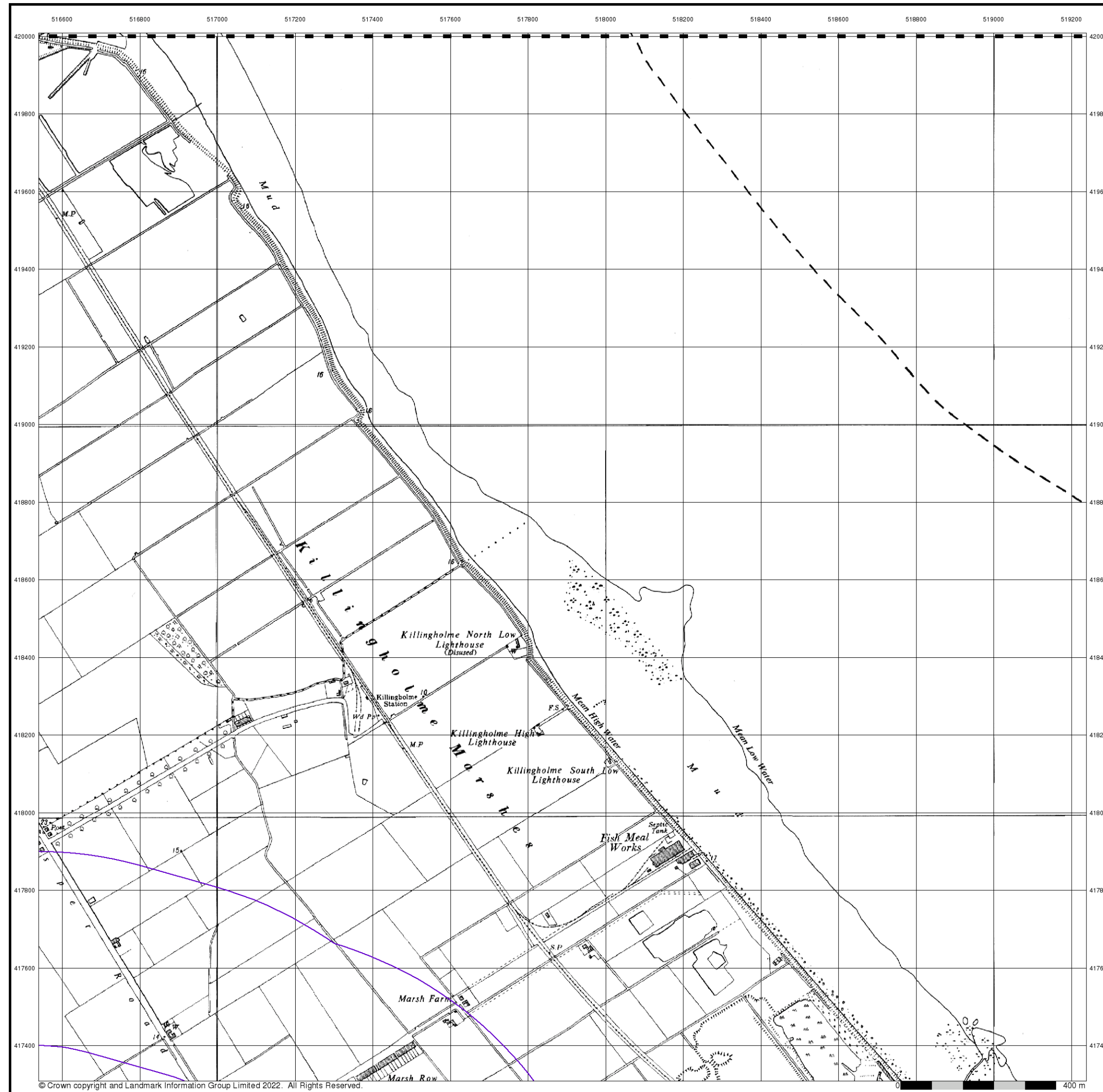
Order Number: 292199669\_1\_1  
 Customer Ref: 60668866  
 National Grid Reference: 517020, 417540  
 Slice: D  
 Site Area (Ha): 74.08  
 Search Buffer (m): 1000

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## Ordnance Survey Plan

Published 1965 - 1966

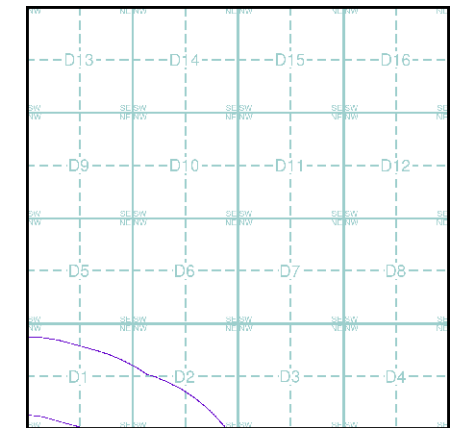
Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

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

TA12SE	1965	1:10,560
TA11NE	1966	1:10,560

### Historical Map - Slice D



### Order Details

Order Number: 292199669\_1\_1  
 Customer Ref: 60668866  
 National Grid Reference: 517020, 417540  
 Slice: D  
 Site Area (Ha): 74.08  
 Search Buffer (m): 1000

### Site Details

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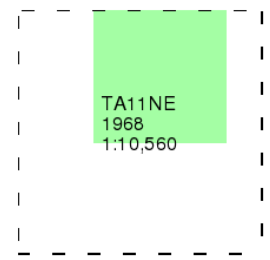
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Published 1968

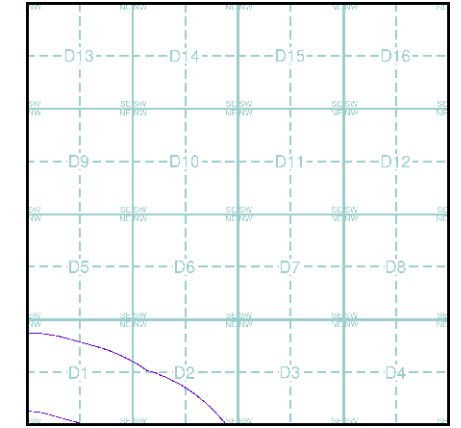
Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

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



### Historical Map - Slice D



### Order Details

Order Number: 292199669\_1\_1  
 Customer Ref: 60668866  
 National Grid Reference: 517020, 417540  
 Slice: D  
 Site Area (Ha): 74.08  
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## Ordnance Survey Plan

Published 1970 - 1974

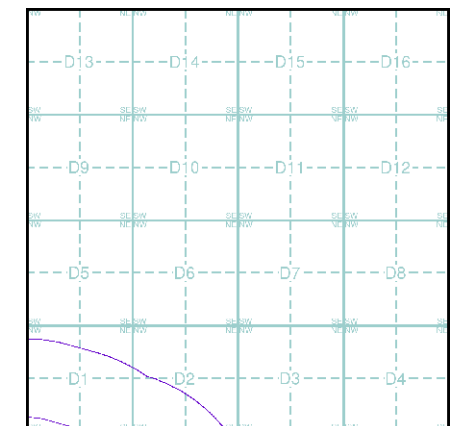
Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

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

TA12SE	1970	1:10,000
TA11NE	1974	1:10,000

### Historical Map - Slice D

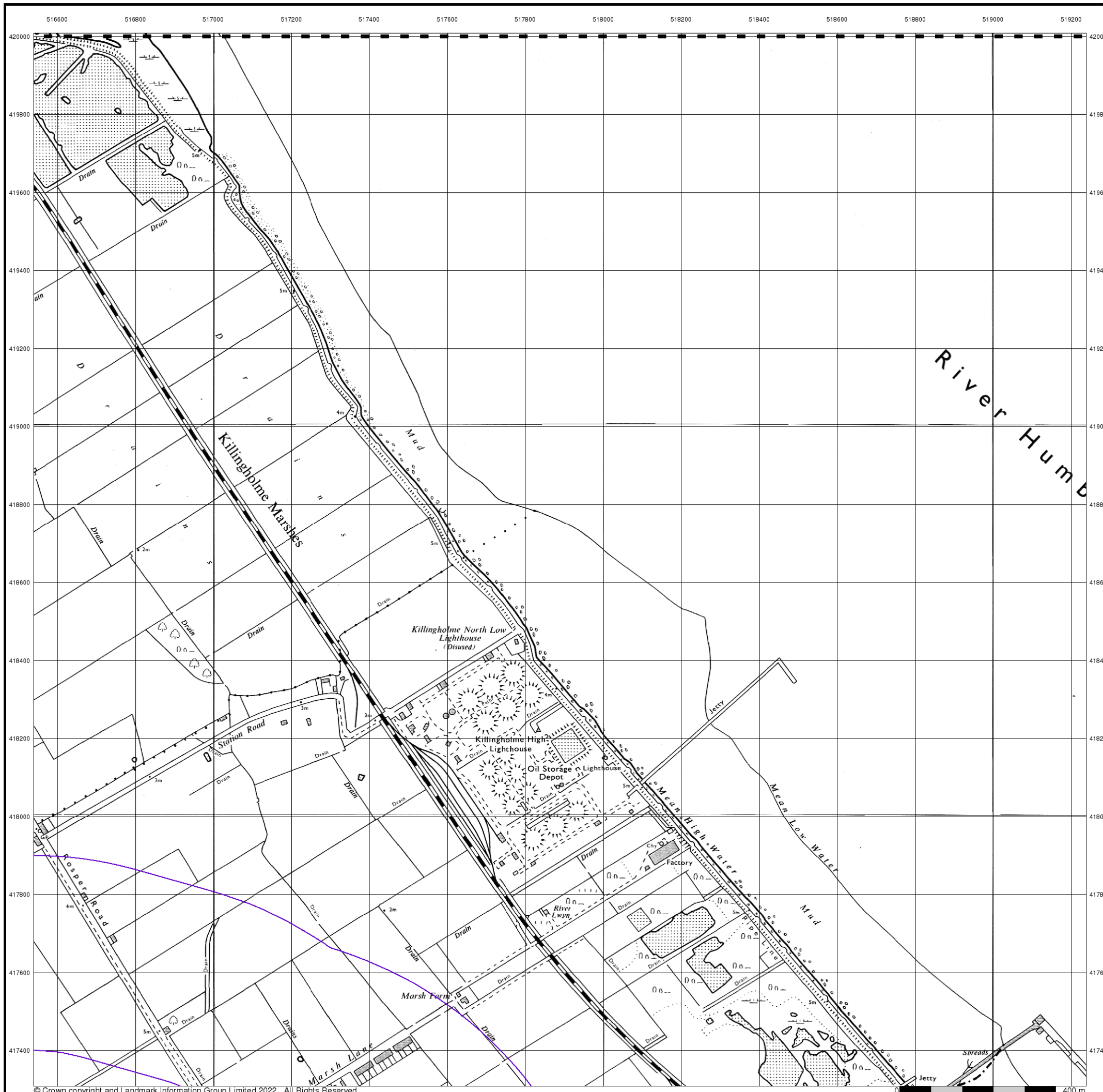


### Order Details

Order Number: 292199669\_1\_1  
 Customer Ref: 60668866  
 National Grid Reference: 517020, 417540  
 Slice: D  
 Site Area (Ha): 74.08  
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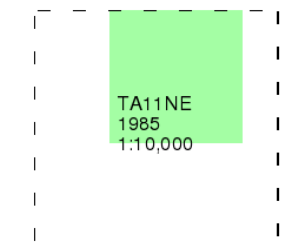
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Published 1985

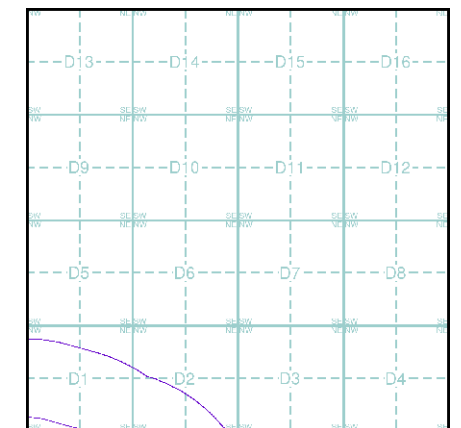
Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

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



### Historical Map - Slice D



### Order Details

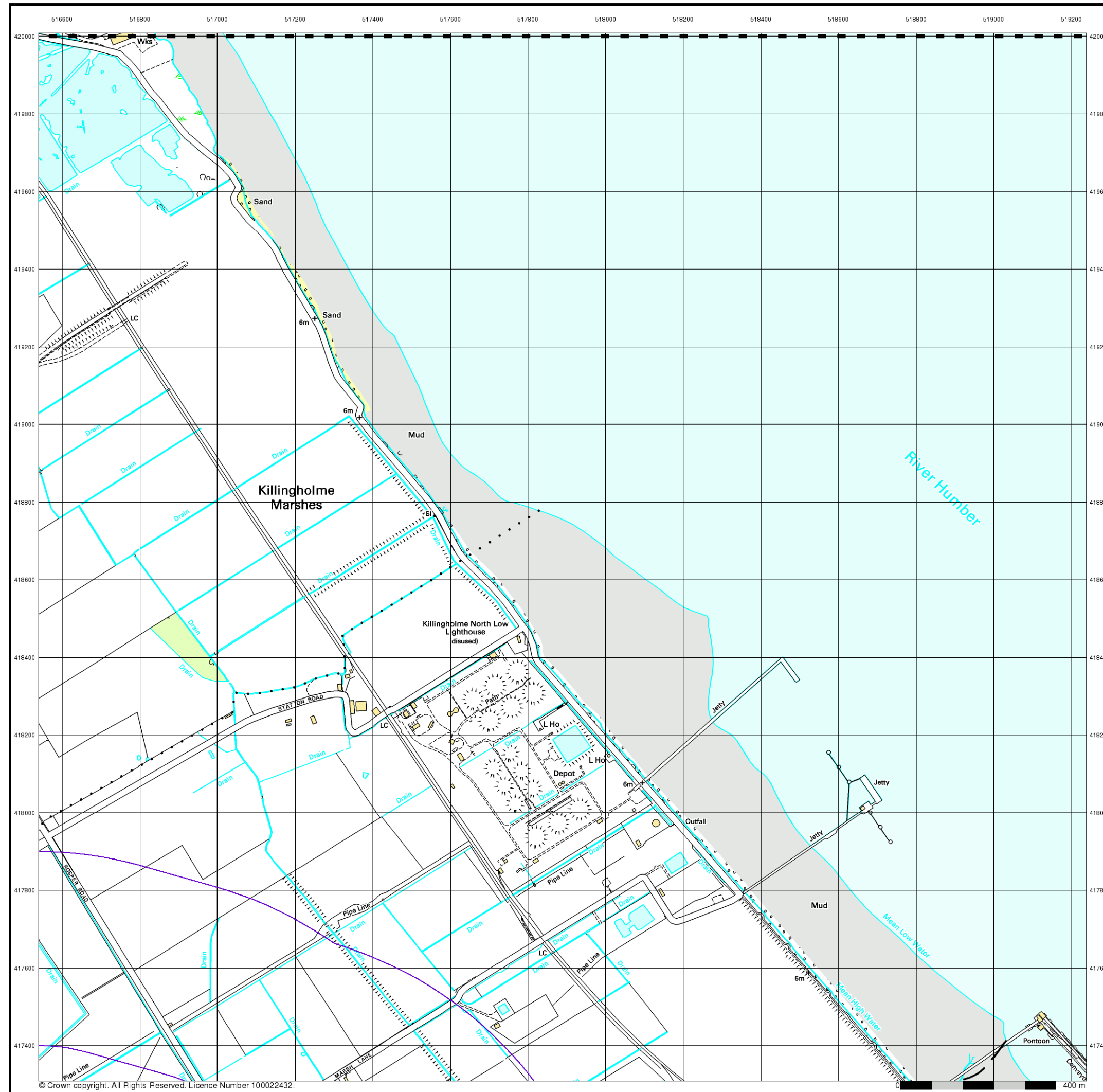
Order Number: 292199669\_1\_1  
 Customer Ref: 60668866  
 National Grid Reference: 517020, 417540  
 Slice: D  
 Site Area (Ha): 74.08  
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## 10k Raster Mapping

Published 1999 - 2000

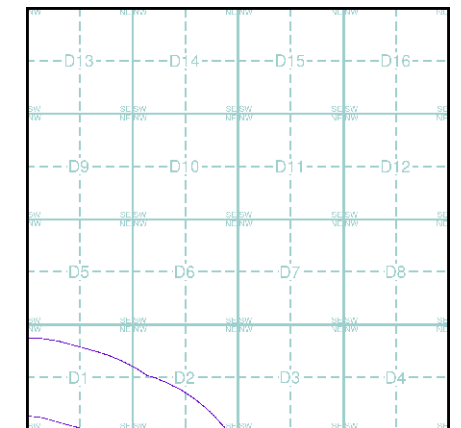
Source map scale - 1:10,000

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)

TA12SE	1999	1:10,000
TA11NE	2000	1:10,000

### Historical Map - Slice D



### Order Details

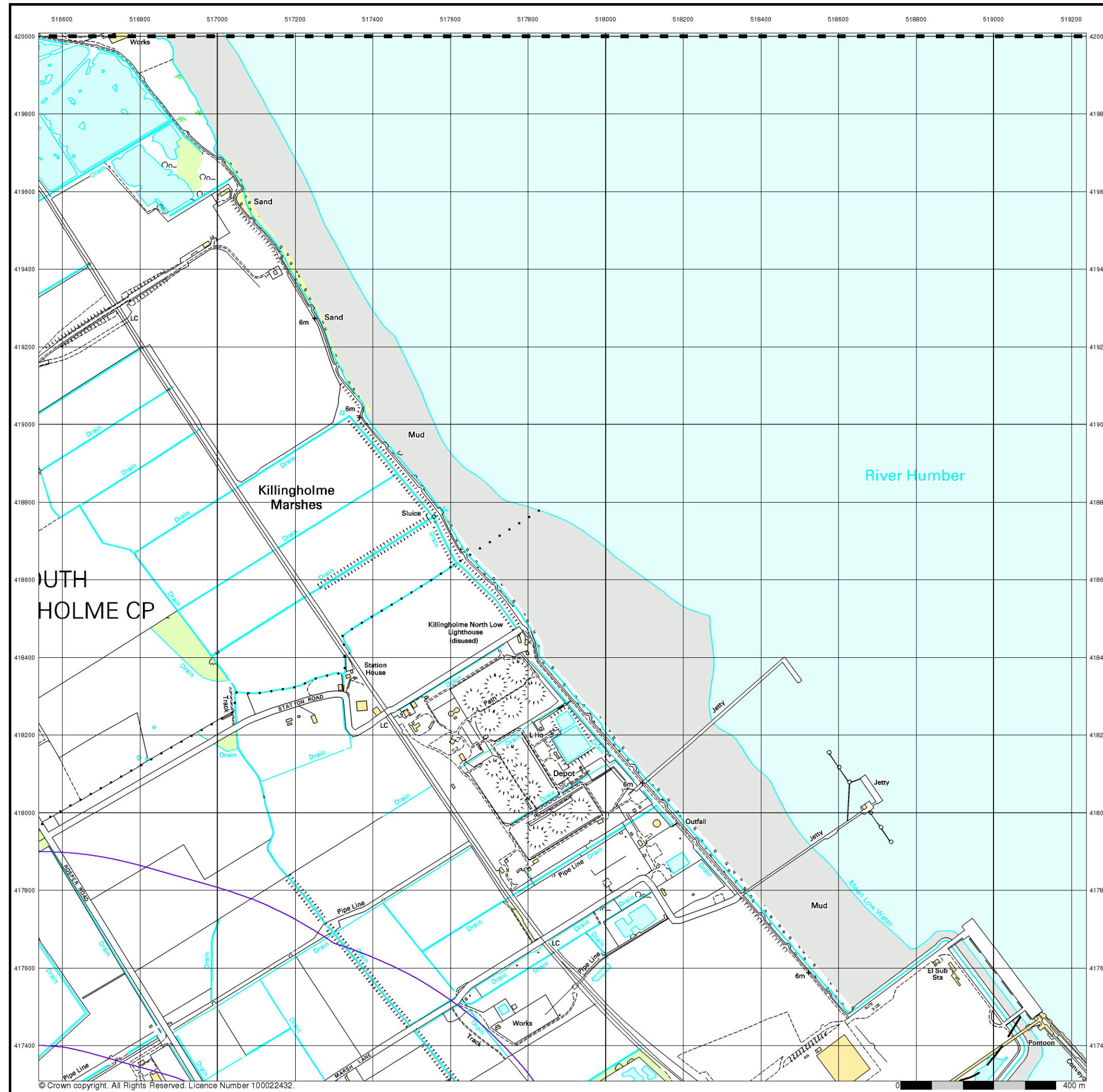
Order Number: 292199669\_1\_1  
 Customer Ref: 60668866  
 National Grid Reference: 517020, 417540  
 Slice: D  
 Site Area (Ha): 74.08  
 Search Buffer (m): 1000

### Site Details

Total UK Ltd, Killingholme Terminal, Eastfield Road, North Killingholme, IMMINGHAM, DN40 3LJ

**Landmark**  
 INFORMATION GROUP

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



# Envirocheck®

LANDMARK INFORMATION GROUP®

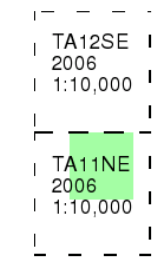
## 10k Raster Mapping

Published 2006

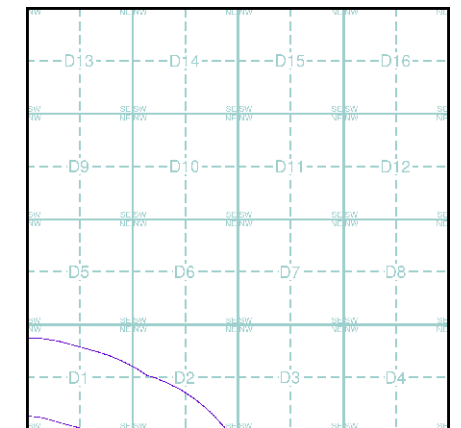
Source map scale - 1:10,000

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

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



### Historical Map - Slice D



### Order Details

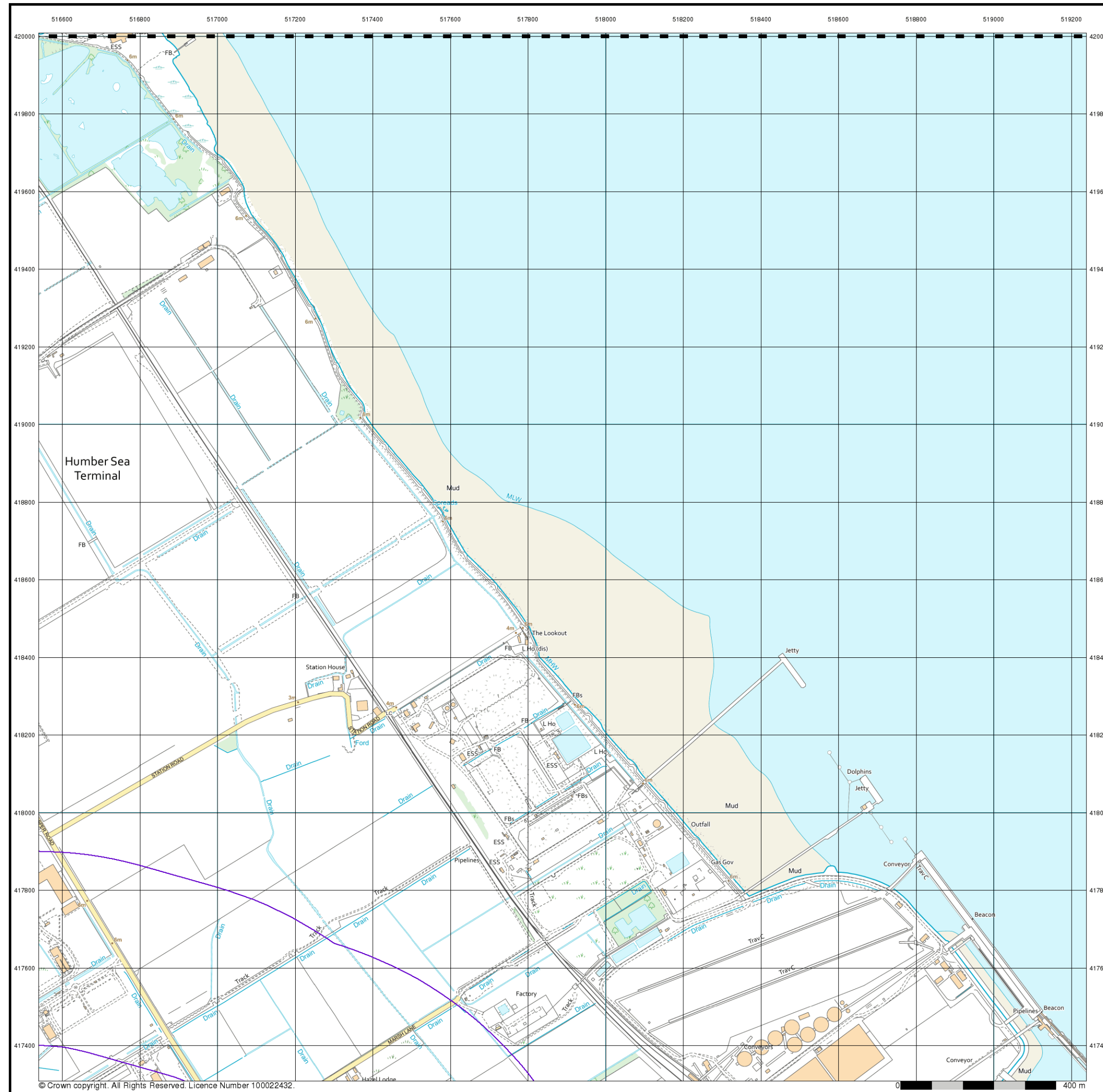
Order Number: 292199669\_1\_1  
 Customer Ref: 60668866  
 National Grid Reference: 517020, 417540  
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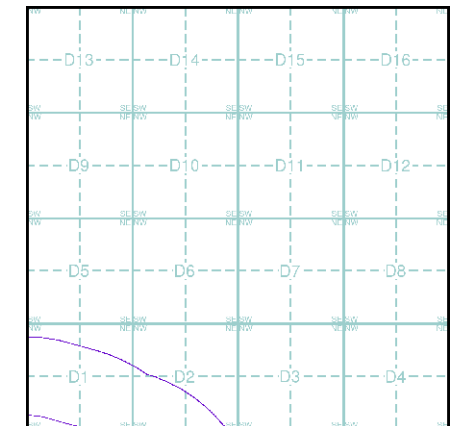


VectorMap Local (Raster) is Ordnance Survey's highest detailed 'backdrop' mapping product. These maps are produced from OS's VectorMap Local, a simple vector dataset at a nominal scale of 1:10,000, covering the whole of Great Britain, that has been designed for creating graphical mapping. OS VectorMap 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)

- TA12SE  
2021  
Variable
- TA11NE  
2021  
Variable

### Historical Map - Slice D

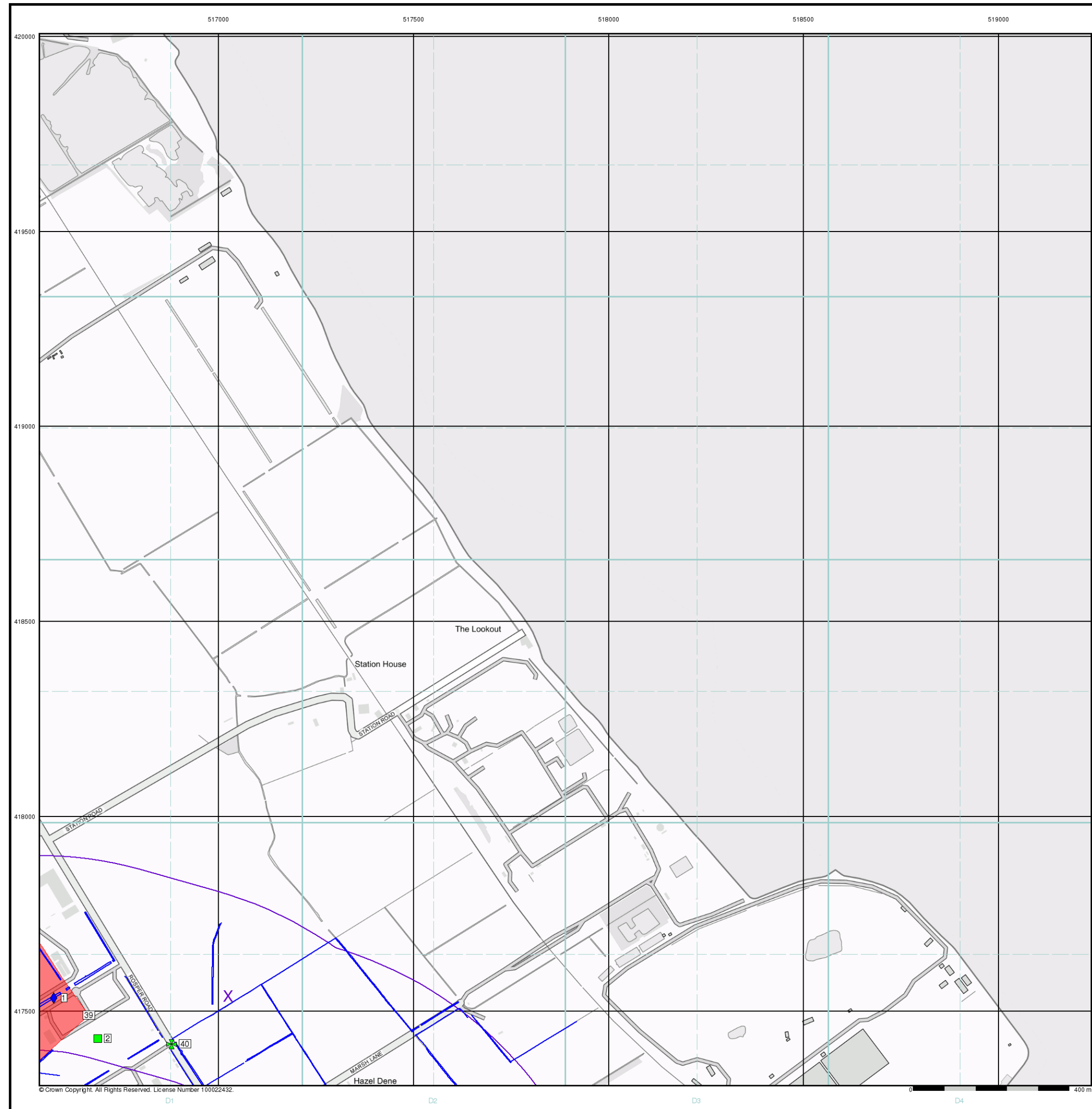


### Order Details

Order Number: 292199669\_1\_1  
 Customer Ref: 60668866  
 National Grid Reference: 517020, 417540  
 Slice: D  
 Site Area (Ha): 74.08  
 Search Buffer (m): 1000

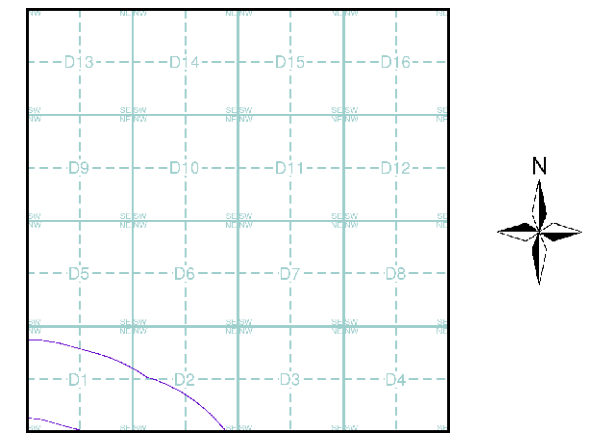
### Site Details

Total UK Ltd, Killingholme Terminal, Eastfield Road, North Killingholme, IMMINGHAM, DN40 3LJ



- |                                |   |  |  |   |
|--------------------------------|---|--|--|---|
| <b>General</b>                 | Specified Site  | Specified Buffer(s)                                    | Bearing Reference Point                                      | Map ID  |
|                                | Several of Type at Location                                 |  |  |   |
| <b>Agency and Hydrological</b> | Contaminated Land Register Entry or Notice (Location)       | Discharge Consent                                      | Enforcement or Prohibition Notice                            | Integrated Pollution 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           |
|                                | Prosecution Relating to Authorised Processes                | Prosecution Relating to Controlled Waters              | Registered Radioactive Substance                             | River Network or Water Feature                    |
|                                | River Quality Sampling Point                                | Substantiated Pollution Incident Register              | Water Abstraction  | Water Industry Act Referral                       |
| <b>Hazardous Substances</b>    | COMAH Site  | Explosive Site   | NIHHS Site   | Planning Hazardous Substance Consent              |
|                                | Planning Hazardous Substance Enforcement                    | BGS Recorded Mineral Site                              |  |   |
| <b>Waste</b>                   | 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)                            | Potentially Infilled Land (Water)                 |
|                                | 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 (Location)                   | Registered Waste Treatment or Disposal Site (Location) | Registered Waste Treatment or Disposal Site                  |   |

### Site Sensitivity Map - Slice D



**Order Details**






Order Number: 292199669\_1\_1  
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**Site Details**







Total UK Ltd, Killingholme Terminal, Eastfield Road, North Killingholme, IMMINGHAM, DN40 3LJ

## Industrial Land Use Map

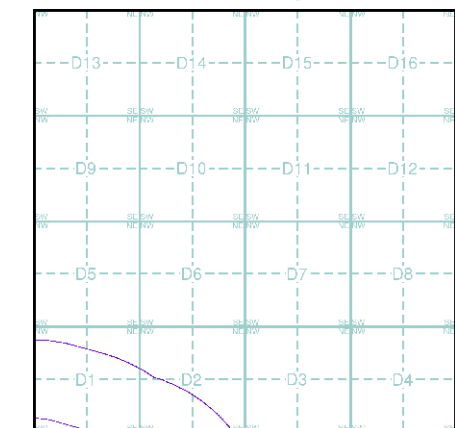
### General

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

### Industrial Land Use

-  Contemporary Trade Directory Entry
-  Fuel Station Entry
-  Gas Pipeline
-  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 D

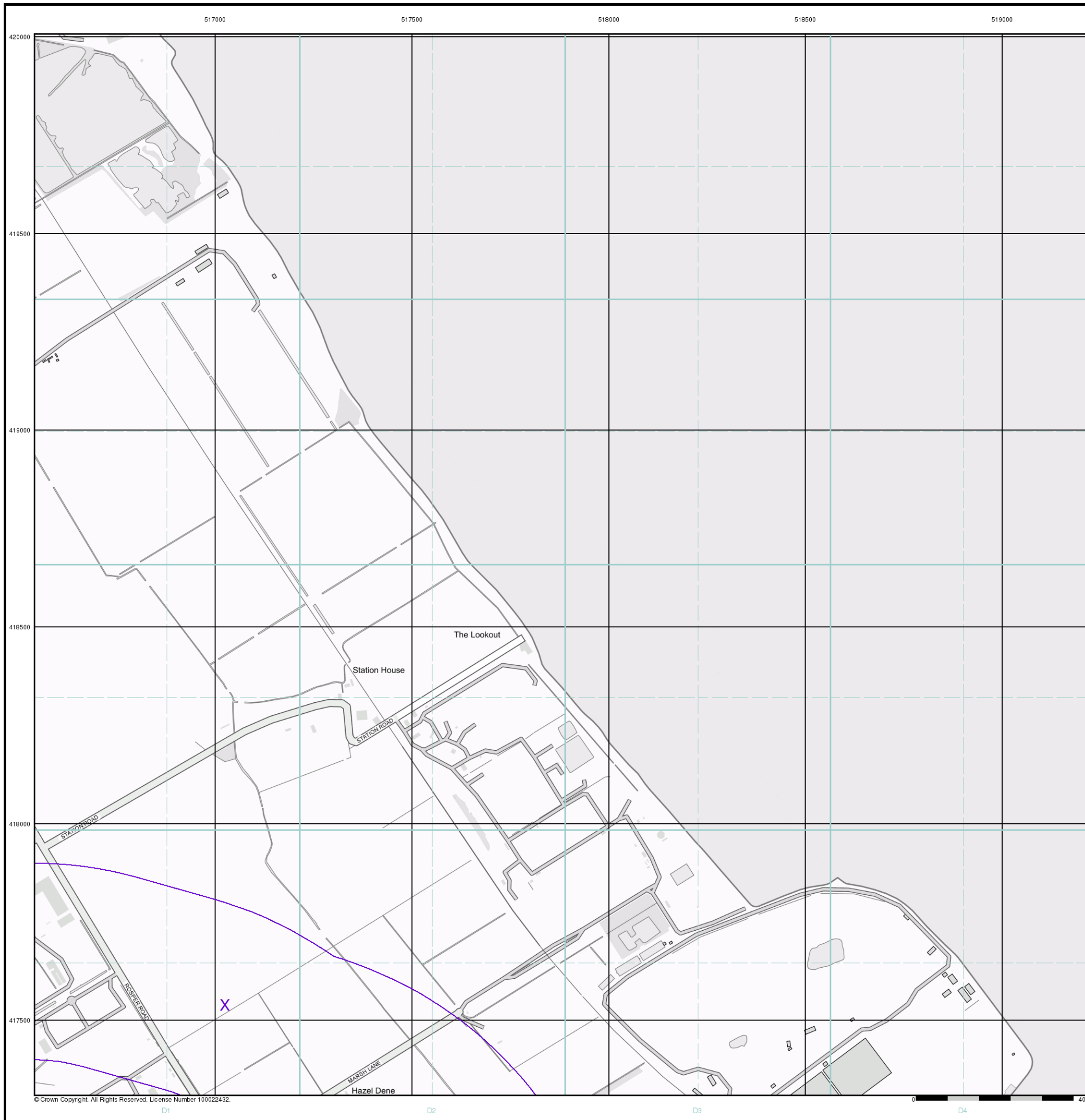


### Order Details




Order Number: 292199669\_1\_1  
 Customer Ref: 60668866  
 National Grid Reference: 517020, 417540  
 Slice: D  
 Site Area (Ha): 74.08  
 Search Buffer (m): 1000

### Site Details






Total UK Ltd, Killingholme Terminal, Eastfield Road, North Killingholme, IMMINGHAM, DN40 3LJ



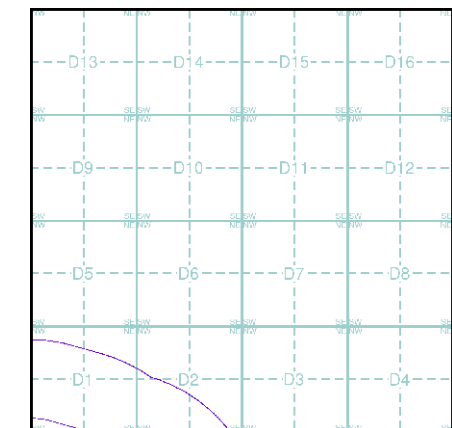
### General

-  Specified Site
-  Specified Buffer(s)
-  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 D

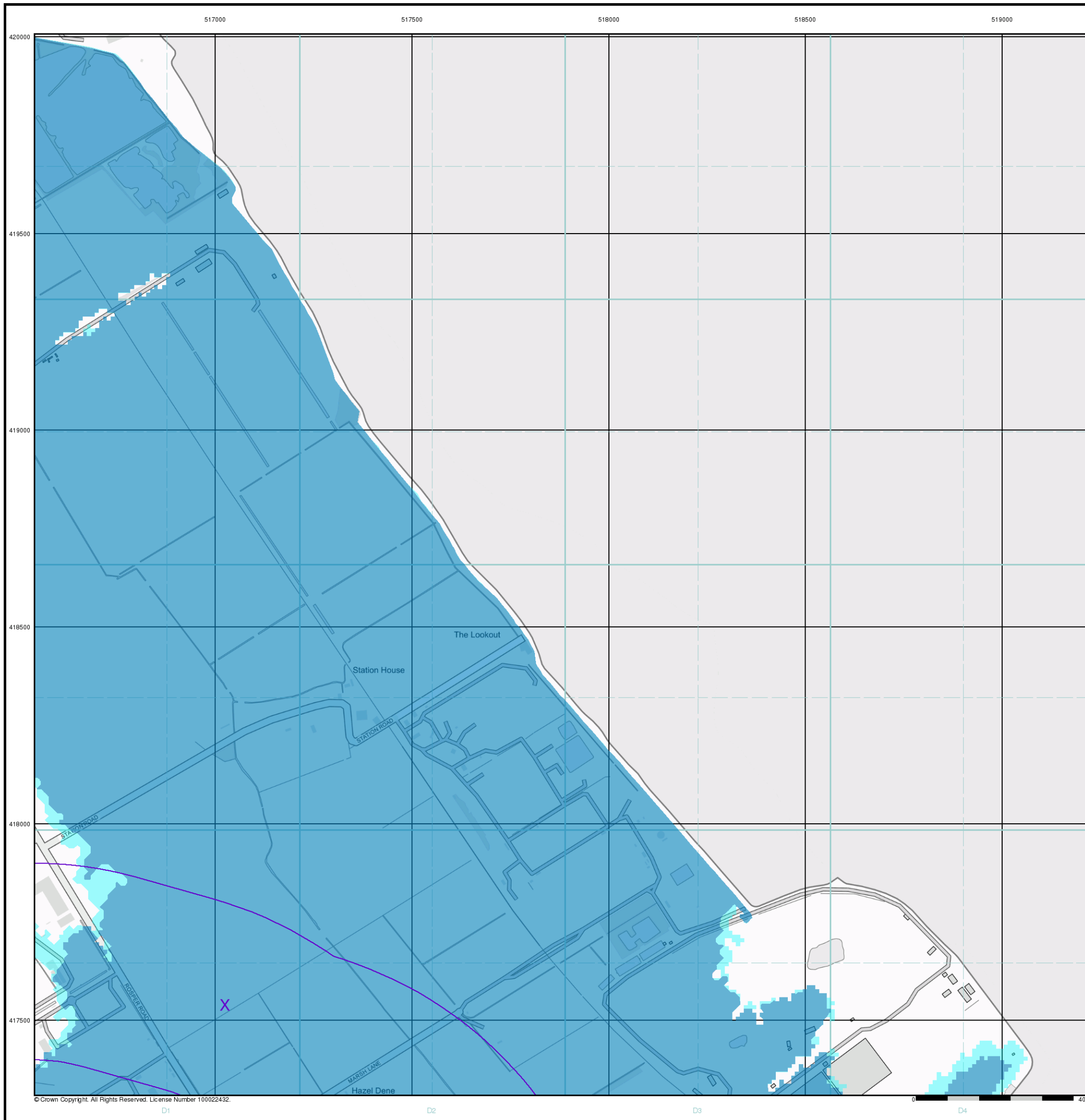


### Order Details

Order Number: 292199669\_1\_1  
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 National Grid Reference: 517020, 417540  
 Slice: D  
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 Search Buffer (m): 1000






### Site Details

Total UK Ltd, Killingholme Terminal, Eastfield Road, North Killingholme, IMMINGHAM, DN40 3LJ








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### General

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

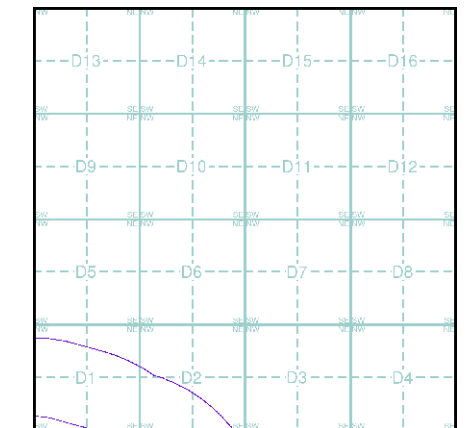
### Agency and Hydrological (Boreholes)

-  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](http://www.envirocheck.co.uk).

### Borehole Map - Slice D



### Order Details

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