

Gate Burton Energy Park Environmental Statement

Volume 3, Appendix 15-E: Phase 1 Desk Study & Preliminary Risk Assessment Part 1
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APFP Regulation 5(2)(a)
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Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009

Prepared for:

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1. Introduction

1.1 Background

- 1.1.1 Gate Burton Energy Park Limited (hereafter referred to as ‘the Applicant’) has commissioned this Phase 1 Desktop Study for the Gate Burton Energy Park (hereafter referred to as the ‘Scheme’). The Scheme comprises the installation of solar photovoltaic (PV) generating panels and on-site energy storage facilities across a proposed site in Lincolnshire (hereafter referred to as the ‘Solar and Energy Storage Park’) and grid connection infrastructure (hereafter referred to as the ‘Grid Connection Corridor’). The entire scheme, including both the Solar and Energy Storage Park and Grid Connection Corridor is referred to as the ‘Site’. Further information on the Scheme is provided in **ES Volume 1, Chapter 2: The Scheme [EN010131/APP/3.1]**.
- 1.1.2 The Site is located approximately 4 kilometres (km) south of Gainsborough with the Solar and Energy Storage Park, and the potential Grid Connection Corridor shown on **ES Volume 2: Figure 1-1 and Figure 1-2 [EN010131/APP/3.2]**.
- 1.1.3 **ES Volume 2, Figure 1-2 [EN010131/APP/3.2]** shows the expected maximum extent of land to be included within the application for a Development Consent Order (DCO), which includes all land being considered for the purposes of the Scheme. It should also be noted, **ES Volume 2, Figure 1-2 [EN010131/APP/3.2]** represents the maximum extent of the Site boundary based on all the options for Scheme elements that have been the subject of consultation.
- 1.1.4 This Phase 1 Desk Study Report provides a Stage 1, Tier 1 level of assessment, as defined by the Environment Agency’s Land Contamination Risk Management (LCRM) (2020) guidance for the Solar and Energy Storage Park only. **ES Volume 3: Appendix 15-E [EN010131/APP/3.3]** is an addendum to this document, and includes an assessment of the Grid Connection Corridor.

1.2 Description of the Scheme

Overview of Solar and Battery Storage Infrastructure

- 1.2.1 The principal infrastructure will be as follows:
- Solar PV modules;
 - PV module mounting structures;
 - Inverters;
 - Transformers;
 - An On-Site Substation);
 - Onsite cabling;

- An energy storage system;
 - Onsite electrical compounds comprising of substations and control buildings;
 - A circa 6km electrical connection route to connect with the National Grid at Cottam Substation;
 - An off-site electrical compound comprising of a substation and control building;
 - A spare parts storage building or enclosure;
 - Fencing and security measures;
 - Access tracks; and
 - Landscaping and biodiversity enhancement.
- 1.2.2 During the construction phase, one or more temporary construction compound(s) will be required as well as temporary roadways to facilitate access to all land within the Solar and Energy Storage Park.
- 1.2.3 In areas around the PV arrays and on other land within the Solar and Energy Storage Park, opportunities for landscaping, biodiversity enhancements and habitat management will be explored.
- 1.2.4 Further information on the Scheme is provided in **ES Volume 1, Chapter 2: The Scheme [EN010131/APP/3.1]**.

1.3 Report Objectives

- 1.3.1 The Scheme is defined as a Nationally Significant Infrastructure Project (NSIP) under Sections 14(1)(a) and 15(2) of the Planning Act 2008 (Ref 1) as an onshore generating station in England, exceeding 50MW.
- 1.3.2 This Phase 1 Desk Study report is under the requirements of NSIP, via Planning Act 2008, the National Planning Policy Framework (2021) and also considers the potential implications of Part 2A of the Environmental Protection Act 1990 (Part 2A) and the associated Contaminated Land (England) Regulations 2006 and Contaminated Land Statutory Guidance (2012).
- 1.3.3 This report has been prepared in general accordance with the technical guidance and procedures described in LCRM. This report is the equivalent to a Stage 1, Tier 1 level of assessment (preliminary assessment).
- 1.3.4 The report will include the following:
- A review of the site's geological, hydrological and hydrogeological setting, and public domain geo-environmental information to build up an accurate understanding of the site and surrounding environmental setting/sensitivity;
 - Detail on mineral designations and current/historical mineral extraction activities; the report will not provide a formal assessment of minerals though as is required for an Environmental Impact Assessment (EIA);
 - Summary of findings from a site walkover inspection;

- Review of historical land uses for the site and surrounds with a particular emphasis on identifying potential on-site and off-site contamination sources;
 - A site conceptual model with a view to identifying any significant source-pathway-receptor linkages followed by a qualitative preliminary risk assessment;
 - Review of the potential for geotechnical hazards and constraints; and
 - Conclusions and recommendations based on the findings.
- 1.3.5 The report does not include for an assessment of agricultural land or soils within the context of EIA.

1.4 Sources of Information

- 1.4.1 This report has been prepared using a combination of published records, information provided by the Client statutory records and historical mapping supplied within a Landmark Envirocheck Report, published geological and hydrogeological mapping, historical borehole records and observations made during the site inspection. There are no previous investigation reports available for the Site. The sources used are:
- Historical maps as part of a standard Envirocheck Report provided by the Landmark Information Group (Ref. 286968913_1_1, dated 28 October 2021);
 - Standard Envirocheck data sheets and site sensitivity maps provided by the Landmark Information Group (Ref. 286968913_1_1, dated 28 October 2021);
 - 1:100,000 scale Groundwater Vulnerability Map;
 - British Geological Survey (BGS) Geological Map and Memoir (Ref 2, Ref 3);
 - Environment Agency website;
 - BGS website;
 - DEFRA Magic website (Ref 4);
 - Zetica website for information on unexploded ordnance (Ref 5); and
 - Local Authority Enquiries (where required).
- 1.4.2 Specific information sources are referenced throughout the document and a bibliography is included in page 47 of the report.

2. Site Setting

2.1 Location

2.1.1 The Site is located approximately 4 kilometres (km) south of Gainsborough between the villages of Gate Burton and Willingham by Stow. It is approximately centred on approximate National Grid Reference 484942, 383809. A site location plan is provided as **ES Volume 2: Figure 1-1 [EN010131/APP/3.2]**.

2.2 Description and Setting

2.2.1 The Solar and Energy Storage Park covers an area of approximately 652 hectares and is defined by the blue area shown in **ES Volume 2: Figure 1-2 [EN010131/APP/3.2]**.

2.2.2 The Site use is predominantly agricultural, comprising large arable fields delineated by hedgerows and drainage ditches. Woodlands are also present, including Burton Wood in the southwest of the Site. Buildings within the site boundary comprise farm buildings and associated housing.

2.2.3 The Site is crossed northwest-southeast by a railway line, connecting Lincoln and Doncaster.

2.2.4 The topography of the Site is generally flat, ranging from approximately 10m above ordnance datum (AOD) to >30m AOD. The topographical heights are mostly found in the north-eastern and eastern portion of the Site.

2.2.5 Relevant features immediately surrounding the Site are summarised in Table 1.

Table 1 Site Surroundings

Direction	Summary
North	Mostly agricultural land and associated farms. The village of Knaith is located approximately less than 100 m from the site boundary. Knaith Park and the Knaith Park Plantation are adjacent to the Site. A crematorium, Woodland (Norbury Hills and Thurlby Wood) and Lea Marshes Main Drain are located to the northwest.
South	The site is bounded by Willingham Road, with agricultural land and farms beyond. a gas pumping station is located to the southwest beyond the Road. Residential and commercial properties (nurseries and farm) are located adjacent to the site boundary, on Willingham Road.
East	Mostly agricultural land. Central Park farm is located adjacent to the Site boundary. The village of Willingham by Stow is located approximately 370 m east.
West	Mostly agricultural land. The A156 runs adjacent for a portion of the Site boundary; the villages of Gate Burton and Marton are located to the southwest.

2.3 Site Reconnaissance

2.3.1 An external inspection of the Site was completed by qualified and experienced AECOM Staff on the 21 and 22 October 2021. The aim of the visit was to

identify the range of activities carried out on the Site and any obvious potential sources of ground contamination or ground related constraints.

- 2.3.2 A summary of the findings of the site walkover is provided below. A photographic record of the visit is included as Annex A. The site walkover was limited to safely accessible areas of the Site via public rights of way. Areas immediately west of the Site, north of Gate Burton village are marked as private land and therefore were not accessed. Similarly, the access road to Park Farm was also not possible via public rights of way (PRoW), therefore the surroundings of Park Farm were observed from a distance. In addition, the area of the Site crossed by Kexby Lane to the northwest was not accessible safely on foot.
- 2.3.3 The Site occupies a large area between the villages of Willingham by Stow, Normanby by Stow, Knaith, Knaith Park, Marton and Gate Burton. The Site is generally flat, with some occasional hills. It is predominantly used for agricultural use and covered with crops and sporadic woodlands. No cattle were observed on Site.
- 2.3.4 The Railway (SPD3 line, Greetwell Junction to Gainsborough Trent Junction) crosses through the central area of the Site from northwest-southeast. It is built via embankments, cuttings earthworks and is also at grade in parts. It is crossed by flyovers and underpasses [Photo 1, Photo 15].
- 2.3.5 Numerous small drains [Photo 3, Photo 18, Photo 31] were observed on Site, generally crossing it along the existing crop edges/field boundaries or adjacent to roads. The flow of these were generally very low.
- 2.3.6 Vegetation mainly comprises woodlands (not accessed) and bushes/hedgerows delineating the crops. No sign of vegetation dieback was noticed during the site walkover.
- 2.3.7 The following were also observed within the Site boundary:
- Clay Farm: located at the end of Clay Lane, in proximity of the railway line, in the southwestern portion of the Site [Photo 15];
 - Telecommunications antenna, with associated facilities and delineated by a fence was observed on Clay Lane. It is understood the antenna is operated by Three and EE [Photo 19];
 - Overhead lines crossing the site both east-west and north-south. [Photo 8]; and
 - No other settlements were visible or accessible.
- 2.3.8 Several commercial and residential properties were observed in the immediate proximity of the Site, adjacent to the Site boundaries. These included:
- “Nursery house” and “Gate Burton Nursery”: A nursery with associated residential house and static caravan. It is located immediately off-site, adjacent to the southern boundary, on Willingham Road [Photo 5];
 - Sandebus Farm and Sandy Barr cottage: farm and residential property. They are located immediately off-site, on Willingham Road, along the

southern boundary. Sandebus Farm comprises two warehouses, one of which used for storage of hay. A tank, possibly for water storage, was also visible on one of the buildings [Photo 6];

- Gas pumping station located 130 m southeast of the southern boundary of the Site, beyond Willingham Road. It is understood the station serves a gas pipeline to Cottam Power Station [Photo 11];
- Park Farm, in proximity of the Site boundary to the east, comprising of large storage buildings and hay stacking areas [Photo 32];
- Sort Hills Farm, located approximately 160 m from the southern boundary of the Site; it comprised several buildings, including what appears to be a warehouse [Photo 2];
- Stephenson's Hill House and Central Park Farm; located to the northwest of the Site, immediately adjacent to the Site boundary [Photo 28, Photo 30];
- Lea Fields Crematorium, located approximately 370 m northwest of the Site boundary;
- Additional residential properties on Knaith Hill (northwest, adjacent to the Site boundary), Station Road (in proximity of the northern boundary), and Kexby Lane (in proximity of the northwestern boundary of the Site);
- Gate Burton village, located immediately southeast of the Site boundary, comprising residential properties and a farm; additional buildings are located within a gated private property [Photo 21]; and
- Several warehouses and storage areas were observed to be located on-site and associated with farming. No chemical storage was noticed on Site, except for a small tanker in proximity of Clay Farm [Photo 16].

2.3.9 No evidence of contamination was observed during the site inspection. Sporadic manure stockpiles and a bonfire were noted in the southern portion of the Site [Photo 4].

3. Geological and Environmental Setting

3.1 Introduction

- 3.1.1 The environmental setting including the topography, geology, hydrogeology and hydrology are the key factors that influence the way in which contaminants in the soil or groundwater can be transported on or off site, and also the way in which contamination can affect applicable receptors including controlled waters and users of the Site.
- 3.1.2 The environmental setting of the Site has been assessed by making reference to the information sources detailed in Section 1.4.

3.2 Geology and Soils

Published Geology & Exploratory Hole Records

- 3.2.1 The published 1:50,000 scale geological map of the area produced by the BGS (Sheet 102, “Market Rasen”, 1999 (Ref 5) and Sheet 101, “East Retford”, 1998 (Ref 6) and the Geoindex Viewer (Ref 7) indicates that superficial deposits are absent over approximately 70% of the Site. The mapped geological succession underlying the Site is summarised in Table 2. Extracts of the superficial deposits and bedrock maps are included in the Envirocheck Report (Ref. 286968913_1_1). A schematic of the superficial deposits present at the Site is presented as Figure 1.

Table 2 Geological Succession from Published Mapping

Group	Description	Anticipated Thickness (m)	Distribution
Superficial Geology			
Glaciofluvial deposits	Sand and gravel, locally with lenses of silt, clay or organic material.	-	Northwest portion of the Site (Knaith) and localised isolated small areas, in the central west portion of the Site (northeast of Burton Wood) and in the southwestern portion of the Site (south of Burton Wood).
Alluvium	Normally soft to firm consolidated, compressible silty clay, but can contain layers of silt, sand, peat and basal gravel.	-	Locally, isolated area in proximity of Clay Farm.
Till - diamicton	Predominately stiff clays with varying thickness and quantities of sand lenses/bands.*	-	Locally, in proximity of the southern boundary, across the railway, south of the alluvium deposits.
Holme Pierrepoint	Sand and gravel. Generally pinkish, poorly sorted, sandy, gravels. Gravel	Typically, 0 to c.12m;	These deposits are associated with the River Trent to the west

Group	Description	Anticipated Thickness (m)	Distribution
Sand And Gravel Member	dominated by rounded pebbles of "Bunter" quartz/quartzite (typically c.80%), plus flint, sandstone, cherts, etc, and other "exotic" lithologies.	typically up to c.8m in the middle Trent Valley.	of the Site. Mapping indicates these marginally encroach on to the site in the southwestern tip of the Site at Gate Burton.
Bedrock Geology			
Scunthorpe mudstone formation	Mudstone and limestone, interbedded: grey, variably calcareous and silty, blocky or fissile mudstone with thin beds of argillaceous limestone (bioclastic or micritic) and calcareous siltstone, particularly near base and in upper part, which is ferruginous in the area.	To c.128m.	Majority of the site.
Penarth Group	Mudstone. Grey to black mudstones with subordinate limestones and sandstones; predominantly marine in origin.	0 - >12m.	Along the western and north western boundaries.
Mercia Mudstone Group	Dominantly red, less commonly green-grey, mudstones and subordinate siltstones with thick halite-bearing units in some basinal areas. Thin beds of gypsum/anhydrite widespread; sandstones are also present.	1350m+	Westernmost and north western most tips of the Site, in proximity of Knaith village.

Source: *Geindex Viewer (Ref 6)* and *British Geological Survey Lexicon of Named Rock Units (Ref 7)*.

*General description

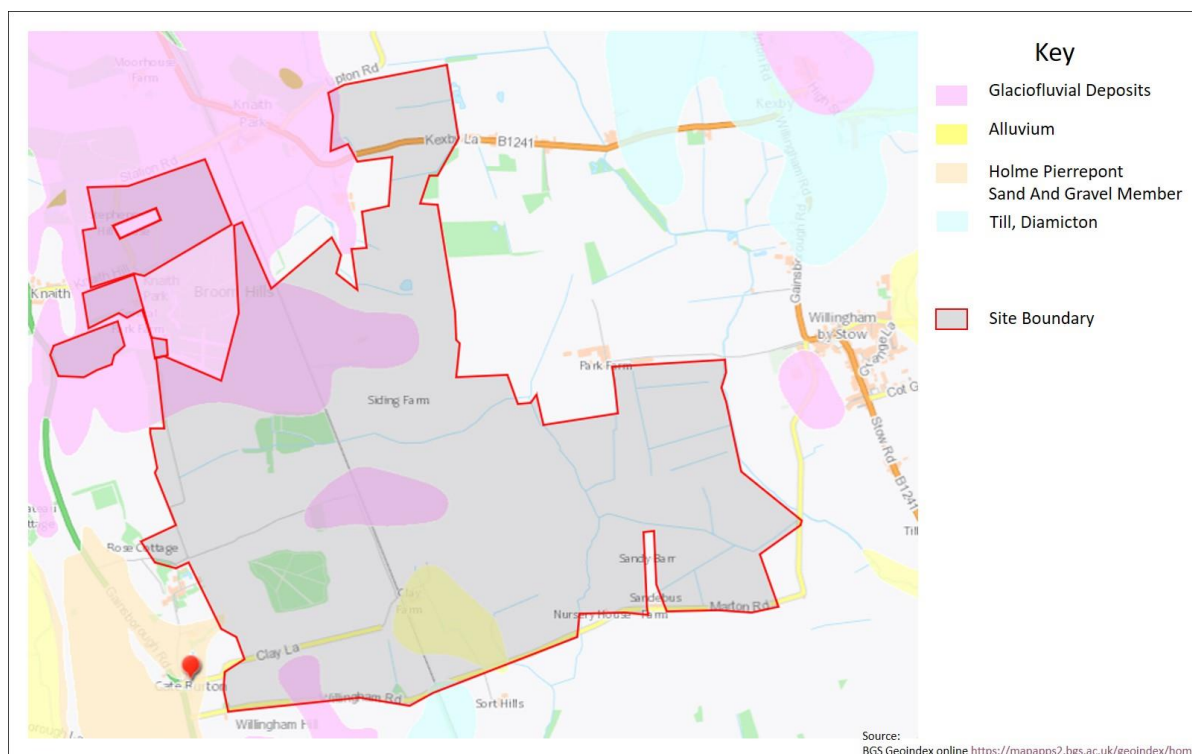


Figure 1 Geology -Superficial Deposits

3.2.2 A selection of publicly available borehole scans from the BGS were available to review (Ref 6). Those which are considered to provide useful information on the ground profile at the Site are presented in Table 3 below.

Table 3 BGS Boreholes and Location

BGS Borehole	BGS Borehole – Easting and Northing	General Location
SK88SW18	483290, 384400	North and northwest of the Site
SK88SW19	484040, 384330	
SK88NW62	483601, 385413	
SK88SW45	483055, 384006	
SK88SE9	486321, 384362	Northeast (Park Farm) of the Site
SK88SE27	487444, 384567	East (off site (Willingham by Stow))
SK88SE28	487447, 384598	
SK88SW1	483857, 382191	Southwest (off site northwest Marton))

3.2.3 The geology described within these borehole scans is summarised within Table 4.

Table 4 Geological Succession from Selection of Relevant BGS Boreholes

BGS Borehole	Group	Description	Top Depth (mbgl) (Thickness) (m)
North and northwest of the Site (On-site)			
SK88SW19	-	Topsoil	0.0 (0.4)
SK88SW18			

BGS Borehole	Group	Description	Top Depth (mbgl) (Thickness) (m)
SK88NW62			
SK88SW18	Glaciofluvial Deposits	Sand and Gravel - Silty Sand. 'clayey' pebbly sand. Gravel; fine, well rounded quartz. Sand: medium well rounded quartz.	0.4 (0.8)
SK88NW62		Sand and Gravel: Silty Sand. Medium grained, some fine and coarse well rounded quartz and less rounded rock fragments, very silty res-brown silt.	0.4 (1.6)
SK88SW45		Sand and gravel.	0.0 (3.05)
SK88SW19	Till, Diamicton	Reddish-brown and grey; some sandy pockets and pebbles of limestone, sandstone, flint and quartz with mudstone towards base.	0.4 (2.6)
SK88SW18		Pale brown and grey, ochreous sandy pockets and a few pebbles of flint and sandstone and clay with greenish brown areas, appears reworked, some pebbles of clack shale and limestone.	1.2 (2.8)
SK88NW62		Grey and brown, weathered appearance, some sandy patches, becomes greyer towards base.	2.0 (1.0)
SK88SW19	Scunthorpe Mudstone	Clay and limestone, dark grey, fossiliferous.	3.0 (>6.0)
SK88NW62	Penarth Group	Dark grey, laminated, unfossiliferous, some harder mudstone and limestone pebbles.	3.0 (>4.5)
SK88SW18		Shale, black with pyrite cubes and bivalves.	4.0 (>0.2)
SK88SW45	Mercia Mudstone Group	Keuper Marl	3.05 (250)
Northeast (Park Farm) of the Site (on-site)			
SK88SE9	Scunthorpe Mudstone	Mudstone, grey highly calcareous, several thin gypsums, limestones.	0.0 (45.6)
	Penarth Group	Mudstones, sandstone band.	45.6 (9.2)
	Mercia Mudstone Group	Mudstone, red, chocolate brown various shades of grey, occasionally several thin anhydrites and gypsums.	56.8 (252.5)
East (off site, Willingham by Stow)			
SK88SE27	Glaciofluvial Deposits	Dense to medium dense dark brown, slightly clayey sand and loose to medium dense light brown slightly clayey fine to coarse sand with some rounded gravel.	0.0 (>1.6)
SK88SE28			
Southwest (off site, northwest Marton)			
SK88SW1	Holme Pierrepont Sand and Gravel Member	Soil, dry sand, running sand, red clay, sand and quartz.	0.0 (3.05)
	Mercia Mudstone Group	Red clay, shales, stone, marl gypsum.	3.05 (>30)

Soils and Soil Chemistry

3.2.4 Information obtained from Soilscares (Ref 8) describes the soils within the Site as:

- Slowly permeable, seasonally wet slightly acid but base-rich loamy and clayey soils, in the vast majority of the Site;
- Naturally wet very acid sandy and loamy soils, in the north and north-western portion of the Site; and
- Slightly acid loamy and clayey soils with impeded drainage, localised, in the westernmost tips of the site.

3.2.5 The BGS Soil Chemistry datasets provide indicative information on regional concentrations of five potentially harmful elements: arsenic, cadmium, chromium, nickel and lead in soil. Elevated concentrations can exist due to natural geological conditions or possible anthropogenic contamination. The following BGS estimated soil chemistry levels are attributed to the area of the Site based on the geometric mean concentrations of available data (presented in Table 5).

Table 5 Estimated Soil Chemistry based on BGS background concentrations

Potentially Harmful Element	Estimated geometric mean concentration (mg/kg)
Arsenic	6.78 to 14.1
Cadmium	<0.33 to 1.2
Lead	33.2 to 242
Nickel	10.9 to 31.9
Copper	10.7 to 35

3.2.6 Soil samples were collected for the National Soil Inventory (NSI) by the Soil Survey of England and Wales (now the National Soil Resources Institute, Cranfield University) as part of the Advanced Soil Geochemical Atlas of England and Wales. The maps are based on 5700 surface soil samples (0–15 cm), collected across England and Wales, that have been analysed for 50 major and trace elements. Those determinands considered applicable to the Site and their concentrations are presented in Table 6 below.

Table 6 Estimated Soil Chemistry based on UK Soil Observatory background concentrations

Determinand	Concentration (mg/kg)
Arsenic	10.38 – 16.81
Cadmium	0.25 – 0.57
Chromium	55 - 67
Copper	16.28 – 27.89
Iron	1.64 – 3.13 (%)
Lead	40 - 83
Nickel	17.93 - 28.8

Determinand	Concentration (mg/kg)
Selenium	0.29 – 0.48
Vanadium	65 - 95
Zinc	58 - 109

Ground Stability Records

3.2.7 Table 7 provides a summary of the variable risk of ground stability hazards across the Site as provided within the Envirocheck report:

Table 7 Ground Stability records

Hazard Type	Hazard Potential
Collapsible Ground Stability	No hazard to very low
Compressible Ground Stability	No hazard to moderate
Ground Dissolution Stability	No hazard
Landslide Ground Stability	Very low to moderate
Running Sand Ground Stability	No hazard to low
Shrinking or Swelling Clay Ground Stability	No hazard to low

Mining and Mineral Extraction

3.2.8 The NPPF for England requires minerals planning authorities to promote sustainable use of mineral resources in their Local Plans. This includes defining mineral safeguard zones to ensure that specific mineral resources of local or national importance are not sterilised by non-mineral development (but not assuming that the identified minerals will be worked). If it is necessary for non-mineral development to take place then the local planning authority should set out policies to encourage the prior extraction of minerals, where practicable and environmentally feasible.

3.2.9 When determining planning applications local planning authorities must ensure that, amongst other matters, that there are no unacceptable impacts on the natural and historic environment, human health or aviation safety (taking into account cumulative effects from multiple sites); unavoidable noise, dust and particle emissions, and vibrations are controlled, mitigated or removed at source; and to not normally permit other developments in mineral safeguard zones.

3.2.10 The NPPF makes particular reference to the extraction of peat and coal. It stipulates that in their identification of mineral resources, authorities should not identify new sites or extensions to existing sites for peat extraction, and planning permission for such use should not be granted. Permission should also not be given for the extraction of coal unless the proposal is environmentally acceptable (or it can be made so), or if not, it provides national, local or community benefits which are far greater than the likely impacts.

3.2.11 The Core Strategy & Development Management Policies Plan, adopted in June 2016 (Ref 9), indicates that a limited portion of the Site to the southwest and north are located within a Mineral Safeguarding Area (MSA) for Sand and Gravel, which identifies areas where sand and gravel are of current, or future, economic importance. As reported in Policy M11, applications of non-mineral developments within MSAs must include a Minerals Assessment and it will be granted if the development would not sterilise mineral resources or prevent future minerals extractions. If this is not the case, planning permission will be granted when:

- *“the applicant can demonstrate to the Mineral Planning Authority that prior extraction of the mineral would be impracticable, and that the development could not reasonably be sited elsewhere; or*
- *the incompatible development is of a temporary nature and can be completed and the site restored to a condition that does not inhibit extraction within the timescale that the mineral is likely to be needed; or*
- *there is an overriding need for the development to meet local economic needs, and the development could not reasonably be sited elsewhere; or*
- *the development is of a minor nature which would have a negligible impact with respect to sterilising the mineral resource; or*
- *the development is, or forms part of, an allocation in the Development Plan”.*

3.2.12 The Site is located within a Sand and Gravel Area of Search¹.

3.2.13 The Coal Authority Interactive Map (Ref 10) reports that the Site is located within a Surface Coal Resource Area. The site is not located within a Coal Mining Reporting Area or in a Development High Risk Area. No records of coal mining activities are reported by the Coal Authority Interactive Map nor the Envirocheck Report.

3.2.14 Table 8 presents the available information on mining and quarrying operations, that have taken place within 250m of the Site. All identified operations have now ceased; operators are unknown.

Table 8 Former Quarrying activities within 250m of the Site

National Grid Reference	On site / Off site	Distance and Direction	Name	Material
483145, 384356	On site	South of Knaith and west of Knaith Park.	Knaith Sand Pit	Sand
483457, 385311		In proximity of Stephenson’s hill house, northwestern portion of the Site.	Stephenson’s Hill Farm	Sand
485135, 383198		In proximity of Clay Farm, central portion of the Site.	Clay Farm	Common clay and shale

¹ Defined in (Ref 9) as ‘an extensive area of land believed to contain significant, but generally unproven mineral resources within which the Mineral Planning Authority would have no objection in principle to mineral working, on at least part of the site subject to satisfactory proposals to protect the range of interests of acknowledged importance within and adjoining the area’.

National Grid Reference	On site / Off site	Distance and Direction	Name	Material
483645, 384603	Off site	Within Park Plantation, adjacent to Site boundary.	Central Park Farm Sand Pit	Sand
483808, 384656		Within Park Plantation, adjacent to Site boundary.	Broom Hills Pits	Sand
484618, 385997		Immediately north of Upton Road, east of Knaith Park – approximately 70 m north of the Site boundary.	Thurlby Farm Sand Pit	Sand
485361, 385788		East of the Site boundary, north of Kexby Lane– approximately 90 m north of the Site boundary. – now a pond	Kexby Brick Yard	Common clay and shale

Source: Envirocheck Report Ref: 286968913_1_1

3.3 Hydrogeology

3.3.1 The Environment Agency’s Combined Groundwater Vulnerability Map of the area shows that:

- the superficial glaciofluvial, alluvium, Holme Pierremont Member deposits, where present at the site are classified as a Secondary A aquifer. The Till aquifer is classified as a Secondary undifferentiated aquifer.
- the bedrock deposits of the Scunthorpe and Mercia Mudstone groups are classified as Secondary B aquifers; the Penarth group is classified as a Secondary undifferentiated aquifer.

3.3.2 The Environment Agency’s Combined Groundwater Vulnerability Map of the area shows that groundwater vulnerability on site varies from medium to high.

3.3.3 Limited information is available from BGS borehole records regarding groundwater levels within the area. Generally, water was not struck within 6 mbgl. However, occasionally water was observed within 1 mgl. Water is likely to be present within the superficial glaciofluvial, alluvium, Holme Pierremont Member deposits, where these are located on the Site

3.3.4 In terms of identifying the risk of contamination from potential polluting activities in a given area to groundwater sources (wells, boreholes and springs) used for supplying public drinking water, the Environment Agency identifies Source Protection Zones (SPZ). These show the extent of a groundwater source catchment and are divided into three zones, which can be found on the Environment Agency section of the gov.uk website. The site does not lie within a SPZ.

3.3.5 No known licensed groundwater abstractions have been identified within 1km of the site.

Risk of Flooding from Groundwater

- 3.3.6 The BGS Groundwater Flooding Susceptibility map included in the Envirocheck Report indicates that most of the Site has a limited potential for groundwater flooding to occur.
- 3.3.7 However, the following areas have a potential for groundwater flooding; these are located in the western and northern, southern portion of the Site:
- potential for groundwater flooding of property situated below ground level: some areas in proximity of Clay Farm (southern portion of the Site) and along Kexby Lane (northern portion of the Site); and
 - potential for groundwater flooding to occur at surface exists in Gate Burton village (adjacent to the southwestern boundary of the Site), in localised areas surrounding Park Plantation (northwestern portion of the site), along the railway route and along Kexby Lane.

3.4 Hydrology

- 3.4.1 The nearest Water Framework Directive surface watercourse/feature to the site is the Tributary of the River Till located along the eastern boundary of the Site, flowing in a southerly direction towards the River Till. The River Till is approximately 1.1 km east of the Site.
- 3.4.2 The River Trent is located approximately 300 to 350m to the west of the Site at its closest point.
- 3.4.3 Several other drains and ditches are present on the Site, mostly along existing boundaries between agricultural parcels. The drain network is particularly dense in the south eastern and northern portions of the Site.
- 3.4.4 No significant ponds or lakes are present on Site; however, small ponds can be observed in the immediate proximity of the Site boundary, associated with farms or other settlements.
- 3.4.5 Table 9 summarises the pertinent surface water quality information available associated with the Site.

Table 9 Surface Water Quality

Surface Water Feature	General Quality Assessment (GQA)	Distance (m)	Direction	Upstream / Downstream of Site
Tributary of Till	Chemical: Fail Ecological: Poor	On-site, along the eastern boundary	North-South	N/A
Trent from Carlton-on-Trent to Loughton Drain Water Body	Chemical: Fail Ecological: Moderate	300 m west of the Site	South-North	N/A

- 3.4.6 No Licensed Surface Water Abstractions have been identified within 1km of the Site.
- 3.4.7 Information on private abstractions has been requested and will be included within Chapter 9 Water Environment of the Environmental Statement.

3.5 Risk of Flooding from Surface Water

- 3.5.1 Flood maps included in the Envirocheck report indicate that there is the potential for flooding from the Tributary of the River Till which flows along the eastern boundary of the Site, and from the drain northwest of the Site, in the vicinity of Kexby Lane.
- 3.5.2 Another area subject to flooding is located south of the Site, in proximity of Sort Hills farm.

4. Historical & Planned Development

4.1 Historical Ordnance Survey Mapping & Aerial Photographs

- 4.1.1 Historical Ordnance Survey (OS) maps of the Site and the wider environs were provided in the Envirocheck Report (scales 1:2,500, 1:10,560 and 1:10,000) and from Google Earth Pro and these are reviewed in this section.
- 4.1.2 The historical Ordnance Survey (OS) maps obtained with the Landmark Envirocheck report date between 1885 and 2021.
- 4.1.3 The Site has remained mostly undeveloped since prior to 1900. The railway line was constructed prior to 1900, with farm buildings (including Clay Farm) also present. There was a sandpit and an “old sandpit” noted on the Site in the northwest from 1900 to 1956. This area is now occupied by grassland. The telecommunications antenna along Clay Lane was visible on the mapping by 2003.
- 4.1.4 Offsite, the main villages surrounding the Site were already established prior to 1900. These included pumps and wells at this time. Sand pits and brickworks were present adjacent to the north of the Site. The brickyard was disused by the 1950s and shown to be replaced by residential properties in the 1970s. A sewage works was present adjacent to the northern boundary in proximity of Upton Road was noted on the mapping dated 1980 to 2003. Various residential properties adjacent to and immediately surrounding the Site, have been built, removed or modified over this period.
- 4.1.5 Table 10 provides a more detailed summary of the main features present on, and within approximately 250m radius of, the Site boundary. AECOM notes that only indicative map scales are provided. Where dates are stated, these refer to the dates of maps on which the features are present, have changed use or are no longer annotated, and do not necessarily refer to the exact dates of existence of a particular feature. Development that may have occurred between map editions is recorded as occurring on the latter published map, hence there are some limitations to the accuracy to the date of development unless supplementary evidence is available:

Table 10 Summary of historical mapping

Date and scale	Key Features on-site	Key Features off site (within 250m)
pre-1900, 1:10,560 and 1:2,500	<p>Mostly agricultural land.</p> <p>Railway crossing the Site approximately north to south through the centre of the site.</p> <p>Clay Farm, Siding Farm, High Pasture Farm are present on-site.</p> <p>'Long Nursery' located in the central portion of the Site.</p> <p>Burton Windmill located along the southwestern boundary.</p> <p>Sand Pit to the northwest of the Site, close to Gainsborough Road and south of Knaith.</p> <p>Thurlby Farm, located in the northeast of the Site.</p>	<p>Mostly agricultural land with sporadic settlements including Gate Burton village, Knaith village, farms (Sort Hills, Park Farm, Park Farm North, including a pump, Park Farm South, including a well, Stephenson's Farm, including a pump, Sandebus Farm and Golddale Planting).</p> <p>Pumps and a well are present in proximity of the Site, near Knaith village.</p> <p>Glebe Farm (now Park Farm) adjacent to the Site boundary, in the eastern portion of the Site.</p> <p>Sand Pit within Park Plantation and an Old Sand Pit approximately 50 m north of the Site boundary.</p> <p>Brick Yard located to the north east of the Site.</p> <p>Lea Railway Station approximately 100 m from the Site boundary, northern portion of the Site.</p>
1900-1922, 1:10,560 and 1:2500	<p>Burton Windmill no longer present.</p> <p>'Rises' are now visible within the Site.</p>	<p>Windpipe visible approximately 30m from the site boundary, to the northeast.</p> <p>Sandy Barr cottage, adjacent to the southern boundary of the Site.</p> <p>The Brick Yard/Brick Works are now labelled as disused.</p>
1947-1956, 1:10,560 and 1:10,000	<p>No major changes.</p>	<p>Brick yard no longer present. Sporadic presumably residential dwellings now visible of the northern boundary of the Site.</p> <p>By 1956, Glebe Farm is labelled "Park Farm" and includes a windpump.</p>
1970-1973, 1:10,000 (northern portion of the Site only) and 1:2,500 1974-1975, 1:2,500	<p>Several drains are now labelled on-site.</p> <p>Thurbly Farm no longer labelled but some buildings are still present.</p> <p>By 1974, the woodland Burton Gorse, located in the central portion of the Site, is no longer present.</p>	<p>A 'Laundry' is visible approximately 300 m west of the Site boundary, within Knaith.</p> <p>By 1970, the Brick Yard is demolished, and new developments are visible in the same area.</p> <p>By 1974-1975, Park Farm has expanded and includes two ponds and Long Nursery has expanded to the northeast.</p> <p>Sewage works are visible by 1980-1982, adjacent to the northern Site boundary, in proximity of Upton Road.</p>
1980-1981, 1:10,560	<p>Several drains are now labelled on-site.</p> <p>The sand pit in the northwestern portion of the Site is no longer present.</p>	<p>Terrace House Farm now visible within Knaith village, northwest of the Site.</p> <p>Prospect Farm is now visible within Gate Burton village.</p> <p>Buildings labelled as "The Cedars" are now visible immediately southwest of the Site beyond Willingham Road.</p> <p>Small buildings are visible within Park Plantation.</p>
2000, 1:10,000	<p>Buildings previously associated with Thurbly Farm are no longer present.</p>	<p>A Nursery House is visible along the southern boundary of the Site, west of Sandebus Farm.</p>

Date and scale	Key Features on-site	Key Features off site (within 250m)
	High Pasture Farm is no longer present.	
2003-2020, Google Earth Pro Aerial Imagery	<p>The telecom antenna along Clay Lane is visible by 2003.</p> <p>The area previously known as 'Long Nursery' is now a woodland.</p> <p>'Siding Farm' is comprised of an isolated building, possibly disused, in the 2003 aerial photograph.</p>	<p>Park Farm undergoes redevelopment between 2007 and 2015, with existing buildings being demolished and construction of new ones.</p> <p>The Sewage works along Upton Road are no longer visible in the 2003 aerial photograph.</p> <p>Construction works are also visible at the Nursery close to Sandebus Farm between 2007 and 2018.</p> <p>A new building is constructed around 2012 in proximity of Central Park Farm.</p>
2021, 1:10,000	No major changes.	No major changes.

4.2 Planning Authority Records

- 4.2.1 The West Lindsey District Council website (Ref 11) has been searched for significant planning applications from 2018 onwards which could significantly impact the Site. No major works are planned within the Site or in the immediate surroundings, except for overhead line alterations along Kexby Lane, in proximity of the northern boundary of the Site.
- 4.2.2 A short-list of cumulative schemes is described in **ES Volume 3: Appendix 16-1 [EN010131/APP/3.3]**.

4.3 Unexploded Ordnance Risk

- 4.3.1 Based on a review of historical maps dated 1907-1947, the Site was not located near any wartime sites of interest such as military bases, ports or industrial centres.
- 4.3.2 An analysis of the post war historical map (1947-1956) does not show significant redevelopment within the area. Due to the rural area and the low level of redevelopment throughout the years, there is the possibility that Unexploded Ordnance (UXO) could have gone unnoticed.
- 4.3.3 The regional UXO mapping published by Zetica (Ref 12) shows the Site lies within a zone of low bomb risk.
- 4.3.4 Based on the findings of the above assessments it is considered that no further action is required with regard to potential unexploded ordnance at the Site.

5. Regulated Activities and Statutory Consultation

5.1 Introduction

- 5.1.1 The key relevant features that characterise the Site and surrounding area are summarised in this section, along with an indication of the risk to the land quality of the Site.
- 5.1.2 Information on groundwater and surface water abstractions is detailed in Section 3 and is not repeated here.
- 5.1.3 Generally, any regulated activities within 250m of the site could, depending upon their nature, represent potential off-site sources of contamination. Whilst a 1km search area is included as part of the Envirocheck data this section places emphasis on those activities present within 250m.

5.2 Regulated Processes

- 5.2.1 Table 11 summarises the pertinent information on regulated processes contained in the Landmark Envirocheck report (Appendix B).
- 5.2.2 There are no Control of Major Accident Hazards Sites (COMAH), Explosive Sites, Notification of Installations Handling Hazardous Substances (NIHHS), Planning Hazardous Substance Consents, Planning Hazardous Substance Enforcements, Fuel Station Entries, Gas Pipelines, Underground Electrical Cables, within the Site or in a 250m radius from the Site.

Table 11 Summary of Regulatory Information

Subject	Number Present		Details
	On site	0-250m	
Discharge Consents	-	6	Six discharge consents are listed within 250 m of the site. Registered to C Aitchison & M Douce, Sewage Discharges - Final/Treated Effluent - Not Water Company; 10 m west; discharge into Freshwater Stream/River. Status: Revoked Registered to D Fenwick, Agriculture - Livestock Farming- 50 m from the Site boundary, in proximity of Central Park Farm; discharge onto land Status: Deemed Groundwater Regulations Authorisation Registered to Mr Martin Robert Lake, Sewage Discharges - Final/Treated Effluent - Not Water Company- 240 m west; discharge into Freshwater Stream/River. Status: New Consent 2 entries Registered to Anglian Water Services Limited, Public Sewage: Storm Sewage Overflow and Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company, 70 m east; discharge into Freshwater Stream/River. Status: New Consent. Registered to Anglian Water Services Limited, Public Sewage: Storm Sewage Overflow; 90 m east; discharge into Freshwater Stream/River. Status: Revoked: New Consent Issued.
Pollution Incidents	2	1	Two Pollution Incidents to Controlled Waters on-site:

Subject	Number Present		Details
	On site	0-250m	
to Controlled Waters			August 1993: Category 2 – significant incident; receiving waters: Freshwater Stream/River; pollutant: unknown; located in the central portion of the Site. July 1996: Category 3 – minor Incident; receiving waters: Freshwater Stream/River; pollutant: Organic Wastes: Cattle slurry; located along Kexby Lane, northwestern portion of the site. One Pollution Incident to Controlled Waters off-site: June 1992: Category 3 – Minor Incident; receiving waters: Padmoor Drain; pollutant: unknown; located 110 m east.
Substantiated Pollution Incident Register	1		August 2009 – Water impact: Category 2 – Significant Incident; no Land Impact; pollutant: Agricultural Materials and Wastes, Soil Conditioners; located in proximity of Park Farm.

Source: Envirocheck Report Ref. 286968913_1_1

5.3 Licensed Waste Management Facilities

- 5.3.1 There are no BGS Recorded Landfill Sites, Historical Landfill Sites, Integrated Pollution Control Registered Waste Sites, Licensed Waste Management Facilities (Landfill Boundaries), Local Authority Recorded Landfill Sites, Registered Landfill Sites, Registered Waste Transfer Sites, Registered Waste Treatment or Disposal Sites within the Site or in a 250m radius from the Site.
- 5.3.2 A licensed waste management facility is present 50m from the boundary of the Site, associated with Park Farm. It is recorded as a household, commercial and industrial transfer station registered to G H By Products Ltd. Current status of the licence is unknown, however it is noted that it was last modified in November 2020.

5.4 Industrial Land Use

- 5.4.1 There is one active contemporary trade directory entry, located approximately 20m from the southwestern tip of the Site, in Gate Burton. It is associated with horse boxes and transporting.

5.5 Sensitive Land Uses

- 5.5.1 The Envirocheck Report indicates that Burton Wood, located in the central portion of the Site, is associated with two Ancient Woodland entries as Ancient and Semi-Natural Woodland and as a Plantation on Ancient Woodland.
- 5.5.2 The Site, or portions of it, are located within four Nitrate Vulnerable Zones (Nvz) for surface water:
- R Trent From Carlton-On-Trent To Laughton Drain Nvz;
 - Marton Drain Catchment (Trib Of R Trent) Nvz;
 - Seymour Drain Catchment (Trib Of River Trent) Nvz; and
 - Lower Witham Nvz.

- 5.5.3 There are no 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, Ramsar Sites, Sites of Special Scientific Interest, Special Areas of Conservation, Special Protection Areas, World Heritage Sites within the Site or in a 250m radius from the Site.

6. Preliminary Ground Model

- 6.1.1 Based on the review of published geological and hydrogeological information and a selection of historical borehole records, the ground conditions within the Site are considered to comprise the following sequence presented in Table 12.

Table 12 Preliminary Ground Model

Geology	Typical Description and anticipated thickness	Location and extent	Aquifer	Depth to Groundwater	Ground Gas Potential
Made Ground /Topsoil	Made Ground – thickness unknown Topsoil – 0.4m	Limited potential for Made Ground. Key areas associated with Railways, farm building areas, antennae, infilled pit Topsoil recorded in the north and northwest of the Site.	-	Limited information is available from BGS borehole records regarding groundwater levels within the area.	Low (potential infilled pits – unknown fill material)
Superficial Deposits - Glaciofluvial deposits	Sand and Gravel – silty sand. ‘clayey’ pebbly sand. Gravel; fine, well rounded quartz. Sand: medium well rounded quartz; Medium grained, some fine and coarse well rounded quartz and less rounded rock fragments, very silty res-brown silt; sand and gravel, silty sand ; dense to medium dense dark brown, slightly clayey sand and loose to medium dense light brown slightly clayey fine to coarse sand with some rounded gravel - 0.8 – 3.05m	Recorded in the northwest of the Site, and off-site (west and east of the Site)	Secondary A	Generally, water was not struck within 6 mbgl. However, occasionally water was observed within 1 mbgl. Water is likely to be present within the superficial glaciofluvial, alluvium, Holme	Very Low
Superficial Deposits - Alluvium	Normally soft to firm consolidated, compressible silty clay, but can contain layers of silt, sand, peat and basal gravel ² - thickness unknown.	Mapped in an isolated area in proximity of Clay Farm but not recorded within reviewed boreholes	Secondary A	Pierremont Member deposits, where these are located on the Site.	Low. Possible if organic material present. However, isolated area and limited extent.
Superficial Deposits - Till - diamicton	Reddish-brown and grey; some sandy pockets and pebbles of limestone, sandstone, flint and quartz with mudstone towards base; ale brown and grey, ochreous sandy pockets and a few pebbles of flint and sandstone and clay with greenish brown areas, appears reworked, some pebbles of	Recorded in the northwest of the Site	Secondary undifferentiated		Very Low

² BGS description.

Geology	Typical Description and anticipated thickness	Location and extent	Aquifer	Depth to Groundwater	Ground Gas Potential
	clack shale and limestone; grey and brown, weathered appearance, some sandy patches, becomes greyer towards base at 1.0m – 2.8m				
Superficial Deposits - Holme Pierrepont Sand And Gravel Member	Soil, dry sand, running sand, red clay, sand and quartz; red clay, shales, stone, marl gypsum – 3.05m	Recorded mainly off-site, to the southwest of the Site. However, these may marginally encroach on to the Site in the southwestern tip of the Site at Gate Burton.	Secondary A		Low

7. Initial Conceptual Site Model

7.1 Introduction

7.1.1 This section is aimed at identifying possible risks, if any, arising from substances used or deposited on-site, or from other sources of land contamination. Both past and current potentially contaminative land uses have been considered. It is based on the Solar and Energy Storage Park only which will comprise the installation of solar PV generating panels and on-site energy storage facilities.

7.2 Assessment Framework

7.2.1 Current best practice recommends that the determination of health hazards due to contaminated land is based on the principle of risk assessment, as outlined in the Statutory Guidance to Part 2A (2012) and Land Contamination: Risk Management (LCRM) (2020).

7.2.2 The “suitable for use” approach is adopted for the assessment of contaminated land where remedial measures are undertaken where unacceptable risks to human health or the environment are realised taking into account the use (or proposed use) of the land in question and the environmental setting.

7.2.3 The risk assessment process for environmental contaminants is based on a source-pathway-receptor analysis. These terms can be defined as follows:

- **Source:** hazardous substance that has the potential to cause adverse impacts; and
- **Pathway:** route whereby a hazardous substance may come into contact with the receptor: examples include ingestion of contaminated soil and leaching of contaminants from soil into watercourses; and
- **Receptor: target that may be affected by contamination:** examples include human occupants/ users of site, water resources (surface waters or groundwater), or structures.

7.2.4 For a risk to be present, there must be a relevant/ viable contaminant linkage; i.e. a mechanism whereby a source impacts on a sensitive receptor via a pathway.

7.2.5 The following sections details the initial Conceptual Site Model (iCSM) which has been developed for the Site with a view to assessing the potential risks/ liabilities and constraints associated with the Site in its current condition prior to any proposed redevelopment. Risks associated with the proposed redevelopment have also been assessed based on a commercial future land use scenario, including any potential sources of contamination, potential receptors and potential contaminant pathways identified during this desk-based assessment.

7.3 Sources of Potential Contamination

7.3.1 Based on the above, Table 13 lists the potential sources of contamination that may be found at the Site and associated potential contaminants with reference to the DoE Industry Profiles (Ref 14) and R&D Publication 66: 2008 (Ref 15).

Table 13 Potential Sources of Contamination

Source Reference	Location	Potential Sources	Typical Associated Contaminants of Potential Concern (CoPC)
S1	On-site	Agricultural land and associated facilities	Potential for: metals; inorganics, nitrites, nitrates, ammonium pesticides and herbicides; hydrocarbons
S2	On-site	Railway and sidings	Potential for hydrocarbons; Polychlorinated Biphenyls (PCBs); Polycyclic Aromatic Hydrocarbons (PAH) and creosote; Solvents; Benzene, toluene, ethylbenzene; xylene (BTEX) herbicides; metals; asbestos, ash and fill, sulphates
S3	On-site	Potentially infilled land associated with historic quarries and pits	Low potential for ground gas. Subject to the nature of fill materials, potential for a range of inorganic and organic contaminants including but not limited to metals, metalloids, acids, alkalis, organic compounds, inorganic compounds, asbestos, Total Petroleum Hydrocarbons (TPH), PAH, solvents, lubricants, fuel oils, Volatile Organic Compounds (VOC), Semi-Volatile Organic Compounds (SVOC), timber and water treatment chemicals, PCBs, methane, hydrogen sulphide and carbon dioxide.
S4	On-site	Potential Made Ground associated with utilities infrastructure (Antennae, drainage, roadways)	Low potential for ground gas. Potential for a range of inorganic and organic contaminants including but not limited to metals, metalloids, acids, alkalis, organic compounds, inorganic compounds, asbestos, TPH, PAH, solvents, lubricants, fuel oils, VOC, SVOC, timber and water treatment chemicals, PCB, methane, hydrogen sulphide and carbon dioxide.
S5	Off-site Sources	Agricultural land and associated facilities Railway and sidings Potentially infilled land associated with historic quarries and pits Potential Made Ground associated with utilities (gas) infrastructure Former Sewage works Former Brick Yard	Potential for: metals; inorganics, nitrites, nitrates, ammonium pesticides and herbicides; hydrocarbons PCBs, TPH, PAH and VOC, SVOC; BTEX asbestos, ash and fill, sulphates Low potential for ground gas – infilled ground, former sewage works (methane, hydrogen sulphide and carbon dioxide).

Sources: Department of Environment Industry Profiles (Ref 14) and R&D Publication 66: 2008 (Ref 15).

7.4 Potential Receptors

7.4.1 Potential receptors associated with the Scheme are shown on Table 14.

Table 14 Potential Receptors

Receptor Reference	Receptor	Description
R1	Human Health (Future users)	Future commercial receptors on-site (workers/maintenance workers at the Main Site – duration anticipated to be three staff per day during operation with an average two visitors per day).
R2	Human Health (off site – commercial/residential properties)	Commercial receptors off-site (adjacent farms and commercial properties during construction works only).
R3	Water Environment: Superficial Aquifers	Groundwater within the Secondary A and Secondary undifferentiated aquifers.
R4	Water Environment: Surface waters	Tributary of the Till, River Trent and multiple drains and ponds on-site and off-site. River Till and River Trent.
R5	Water Environment: Bedrock Aquifers	Groundwater within the Secondary B and Secondary undifferentiated aquifers.
R6	Buildings & Infrastructure: Concrete foundations associated with buildings, solar PV, utilities services.	Infrastructure at risk from ignition of accumulated ground gas in confined space. Below ground infrastructure at risk from aggressive ground conditions.

7.5 Potential Pathways

7.5.1 Potential pathways associated with the Scheme are shown in Table 15.

Table 15 Potential Pathways

Pathway Reference	Receptor	Description
P1	Human Health	Direct contact, dermal absorption or ingestion of soil/ water.
P2	Human Health	Inhalation of soil particulates or soil vapour derived from soils.
P3	Human Health	Migration of hazardous gases/vapours via permeable strata into confined spaces (asphyxiation/explosion).
P4	Water Environment: Surface water	Spillage/loss/run off from surface direct to receiving water.
P5	Water Environment: Surface water	Lateral migration of impacted shallow groundwater towards surface water receptors.
P6	Water Environment: Groundwater	Leaching of chemicals and vertical migration via permeable unsaturated strata to shallow and/ or deep groundwater.
P7	Water Environment: Groundwater	Vertical migration of impacted shallow groundwater to the deeper aquifer.
P8	Buildings & Infrastructure: Concrete	Direct contact of buried concrete with contaminated soils (i.e. hydrocarbons) and aggressive ground conditions (pH and sulphate).
P9	Buildings & Infrastructure: Supply pipes	Direct contact of services and supply pipes with contaminated soils.

Pathway Reference	Receptor	Description
P10	Buildings & Infrastructure: Structures	Migration of hazardous gases/vapours via permeable strata into enclosed spaces and service/utility trenches.

8. Environmental Risk Assessment

8.1 Risk Assessment Principles

- 8.1.1 Current best practice recommends that the determination of hazards due to contaminated land is based on the principle of risk assessment, as outlined in the Environment Agency guidance on LCRM.
- 8.1.2 For a risk to be present, there must be a viable contaminant linkage i.e. a mechanism whereby a source impacts on a sensitive receptor via a pathway.
- 8.1.3 Assessments of risks associated with each of these contaminant linkages are discussed in the following sections.
- 8.1.4 Using criteria broadly based on those presented in the National House Building Council/Environment Agency/Chartered Institute of Environmental Health publication R&D 66 (NHBC/EA/CIEH, 2008), the magnitude of the risk associated with potential contamination at the Site has been assessed. To do this an estimate is made of:
- The magnitude of the potential consequence (i.e. severity);
 - The magnitude of probability (i.e. likelihood).
- 8.1.5 The severity of the risk is classified according to the criteria in Table 16.

Table 16 Description of Severity of Risk

Term	Description
Severe	Highly elevated concentrations likely to result in significant harm to human health. Catastrophic damage to crops, buildings or property (e.g. by explosion). Equivalent to EA Category 1 pollution incident including persistent and/or extensive effects of water quality. Major damage to aquatic or other ecosystems.
Medium	Elevated concentrations which could result in significant harm to human health. Significant damage to crops, buildings or property (e.g. damage to building rendering it unsafe). Equivalent to EA Category 2 pollution incident including significant effect on water quality. Significant damage to aquatic or other ecosystems.
Mild	Exposure to human health unlikely to lead to significant harm. Minor damage to crops, buildings or property (e.g. surface spalling to concrete). Equivalent to EA Category 3 pollution incident including minimal or short-lived effect on water quality. Minor or short-lived damage to aquatic or other ecosystems.
Minor	No measurable effect on humans. Repairable effects of damage to buildings, structures and services. Equivalent to insubstantial pollution incident with no observed effect on water quality of ecosystems.

8.1.6 The probability of the risk occurring is classified according to the criteria in Table 17.

Table 17 Likelihood of Risk Occurrence

Likelihood	Explanation
High	Contaminant linkage may be present that appears very likely in the short-term and risk is almost certain to occur in the long term, or there is evidence of harm to the receptor.
Likely	Contaminant linkage may be present, and it is probable that the risk will occur over the long term.
Low	Contaminant linkage may be present and there is a possibility of the risk occurring, although there is no certainty that it will do so.
Unlikely	Contaminant linkage may be present but the circumstances under which harm would occur even in the long-term are improbable.

8.1.7 An overall evaluation of the level of risk is gained from a comparison of the severity and probability, as shown in Table 18.

Table 18 Risk based on Comparison of Likelihood and Severity

		Severity			
		SEVERE	MEDIUM	MILD	MINOR
Likelihood	HIGH	Very High	High	Moderate	Low
	LIKELY	High	Moderate	Moderate/Low	Low
	LOW	Moderate	Moderate/Low	Low	Very Low
	UNLIKELY	Moderate/Low	Low	Very Low	Very Low

8.2 LCRM Assessment of Risk

8.2.1 Current contaminated land guidance in LCRM (Ref 17) categorises risk at Stage 1 Tier 1 (i.e. PRA) as follows:

- Acceptable; and
- Unacceptable.

8.2.2 However, no framework for assessing the risk has been published to accompany the guidance, so the CIEH & NHBC R&D 66 assessment framework constitutes best practice in this regard. To align the risk rankings in Section 9.2 with the LCRM rankings and with the Part 2A definitions, the following matrix has been utilised. This conversion is demonstrated in Table 19 below:

Table 19 Conversion to LCRM Risk Categories

	Acceptable	Unacceptable
Very Low		
Low		
Moderate/Low		
Moderate*		
High		

Acceptable

Unacceptable

Very High

* This risk category spans both acceptable and unacceptable. This is intentional as it is this risk band that tends to have the greatest level of uncertainty associated with it. Acceptability will dependent on site-specific circumstances and level of confidence in the available evidence.

For a risk to be unacceptable, the contaminant linkage should be associated with at least a "medium" severity as defined in Table A4.3 in Annex 4 of R&D66 and the probability should (in the majority of cases) be at least "likely" as defined in Table A4.4 of R&D66.

8.2.3 These risk categories represent the level of risk as it is currently understood from the information available at this time.

8.3 Preliminary Risk Assessment

An iCM illustrating plausible contaminant linkages has been formulated for this site. The qualitative preliminary risk assessment of the possible linkages of the above sources (S1 to S5), transport pathways (P1 to P10) and receptors (R1 to R6) is provided in

8.3.1 Table 20.

8.3.2 The level of risk is determined based on the current condition of the Site (i.e. the effects of mitigation measures are not included).

8.3.3 The preliminary risk assessment undertaken within this section does not consider acute linkages for construction and maintenance workers. AECOM anticipates that these acute linkages will be managed by appropriate health and safety measures.

Table 20 Potential Sources, Pathways and Receptors

Source	Pathway	Receptor	Potential Severity	Likelihood of Occurrence	Potential Risk (R&D 66)	LCRM Risk Category	Justification
S1 Onsite Agricultural land and associated facilities	P1 Direct contact, dermal absorption or ingestion of soil / water.	R1 Human Health (future users)	Mild	Low	Low	Acceptable	The Site is mostly used as agricultural/undeveloped land. Very limited storage areas were identified. However, direct contact and inhalation are possible given the presence of residential and commercial receptors on-site. Exposure is likely to be transient in nature.
	P2 Inhalation of soil particulates or soil vapour derived from soils.		Mild	Low	Low	Acceptable	
	P3 Migration of hazardous gases/vapours via permeable strata into confined spaces (asphyxiation/explosion)		Mild	Low	Low	Acceptable	
	P1 Direct contact, dermal absorption or ingestion of soil / water.	R2 Human Health (off site – commercial /residential properties)	Mild	Unlikely	Low	Acceptable	Given the presence of a dense drainage network associated with agricultural activities, the risk to surface water is considered to be moderate/low. Groundwater underlying the site was found lying at depths generally > 6m bgl; the presence of superficial deposits was not continuous across the Site therefore the bedrock aquifer may be in direct continuity with shallow soils, potentially impacted by agricultural activities. It is therefore considered that there is a moderate/low risk for contamination to impact the groundwater within the superficial deposits and potentially bedrock.
	P2 Inhalation of soil particulates or soil vapour derived from soils.		Mild	Unlikely	Low	Acceptable	
	P3 Migration of hazardous gases/vapours via permeable strata into confined spaces (asphyxiation/explosion)		Mild	Unlikely	Low	Acceptable	
	P4 Spillage/loss/run off from surface direct to receiving water	R3 Water Environment: Surface waters	Mild	Likely	Moderate/Low	Acceptable	
	P5 Lateral migration of impacted shallow groundwater towards surface water receptors .		Mild	Likely	Moderate/Low	Acceptable	
	P6 Leaching of chemicals and vertical migration via permeable unsaturated strata to shallow and/ or deep groundwater	R4 Water Environment: Superficial Aquifers	Mild	Likely	Moderate/Low	Acceptable	

Source	Pathway	Receptor	Potential Severity	Likelihood of Occurrence	Potential Risk (R&D 66)	LCRM Risk Category	Justification
	P6 Leaching of chemicals and vertical migration via permeable unsaturated strata to shallow and/or deep groundwater	R5 Water Environment: Bedrock Aquifers	Mild	Low	Low	Acceptable	Risk to building infrastructure is considered to be very low/low.
	P7 Vertical migration of impacted shallow groundwater to the deeper aquifer.		Mild	Low	Low	Acceptable	
	P8 Direct contact of buried concrete with contaminated soils (i.e. hydrocarbons) and aggressive ground conditions (pH and sulphate).	R6 Buildings & Infrastructure: Concrete foundations associated with buildings, solar PV, utilities services.	Minor	Unlikely	Very Low	Acceptable	
	P9 Direct contact of services and supply pipes with contaminated soils.		Minor	Low	Very Low	Acceptable	
	P10 Migration of hazardous gases/vapours via permeable strata into enclosed spaces and service/utility trenches		Medium	Unlikely	Low	Acceptable	
S2 Onsite Railway and sidings	P1 Direct contact, dermal absorption or ingestion of soil / water.	R1 Human Health (future users)	Medium	Unlikely	Low	Acceptable	Access to the railway sidings is generally restricted, therefore direct contact with contaminants is considered unlikely. Residential and commercial receptors may be exposed to vapours and gases although there is no evidence of significant contamination that might cause this from the railway sidings. A minimum distance from the railway
	P2 Inhalation of soil particulates or soil vapour derived from soils.		Medium	Unlikely	Low	Acceptable	
	P3 Migration of hazardous gases/vapours via permeable strata into confined spaces (asphyxiation/explosion)		Medium	Unlikely	Low	Acceptable	

Source	Pathway	Receptor	Potential Severity	Likelihood of Occurrence	Potential Risk (R&D 66)	LCRM Risk Category	Justification
	P1 Direct contact, dermal absorption or ingestion of soil / water.	R2 Human Health (off site – commercial/residential properties)	Medium	Unlikely	Low	Acceptable	sidings is generally assumed due to restrictive access and reduces the risks significantly. Groundwater underlying the Site was found lying at depths generally > 6 m bgl. The presence of superficial deposits was not continuous across the Site and within the area of the railway, this is likely to only be Till deposits (low permeability). Therefore, the shallow aquifers are unlikely be impacted by soil from the railway.
	P2 Inhalation of soil particulates or soil vapour derived from soils.		Medium	Unlikely	Low	Acceptable	
	P3 Migration of hazardous gases/vapours via permeable strata into confined spaces (asphyxiation/explosion)		Medium	Unlikely	Low	Acceptable	
	P4 Spillage/loss/run off from surface direct to receiving water	R3 Water Environment: Surface waters	Mild	Likely	Moderate/Low	Acceptable	The bedrock aquifer may be in direct continuity with shallow soils, potentially impacted by railway sidings. However, given the limited extent of railway land and the presence of a relatively deep groundwater, the risk to groundwater is considered to be low. Given the presence of a dense drainage network crossing the railway path in multiple points, the risk to surface water is considered to be moderate/low. Risk to building infrastructure is considered to be very low/low.
	P5 Lateral migration of impacted shallow groundwater towards surface water receptors.		Mild	Low	Low	Acceptable	
	P6 Leaching of chemicals and vertical migration via permeable unsaturated strata to shallow and/or deep groundwater	R4 Water Environment: Superficial Aquifers	Mild	Low	Low	Acceptable	
	P6 Leaching of chemicals and vertical migration via permeable unsaturated strata to shallow and/or deep groundwater	R5 Water Environment: Bedrock Aquifers	Mild	Low	Low	Acceptable	
	P7 Vertical migration of impacted shallow groundwater to the deeper aquifer.		Mild	Low	Low	Acceptable	
	P8 Direct contact of buried concrete with contaminated soils (i.e. hydrocarbons) and aggressive ground conditions (pH and sulphate).	R6 Buildings & Infrastructure: Concrete foundations associated with	Mild	Unlikely	Very Low	Acceptable	

Source	Pathway	Receptor	Potential Severity	Likelihood of Occurrence	Potential Risk (R&D 66)	LCRM Risk Category	Justification
	P9 Direct contact of services and supply pipes with contaminated soils.	buildings, solar PV, utilities services.	Mild	Unlikely	Very Low	Acceptable	
	P10 Migration of hazardous gases/vapours via permeable strata into enclosed spaces and service/utility trenches		Medium	Unlikely	Low	Acceptable	
S3 On site Potentially infilled land associated with historic quarries and pits	P1 Direct contact, dermal absorption or ingestion of soil / water.	R1 Human Health (future users)	Mild	Low	Low	Acceptable	Direct contact with potentially infilled land is considered unlikely given the historical use of the Site and the limited presence of known infilled areas. Residential and commercial receptors may be exposed to vapours and hazardous gases from potentially infilled land, if present. However, this is likely to be limited therefore the risk is deemed to be low.
	P2 Inhalation of soil particulates or soil vapour derived from soils.		Mild	Low	Low	Acceptable	
	P3 Migration of hazardous gases/vapours via permeable strata into confined spaces (asphyxiation/explosion)		Mild	Low	Low	Acceptable	
	P1 Direct contact, dermal absorption or ingestion of soil / water.	R2 Human Health (off site – commercial/residential properties)	Medium	Unlikely	Low	Acceptable	Migration of contaminants from infilled land towards surface water is possible, given the presence of a drainage network associated with agricultural use, however the risk is considered to be low, given the limited extent of known infilled land across the Site. Leaching of contaminants towards both the superficial aquifer (when present) and deep aquifers is possible, but the risk is considered
	P2 Inhalation of soil particulates or soil vapour derived from soils.		Medium	Unlikely	Low	Acceptable	
	P3 Migration of hazardous gases/vapours via permeable strata into confined spaces (asphyxiation/explosion)		Medium	Unlikely	Low	Acceptable	
	P4 Spillage/loss/run off from surface direct to receiving water		Mild	Low	Low	Acceptable	

Source	Pathway	Receptor	Potential Severity	Likelihood of Occurrence	Potential Risk (R&D 66)	LCRM Risk Category	Justification
	P5 Lateral migration of impacted shallow groundwater towards surface water receptors .	R3 Water Environment: Surface waters	Mild	Low	Low	Acceptable	low, given the likely limited extent of Made Ground across the Site. Risk to building infrastructure is considered to be very low/low.
	P6 Leaching of chemicals and vertical migration via permeable unsaturated strata to shallow and/ or deep groundwater	R4 Water Environment: Superficial Aquifers	Mild	Low	Low	Acceptable	
	P6 Leaching of chemicals and vertical migration via permeable unsaturated strata to shallow and/ or deep groundwater	R5 Water Environment: Bedrock Aquifers	Mild	Low	Low	Acceptable	
	P7 Vertical migration of impacted shallow groundwater to the deeper aquifer.		Mild	Low	Low	Acceptable	
	P8 Direct contact of buried concrete with contaminated soils (i.e. hydrocarbons) and aggressive ground conditions (pH and sulphate).	R6 Buildings & Infrastructure: Concrete foundations associated with buildings, solar PV, utilities services.	Mild	Unlikely	Very Low	Acceptable	
	P9 Direct contact of services and supply pipes with contaminated soils.		Mild	Unlikely	Very Low	Acceptable	
	P10 Migration of hazardous gases/vapours via permeable strata into enclosed spaces and service/utility trenches		Medium	Unlikely	Low	Acceptable	
S4 On site Potential Made Ground	P1 Direct contact, dermal absorption or ingestion of soil / water.	R1 Human Health	Mild	Unlikely	Very Low	Acceptable	Direct contact with potential Made Ground is to be considered unlikely given the historical use of the Site and

Source	Pathway	Receptor	Potential Severity	Likelihood of Occurrence	Potential Risk (R&D 66)	LCRM Risk Category	Justification
associated with utilities infrastructure (Antennae, drainage)	P2 Inhalation of soil particulates or soil vapour derived from soils.		Mild	Unlikely	Very Low	Acceptable	the likely limited presence of Made Ground. Residential and commercial receptors may be exposed to vapours and hazardous gases from potential Made Ground. However, extent of those is likely to be limited therefore the risk is deemed to be low. Migration of contaminants from Made Ground towards surface water is possible, given the presence of a drainage network associated with agricultural use, however the risk is considered to be low, given the presumably limited extent of Made Ground across the Site. Leaching of contaminants towards both the superficial aquifer (when present) and deep aquifers is possible, given the likely limited extent of Made Ground across the Site. Risk to building infrastructure is considered to be very low/low.
	P3 Migration of hazardous gases/vapours via permeable strata into confined spaces (asphyxiation/explosion)		Mild	Unlikely	Very Low	Acceptable	
	P1 Direct contact, dermal absorption or ingestion of soil / water.	R2 Human Health (off site – commercial/residential properties)	Medium	Unlikely	Low	Acceptable	
	P2 Inhalation of soil particulates or soil vapour derived from soils.		Medium	Unlikely	Low	Acceptable	
	P3 Migration of hazardous gases/vapours via permeable strata into confined spaces (asphyxiation/explosion).		Medium	Unlikely	Low	Acceptable	
	P4 Spillage/loss/run off from surface direct to receiving water.	R3 Water Environment: Surface waters	Mild	Low	Low	Acceptable	
	P5 Lateral migration of impacted shallow groundwater towards surface water receptors.		Mild	Low	Low	Acceptable	
	P6 Leaching of chemicals and vertical migration via permeable unsaturated strata to shallow and/or deep groundwater.	R4 Water Environment: Superficial Aquifers	Mild	Low	Low	Acceptable	
P6 Leaching of chemicals and vertical migration via permeable unsaturated strata to shallow and/or deep groundwater.	R5 Water Environment: Bedrock Aquifers	Mild	Low	Low	Acceptable		

Source	Pathway	Receptor	Potential Severity	Likelihood of Occurrence	Potential Risk (R&D 66)	LCRM Risk Category	Justification
	P7 Vertical migration of impacted shallow groundwater to the deeper aquifer.		Mild	Low	Low	Acceptable	
	P8 Direct contact of buried concrete with contaminated soils (i.e. hydrocarbons) and aggressive ground conditions (pH and sulphate).	R6 Buildings & Infrastructure: Concrete foundations associated with buildings, solar PV, utilities services.	Mild	Unlikely	Very Low	Acceptable	
	P9 Direct contact of services and supply pipes with contaminated soils.		Mild	Unlikely	Very Low	Acceptable	
	P10 Migration of hazardous gases/vapours via permeable strata into enclosed spaces and service/utility trenches.		Medium	Unlikely	Low	Acceptable	
S5 Off Site Agricultural land and associated facilities Railway and sidings Potentially infilled land associated with historic quarries and pits Potential Made Ground associated with utilities (gas) infrastructure Former Sewage	P1 Direct contact, dermal absorption or ingestion of soil / water.	R1 Human Health (future users)	Medium	Unlikely	Low	Acceptable	The risk from off-site sources to on-site human receptors and infrastructure is considered to be very low to low. Risk to building infrastructure is considered to be very low/low.
	P2 Inhalation of soil particulates or soil vapour derived from soils.		Medium	Unlikely	Low	Acceptable	
	P3 Migration of hazardous gases/vapours via permeable strata into confined spaces (asphyxiation/explosion).		Medium	Unlikely	Low	Acceptable	
	P10 Migration of hazardous gases/vapours via permeable strata into enclosed spaces and service/utility trenches	R6 Buildings & Infrastructure: Concrete foundations associated with	Mild	Unlikely	Very Low	Acceptable	

Source	Pathway	Receptor	Potential Severity	Likelihood of Occurrence	Potential Risk (R&D 66)	LCRM Risk Category	Justification
works Former Brick Yard		buildings, solar PV, utilities services.					

8.4 Discussion of Acute Risk to Future Construction Workers & Off-Site Receptors.

- 8.4.1 AECOM understands that the Scheme works will be undertaken in compliance with Construction Design and Management (CDM) 2015 regulations.
- 8.4.2 Prior to work commencing, a health and safety risk assessment should be carried out by the appointed Principal Contractor / developed in accordance with current health and safety regulations. This assessment should cover potential risks to construction staff, permanent site staff and the local population. Based on the findings of this risk assessment, appropriate mitigation measures should be implemented during the construction period.
- 8.4.3 The greatest potential for generation of dust will be during the Site works and therefore dust generation should be kept to a minimum in accordance with general best practice, as outlined in, for example, 'Environmental Good Practice on Site', CIRIA Publication C692 to reduce this risk.
- 8.4.4 The risk to construction workers during the excavation and construction phases in terms of potential exposure to high concentrations of contaminants is considered to be low given the historic and current land uses identified at the Site. Should gross contamination be identified during the construction phase, then this may pose a potential acute risk to construction works. It is likely to be able to be effectively managed through good health and safety practices and protocols. Adoption of appropriate dust suppression techniques would also mitigate the degree of potential particulate migration off-site.

9. Conclusions

- 9.1.1 The following is a summary of the review of the information sources listed in Section 1.3.
- 9.1.2 The anticipated geology comprises localised Glaciofluvial deposits, Alluvium, Till-diamicton and Holme Pierrepont Sand and Gravel Member superficial deposits on approximately a third of the Site. The bedrock formations, expected to be underlying the Site are the Scunthorpe Mudstone Formation, Penarth and Mercia Mudstone Group.
- 9.1.3 The glaciofluvial, Alluvium, Holme Pierremont Member deposits, where present at the Site, are classified as a Secondary A aquifer. The Till aquifer is classified as a Secondary undifferentiated aquifer.
- 9.1.4 The bedrock deposits of the Scunthorpe and Mercia Mudstone groups are classified as Secondary B aquifers; the Penarth group is classified as a Secondary undifferentiated aquifer. The Secondary B aquifer is only occasionally provided cover by superficial deposits; the Secondary undifferentiated aquifer within the Penarth Group is at shallow depth in the southwestern portion of the Site.
- 9.1.5 Based on the review of historical maps, the Site has had a predominantly agricultural use with the exception of the railway line running through the centre of the Site. Sporadic other potential sources of contamination were identified within the Site boundaries and off-site, including several historical quarries, potentially infilled, potential Made Ground, gas infrastructure, former sewage works and a brick yard.
- 9.1.6 Given the Scheme, the sources identified and the nature of the likely exposure to existing human health receptors and that of the future users of the Site, the risk to human health is considered to be low. Risks to controlled waters has been identified to be low to moderate/low, considering the presence of numerous drains in the drainage network within the Site, which may also provide potential pathways to the River Till and River Trent.
- 9.1.7 Overall, the potential risks that have been identified have been assessed by the Preliminary Risk Assessment as being acceptable.
- 9.1.8 Therefore, the potential risks identified are not considered to pose a significant risk to the Scheme.

10. Recommendations

- 10.1.1 Although a low to moderate low risk has been identified, it would be prudent to undertake some limited intrusive ground investigation to confirm the findings of this assessment which may be included as part of any geotechnical scope of works. Investigation may be most relevant where there might be some ground disturbance required by the scheme. In undertaking an intrusive ground investigation, an assessment of the ground and groundwater profiles may be carried out and the geo-environmental and geotechnical risks associated with the Site made. This will allow for a quantitative risk assessment to be undertaken and a refined CSM to be developed in accordance with LCRM methodology and the requirements of a Tier 1, Stage 2 level of assessment. The investigation will allow for a more quantitative assessment as to whether any of the potential risks identified in this study are present and are of material concern to the Scheme.
- 10.1.2 Key objectives to be addressed by the investigation should include:
- Confirmation of the ground (and groundwater) conditions and validation of the CSM;
 - Chemical status of Made Ground and natural soils for the purpose of risk assessment to human health, groundwater and for preliminary waste classification (if required);
 - Chemical status of surface water and groundwater in order to determine risks to controlled waters as part of the construction works; and
 - Potential localised ground gas monitoring where there may be buildings close to known areas of infilled land.
- 10.1.3 Additional objectives of the investigation, depending on the final development proposals and if required may include:
- Identification of geotechnical design parameters for earthworks and preliminary foundation design (where required); and
 - Confirmation of infiltration characteristics for any drainage infrastructure which may be required.
- 10.1.4 The investigation should be designed with due consideration of the requirements of BS 10175:2011+A2 2017. However, due the size of the Site, consideration should be undertaken with regard to exploratory hole spacing requirements to provide a proportionate investigation for the limited contamination anticipated and the planned development proposed.
- 10.1.5 If geotechnical considerations are required such as understanding ground conditions for any foundation requirements, infrastructure, access roads etc, this part of the scope of the investigation should be designed with consideration of BS EN 1997-1:2004, BS EN 1997-2:2007 (Eurocode 7: Geotechnical Design – Parts 1 and 2) and BS 5930:2015+A1:2020.

- 10.1.6 If there is likely to be excavated soils associated with the Scheme construction and a planned re-use of that material within the Scheme design, a Materials Management Plan developed in accordance with the CL:AIRE Definition of Waste Development Industry Code of Practice may be a suitable framework to manage excavated materials for this project.

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- Ref 5 British Geological Survey, "Geoindex (onshore)," [Online].
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- Ref 13 AECOM Limited, "Gate Burton Energy Park - Environmental Impact Assessment Scoping Report," 2021.
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Annex A. – Photolog

Client Name: Low Carbon

Site Location: Gate Burton

Project No. 60664324

Photo No.
1

Date:
21/10/21

Direction Photo
Taken:

North

Description

Railway line, view from
Willingham Road



Photo No.
2

Date:
21/10/21

Direction Photo
Taken:

South

Description

View of Sort Hills Farm
from Willingham Road



Client Name: Low Carbon

Site Location: Gate Burton

Project No. 60664324

Photo No.
3

Date:
21/10/21

Direction Photo
Taken:

North

Description

Drain in the southern
portion of the Site



Photo No.
4

Date:
21/10/21

Direction Photo
Taken:

South

Description

Manure south of the Site



Client Name: Low Carbon

Site Location: Gate Burton

Project No. 60664324

Photo No.
5

Date:
21/10/21

Direction Photo
Taken:

North

Description

Nursery House



Photo No.
6

Date:
21/10/21

Direction Photo
Taken:

North

Description

Sandebus Farm



Client Name: Low Carbon

Site Location: Gate Burton

Project No. 60664324

Photo No.
7

Date:
21/10/21

Direction Photo
Taken:

North

Description

Sandebus Farm
warehouse and tank



Photo No.
8

Date:
21/10/21

Direction Photo
Taken:

North

Description

Central Park Farm, view
from Willingham Road



Client Name: Low Carbon

Site Location: Gate Burton

Project No. 60664324

Photo No.
9

Date:
21/10/21

Direction Photo
Taken:

North

Description

View of the Site from
Willingham Road



Photo No.
10

Date:
21/10/21

Direction Photo
Taken:

South

Description

View of fields south of the
Site, from Willingham
Road



Client Name: Low Carbon		Site Location: Gate Burton		Project No. 60664324
Photo No. 11	Date: 21/10/21			
Direction Photo Taken: East				
Description Gas pumping station southeast of the Site				

Photo No. 11	Date: 21/10/21			
Direction Photo Taken: East				
Description Gas pumping station southeast of the Site - sign				

Client Name: Low Carbon

Site Location: Gate Burton

Project No. 60664324

Photo No.
12

Date:
21/10/21

Direction Photo
Taken:

East

Description

Gas pumping station
southeast of the Site -
sign



Photo No.
13

Date:
21/10/21

Direction Photo
Taken:

West

Description

Fields South of the Site,
Cottam Power Station,
view from gas pumping
station



Client Name: Low Carbon

Site Location: Gate Burton

Project No. 60664324

Photo No.
14

Date:
21/10/21

Direction Photo
Taken:

North

Description

View of the
telecommunications
antenna from Willingham
Road



Photo No.
15

Date:
21/10/21

Direction Photo
Taken:

East

Description

Access to Clay Farm,
railway bridge



Client Name: Low Carbon

Site Location: Gate Burton

Project No. 60664324

Photo No.
16

Date:
21/10/21

Direction Photo
Taken:

North

Description

Fields adjacent to Clay
Farm bridge



Photo No.
17

Date:
21/10/21

Direction Photo
Taken:

East

Description

Clay Farm access road



Client Name: Low Carbon

Site Location: Gate Burton

Project No. 60664324

Photo No.
18

Date:
21/10/21

Direction Photo
Taken:

East

Description

Drain in proximity of
railway bridge and Clay
Farm



Photo No.
19

Date:
21/10/21

Direction Photo
Taken:

South

Description

Telecom antenna and
associated infrastructure



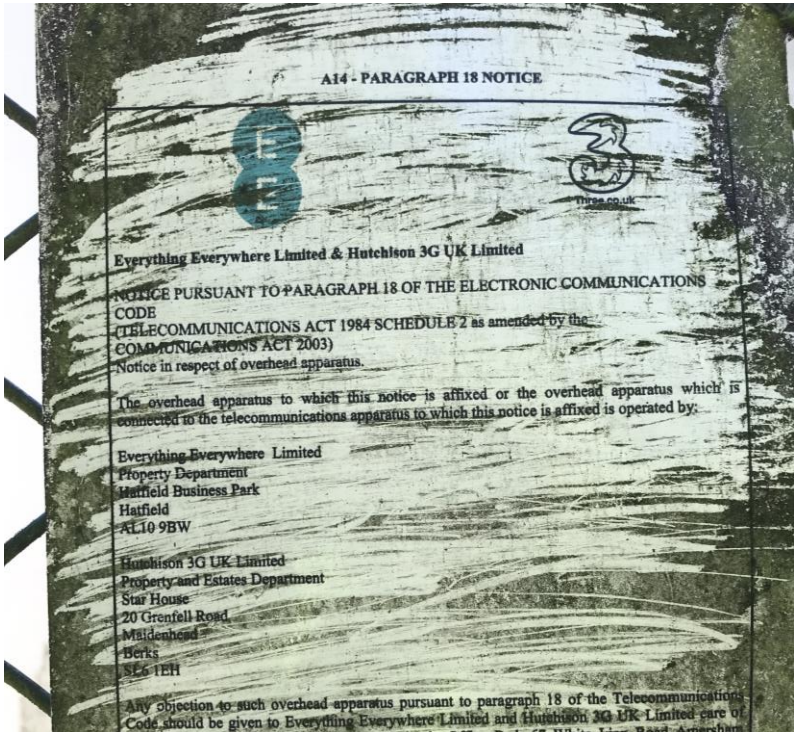
Client Name: Low Carbon		Site Location: Gate Burton	Project No. 60664324
Photo No. 20	Date: 21/10/21		
Direction Photo Taken: South			
Description Telecom antenna and associated infrastructure - sign			

Photo No. 21	Date: 21/10/21	
Direction Photo Taken: North		
Description Private land west of the Site in Gate Burton		

Client Name: Low Carbon

Site Location: Gate Burton

Project No. 60664324

Photo No.
22

Date:
21/10/21

Direction Photo
Taken:

North

Description

Residential properties in
Gate Burton



Photo No.
24

Date:
21/10/21

Direction Photo
Taken:

North

Description

Farm in Gate Burton



Client Name: Low Carbon

Site Location: Gate Burton

Project No. 60664324

Photo No.
23

Date:
21/10/21

Direction Photo
Taken:

South

Description

Residential properties in
Gate Burton



Photo No.
25

Date:
21/10/21

Direction Photo
Taken:

Northwest

Description

Woodland adjacent to the
northern boundary



Client Name: Low Carbon

Site Location: Gate Burton

Project No. 60664324

Photo No.
26

Date:
21/10/21

Direction Photo
Taken:

West

Description

Lea Marshes main drain



Photo No.
27

Date:
21/10/21

Direction Photo
Taken:

East

Description

Fields in the northern
portion of the Site, near
Stephenson's Hill Farm



Client Name: Low Carbon

Site Location: Gate Burton

Project No. 60664324

Photo No.
28

Date:
21/10/21

Direction Photo
Taken:

Northeast

Description

Stephenson's Hill Farm



Photo No.
29

Date:
21/10/21

Direction Photo
Taken:

Northeast

Description

Stephenson's Hill Farm



Client Name: Low Carbon

Site Location: Gate Burton

Project No. 60664324

Photo No.
30

Date:
21/10/21

Direction Photo
Taken:

South

Description

View of Central Park Farm



Photo No.
31

Date:
21/10/21

Direction Photo
Taken:

West

Description

Drain in the northwestern
portion of the Site



Client Name: Low Carbon

Site Location: Gate Burton

Project No. 60664324

Photo No.
32

Date:
22/10/22

Direction Photo
Taken:

West

Description

View of Park Farm from
Gainsborough Road



Annex B. EnviroCheck

General

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

Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
- ◆ Discharge Consent
- ▲ Enforcement or Prohibition Notice
- ▲ Integrated Pollution Control
- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Prevention and Control
- ▲ Local Authority Pollution Prevention and Control
- ▼ Local Authority Pollution Prevention and Control Enforcement
- Pollution Incident to Controlled Waters
- ▼ 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

Waste

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

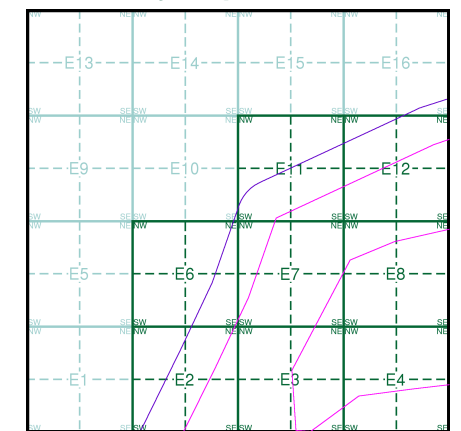
Geological

- ▼ BGS Recorded Mineral Site

Industrial Land Use

- ★ Contemporary Trade Directory Entry
- ★ Fuel Station Entry
- ✖ COMAH Site
- ✖ Explosive Site
- ✖ NIHS Site
- ✖ Planning Hazardous Substance Consent
- ✖ Planning Hazardous Substance Enforcement

Site Sensitivity Map - Slice E

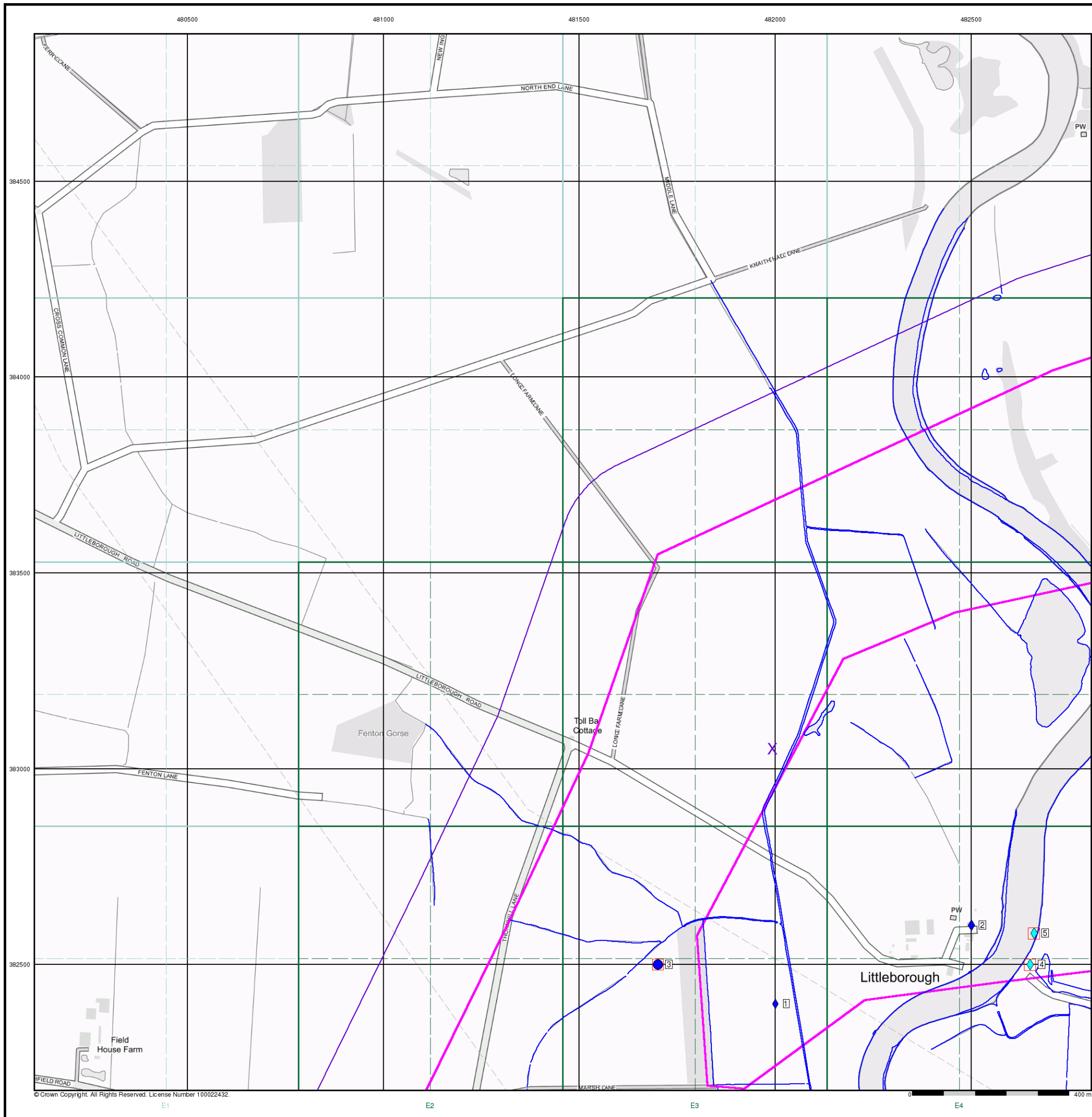


Order Details

Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 481990, 383050
 Slice: E
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

Site Details






Marton, GAINSBOROUGH, Lincolnshire, DN21 5AA









Industrial Land Use Map

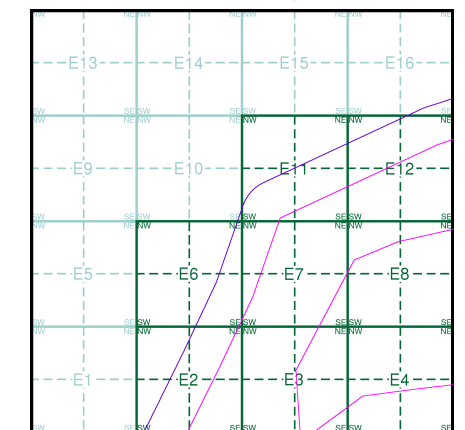
General

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

Industrial Land Use

-  Contemporary Trade Directory Entry
-  Fuel Station Entry
-  Gas Pipeline
-  Underground Electrical Cables

Industrial Land Use Map - Slice E



Order Details

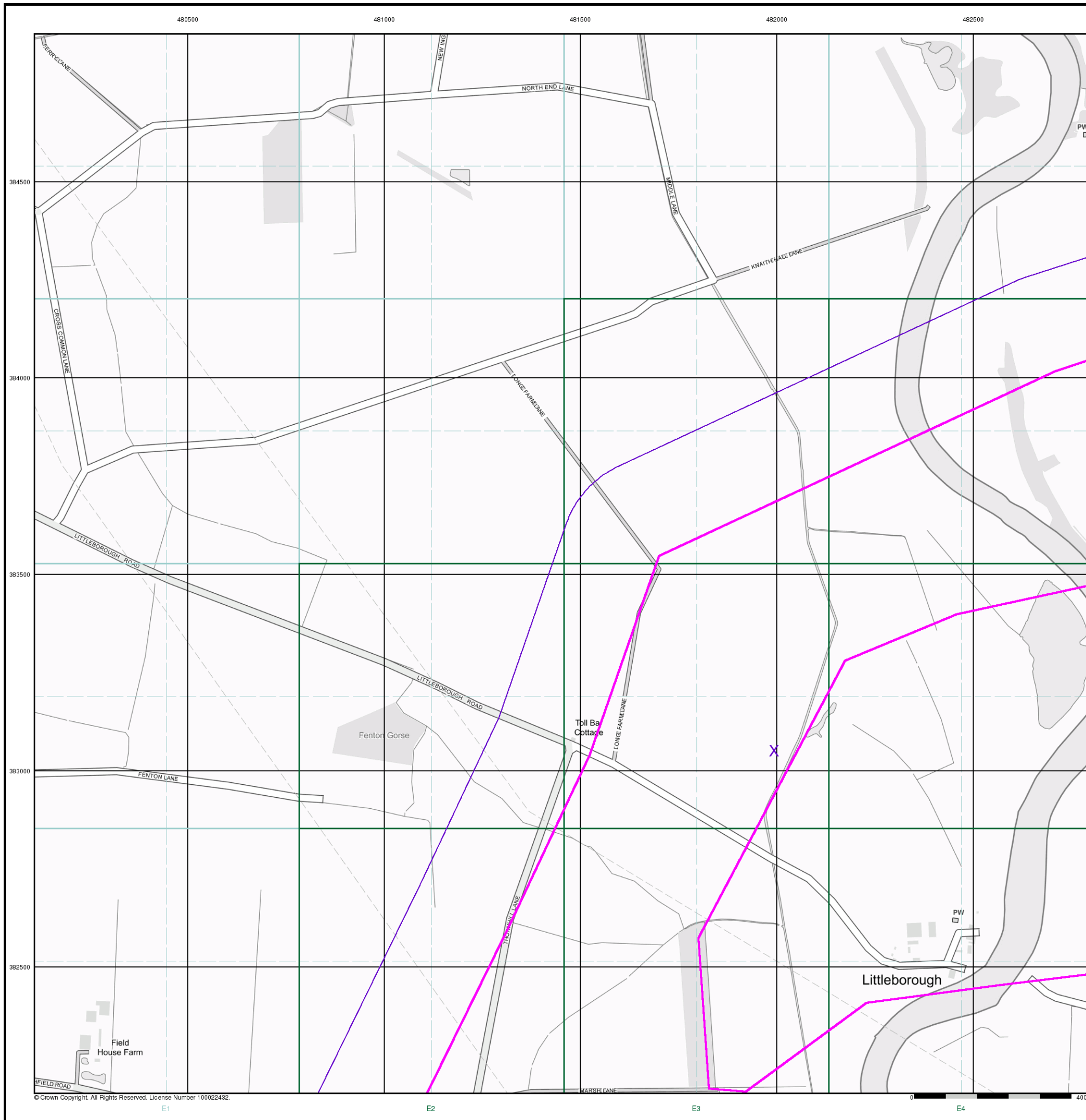
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 Customer Ref: 60664324
 National Grid Reference: 481990, 383050
 Slice: E
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

Site Details

Marton, GAINSBOROUGH, Lincolnshire, DN21 5AA



Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: (REDACTED)





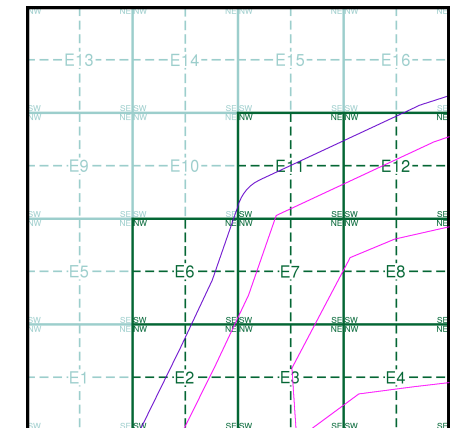
General

- 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 E



Order Details

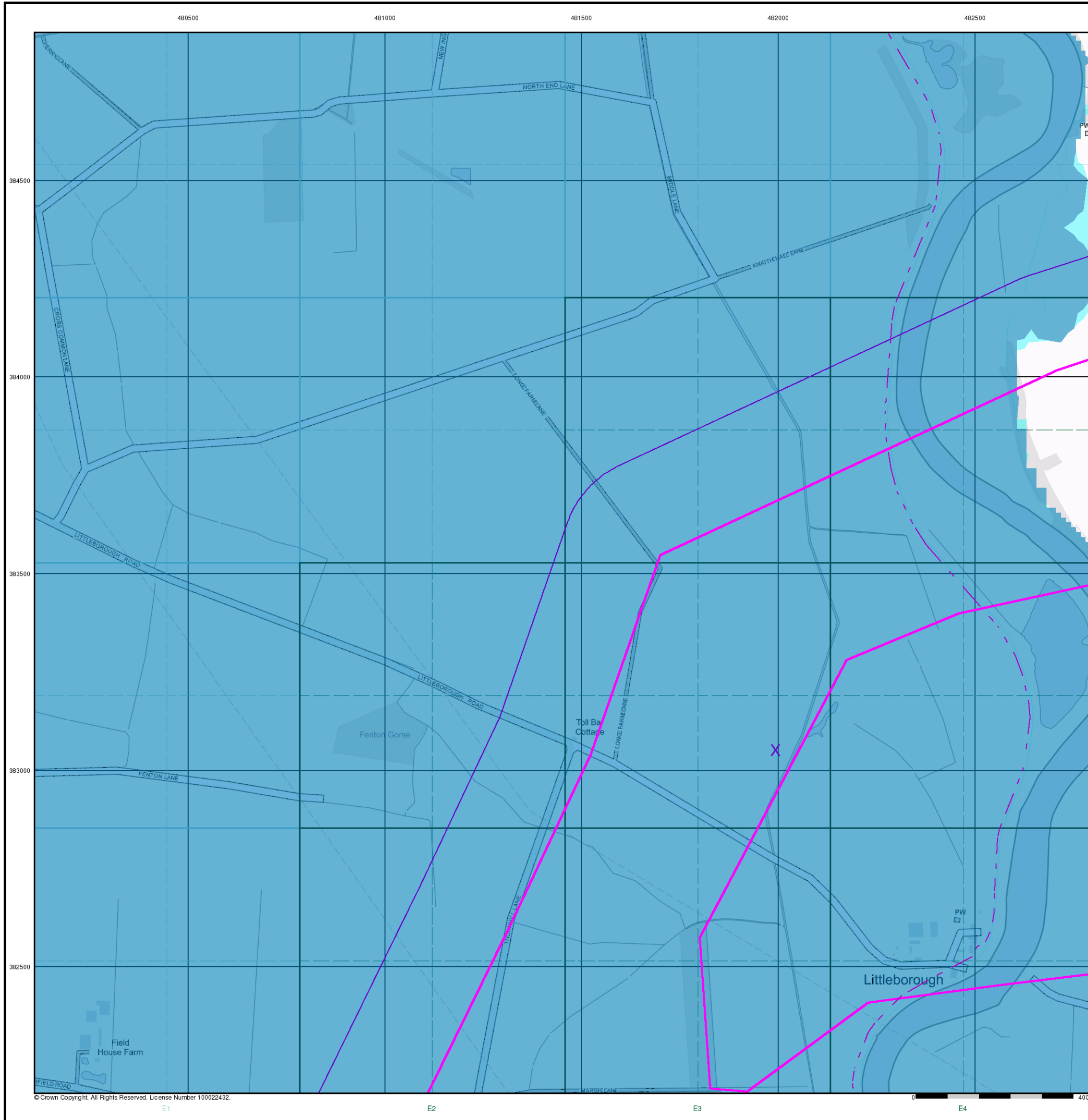
Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 481990, 383050
 Slice: E
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

Site Details

Marion, GAINSBOROUGH, Lincolnshire, DN21 5AA



Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: (REDACTED)



General

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

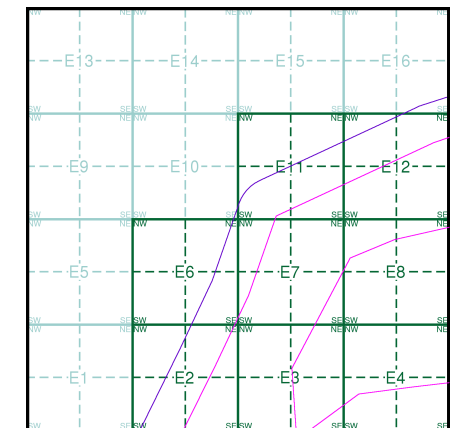
Agency and Hydrological (Boreholes)

- 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 (REDACTED).

Borehole Map - Slice E

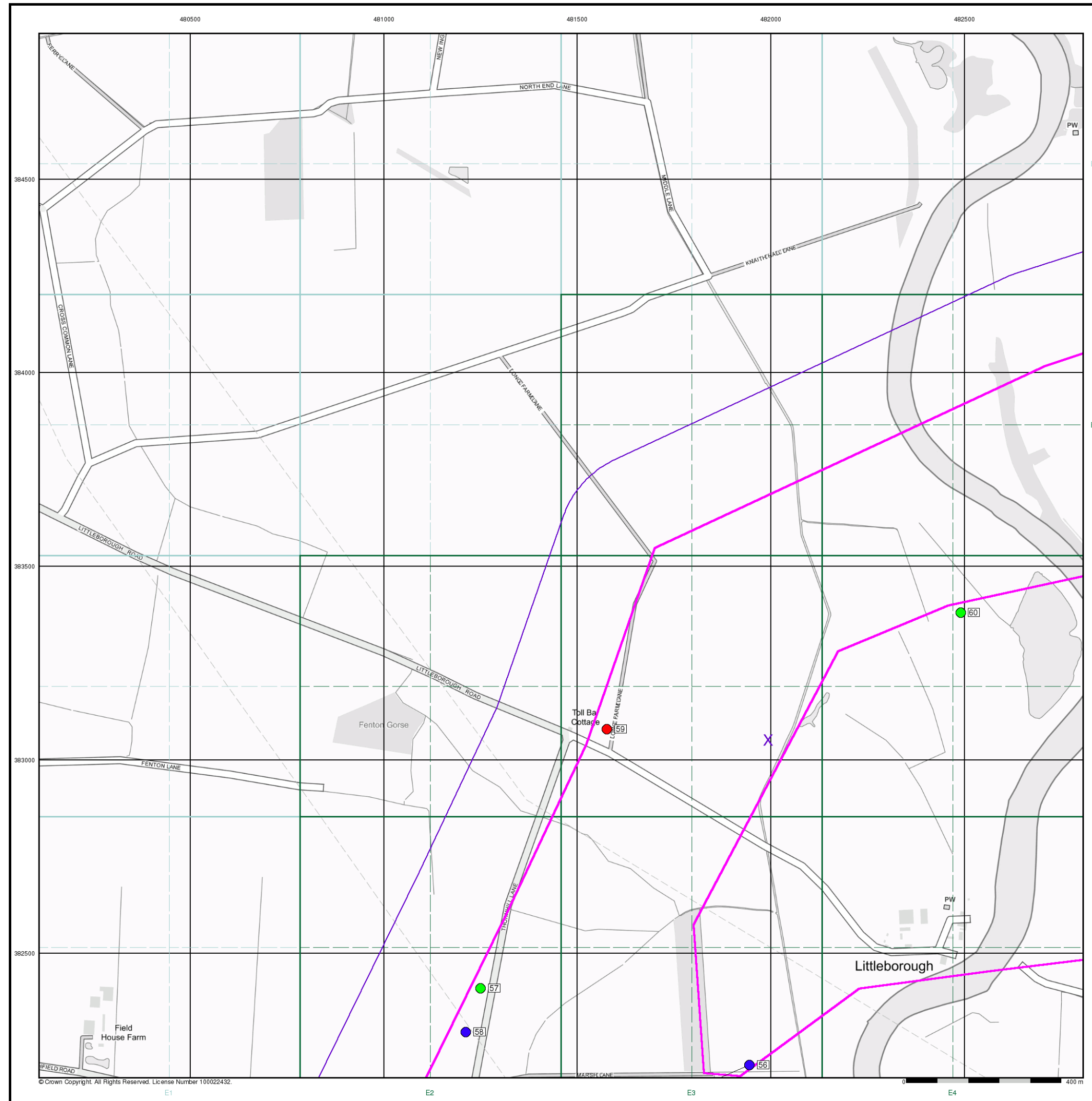


Order Details

Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 481990, 383050
 Slice: E
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

Site Details

Marton, GAINSBOROUGH, Lincolnshire, DN21 5AA



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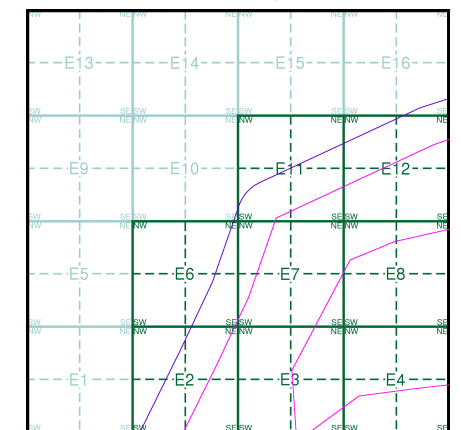
General

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

OS Water Network Data

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

OS Water Network Map - Slice E



Order Details

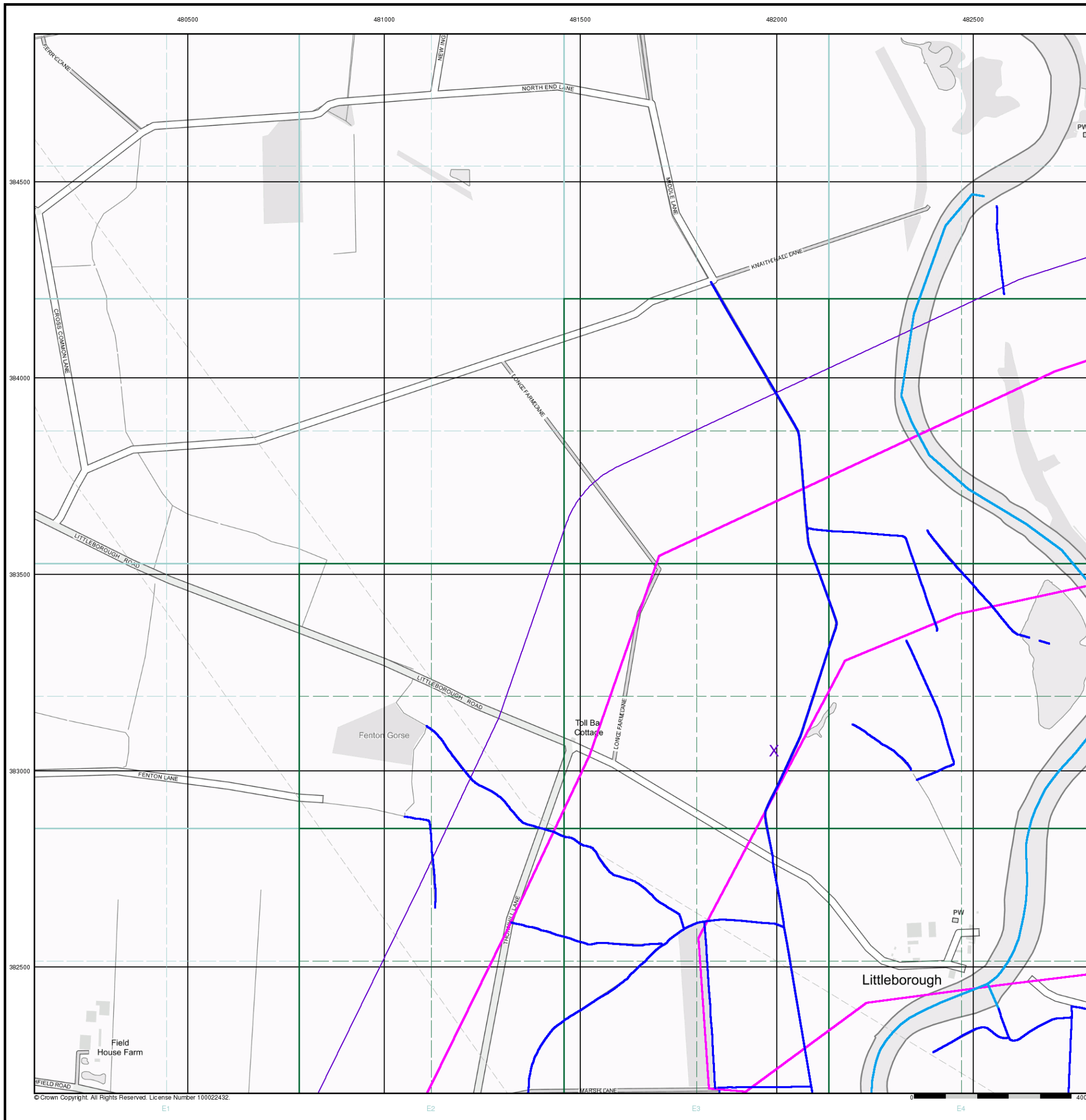
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 Search Buffer (m): 250

Site Details

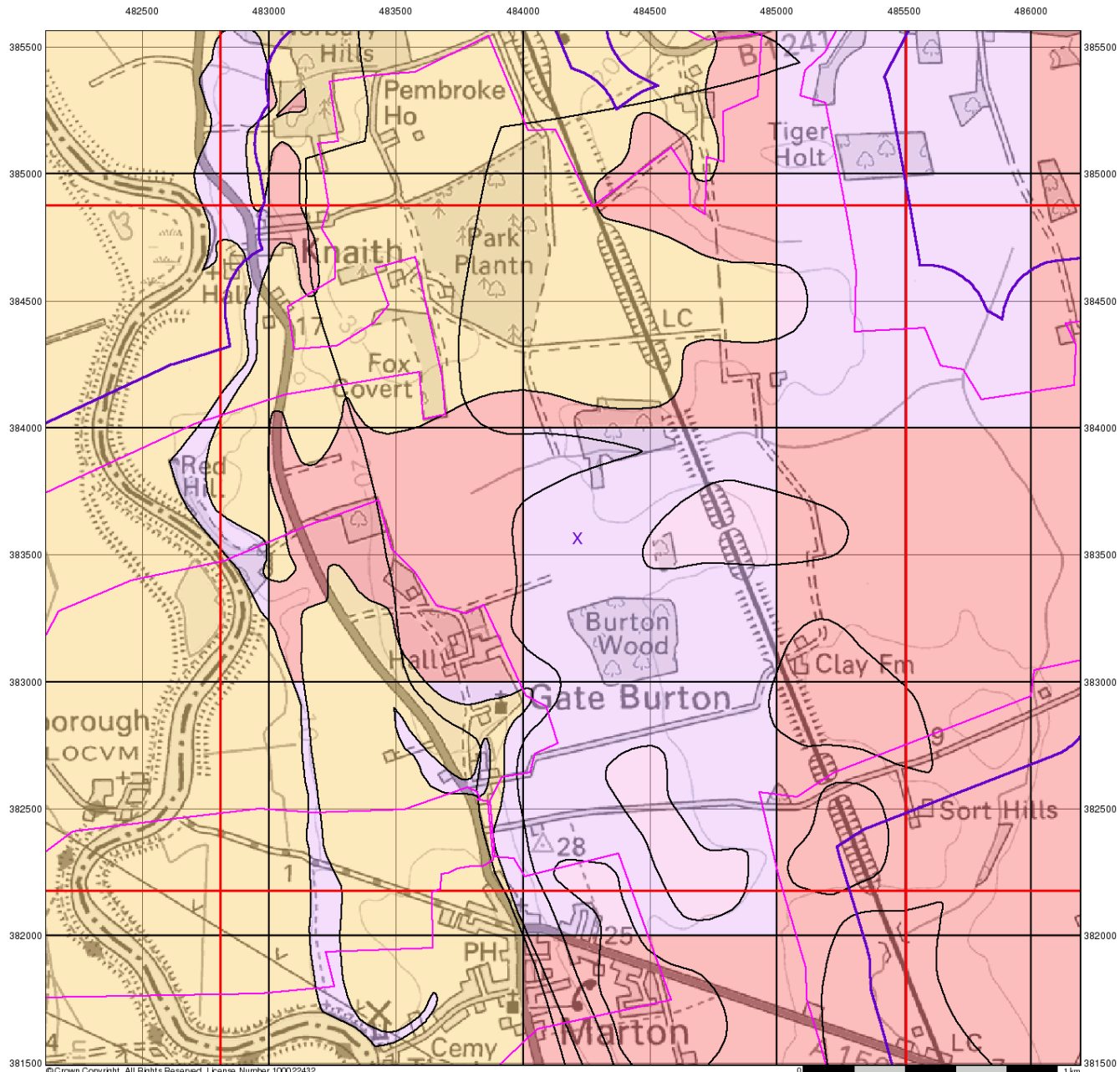
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Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: (REDACTED)



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Groundwater Vulnerability

General

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

Agency and Hydrological

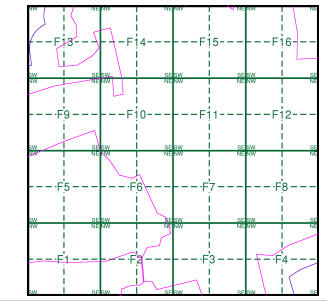
Bedrock Aquifers

- 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 F



Order Details

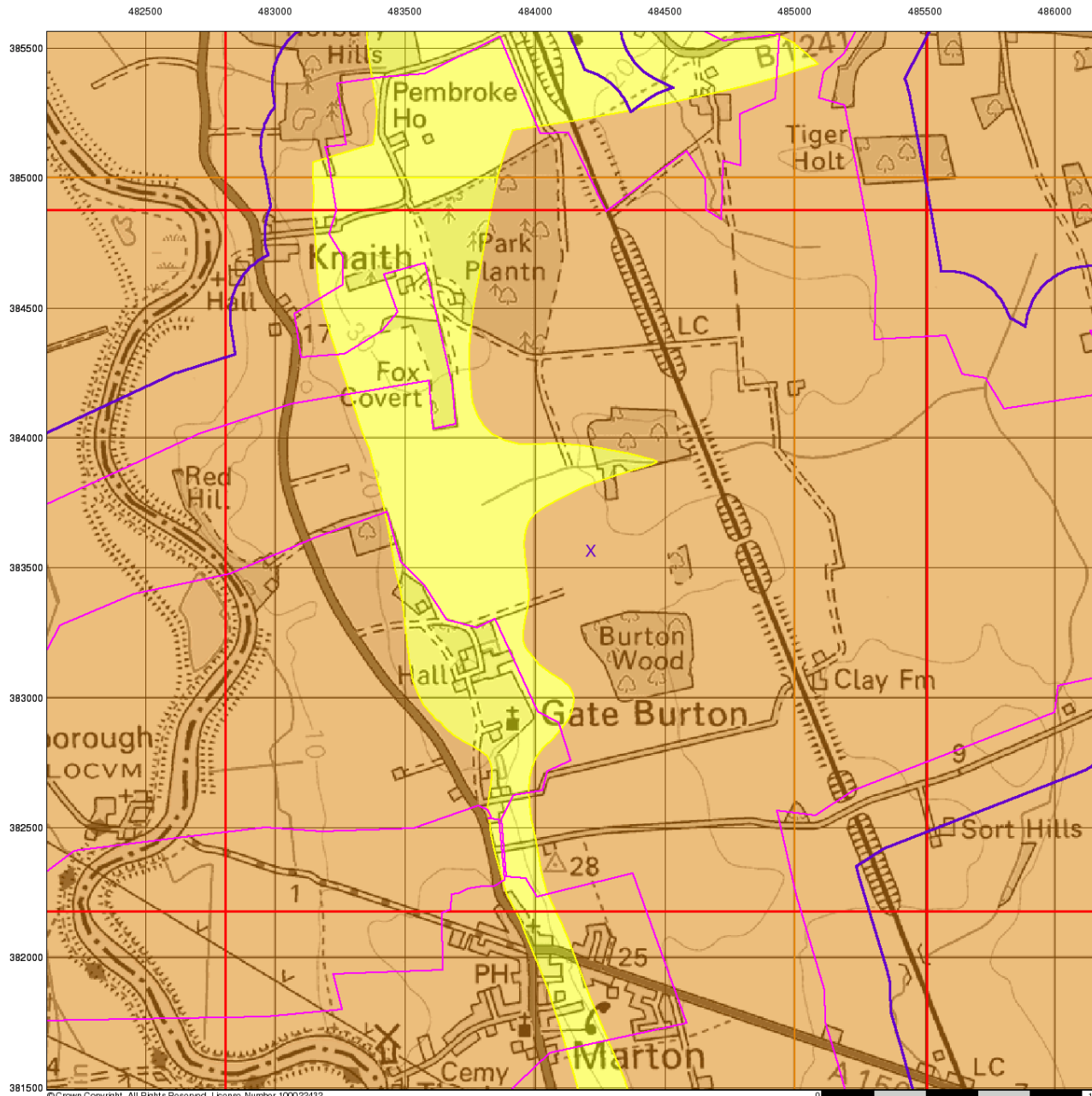
Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 484220, 383570
 Slice: F
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

Site Details

Marton, GAINSBOROUGH, Lincolnshire, DN21 5AA



Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: (REDACTED)



Bedrock Aquifer Designation

General

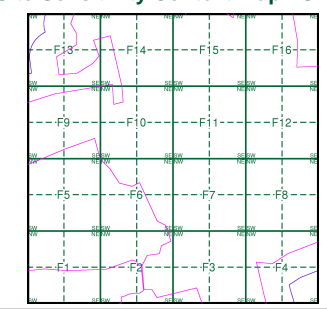
- ▭ Specified Site
- ▭ Specified Buffer(s)
- X Bearing Reference Point
- ▭ Slice
- B Map ID

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 F



Order Details

Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 484220, 383570
 Slice: F
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

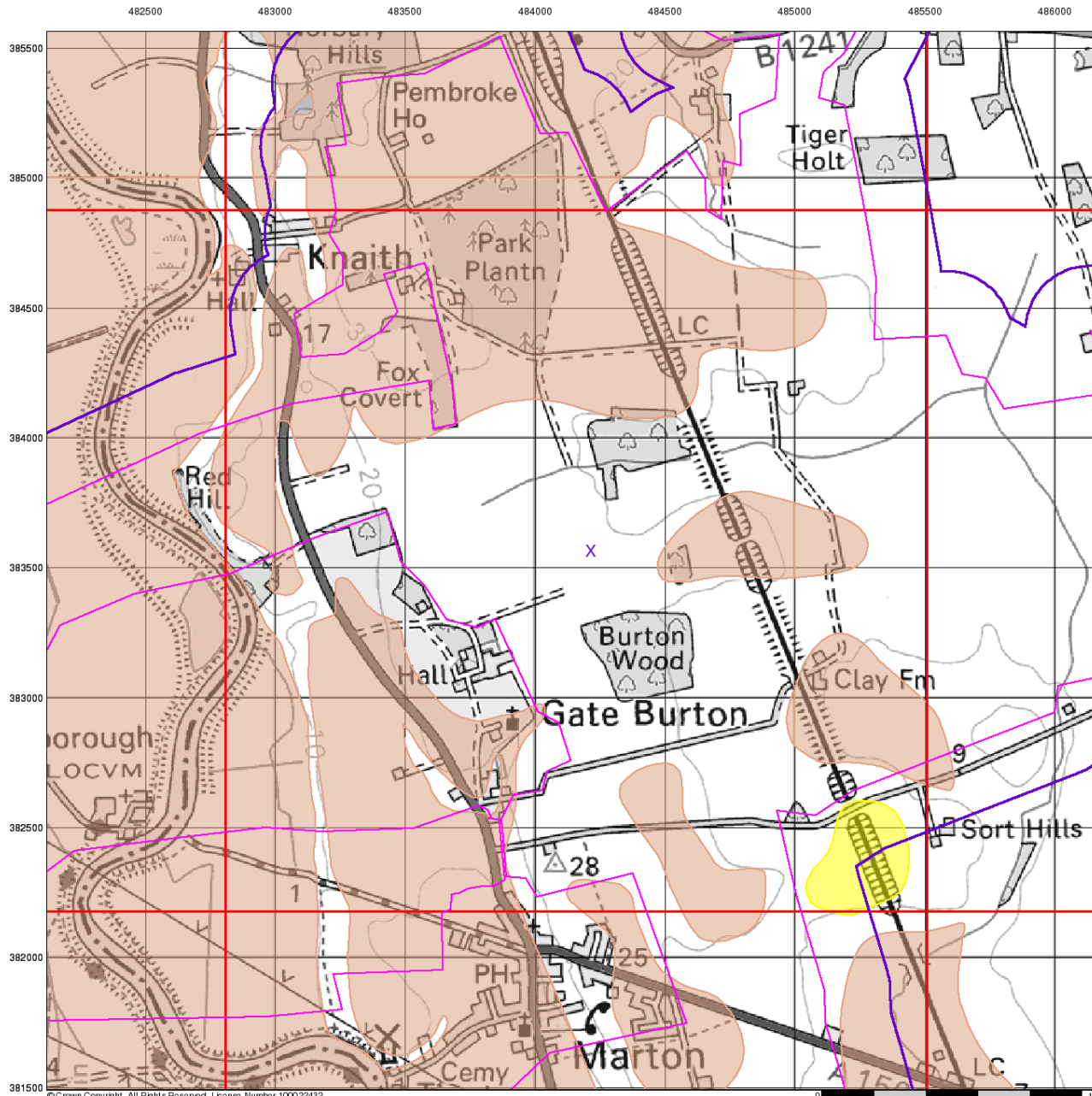
Site Details

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Superficial Aquifer Designation

General

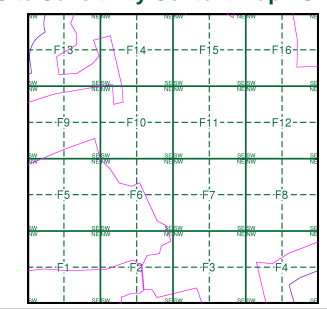
- ▭ Specified Site
- ▭ Specified Buffer(s)
- X Bearing Reference Point
- ▭ Slice
- B Map ID

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 F



Order Details

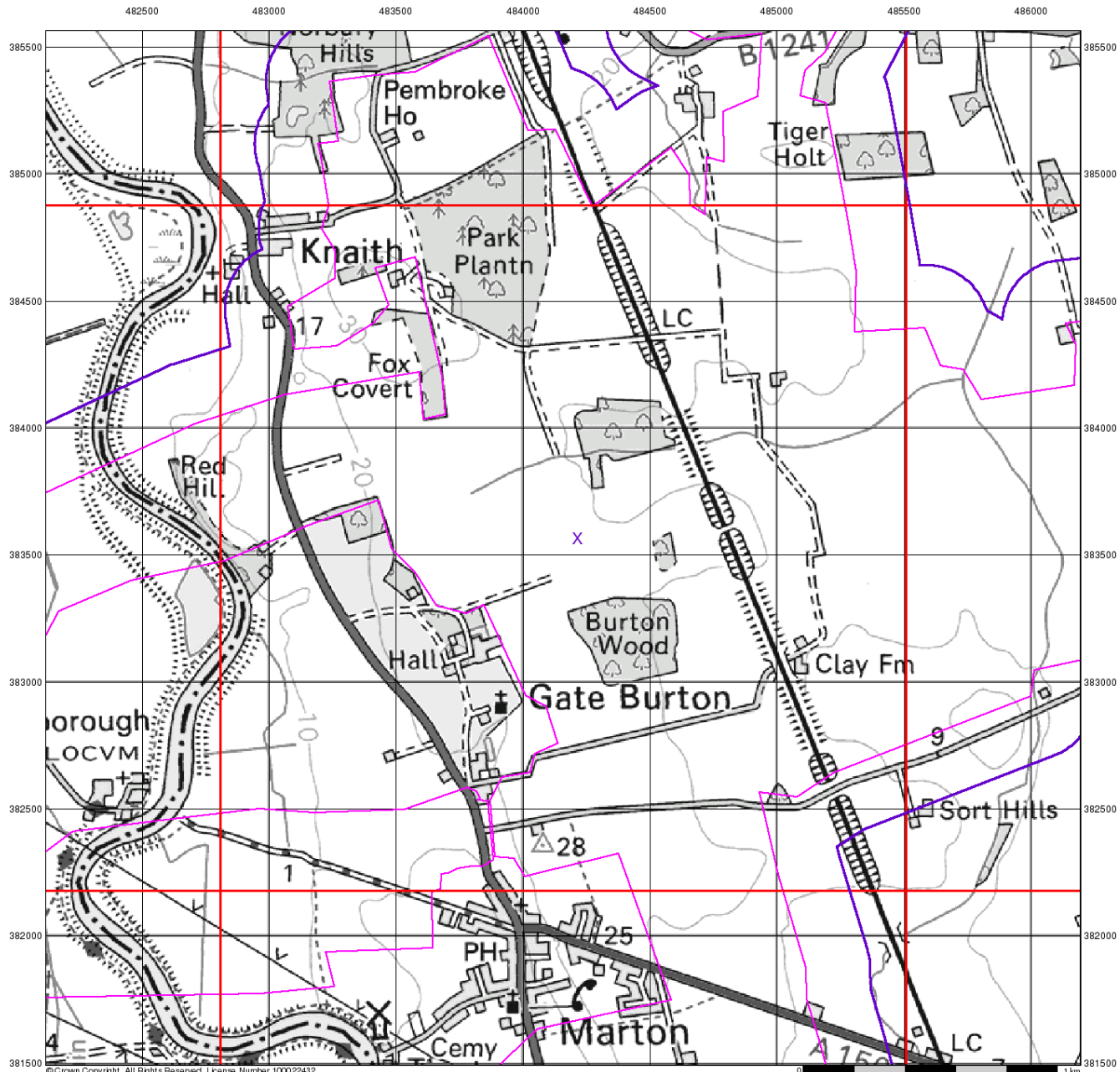
Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 484220, 383570
 Slice: F
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

Site Details

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Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: (REDACTED)



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Source Protection Zones

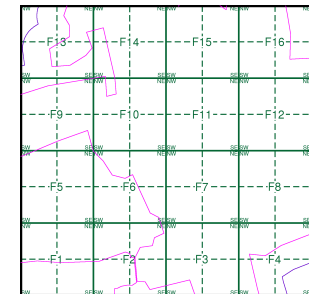
General

- ▬ Specified Site
- ▬ Specified Buffer(s)
- X Bearing Reference Point
- Slice
- B 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 F



Order Details

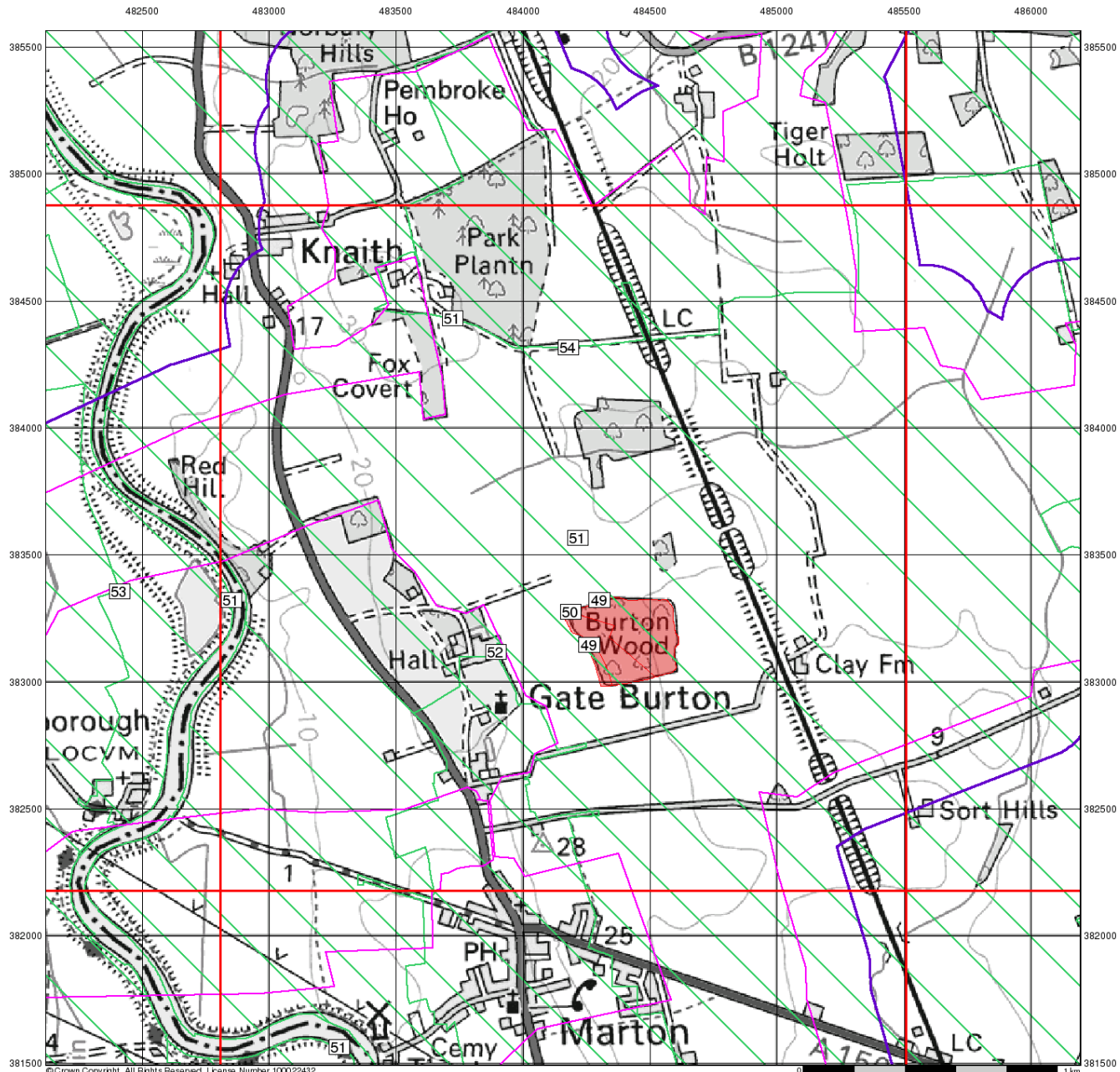
Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 484220, 383570
 Slice: F
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

Site Details

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Sensitive Land Uses

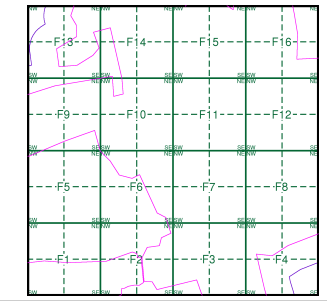
General

- 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 F



Order Details

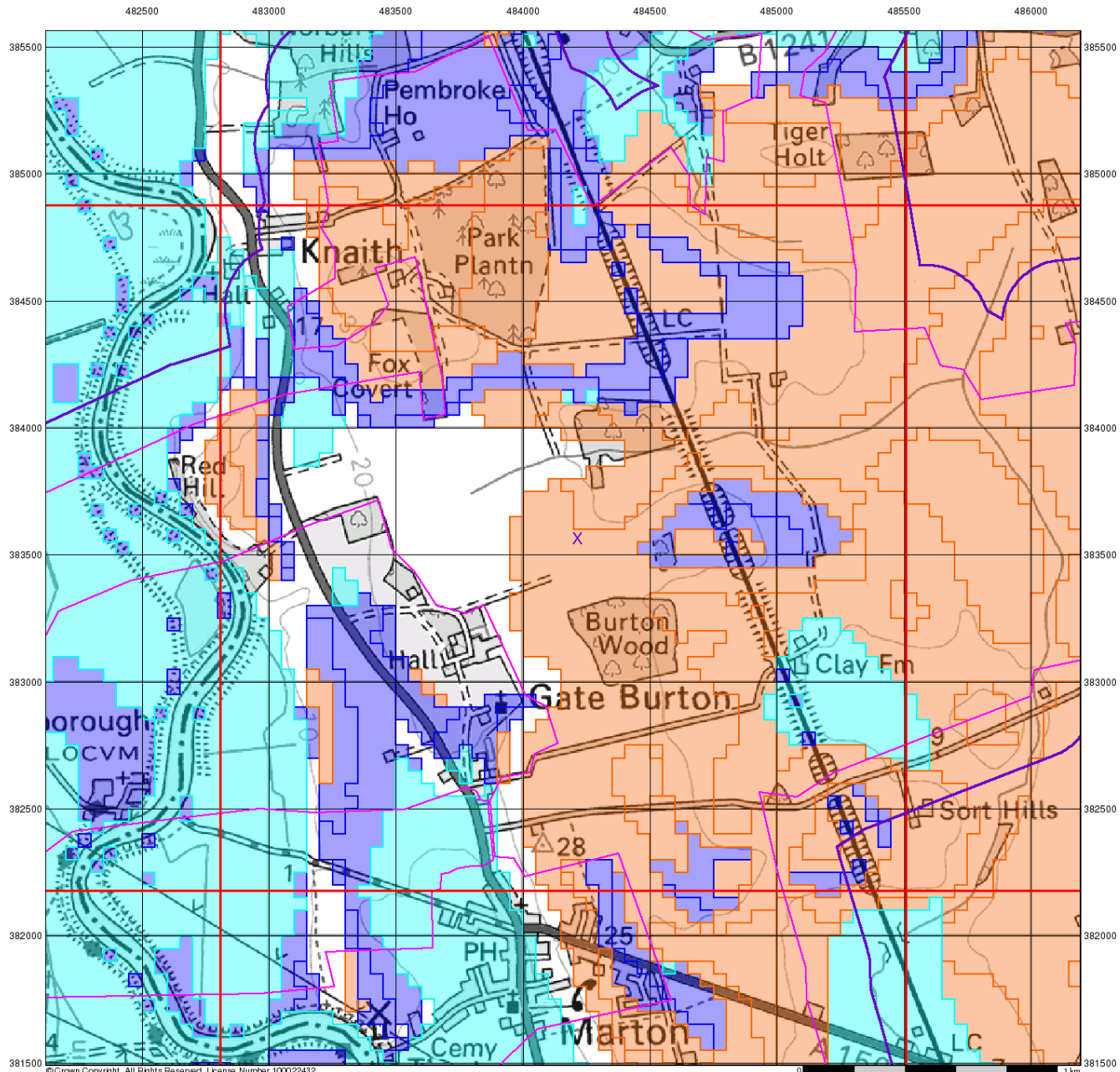
Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 484220, 383570
 Slice: F
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

Site Details

Marton, GAINSBOROUGH, Lincolnshire, DN21 5AA



Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: (REDACTED)



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BGS Flood GFS Data

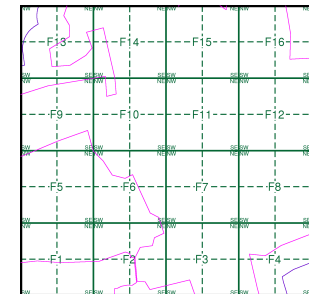
General

- 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 F



Order Details

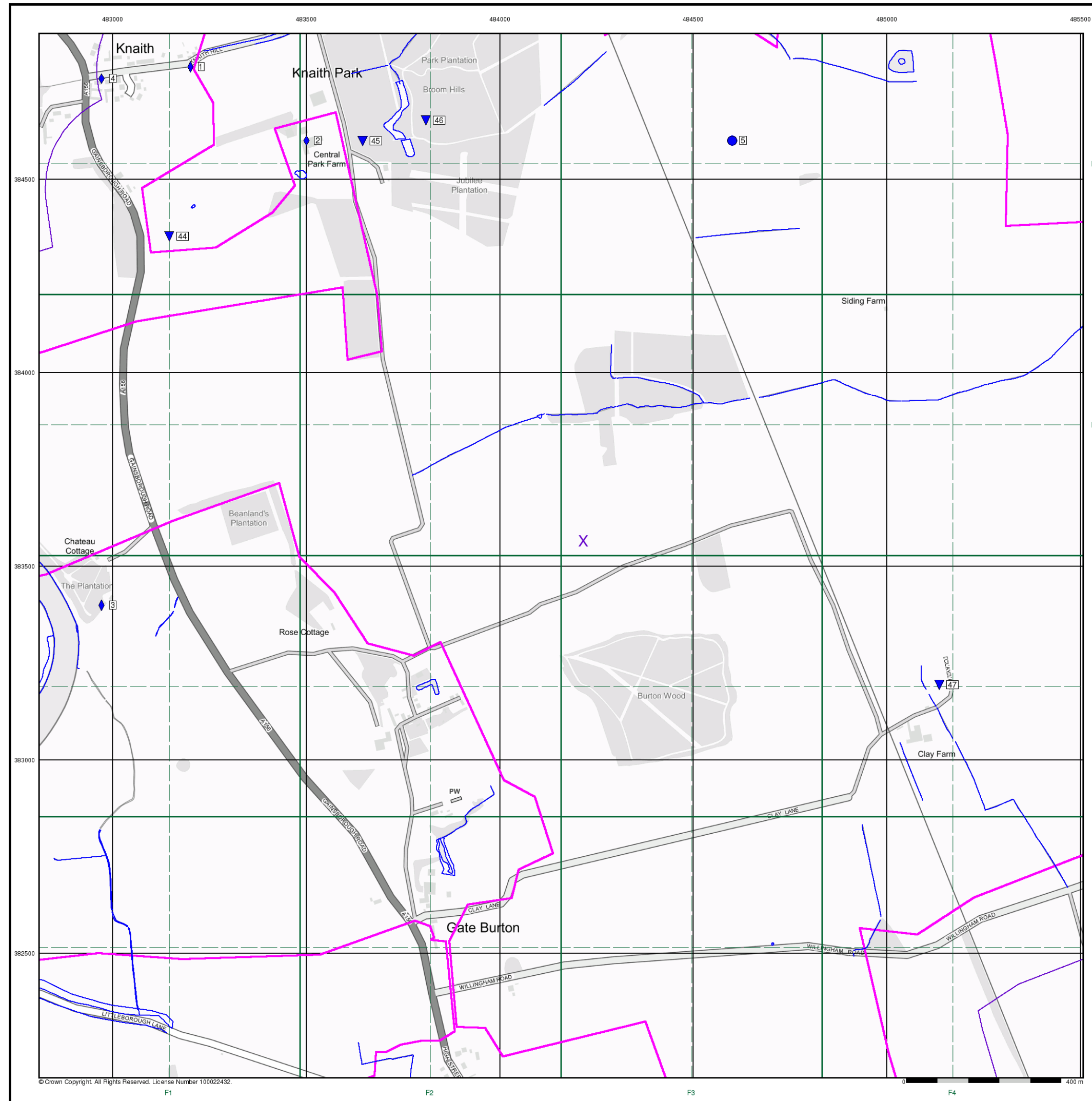
Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 484220, 383570
 Slice: F
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

Site Details

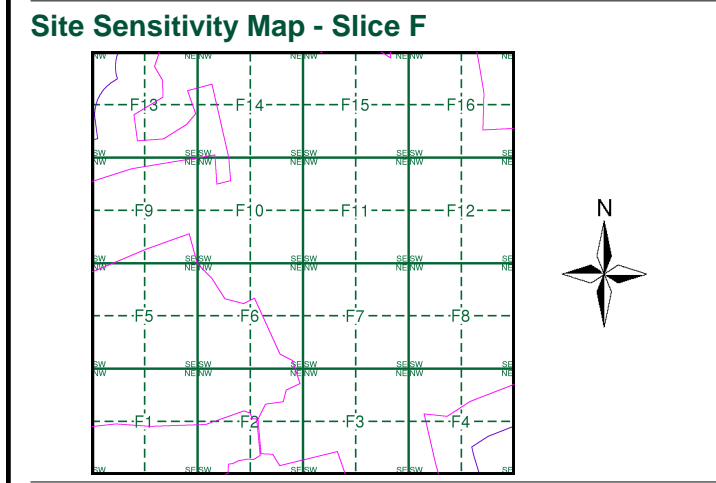
Marton, GAINSBOROUGH, Lincolnshire, DN21 5AA



Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: (REDACTED)



- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
 - Several of Type at Location
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
 - Contaminated Land Register Entry or Notice
 - Discharge Consent
 - Enforcement or Prohibition Notice
 - Integrated Pollution Control
 - Integrated Pollution Prevention Control
 - Local Authority Integrated Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control Enforcement
 - Pollution Incident to Controlled Waters
 - 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
- Waste**
- BGS Recorded Landfill Site (Location)
 - BGS Recorded Landfill Site
 - EA Historic Landfill (Buffered Point)
 - EA Historic Landfill (Polygon)
 - Integrated Pollution Control Registered Waste Site
 - Licensed Waste Management Facility (Landfill Boundary)
 - Licensed Waste Management Facility (Location)
 - Local Authority Recorded Landfill Site (Location)
 - Local Authority Recorded Landfill Site
 - Registered Landfill Site
 - Registered Landfill Site (Location)
 - Registered Landfill Site (Point Buffered to 100m)
 - Registered Landfill Site (Point Buffered to 250m)
 - Registered Waste Transfer Site (Location)
 - Registered Waste Transfer Site
 - Registered Waste Treatment or Disposal Site (Location)
 - Registered Waste Treatment or Disposal Site
- Hazardous Substances**
- COMAH Site
 - Explosive Site
 - NIHHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
- Geological**
- BGS Recorded Mineral Site
- Industrial Land Use**
- Contemporary Trade Directory Entry
 - Fuel Station Entry



Order Details

Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 484220, 383570
 Slice: F
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

Site Details
 Marton, GAINSBOROUGH, Lincolnshire, DN21 5AA






Landmark
 INFORMATION GROUP

Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: (REDACTED)







Industrial Land Use Map

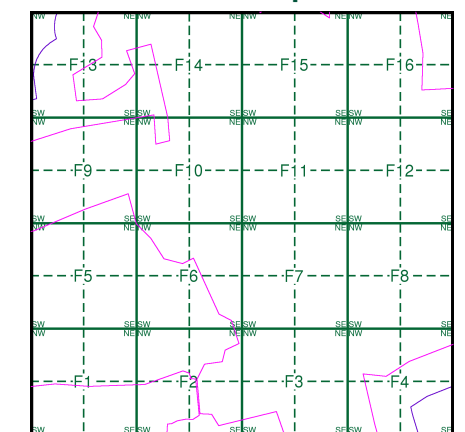
General

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

Industrial Land Use

-  Contemporary Trade Directory Entry
-  Fuel Station Entry
-  Gas Pipeline
-  Underground Electrical Cables

Industrial Land Use Map - Slice F



Order Details

Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 484220, 383570
 Slice: F
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

Site Details

Marton, GAINSBOROUGH, Lincolnshire, DN21 5AA



Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: (REDACTED)



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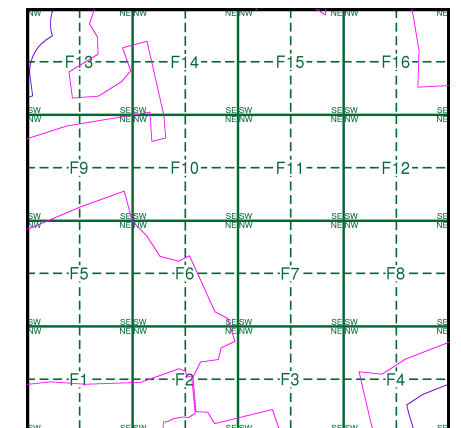
General

- 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 F



Order Details

Order Number: 286968913_1_1
Customer Ref: 60664324
National Grid Reference: 484220, 383570
Slice: F
Site Area (Ha): 1658.81
Search Buffer (m): 250

Site Details

Marton, GAINSBOROUGH, Lincolnshire, DN21 5AA



Tel: 0844 844 9952
Fax: 0844 844 9951
Web: (REDACTED)



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General

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

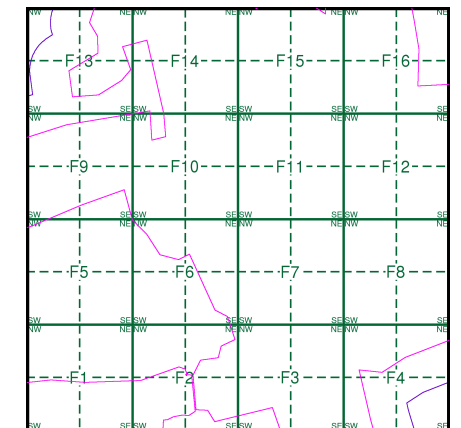
Agency and Hydrological (Boreholes)

- 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 (REDACTED).

Borehole Map - Slice F



Order Details

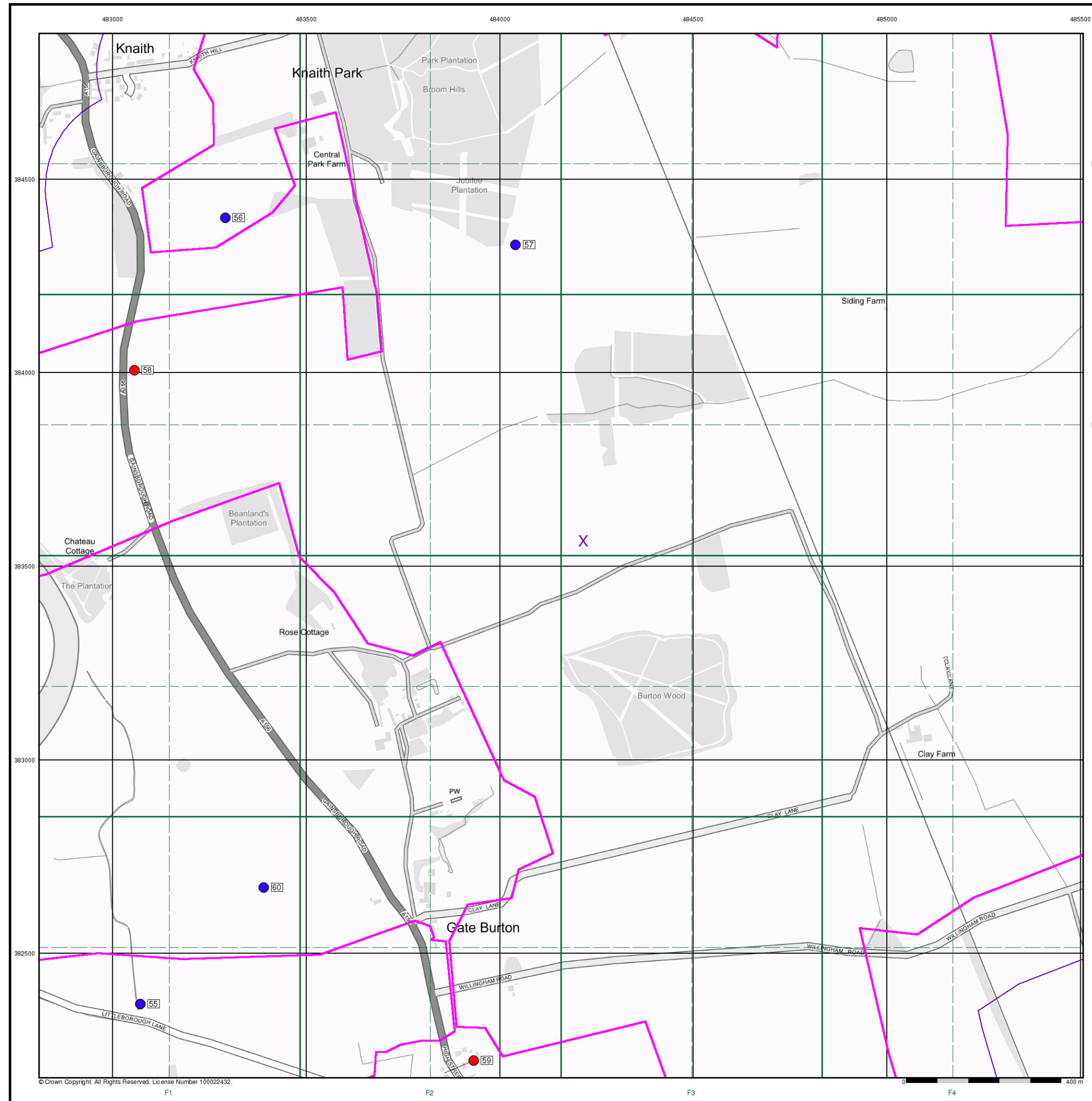
Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 484220, 383570
 Slice: F
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

Site Details

Marton, GAINSBOROUGH, Lincolnshire, DN21 5AA



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 Web: (REDACTED)



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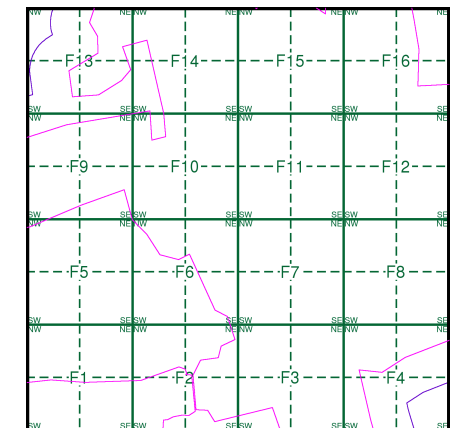
General

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

OS Water Network Data

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

OS Water Network Map - Slice F



Order Details

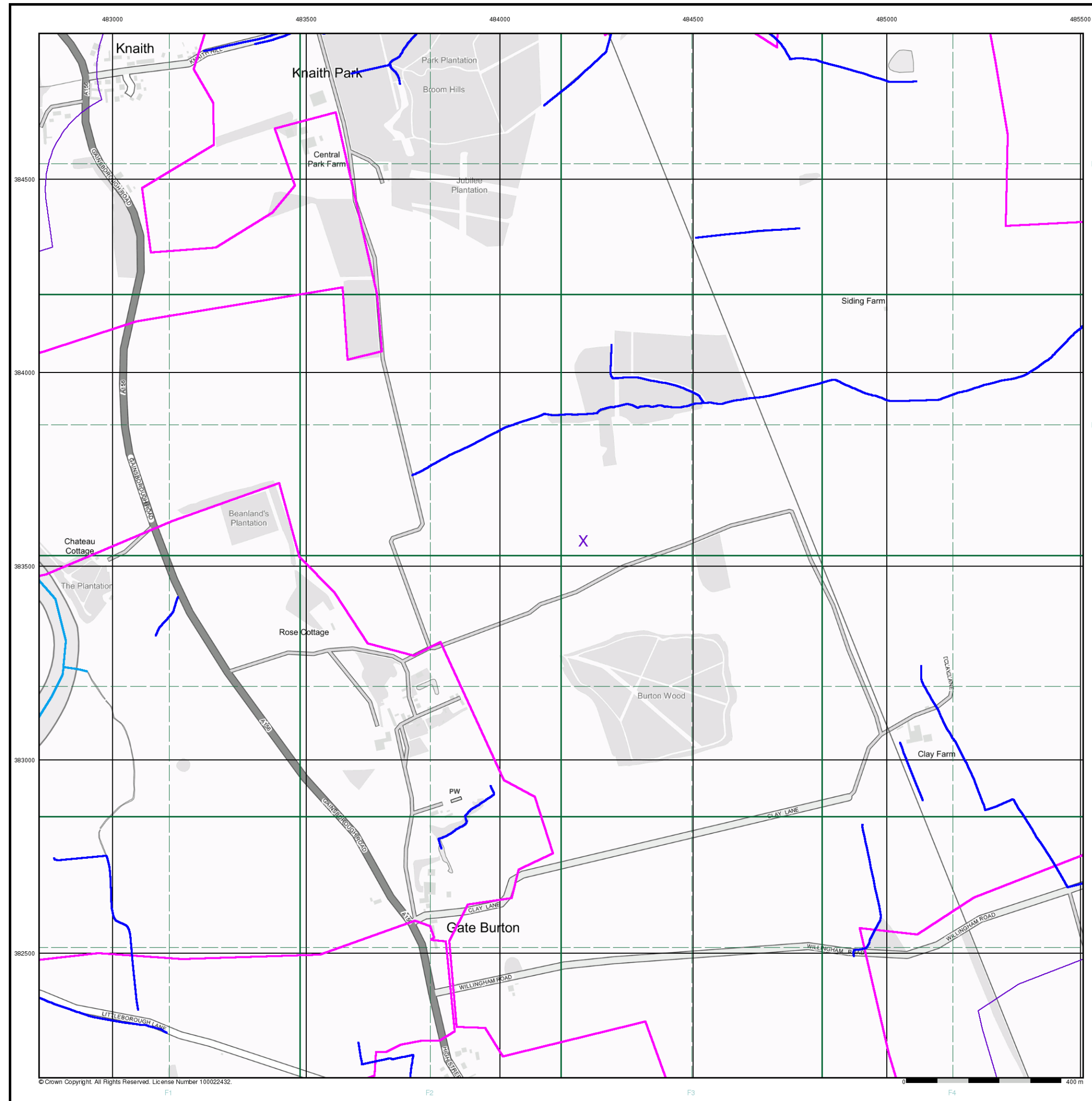
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Customer Ref: 60664324
National Grid Reference: 484220, 383570
Slice: F
Site Area (Ha): 1658.81
Search Buffer (m): 250

Site Details

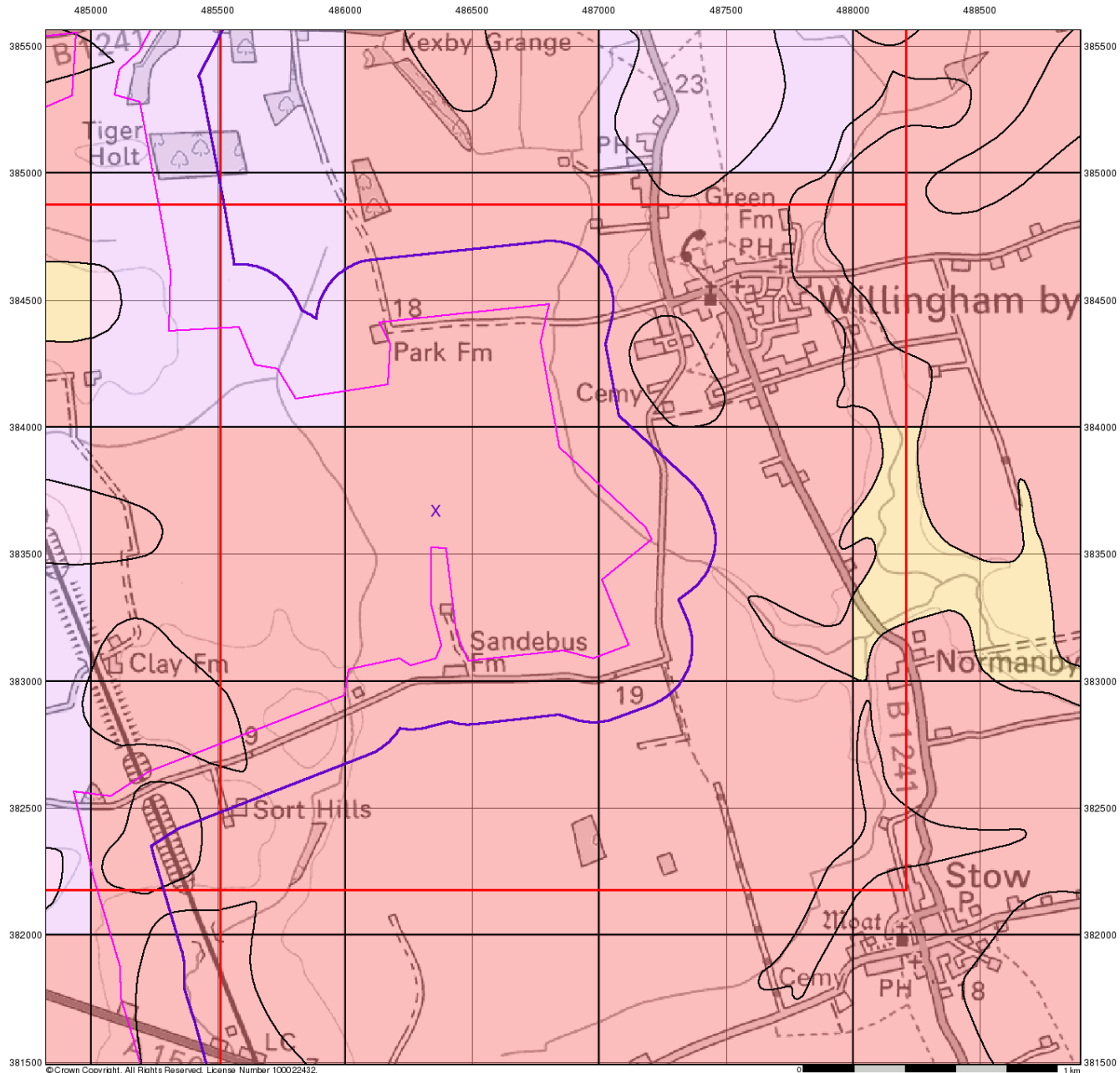
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Tel: 0844 844 9952
Fax: 0844 844 9951
Web: (REDACTED)



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Groundwater Vulnerability

General

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

Agency and Hydrological

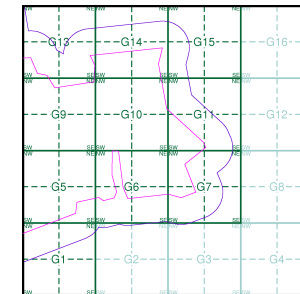
Bedrock Aquifers

- ▭ 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 G



Order Details

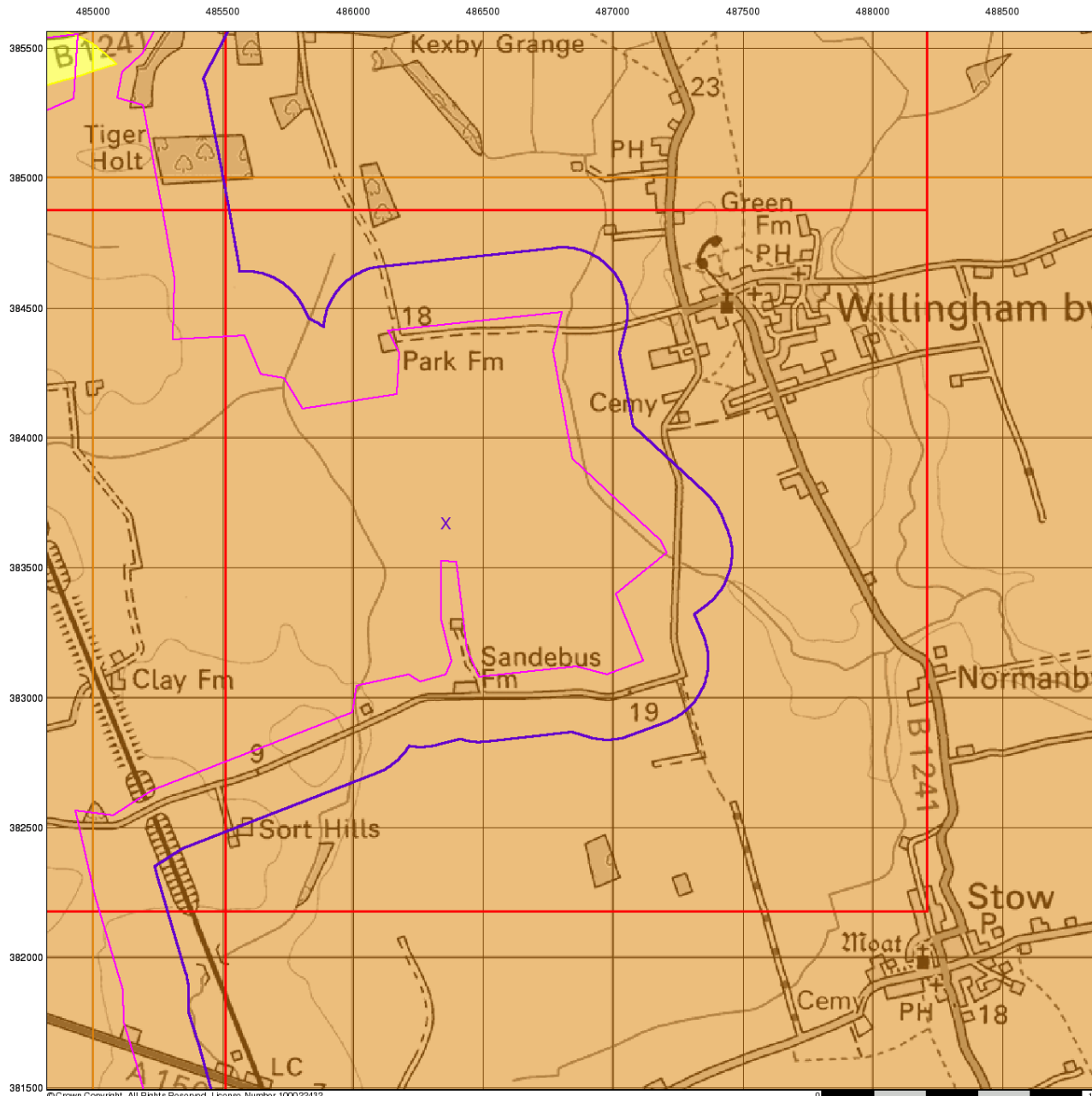
Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 486360, 383670
 Slice: G
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

Site Details

Marton, GAINSBOROUGH, Lincolnshire, DN21 5AA



Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: (REDACTED)



Bedrock Aquifer Designation

General

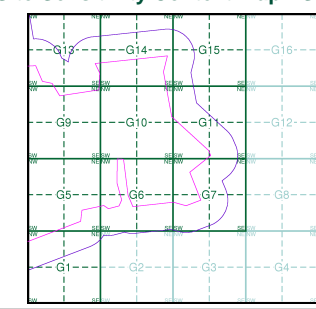
- ▭ Specified Site
- ▭ Specified Buffer(s)
- X Bearing Reference Point
- ▭ Slice
- B Map ID

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 G



Order Details

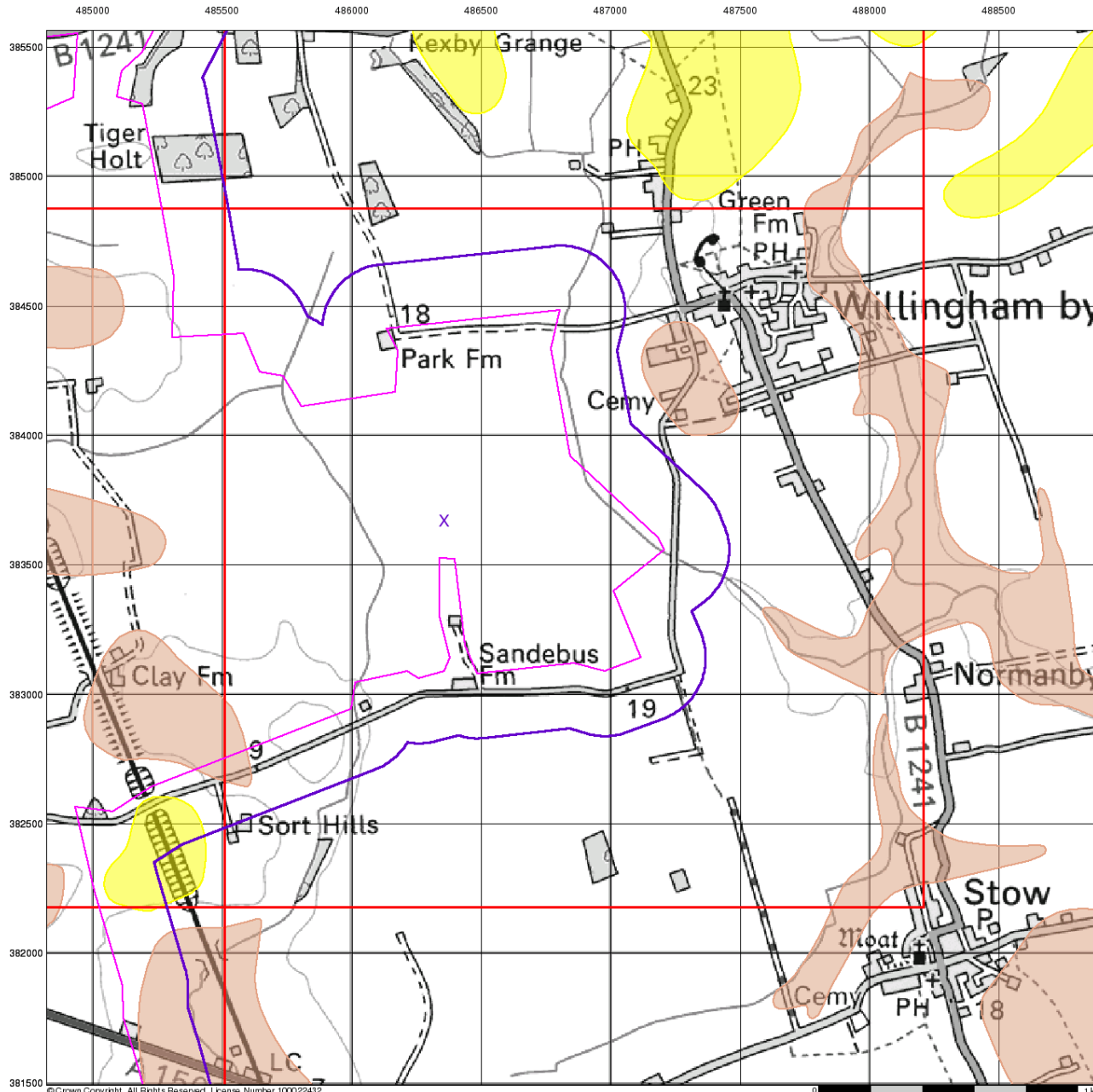
Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 486360, 383670
 Slice: G
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

Site Details

Marton, GAINSBOROUGH, Lincolnshire, DN21 5AA



Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: (REDACTED)



Superficial Aquifer Designation

General

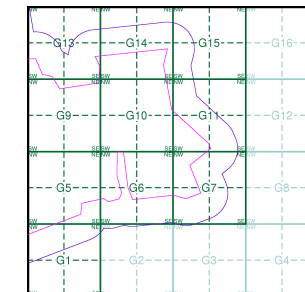
- ▭ Specified Site
- ▭ Specified Buffer(s)
- X Bearing Reference Point
- ▭ Slice
- B Map ID

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 G



Order Details

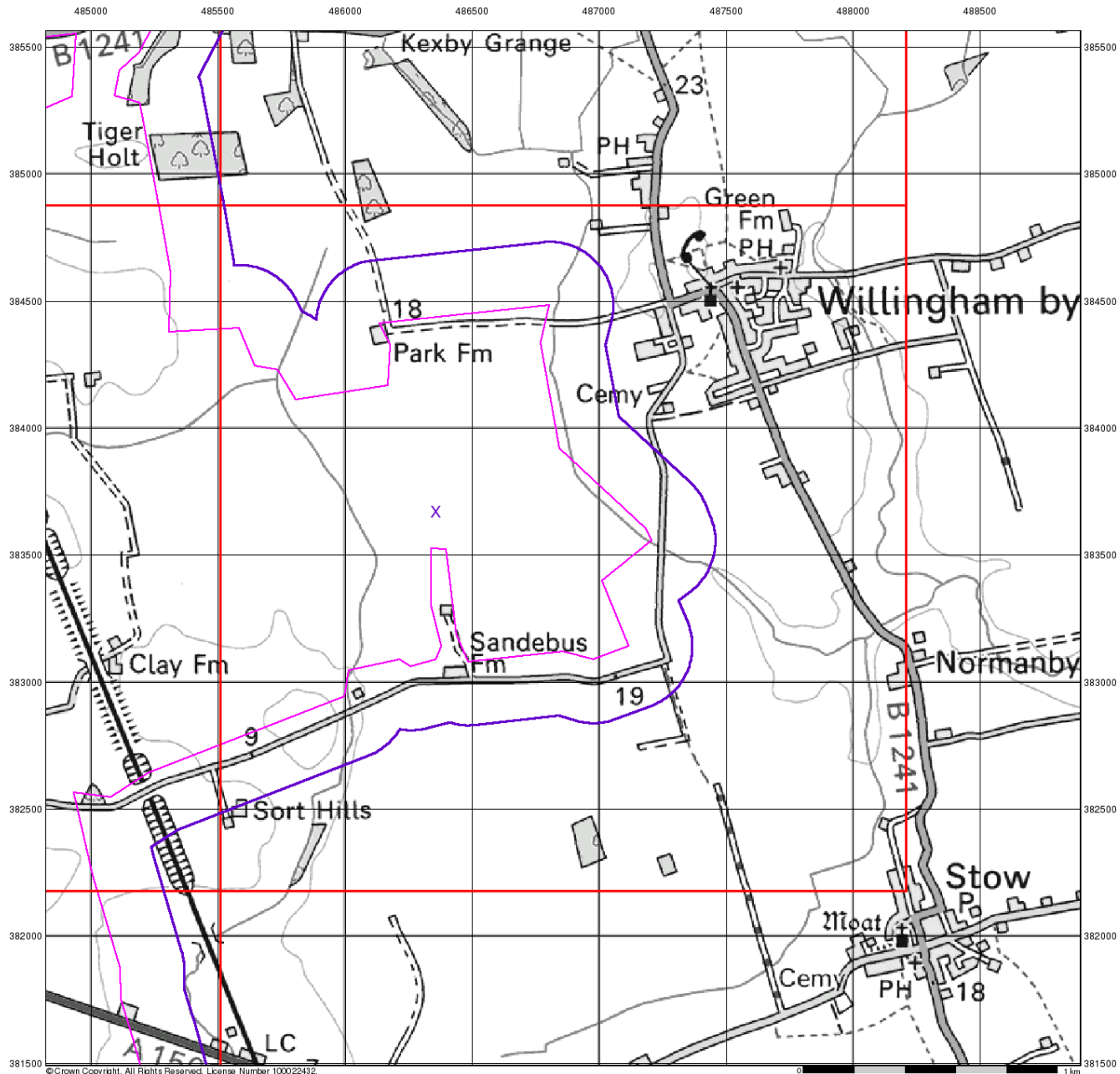
Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 486360, 383670
 Slice: G
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

Site Details

Marton, GAINSBOROUGH, Lincolnshire, DN21 5AA



Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: (REDACTED)



Source Protection Zones

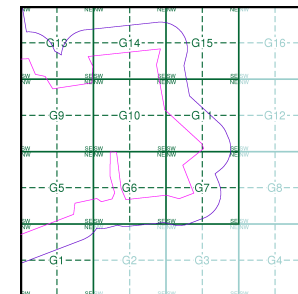
General

- ▭ Specified Site
- ▭ Specified Buffer(s)
- X Bearing Reference Point
- ▭ Slice
- B 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 G



Order Details

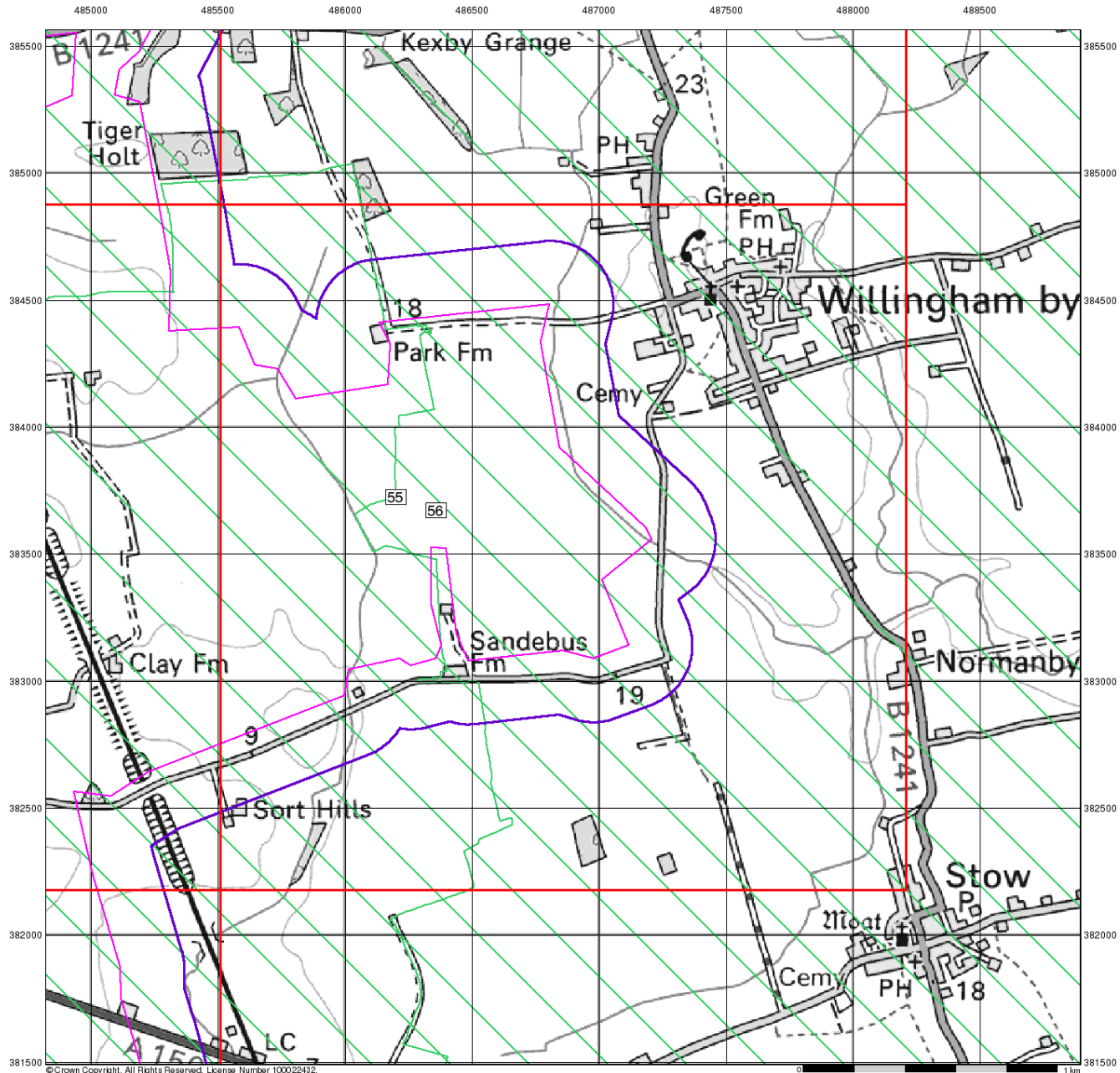
Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 486360, 383670
 Slice: G
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

Site Details

Marton, GAINSBOROUGH, Lincolnshire, DN21 5AA



Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: (REDACTED)



Sensitive Land Uses

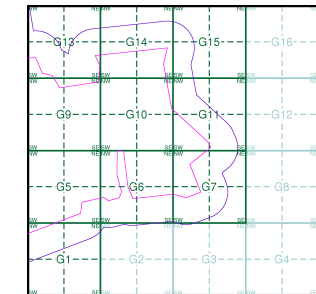
General

- 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 G



Order Details

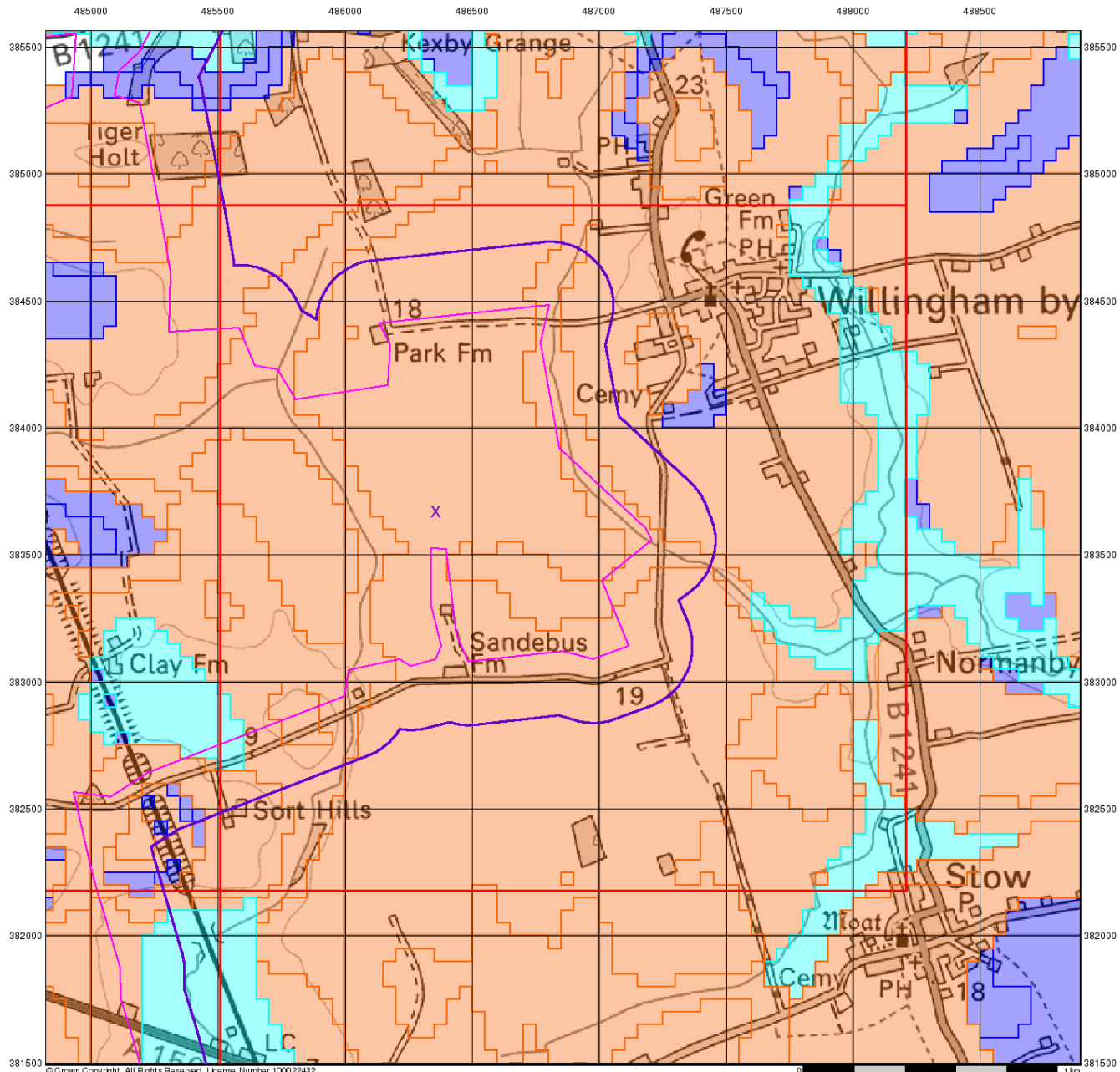
Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 486360, 383670
 Slice: G
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

Site Details

Marton, GAINSBOROUGH, Lincolnshire, DN21 5AA



Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: (REDACTED)



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0 1 km



BGS Flood GFS Data

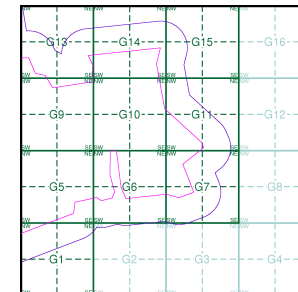
General

- 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 G



Order Details

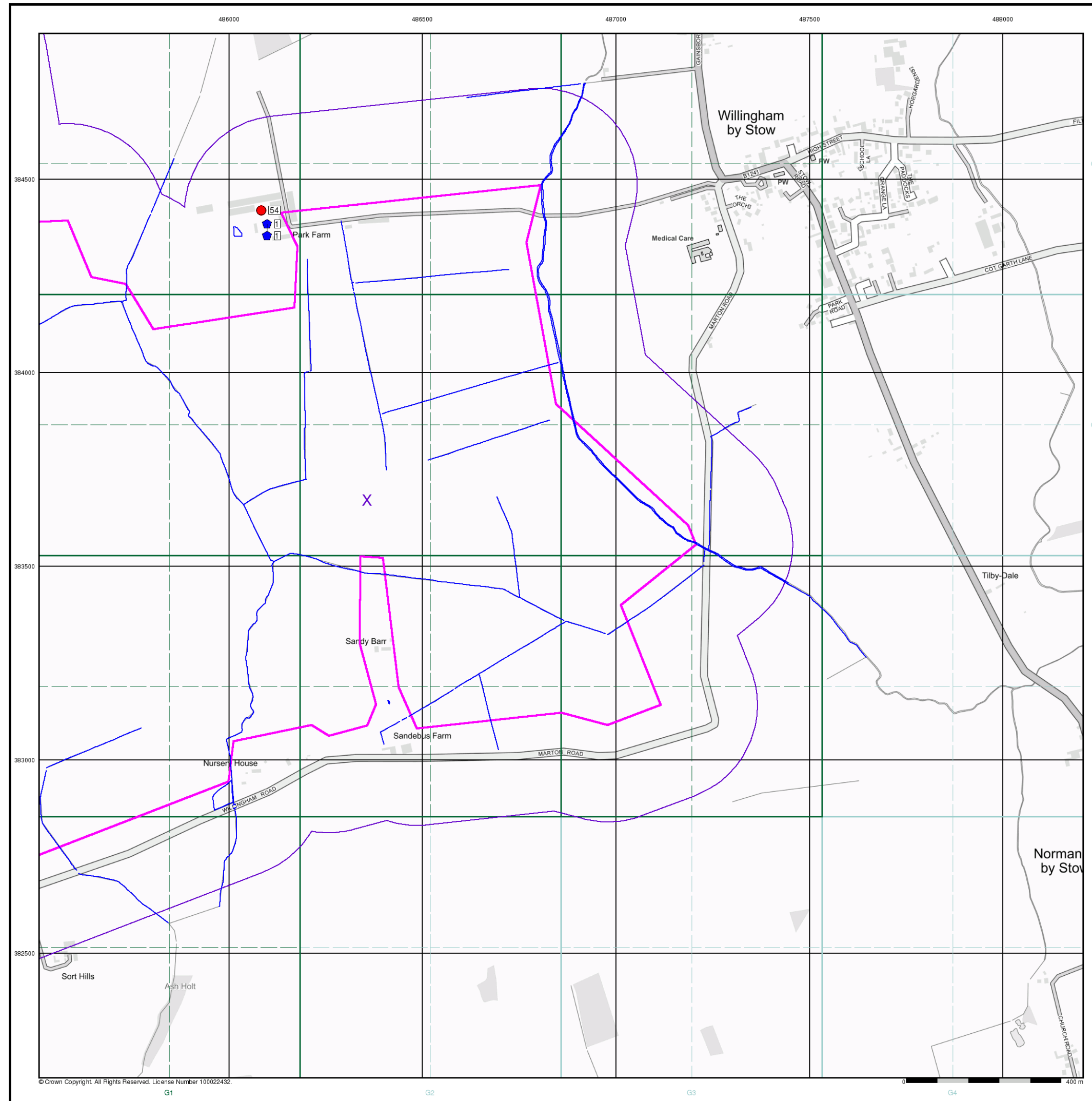
Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 486360, 383670
 Slice: G
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

Site Details

Marton, GAINSBOROUGH, Lincolnshire, DN21 5AA

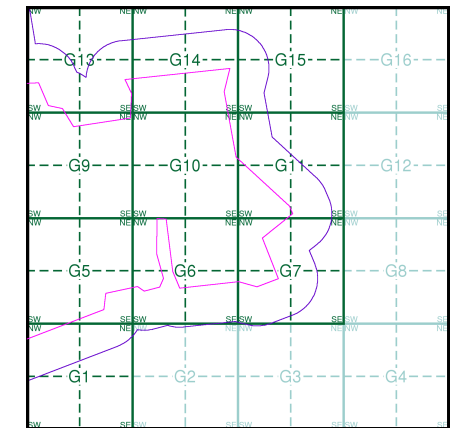


Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: (REDACTED)



- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
 - Several of Type at Location
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
 - Contaminated Land Register Entry or Notice
 - Discharge Consent
 - Enforcement or Prohibition Notice
 - Integrated Pollution Control
 - Integrated Pollution Prevention Control
 - Local Authority Integrated Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control Enforcement
 - Pollution Incident to Controlled Waters
 - 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
- Waste**
- BGS Recorded Landfill Site (Location)
 - BGS Recorded Landfill Site
 - EA Historic Landfill (Buffered Point)
 - EA Historic Landfill (Polygon)
 - Integrated Pollution Control Registered Waste Site
 - Licensed Waste Management Facility (Landfill Boundary)
 - Licensed Waste Management Facility (Location)
 - Local Authority Recorded Landfill Site (Location)
 - Local Authority Recorded Landfill Site
 - Registered Landfill Site
 - Registered Landfill Site (Location)
 - Registered Landfill Site (Point Buffered to 100m)
 - Registered Landfill Site (Point Buffered to 250m)
 - Registered Waste Transfer Site (Location)
 - Registered Waste Transfer Site
 - Registered Waste Treatment or Disposal Site (Location)
 - Registered Waste Treatment or Disposal Site
- Hazardous Substances**
- COMAH Site
 - Explosive Site
 - NIHHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
- Geological**
- BGS Recorded Mineral Site
- Industrial Land Use**
- Contemporary Trade Directory Entry
 - Fuel Station Entry

Site Sensitivity Map - Slice G



Order Details

Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 486360, 383670
 Slice: G
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

Site Details
 Marton, GAINSBOROUGH, Lincolnshire, DN21 5AA

Landmark
 INFORMATION GROUP

Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: (REDACTED)



Industrial Land Use Map

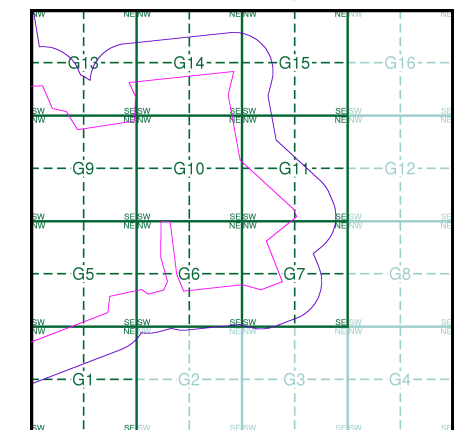
General

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

Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry
- Gas Pipeline
- Underground Electrical Cables

Industrial Land Use Map - Slice G



Order Details

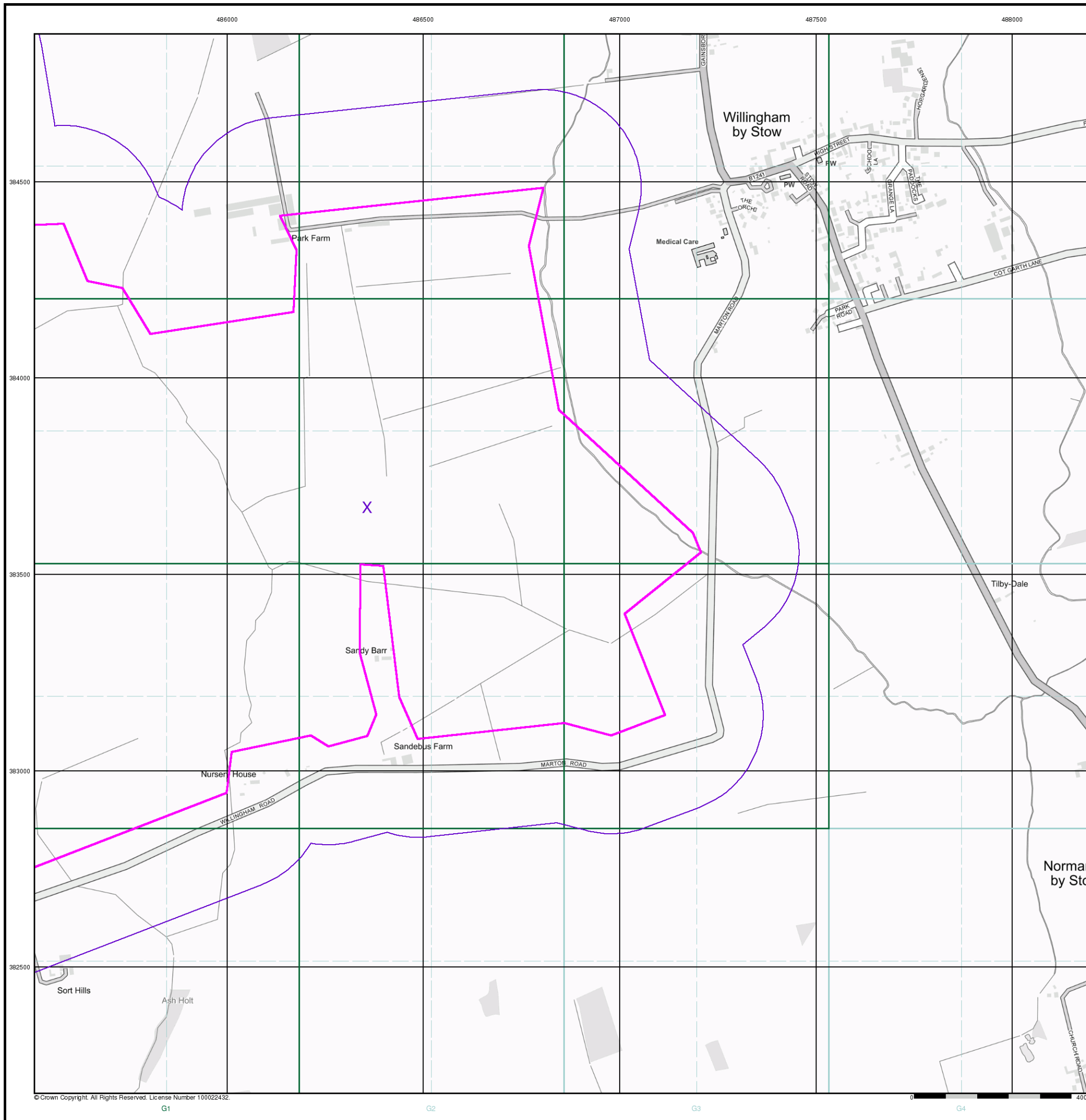
Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 486360, 383670
 Slice: G
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

Site Details

Marton, GAINSBOROUGH, Lincolnshire, DN21 5AA



Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: (REDACTED)



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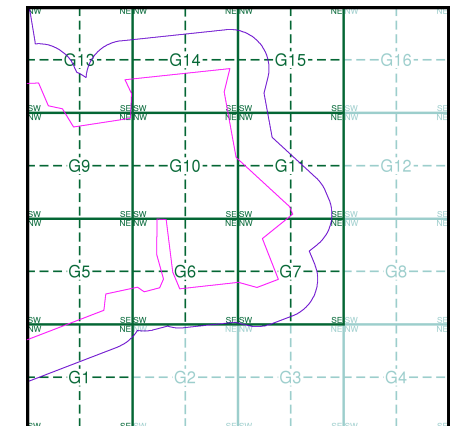
General

- 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 G



Order Details

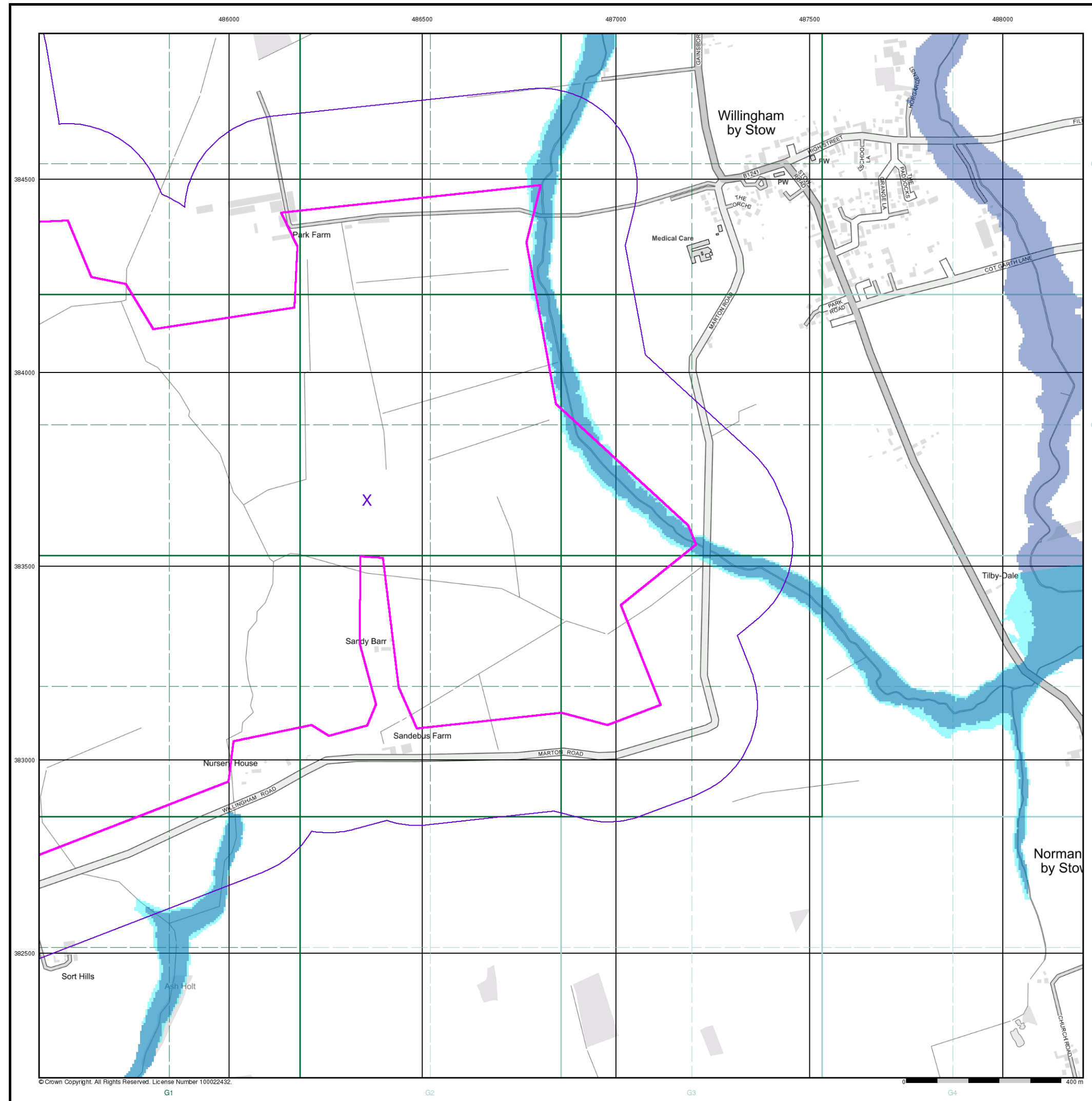
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 Customer Ref: 60664324
 National Grid Reference: 486360, 383670
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 Site Area (Ha): 1658.81
 Search Buffer (m): 250

Site Details

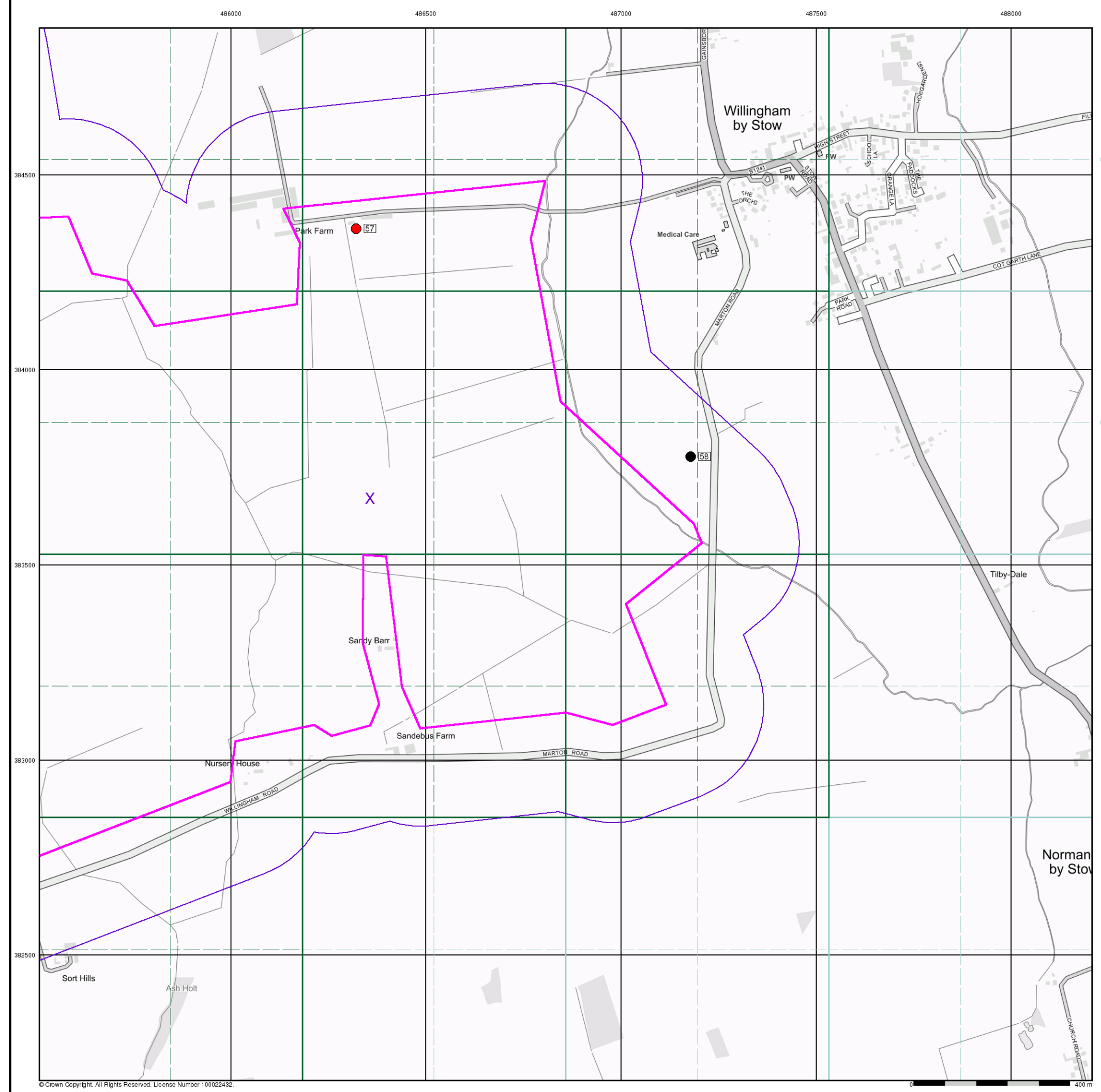
Marton, GAINSBOROUGH, Lincolnshire, DN21 5AA



Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: (REDACTED)



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General

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

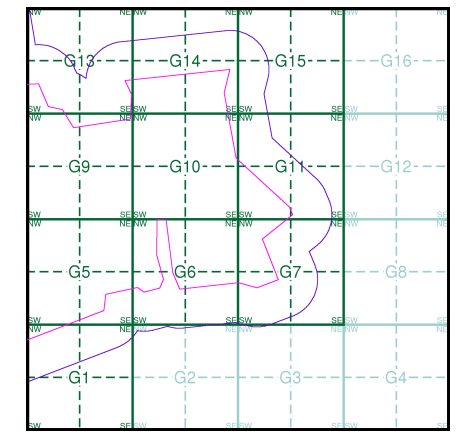
Agency and Hydrological (Boreholes)

- 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 (REDACTED).

Borehole Map - Slice G



Order Details

Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 486360, 383670
 Slice: G
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

Site Details

Marton, GAINSBOROUGH, Lincolnshire, DN21 5AA



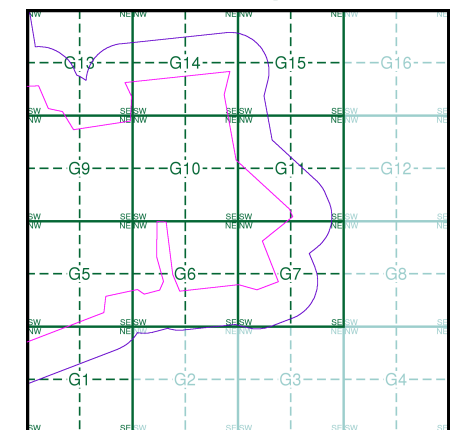
General

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

OS Water Network Data

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

OS Water Network Map - Slice G



Order Details

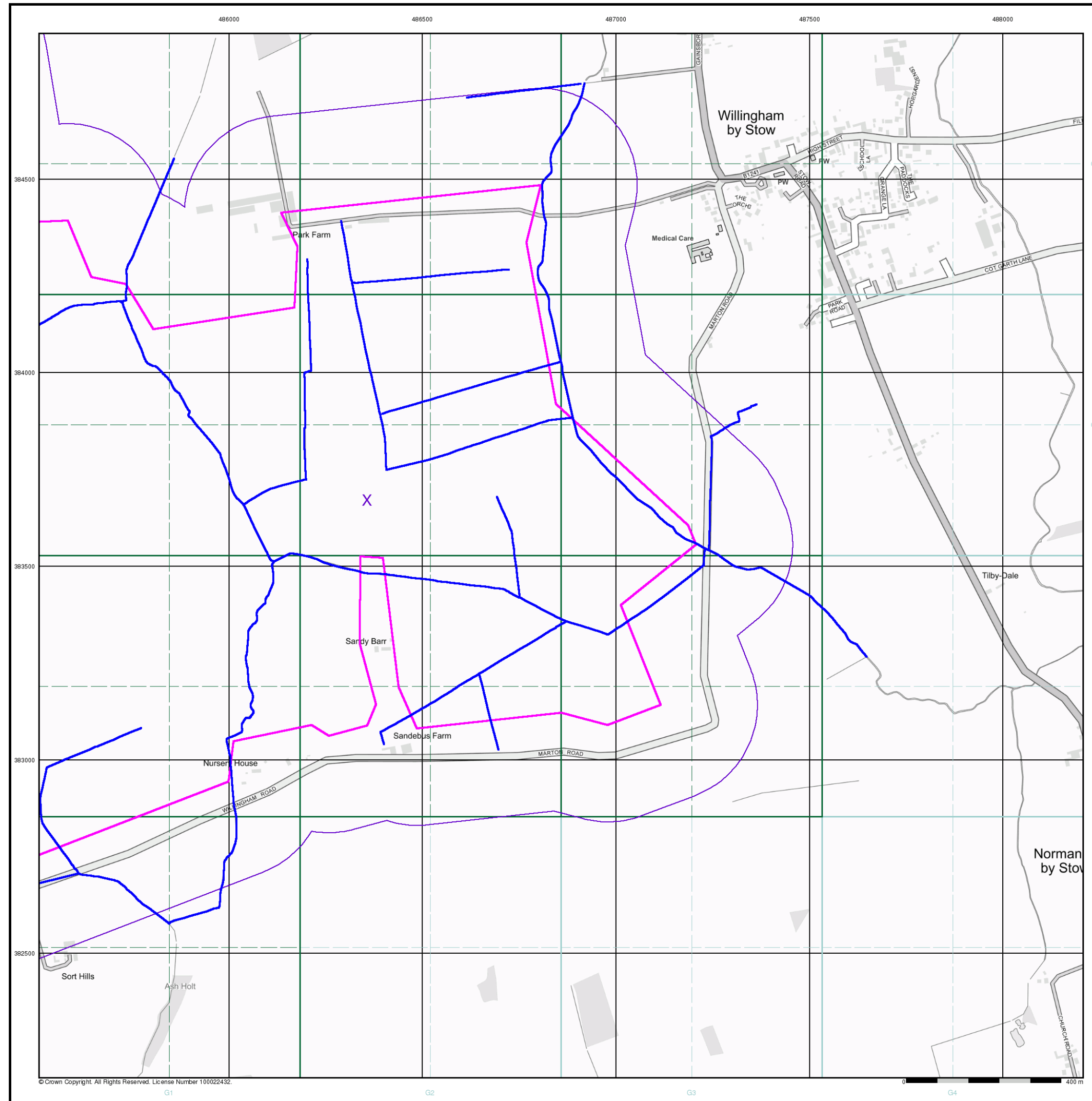
Order Number: 286968913_1_1
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 National Grid Reference: 486360, 383670
 Slice: G
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

Site Details

Marton, GAINSBOROUGH, Lincolnshire, DN21 5AA

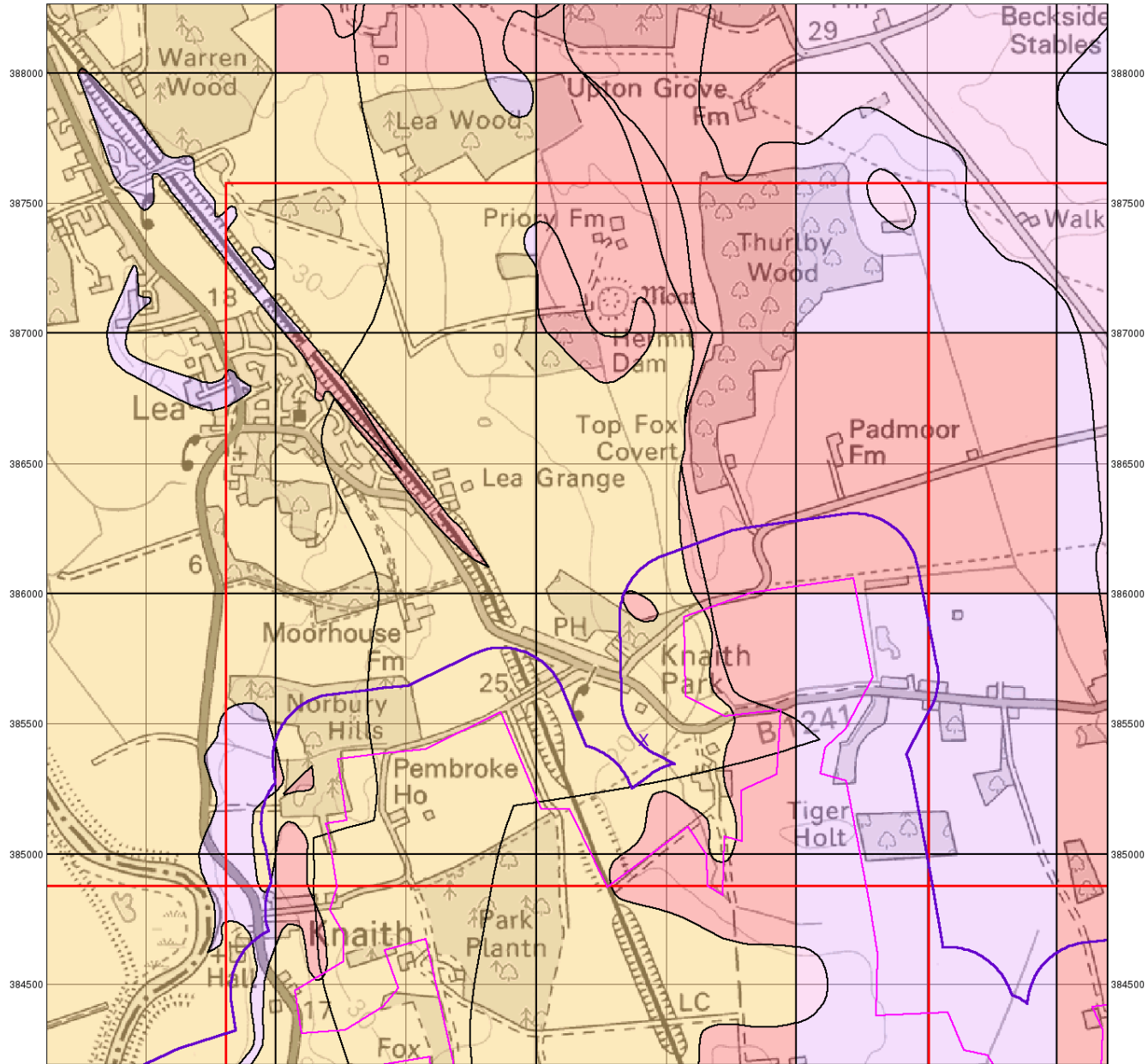


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 Web: (REDACTED)



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482500 483000 483500 484000 484500 485000 485500 486000



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0 1 km



Groundwater Vulnerability

General

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

Agency and Hydrological

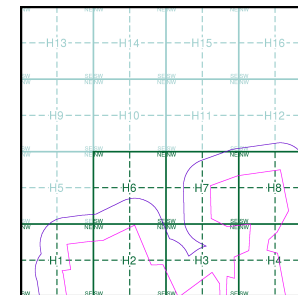
Bedrock Aquifers

- 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 H



Order Details

Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 484410, 385440
 Slice: H
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

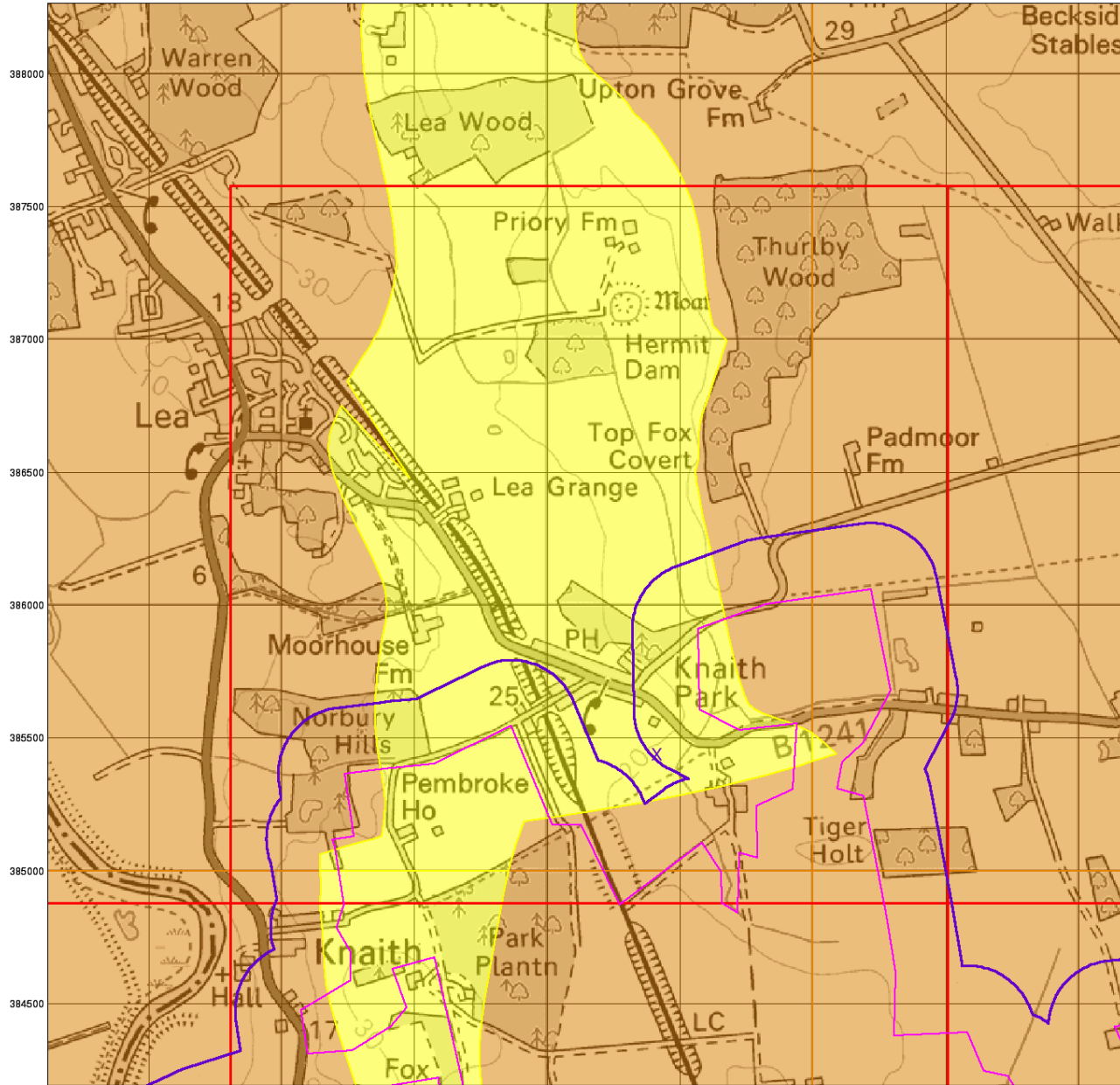
Site Details

Marton, GAINSBOROUGH, Lincolnshire, DN21 5AA



Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: (REDACTED)

482500 483000 483500 484000 484500 485000 485500 486000



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0 1 km



Bedrock Aquifer Designation

General

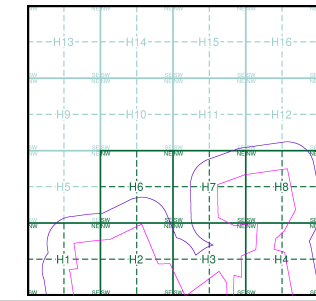
- ▭ Specified Site
- ▭ Specified Buffer(s)
- X Bearing Reference Point
- ▭ Slice
- B Map ID

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 H



Order Details

Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 484410, 385440
 Slice: H
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

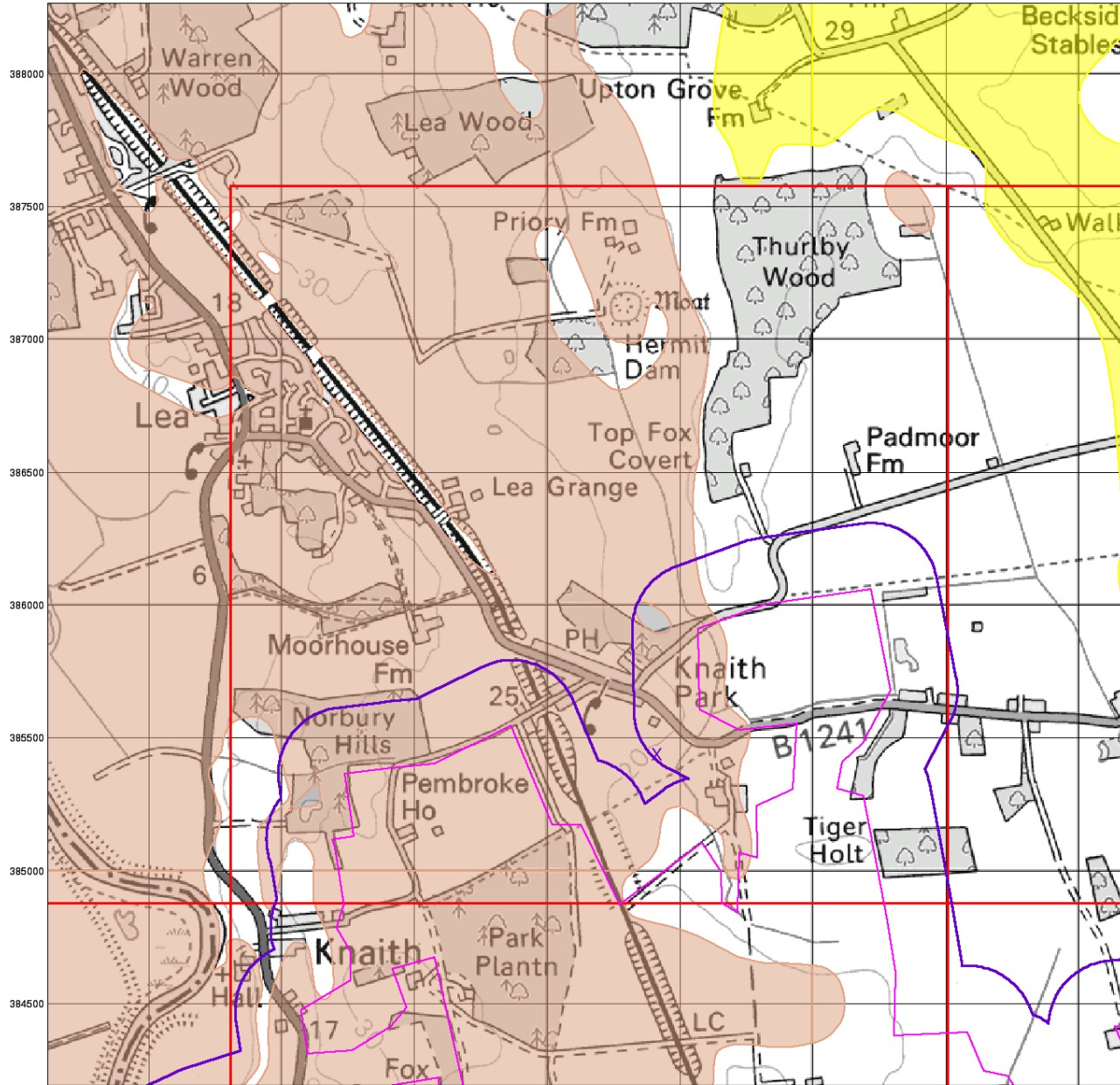
Site Details

Marton, GAINSBOROUGH, Lincolnshire, DN21 5AA



Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: (REDACTED)

482500 483000 483500 484000 484500 485000 485500 486000



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Superficial Aquifer Designation

General

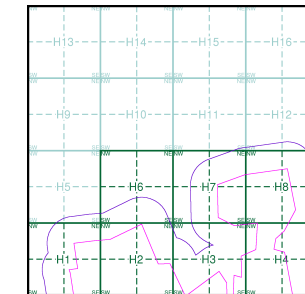
- ◊ Specified Site
- ◊ Specified Buffer(s)
- X Bearing Reference Point
- Slice
- Map ID

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 H



Order Details

Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 484410, 385440
 Slice: H
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

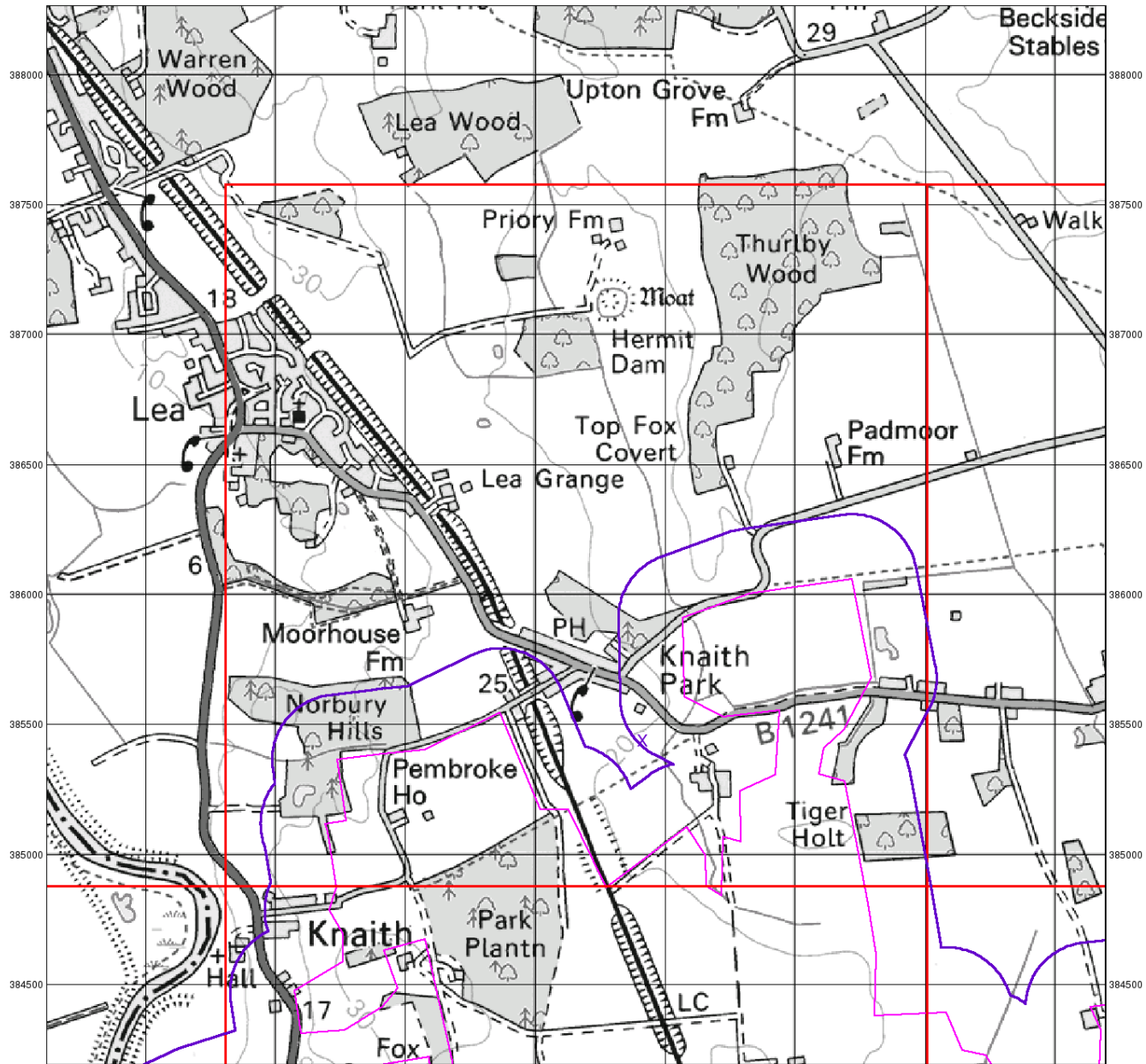
Site Details

Marton, GAINSBOROUGH, Lincolnshire, DN21 5AA



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482500 483000 483500 484000 484500 485000 485500 486000



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0 1 km



Source Protection Zones

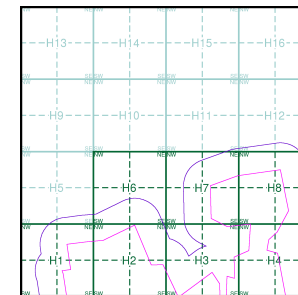
General

- 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 H



Order Details

Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 484410, 385440
 Slice: H
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

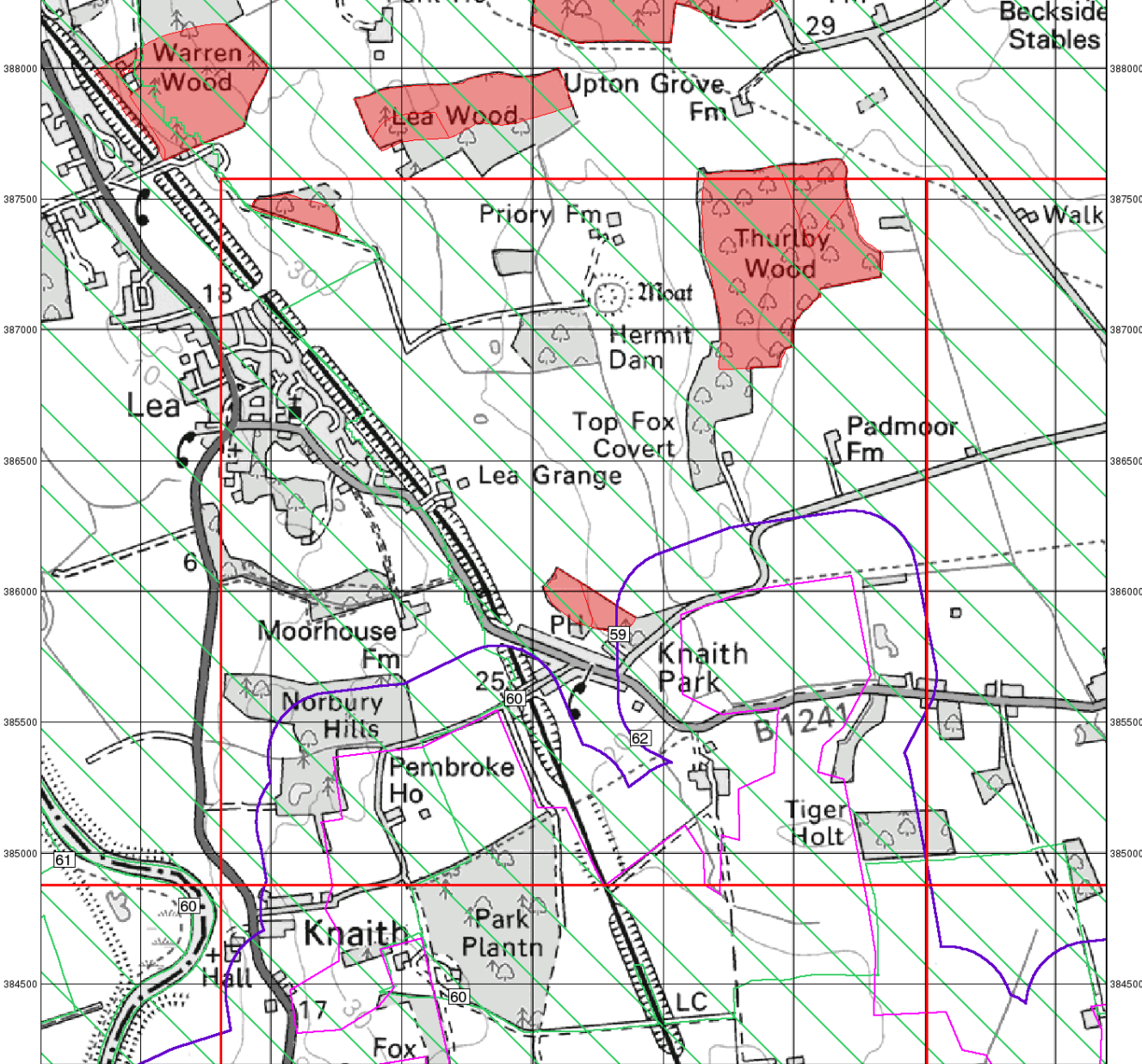
Site Details

Marton, GAINSBOROUGH, Lincolnshire, DN21 5AA



Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: (REDACTED)

482500 483000 483500 484000 484500 485000 485500 486000



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Sensitive Land Uses

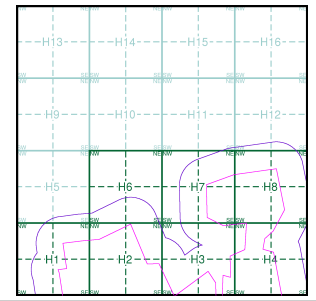
General

- 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 H



Order Details

Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 484410, 385440
 Slice: H
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

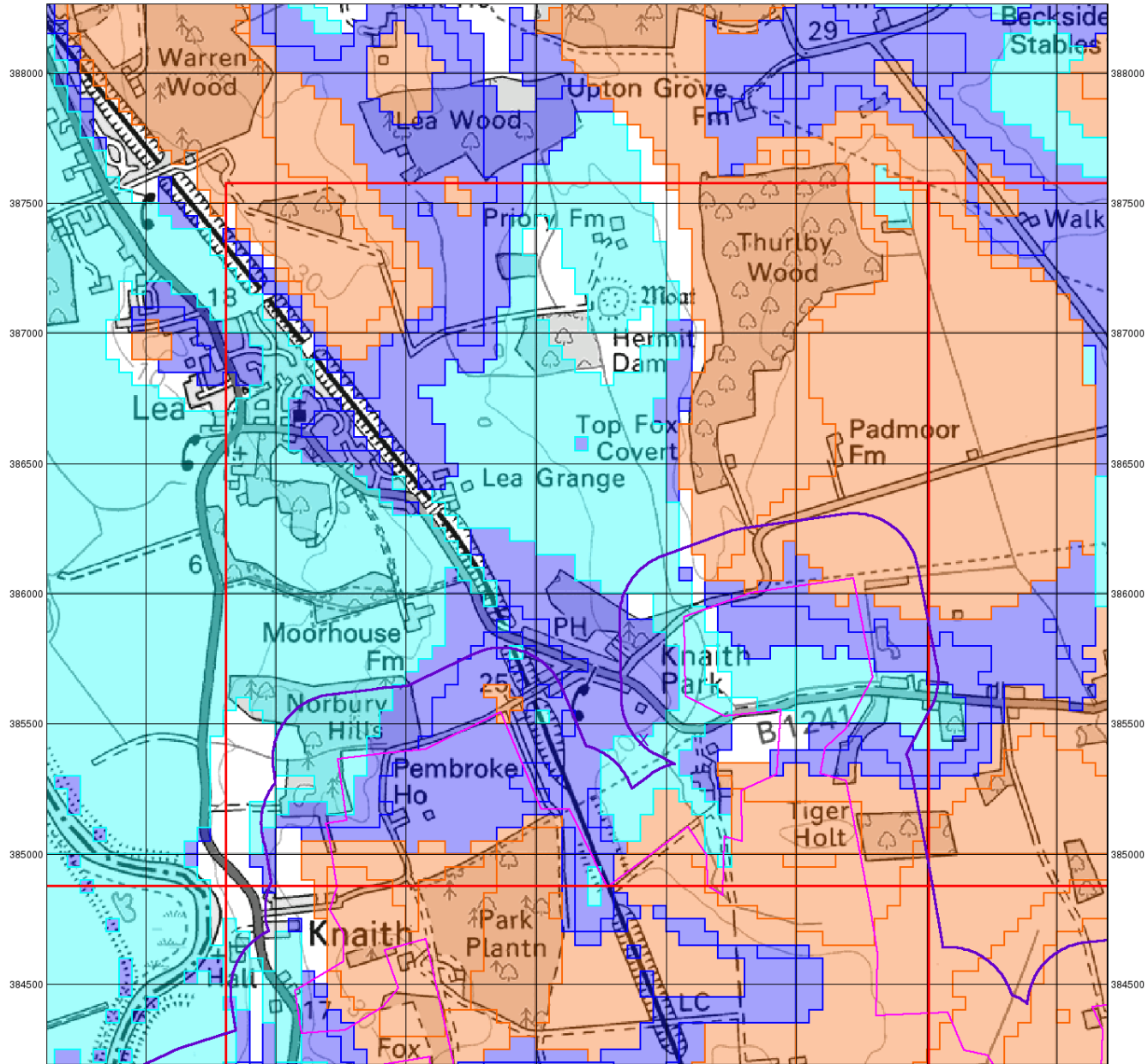
Site Details

Marton, GAINSBOROUGH, Lincolnshire, DN21 5AA



Tel: 0844 844 9952
 Fax: 0844 844 9951
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482500 483000 483500 484000 484500 485000 485500 486000



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0 1 km



BGS Flood GFS Data

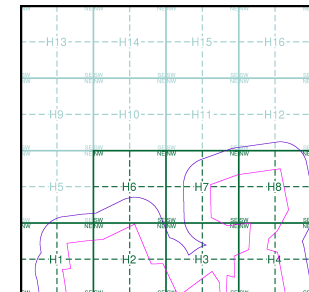
General

- 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 H



Order Details

Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 484410, 385440
 Slice: H
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

Site Details

Marton, GAINSBOROUGH, Lincolnshire, DN21 5AA



Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: (REDACTED)



General

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

Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
- Discharge Consent
- Enforcement or Prohibition Notice
- Integrated Pollution Control
- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Prevention and Control
- Local Authority Pollution Prevention and Control
- Local Authority Pollution Prevention and Control Enforcement
- Pollution Incident to Controlled Waters
- 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

Waste

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

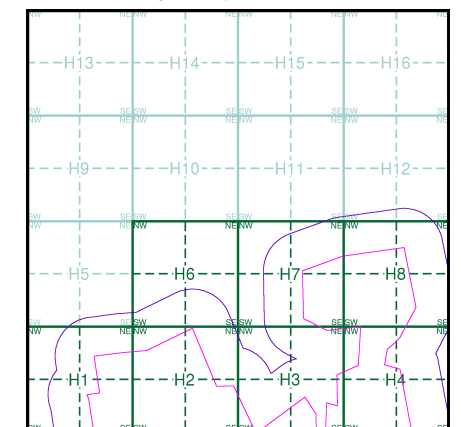
Geological

- BGS Recorded Mineral Site

Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry
- COMAH Site
- Explosive Site
- NIHHS Site
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Enforcement

Site Sensitivity Map - Slice H



Order Details

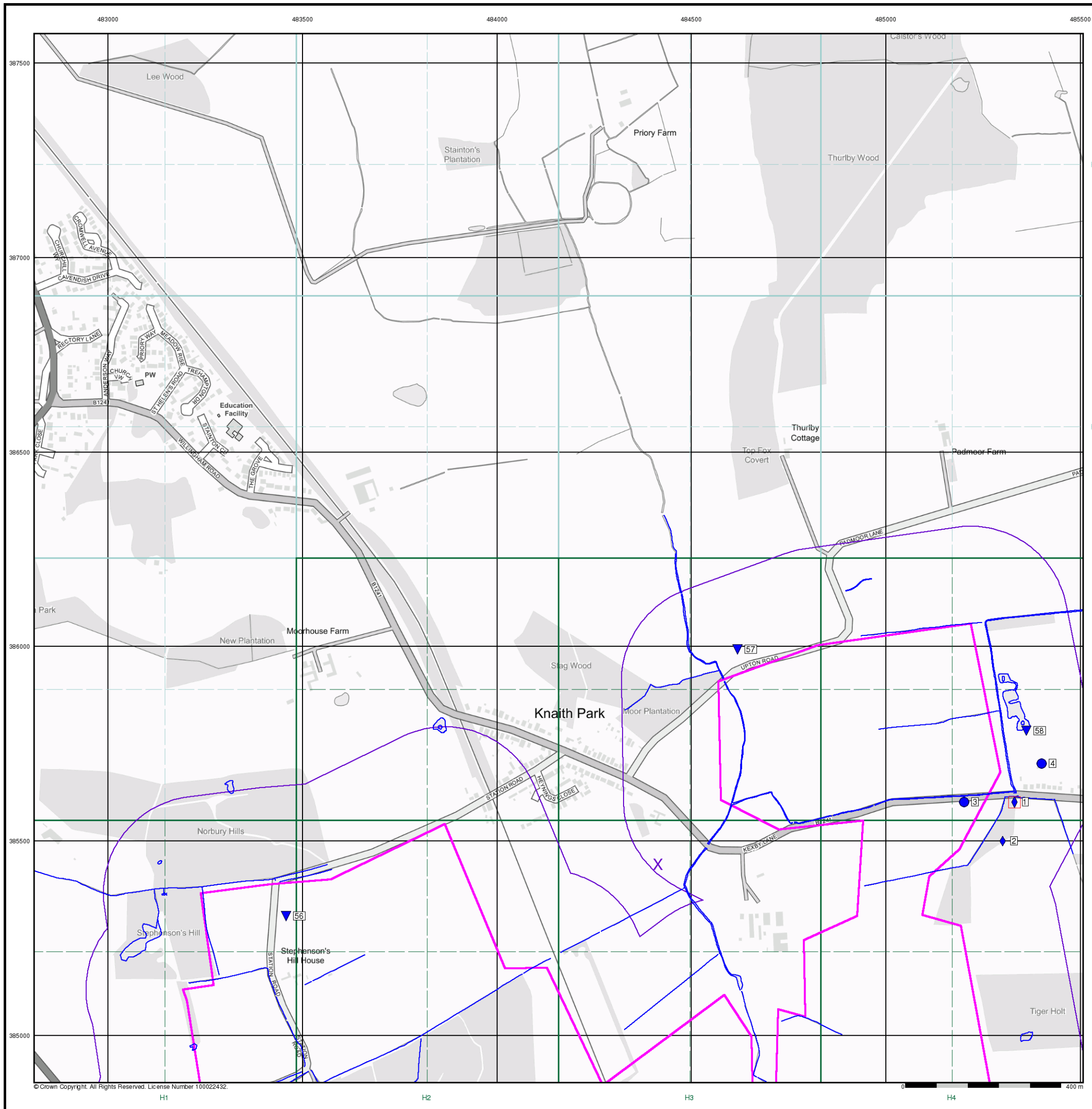
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 Customer Ref: 60664324
 National Grid Reference: 484410, 385440
 Slice: H
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

Site Details

Marton, GAINSBOROUGH, Lincolnshire, DN21 5AA



Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: (REDACTED)








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Industrial Land Use Map

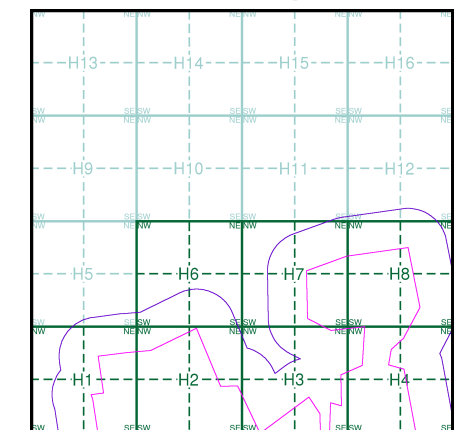
General

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

Industrial Land Use

-  Contemporary Trade Directory Entry
-  Fuel Station Entry
-  Gas Pipeline
-  Underground Electrical Cables

Industrial Land Use Map - Slice H



Order Details

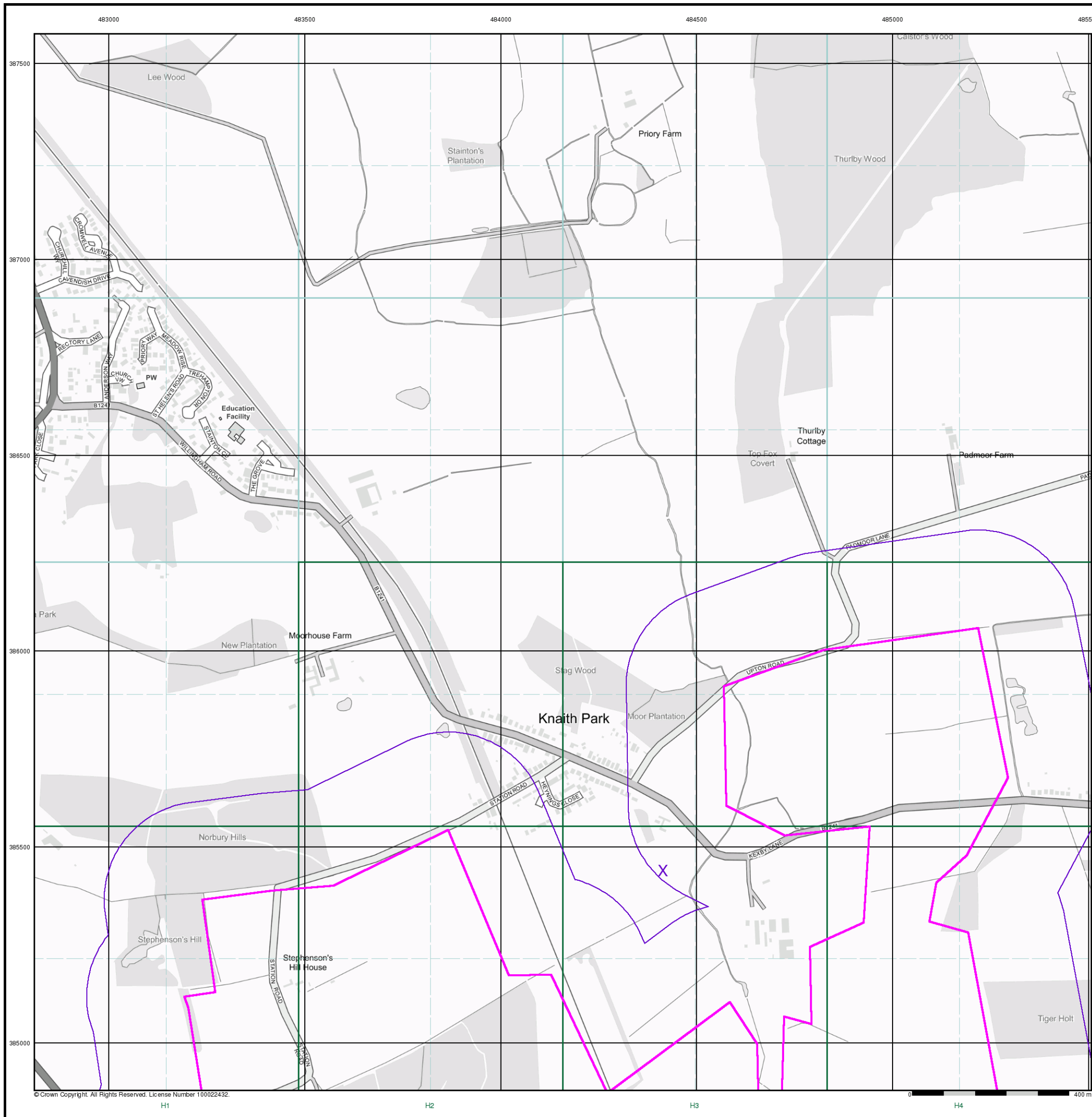
Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 484410, 385440
 Slice: H
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

Site Details

Marton, GAINSBOROUGH, Lincolnshire, DN21 5AA



Tel: 0844 844 9952
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 Web: (REDACTED)



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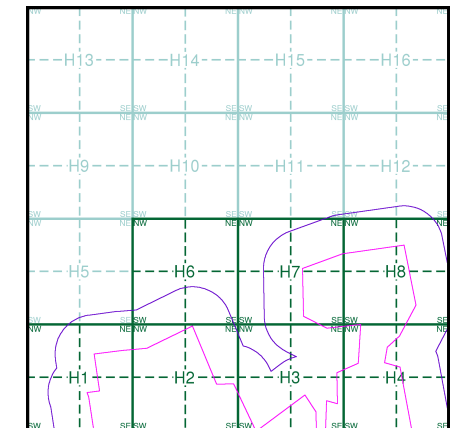
General

- 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 H



Order Details

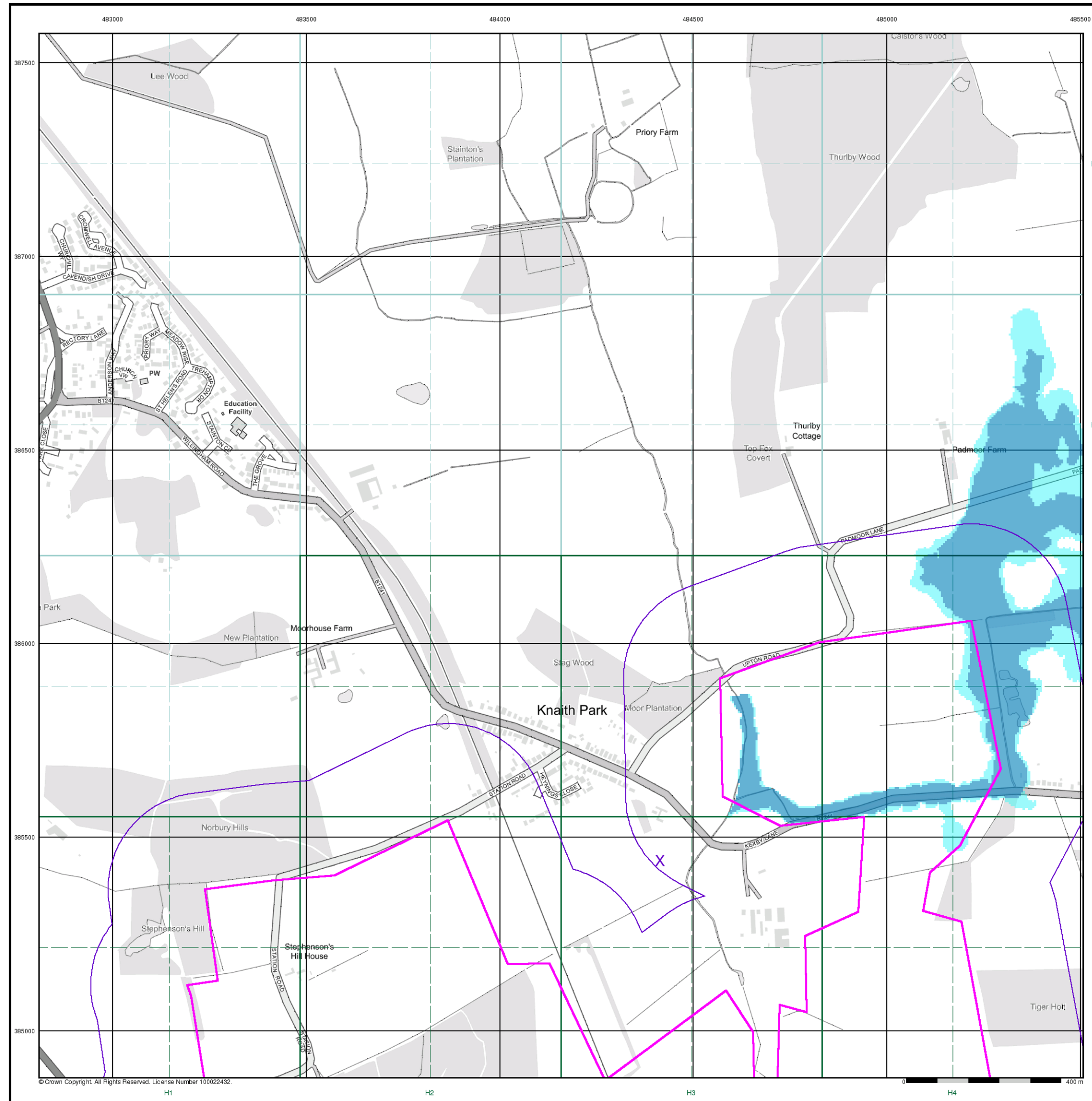
Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 484410, 385440
 Slice: H
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

Site Details

Marton, GAINSBOROUGH, Lincolnshire, DN21 5AA



Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: (REDACTED)



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General

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

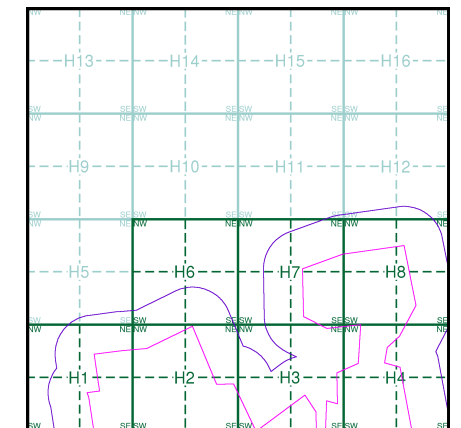
Agency and Hydrological (Boreholes)

- 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 (REDACTED).

Borehole Map - Slice H



Order Details

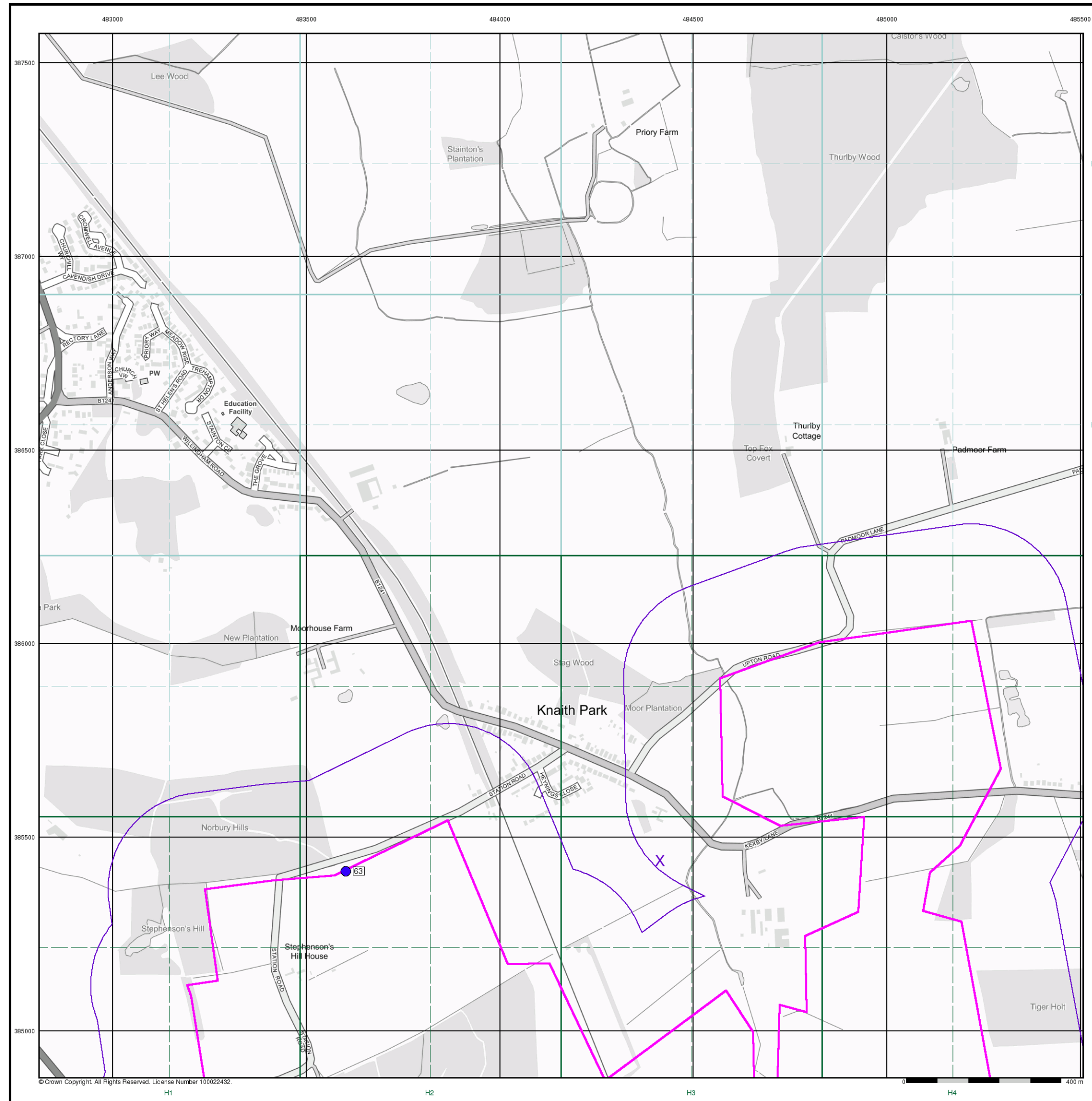
Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 484410, 385440
 Slice: H
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

Site Details

Marton, GAINSBOROUGH, Lincolnshire, DN21 5AA



Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: (REDACTED)



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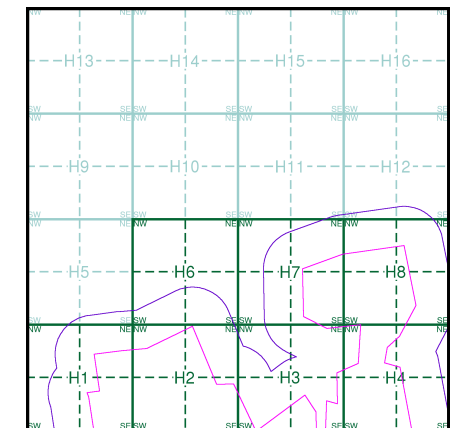
General

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

OS Water Network Data

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

OS Water Network Map - Slice H



Order Details

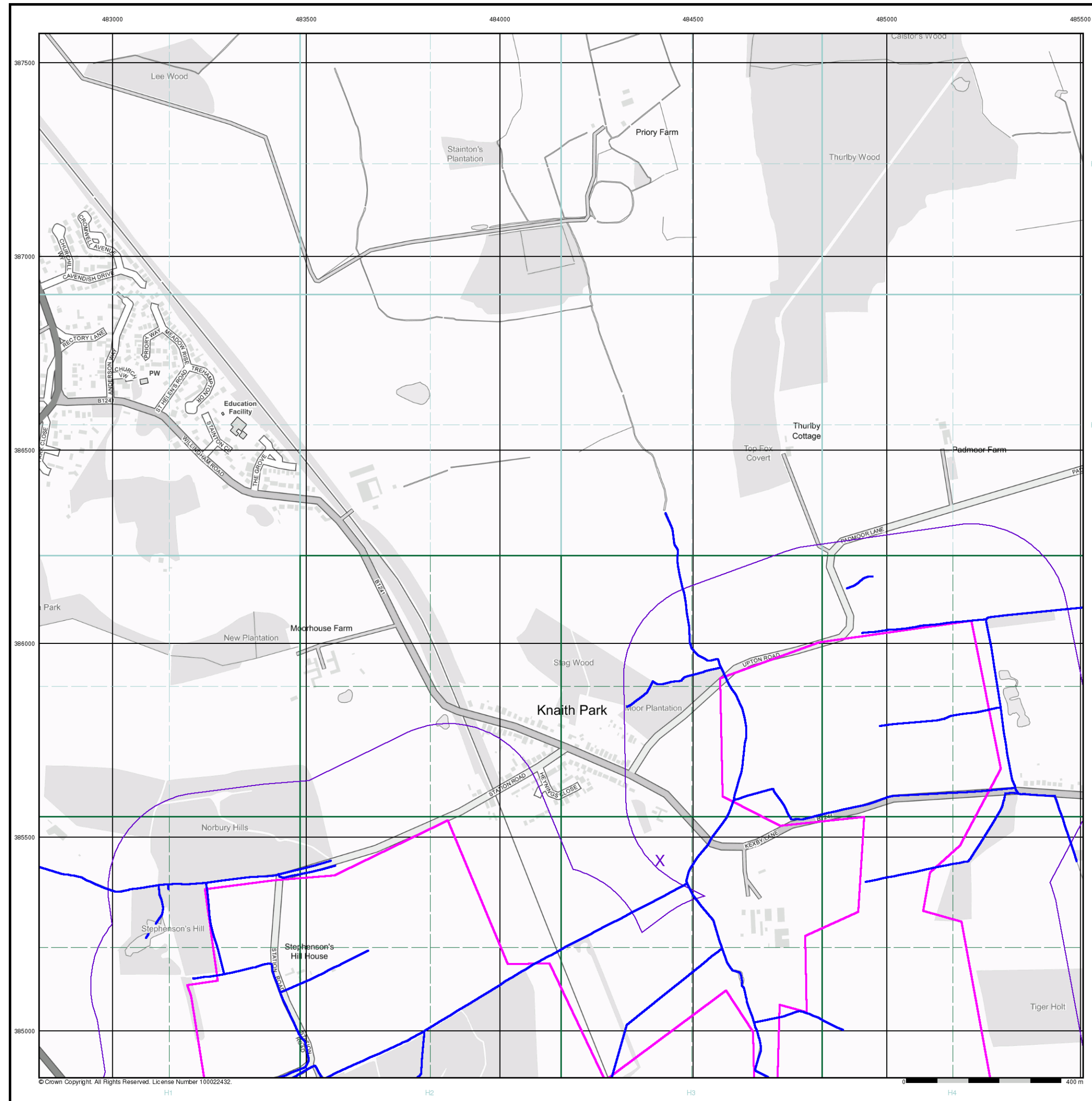
Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 484410, 385440
 Slice: H
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

Site Details

Marton, GAINSBOROUGH, Lincolnshire, DN21 5AA

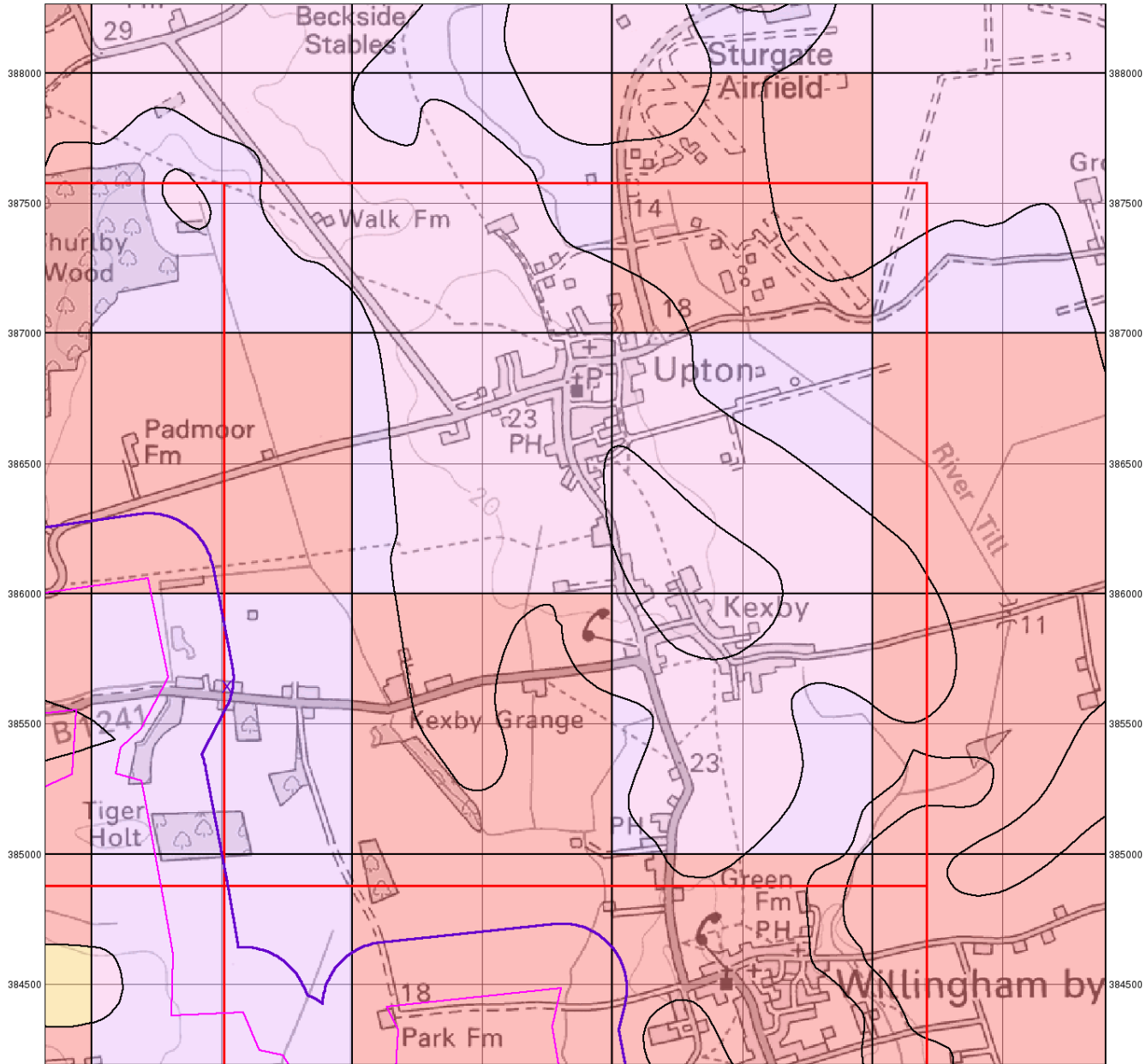


Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: (REDACTED)



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0 1 km



Groundwater Vulnerability

General

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

Agency and Hydrological

Bedrock Aquifers

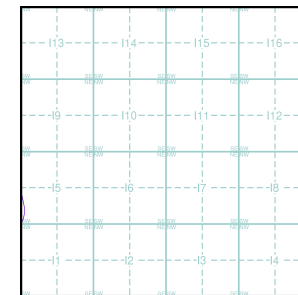
- High Vulnerability, Principal Aquifer
- High Vulnerability, Secondary Aquifer
- Medium Vulnerability, Principal Aquifer
- Medium Vulnerability, Secondary Aquifer
- Low Vulnerability, Principal Aquifer
- Low Vulnerability, Secondary Aquifer

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

- Unproductive Aquifer
- Soluble Rock

Site Sensitivity Context Map - Slice I



Order Details

Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 485520, 385640
 Slice: I
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

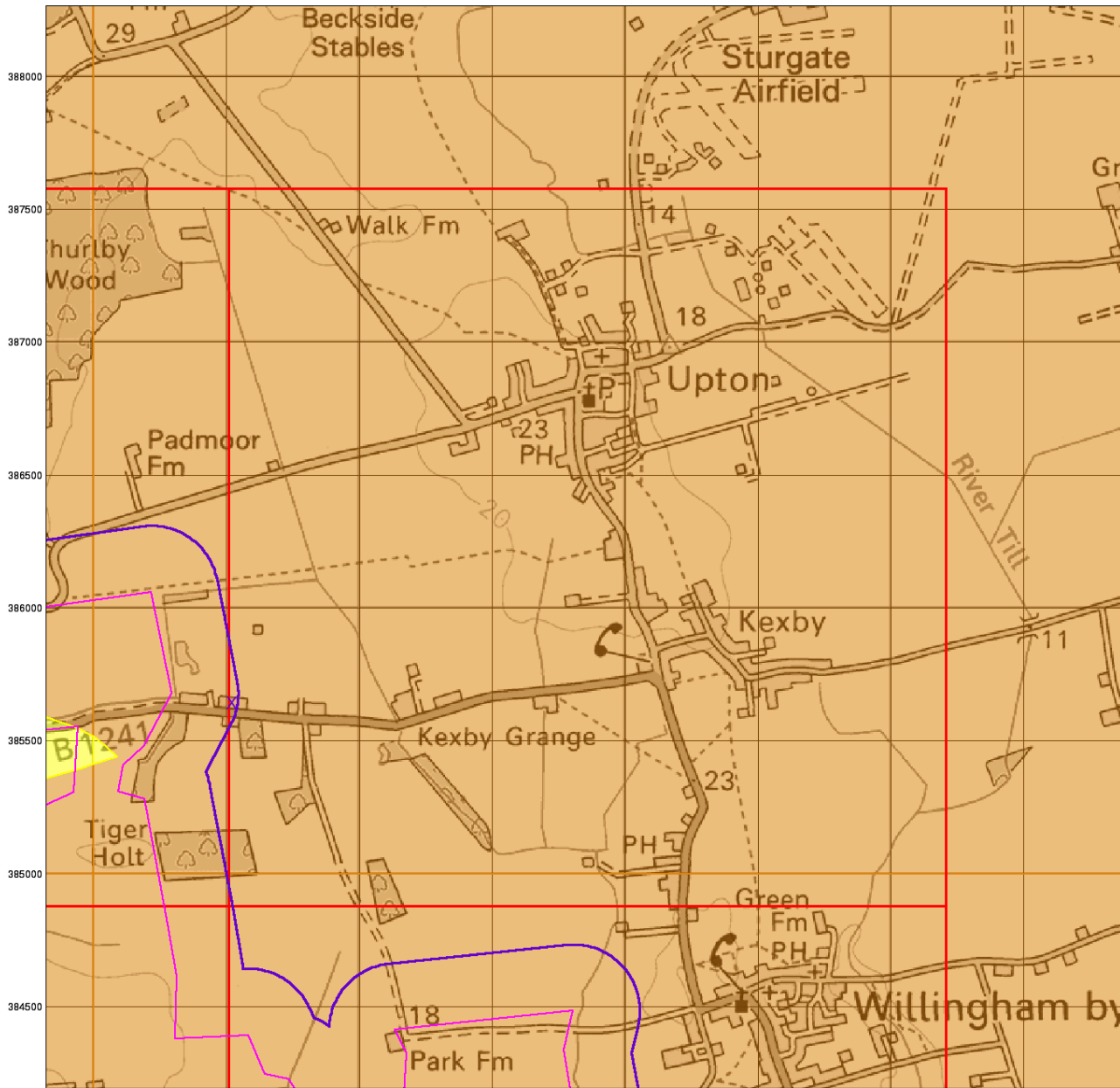
Site Details

Marton, GAINSBOROUGH, Lincolnshire, DN21 5AA



Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: (REDACTED)

485000 485500 486000 486500 487000 487500 488000 488500



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0 1 km



Bedrock Aquifer Designation

General

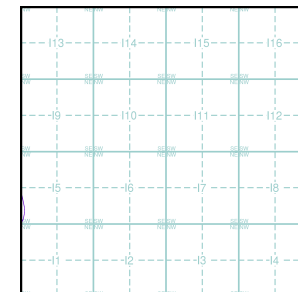
- ◇ Specified Site
- Specified Buffer(s)
- X Bearing Reference Point
- Slice
- B Map ID

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 I



Order Details

Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 485520, 385640
 Slice: I
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

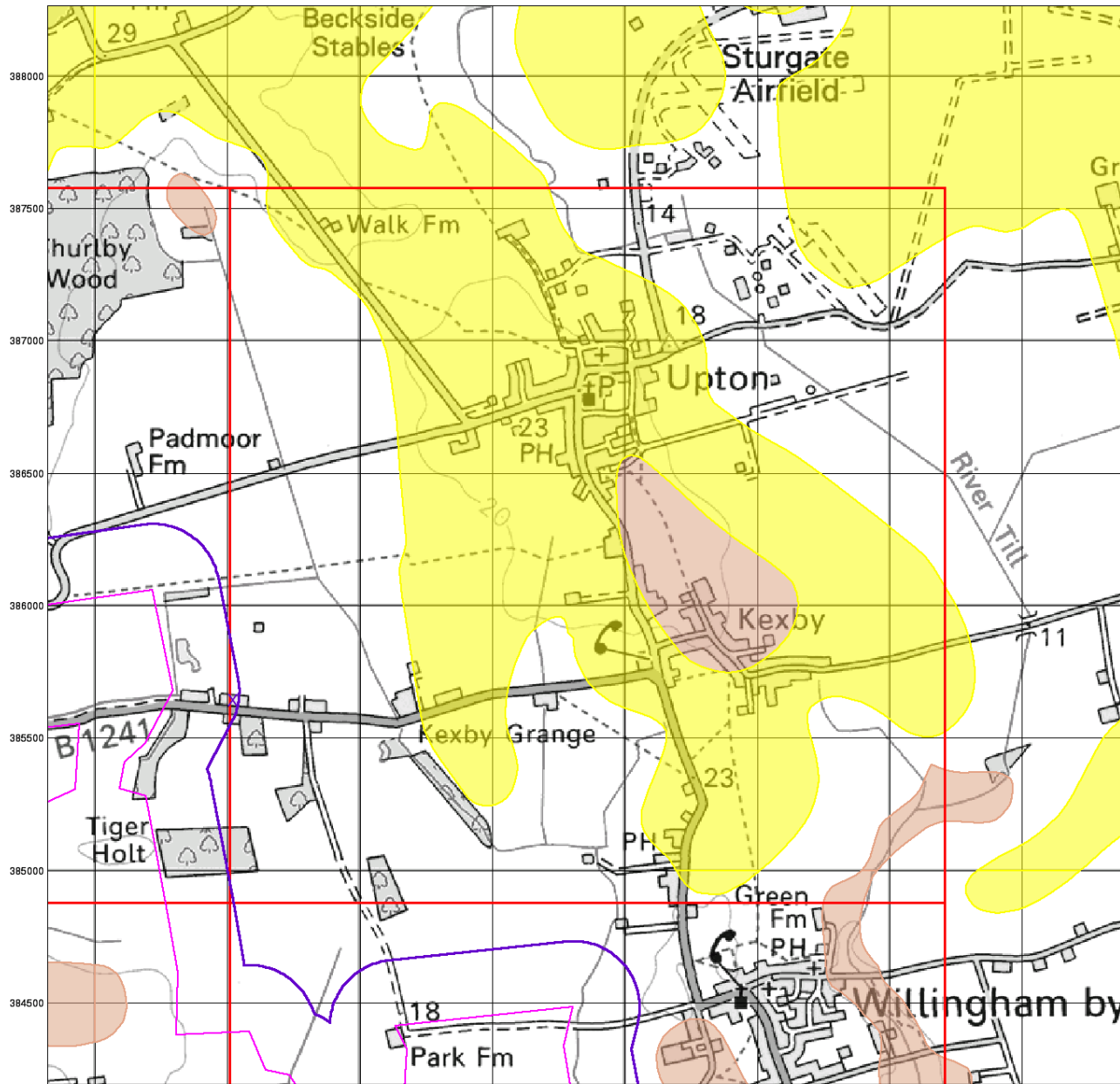
Site Details

Marton, GAINSBOROUGH, Lincolnshire, DN21 5AA



Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: (REDACTED)

485000 485500 486000 486500 487000 487500 488000 488500



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0 1 km



Superficial Aquifer Designation

General

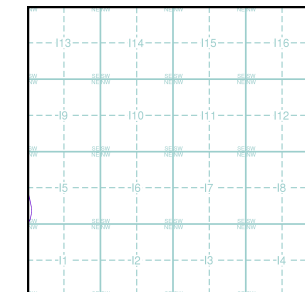
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

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 I



Order Details

Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 485520, 385640
 Slice: I
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

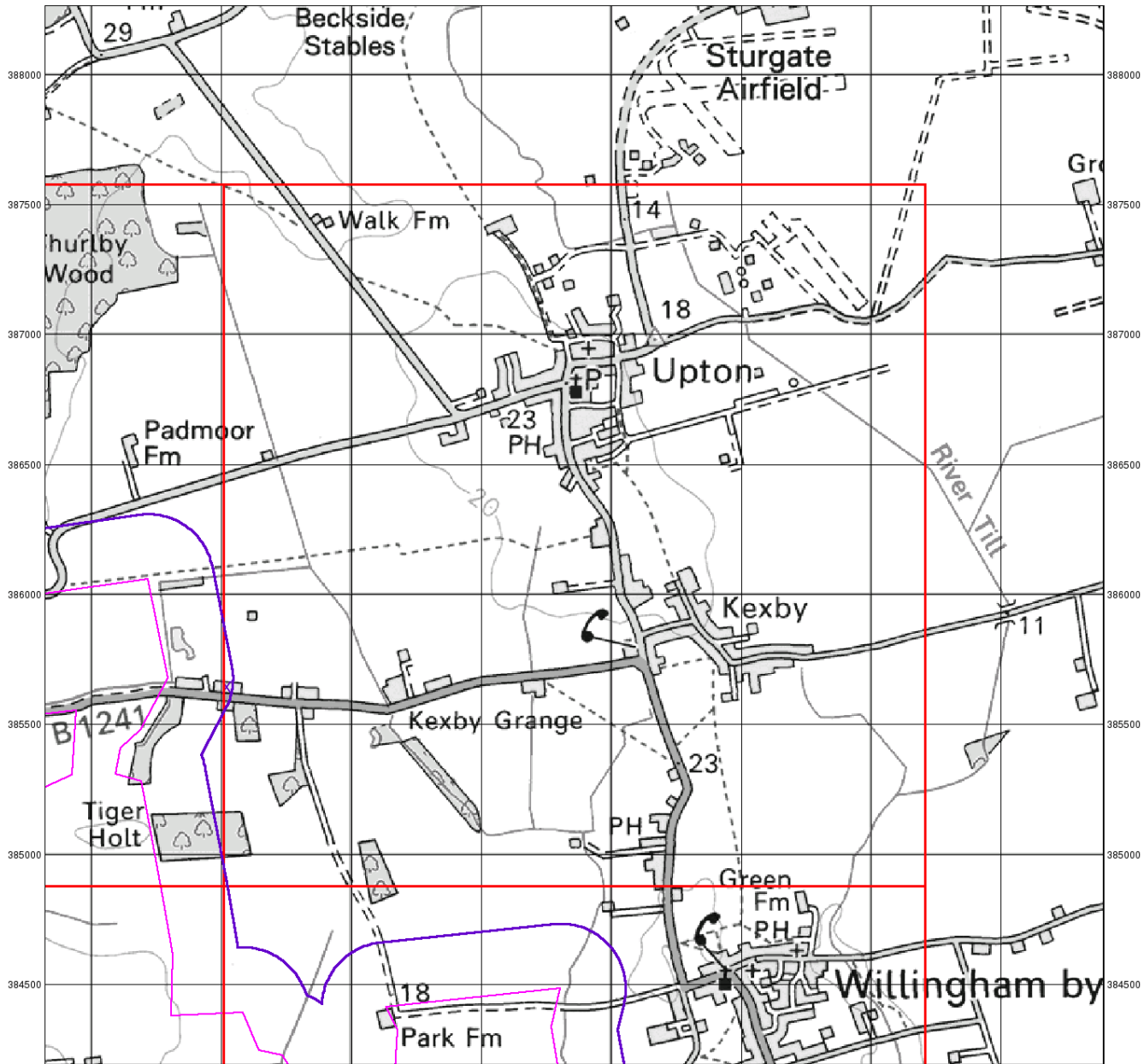
Site Details

Marton, GAINSBOROUGH, Lincolnshire, DN21 5AA



Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: (REDACTED)

485000 485500 486000 486500 487000 487500 488000 488500



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0 1 km



Source Protection Zones

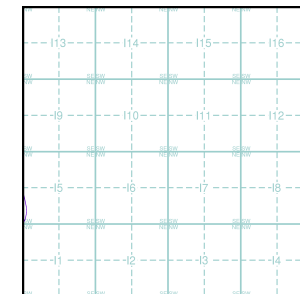
General

- 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 I



Order Details

Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 485520, 385640
 Slice: I
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

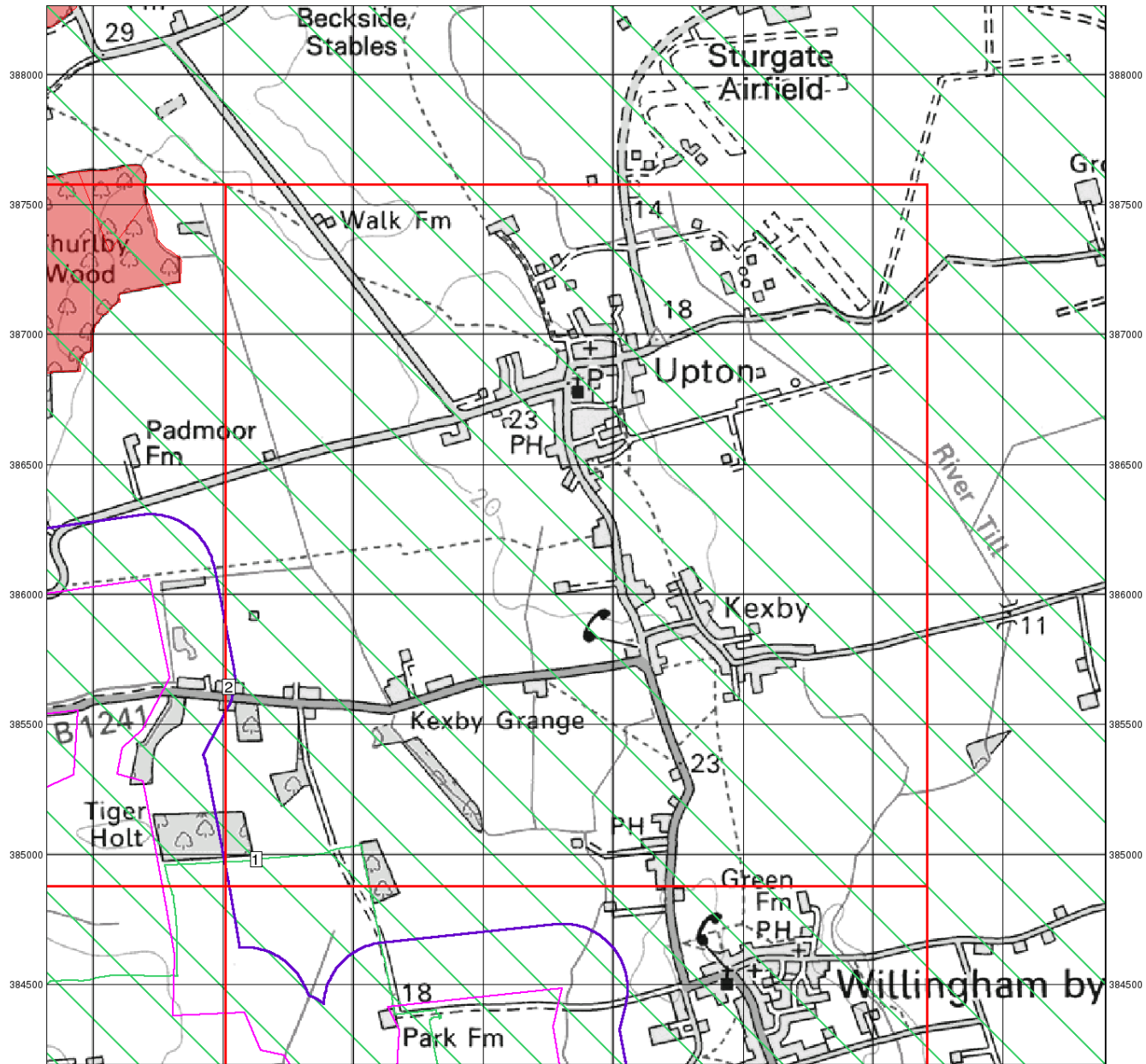
Site Details

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 Web: (REDACTED)

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0 1 km



Sensitive Land Uses

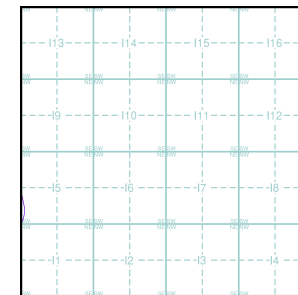
General

- 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 I



Order Details

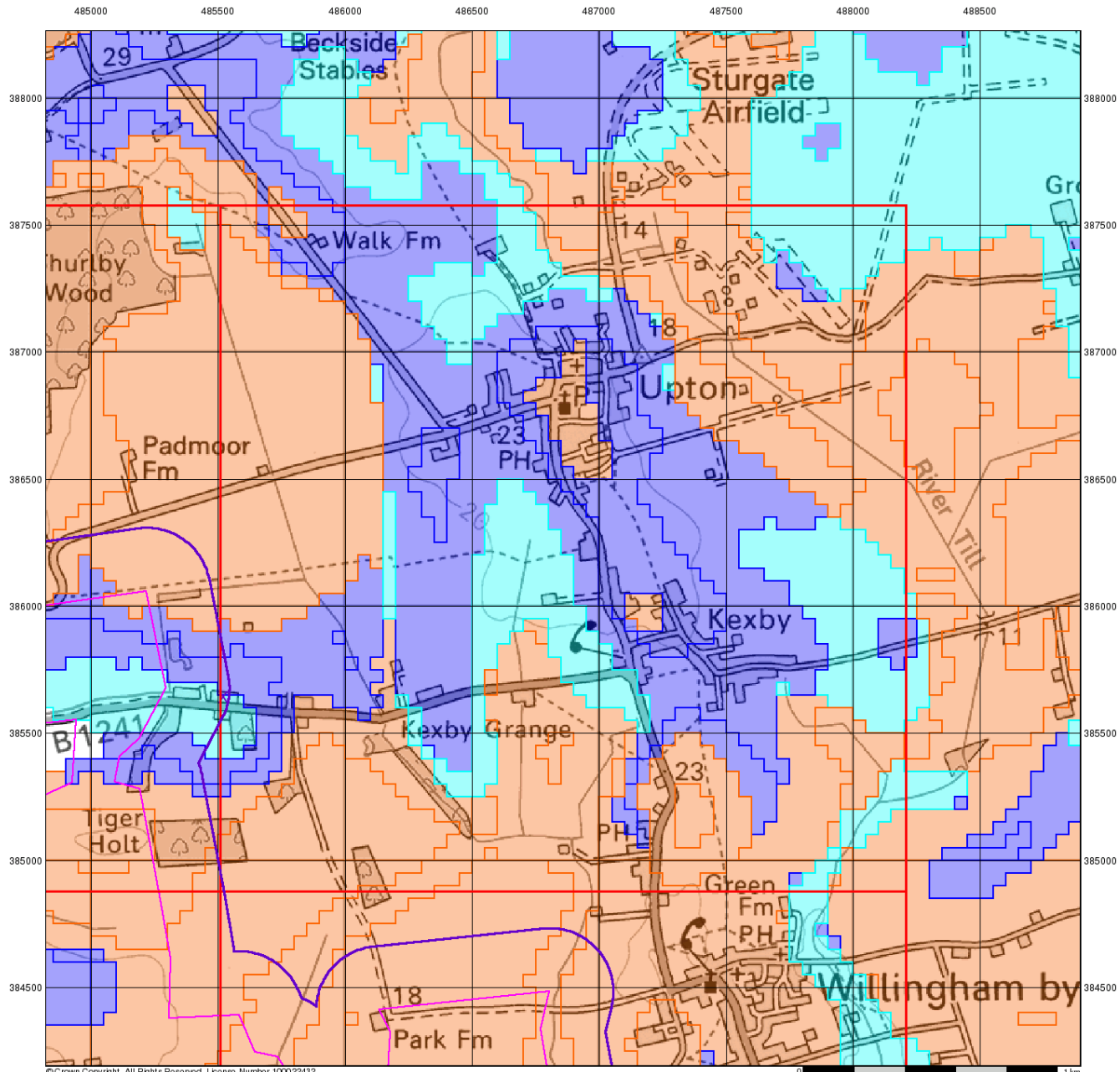
Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 485520, 385640
 Slice: I
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

Site Details

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BGS Flood GFS Data

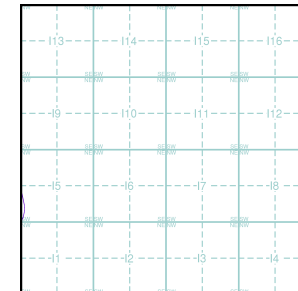
General

- 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 I



Order Details

Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 485520, 385640
 Slice: I
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

Site Details

Marton, GAINSBOROUGH, Lincolnshire, DN21 5AA



Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: (REDACTED)



General

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

Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
- ◆ Contaminated Land Register Entry or Notice
- ◆ Discharge Consent
- ▲ Enforcement or Prohibition Notice
- ▲ Integrated Pollution Control
- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Prevention and Control
- ▲ Local Authority Pollution Prevention and Control
- ▼ Local Authority Pollution Prevention and Control Enforcement
- Pollution Incident to Controlled Waters
- ▼ 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

Waste

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

Geological

- ▼ BGS Recorded Mineral Site

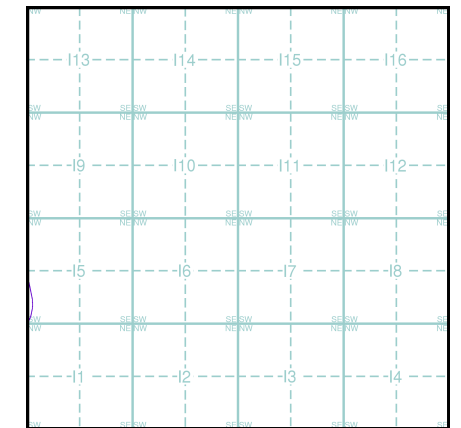
Industrial Land Use

- ★ Contemporary Trade Directory Entry
- ★ Fuel Station Entry

Hazardous Substances

- X COMAH Site
- X Explosive Site
- X NIHS Site
- X Planning Hazardous Substance Consent
- X Planning Hazardous Substance Enforcement

Site Sensitivity Map - Slice I



Order Details

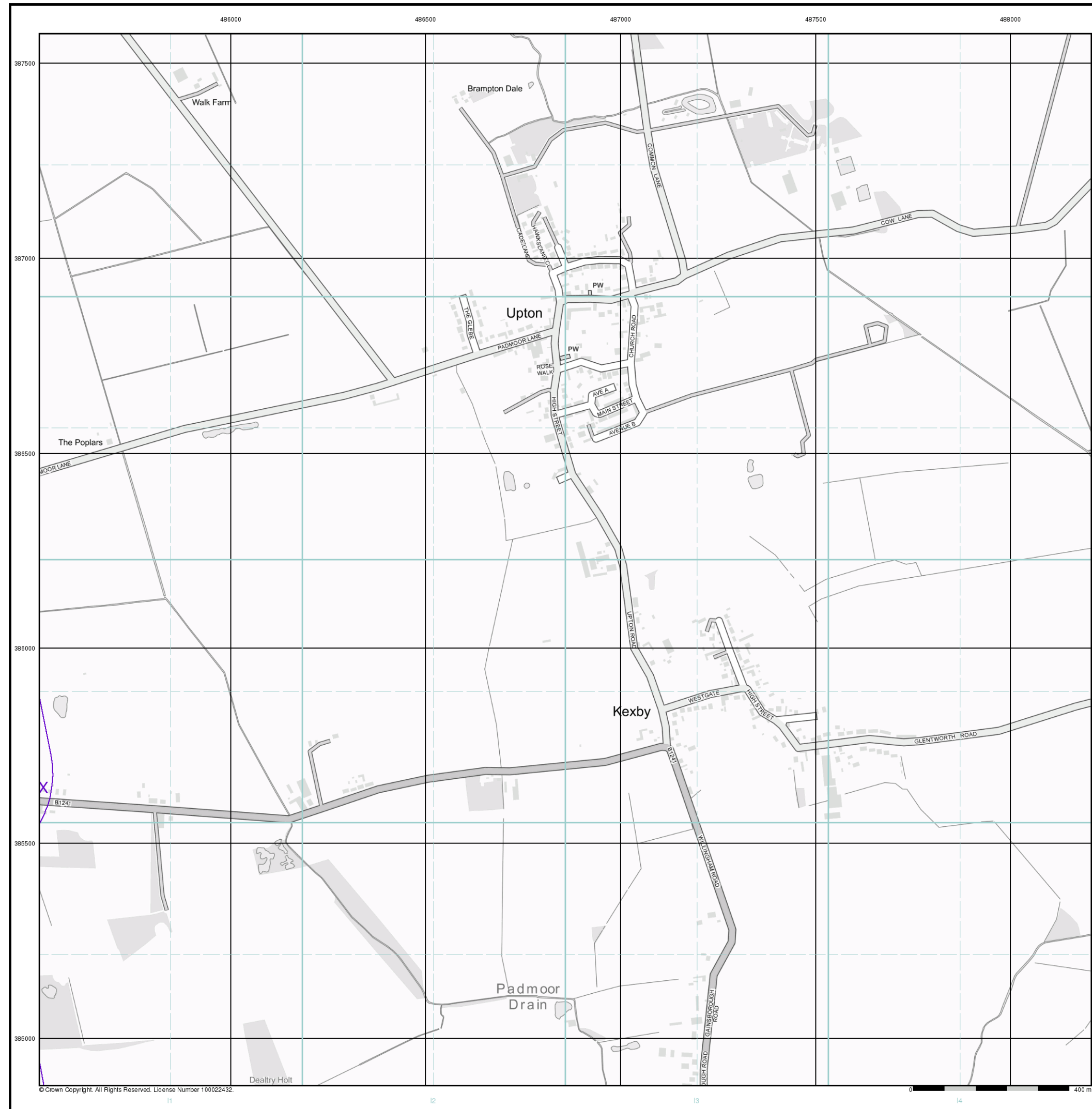
Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 485520, 385640
 Slice: I
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

Site Details

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Tel: 0844 844 9952
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 Web: (REDACTED)








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Industrial Land Use Map

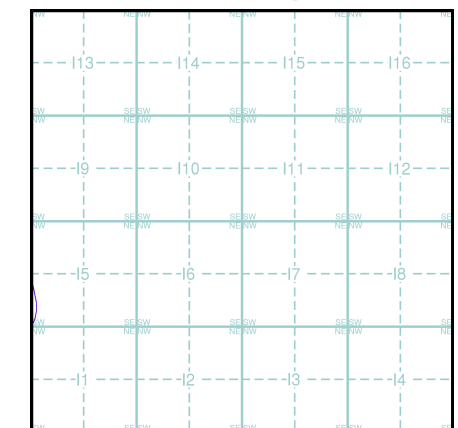
General

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

Industrial Land Use

-  Contemporary Trade Directory Entry
-  Fuel Station Entry
-  Gas Pipeline
-  Underground Electrical Cables

Industrial Land Use Map - Slice I



Order Details

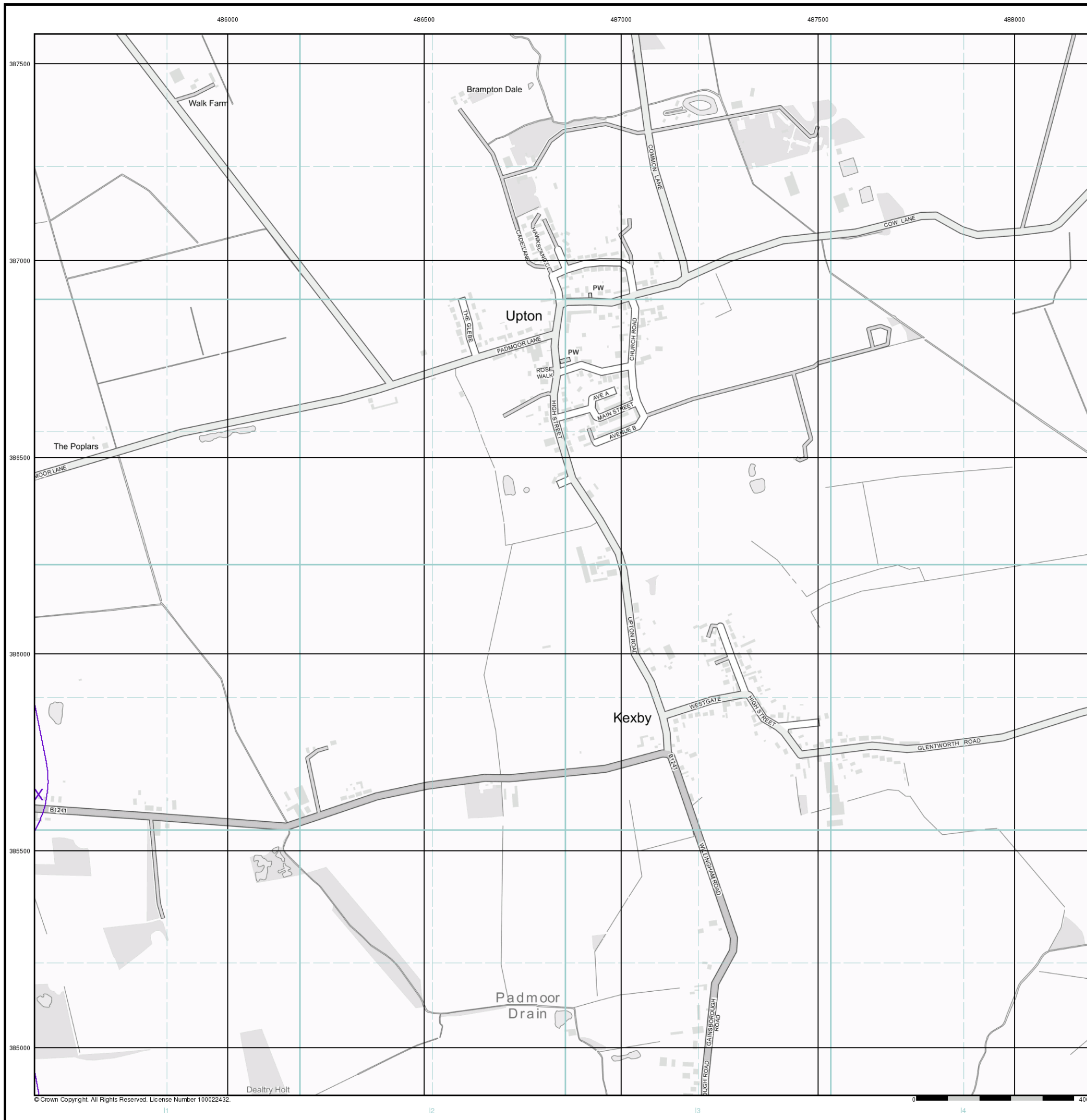
Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 485520, 385640
 Slice: I
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

Site Details

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 Web: (REDACTED)



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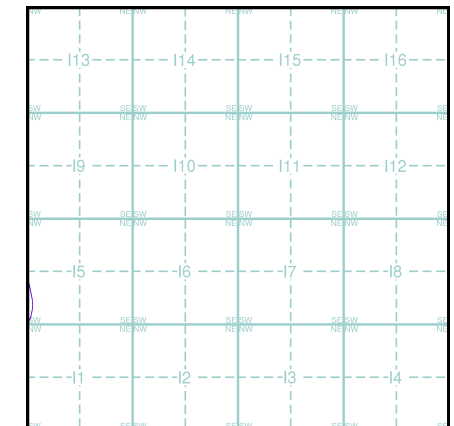
General

- 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 I



Order Details

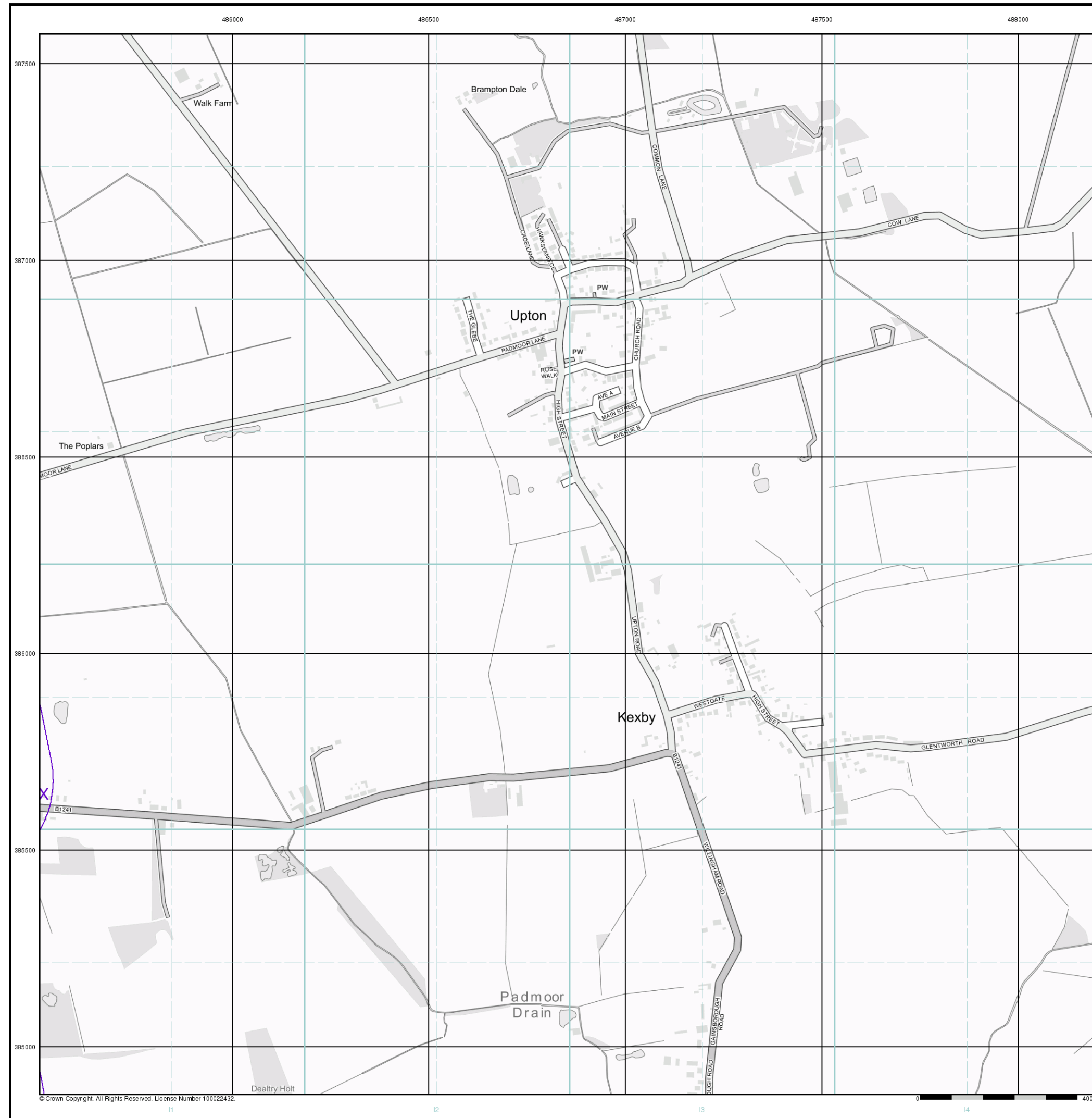
Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 485520, 385640
 Slice: I
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

Site Details

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 Web: (REDACTED)



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General

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

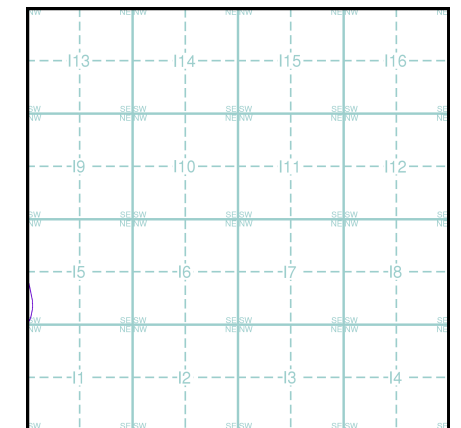
Agency and Hydrological (Boreholes)

- 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 (REDACTED).

Borehole Map - Slice I



Order Details

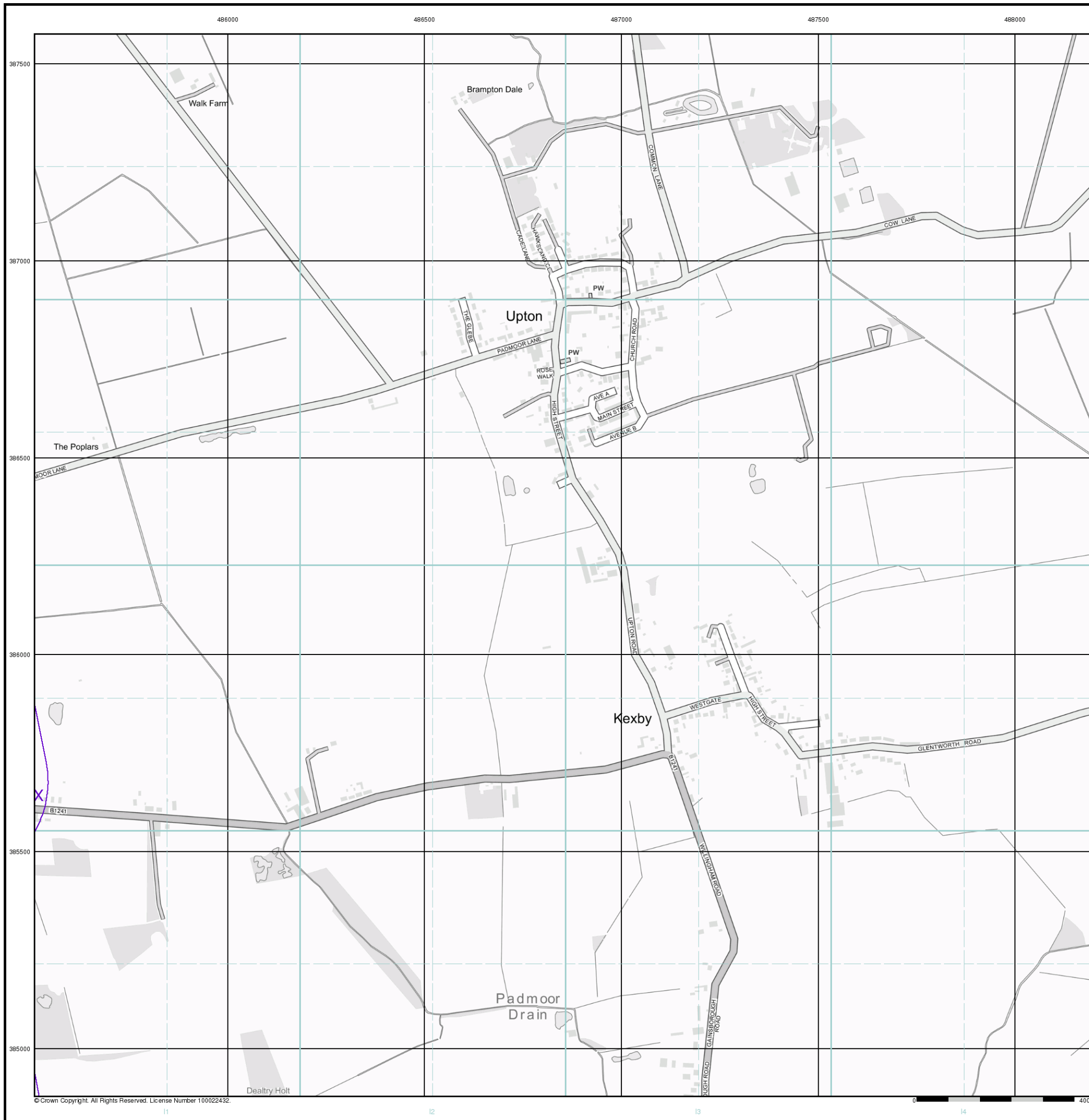
Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 485520, 385640
 Slice: I
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

Site Details

Marton, GAINSBOROUGH, Lincolnshire, DN21 5AA



Tel: 0844 844 9952
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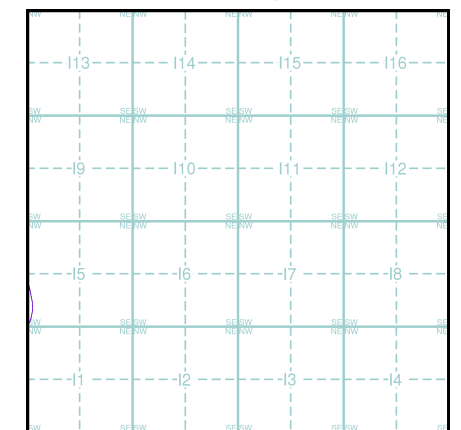
General

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

OS Water Network Data

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

OS Water Network Map - Slice I



Order Details

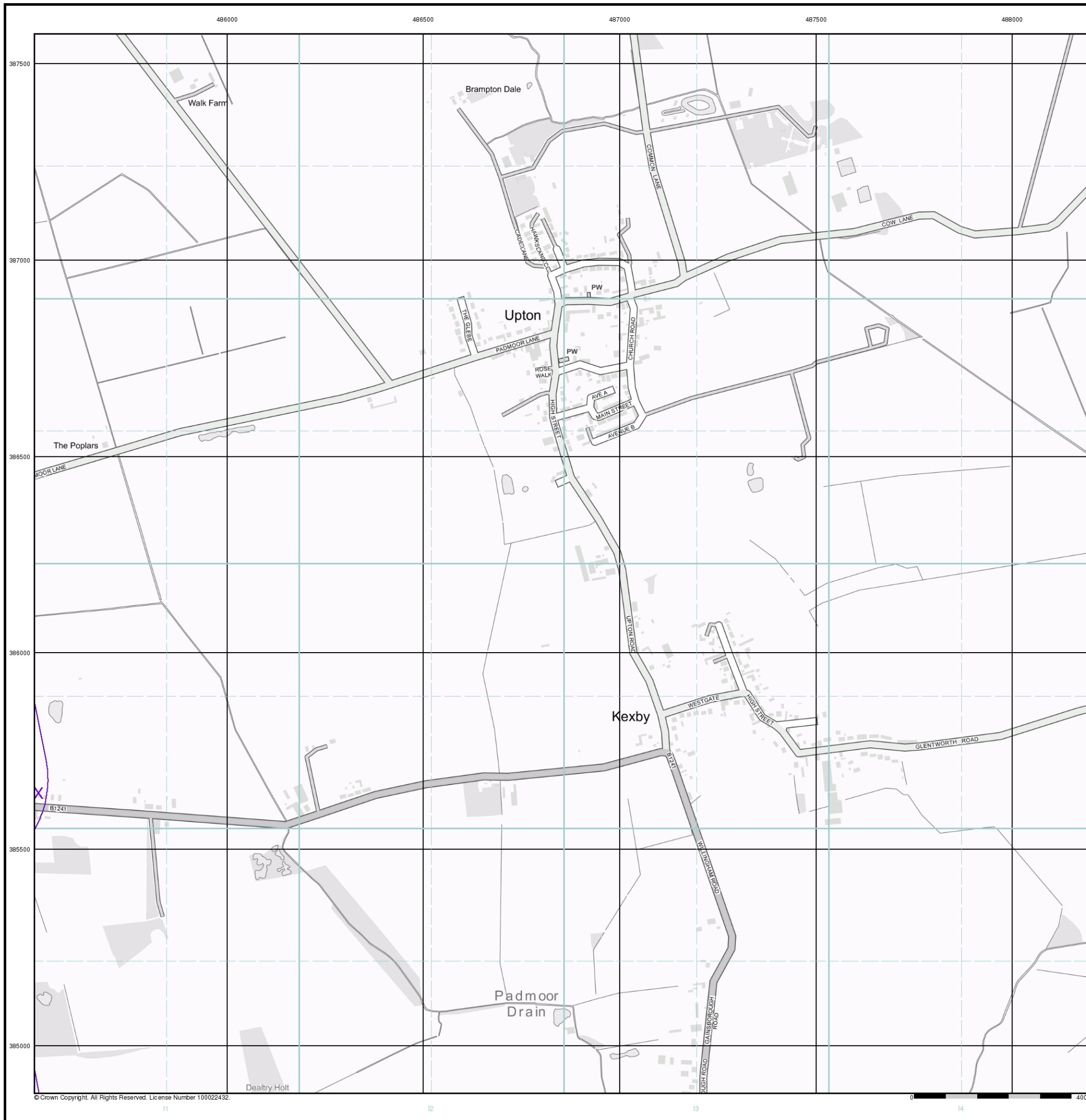
Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 485520, 385640
 Slice: I
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

Site Details

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 Web: (REDACTED)



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Index Map

For ease of identification, your site and buffer have been split into Slices, Segments and Quadrants. These are illustrated on the Index Map opposite and explained further below.

Slice

Each slice represents a 1:10,000 plot area (2.7km x 2.7km) for your site and buffer. A large site and buffer may be made up of several slices (represented by a red outline), that are referenced by letters of the alphabet, starting from the bottom left corner of the slice "grid". This grid does not relate to National Grid lines but is designed to give best fit over the site and buffer.

Segment

A segment represents a 1:2,500 plot area. Segments that have plot files associated with them are shown in dark green, others in light blue. These are numbered from the bottom left hand corner within each slice.

Quadrant

A quadrant is a quarter of a segment. These are labelled as NW, NE, SW, SE and are referenced in the datasheet to allow features to be quickly located on plots. Therefore a feature that has a quadrant reference of A7NW will be in Slice A, Segment 7 and the NW Quadrant.

A selection of organisations who provide data within this report:



Envirocheck reports are compiled from 136 different sources of data.

Client Details

Mr D Abberley, AECOM Ltd, Colmore Plaza, Colmore Circus, Queensway, Birmingham, B4 6AT

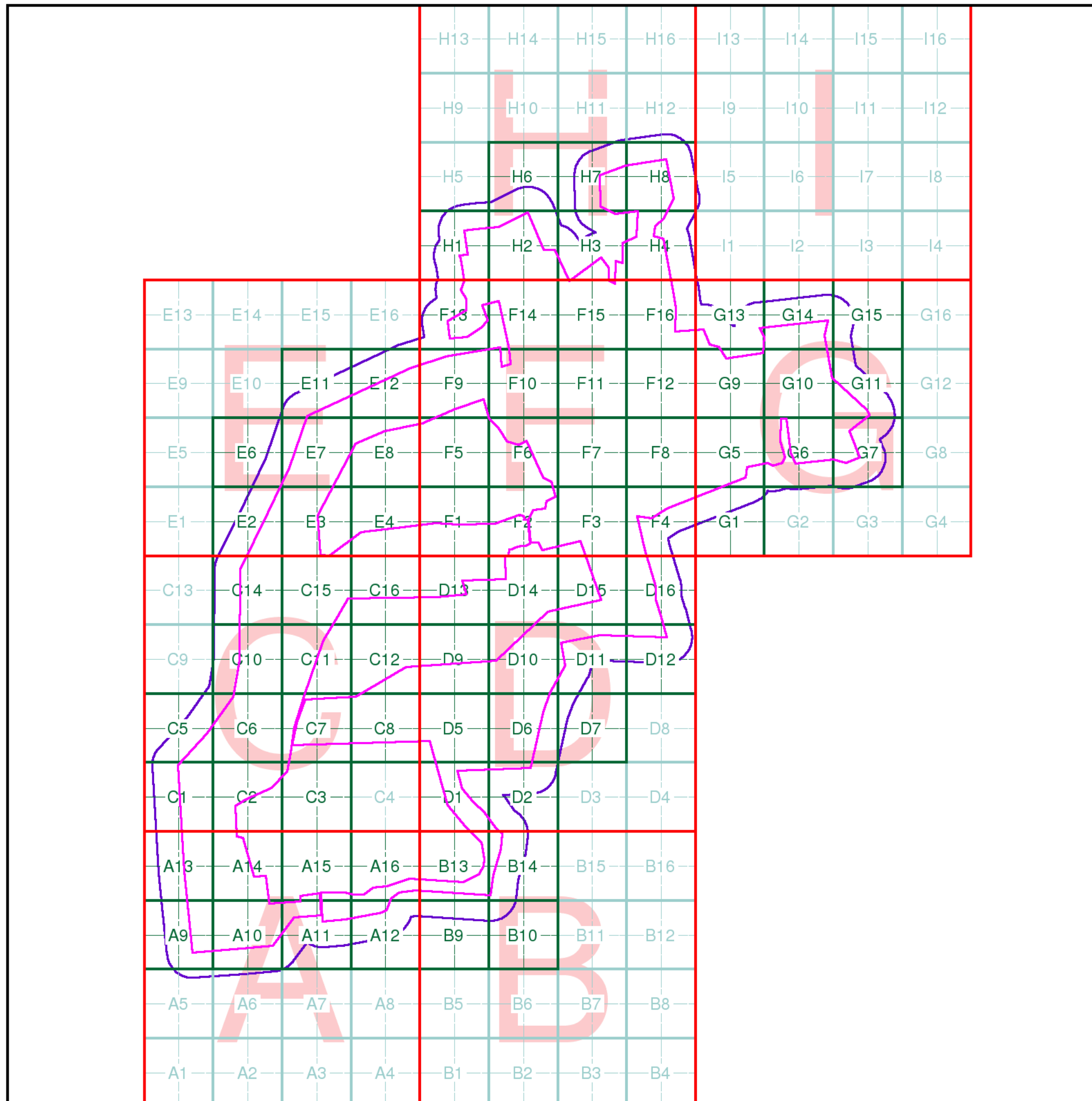
Order Details

Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 483520, 382400
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

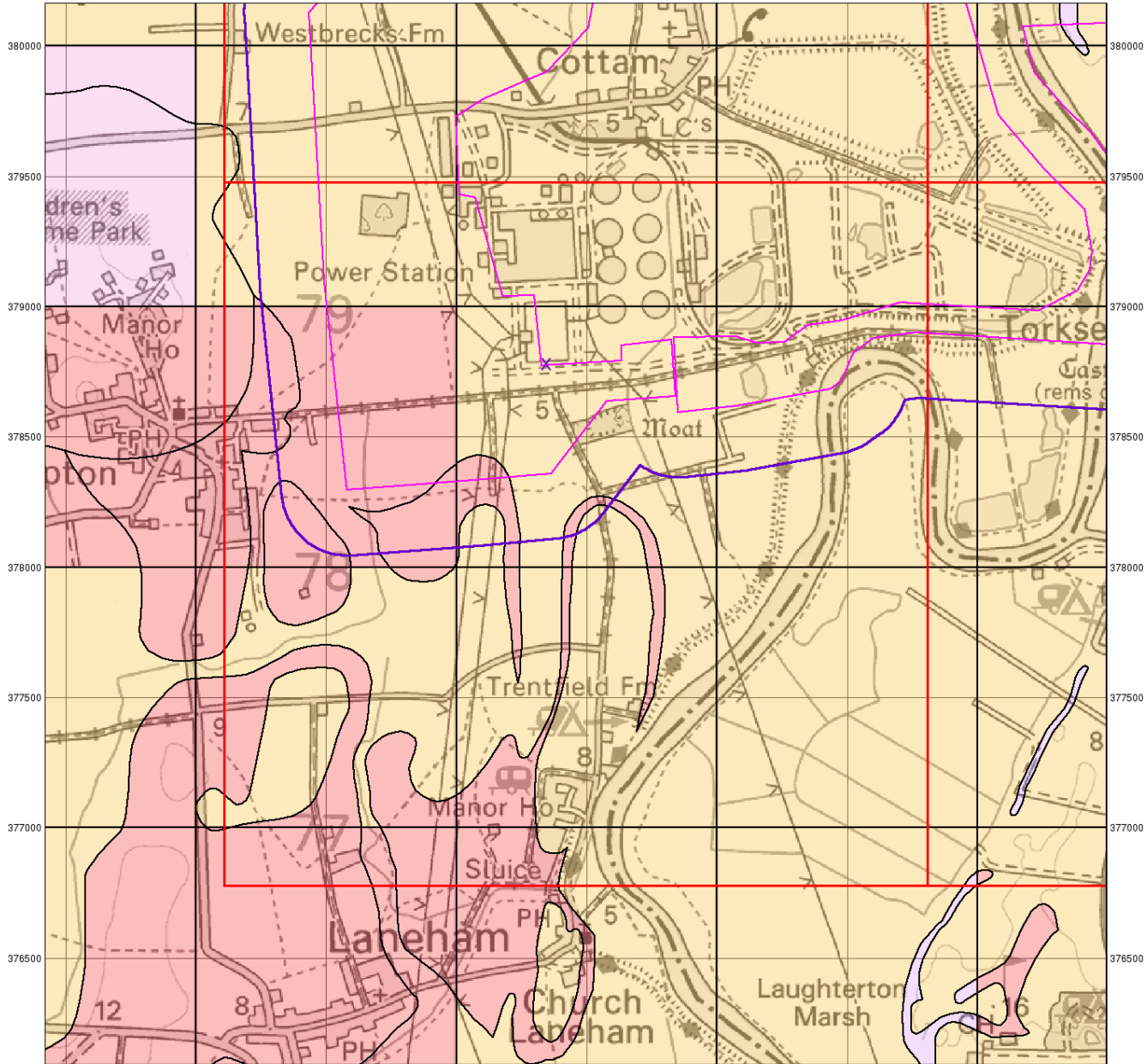
Site Details

Marton, GAINSBOROUGH, Lincolnshire, DN21 5AA

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0 1 km



Groundwater Vulnerability

General

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

Agency and Hydrological

Bedrock Aquifers

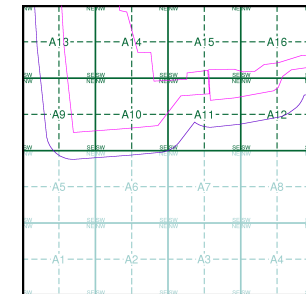
- High Vulnerability, Principal Aquifer
- High Vulnerability, Secondary Aquifer
- Medium Vulnerability, Principal Aquifer
- Medium Vulnerability, Secondary Aquifer
- Low Vulnerability, Principal Aquifer
- Low Vulnerability, Secondary Aquifer

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

- Unproductive Aquifer
- Soluble Rock

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 481350, 378780
 Slice: A
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

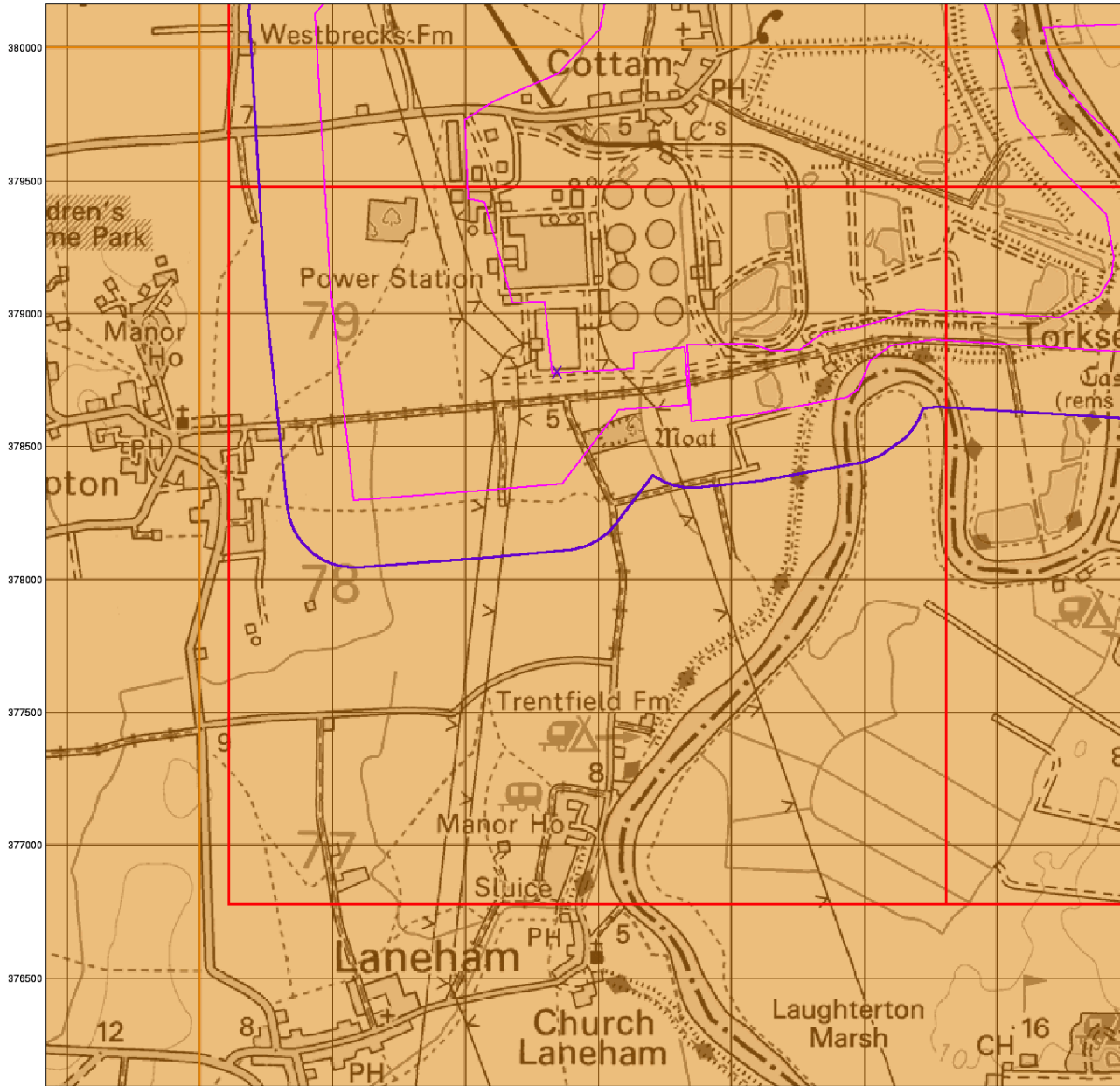
Site Details

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0 1 km



Bedrock Aquifer Designation

General

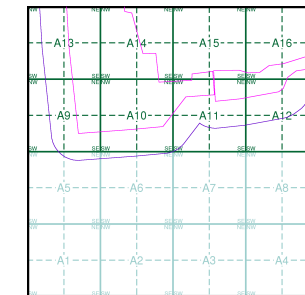
- ▭ Specified Site
- ▭ Specified Buffer(s)
- X Bearing Reference Point
- ▭ Slice
- B Map ID

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 A



Order Details

Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 481350, 378780
 Slice: A
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

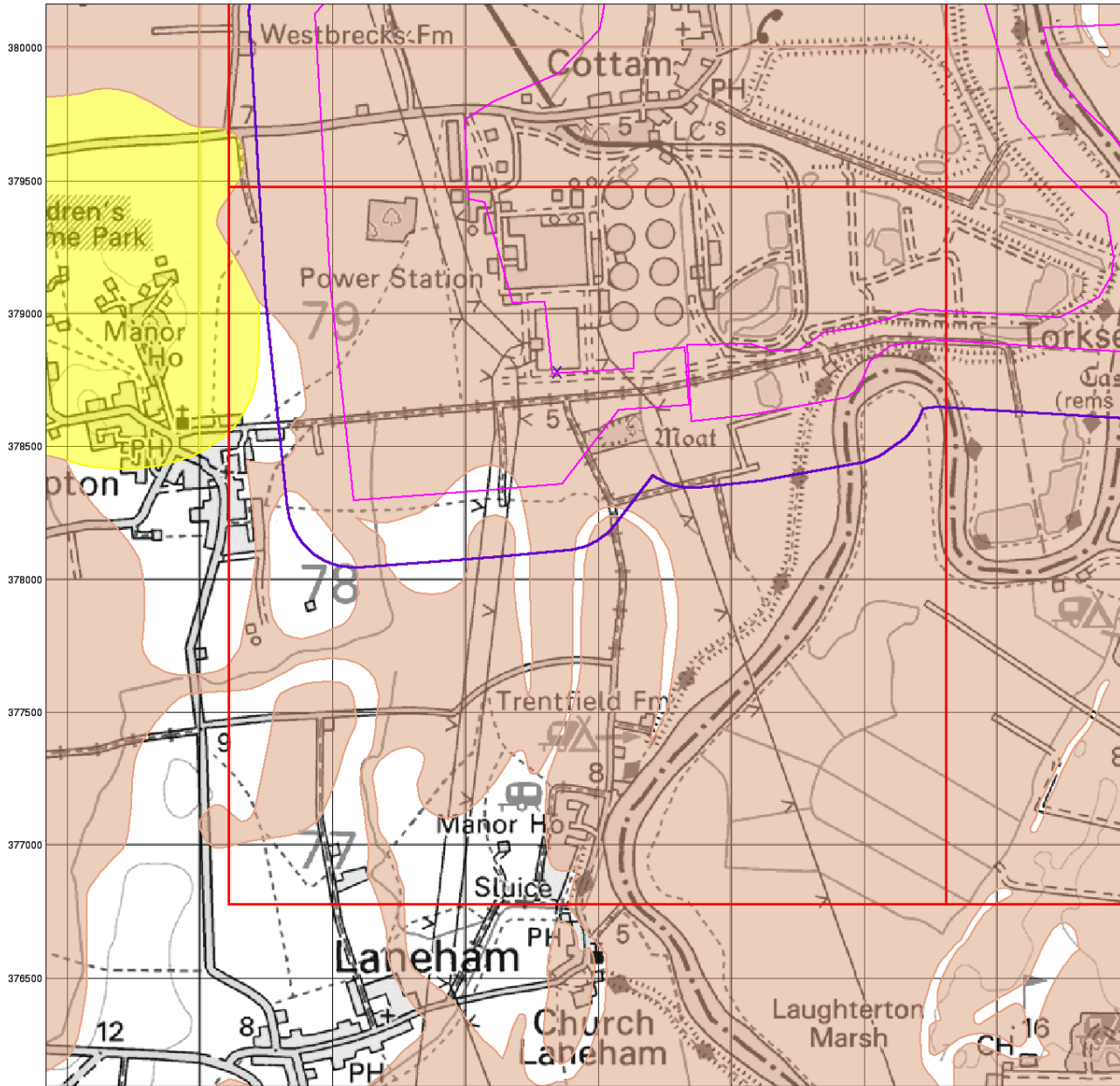
Site Details

Marton, GAINSBOROUGH, Lincolnshire, DN21 5AA



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 Fax: 0844 844 9951
 Web: (REDACTED)

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0 1 km



Superficial Aquifer Designation

General

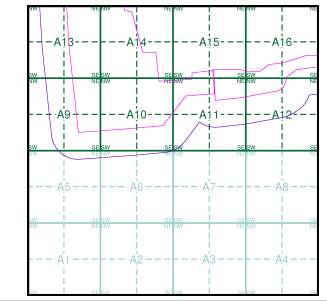
- ▭ Specified Site
- ▭ Specified Buffer(s)
- X Bearing Reference Point
- ▭ Slice
- B Map ID

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 A



Order Details

Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 481350, 378780
 Slice: A
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

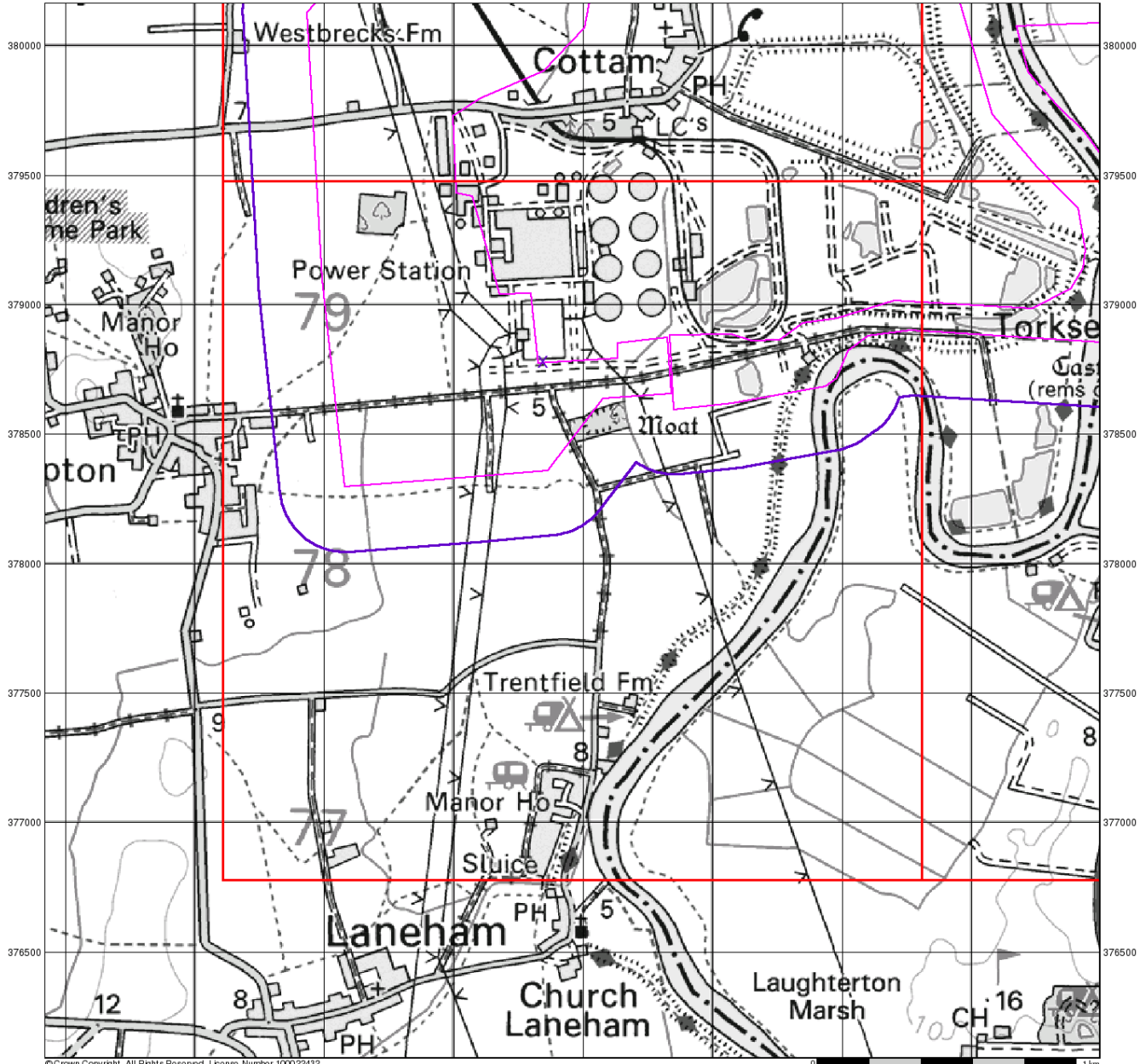
Site Details

Marton, GAINSBOROUGH, Lincolnshire, DN21 5AA



Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: (REDACTED)

479500 480000 480500 481000 481500 482000 482500 483000



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Source Protection Zones

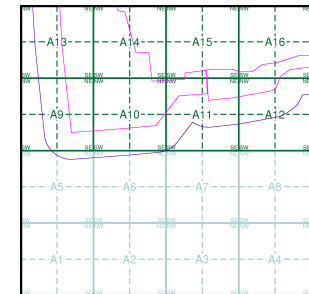
General

- 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 A



Order Details

Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 481350, 378780
 Slice: A
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

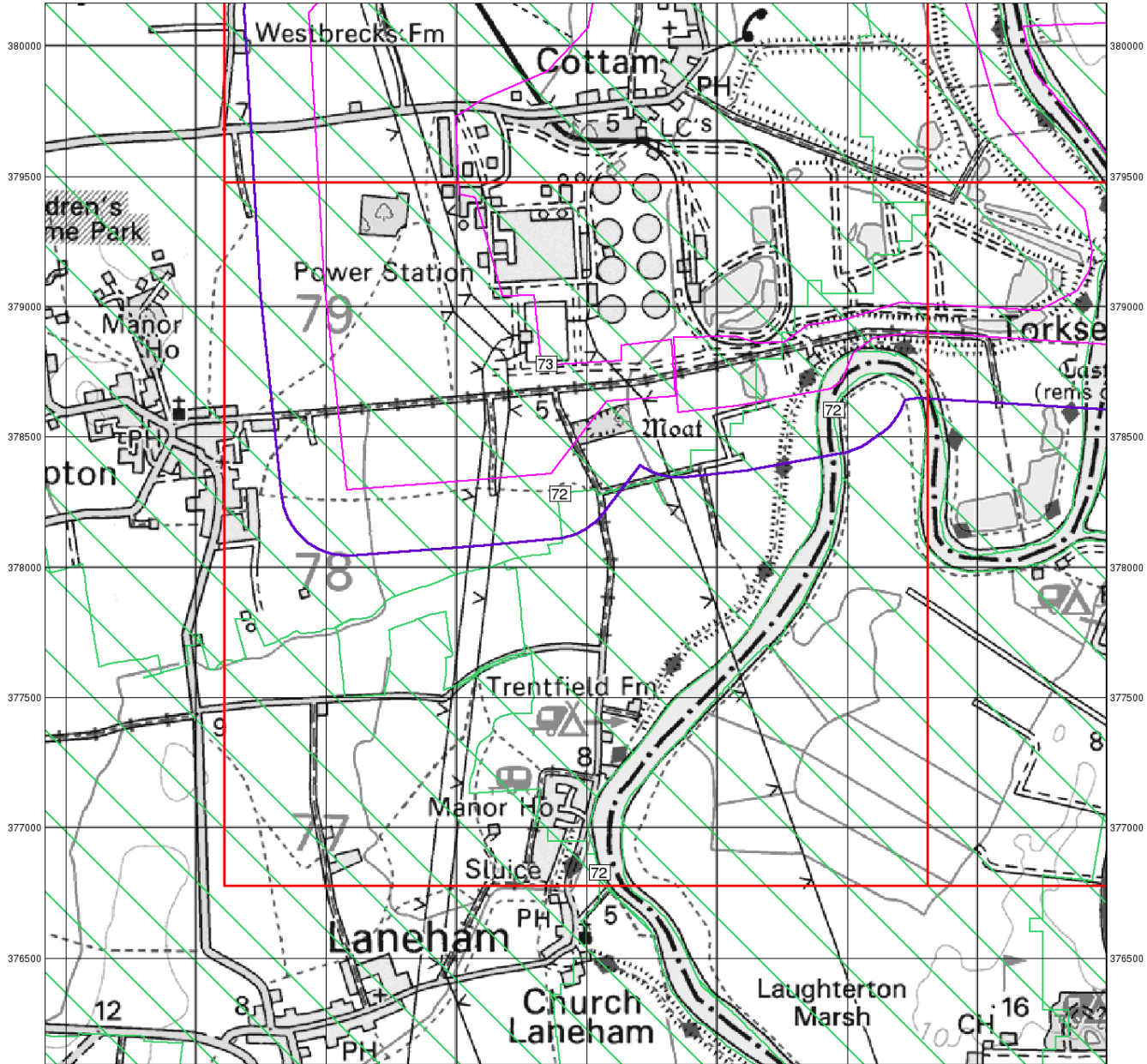
Site Details

Marton, GAINSBOROUGH, Lincolnshire, DN21 5AA



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 Web: (REDACTED)

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Sensitive Land Uses

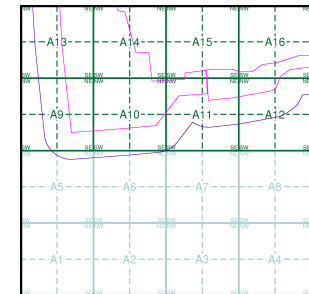
General

- 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 A



Order Details

Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 481350, 378780
 Slice: A
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

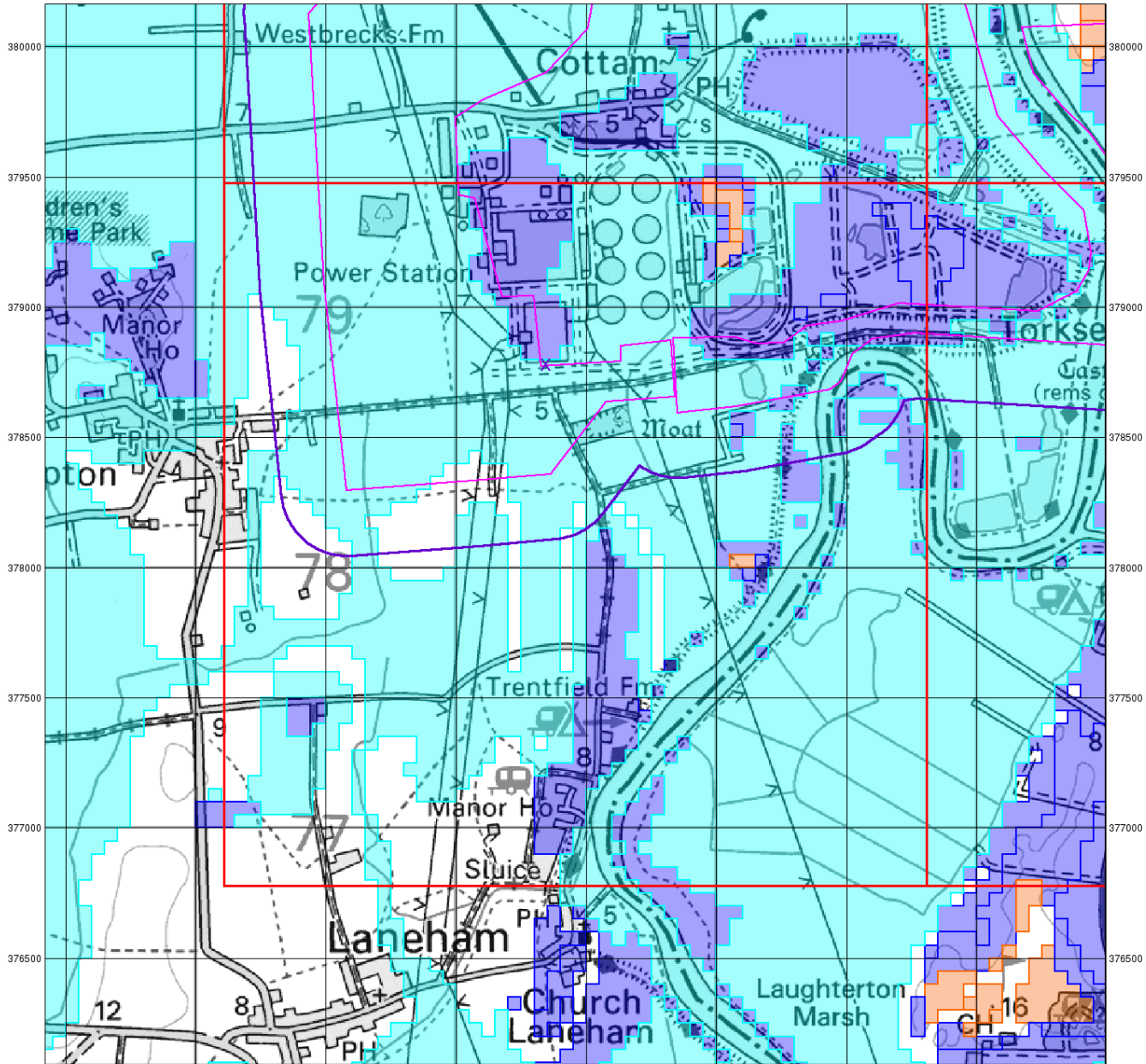
Site Details

Marton, GAINSBOROUGH, Lincolnshire, DN21 5AA



Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: (REDACTED)

479500 480000 480500 481000 481500 482000 482500 483000



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BGS Flood GFS Data

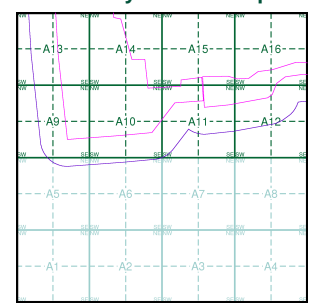
General

- 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 A



Order Details

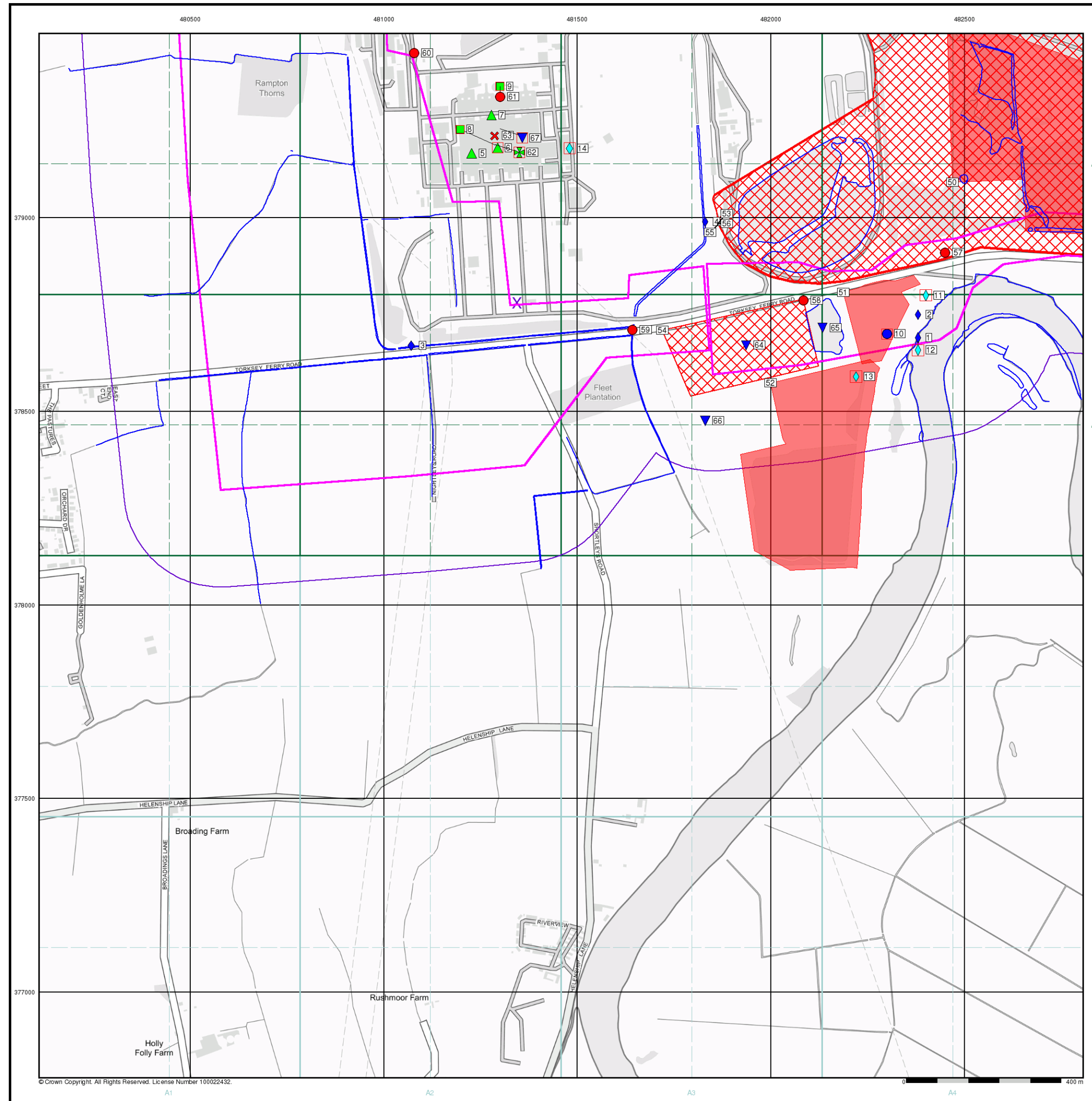
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 Slice: A
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

Site Details

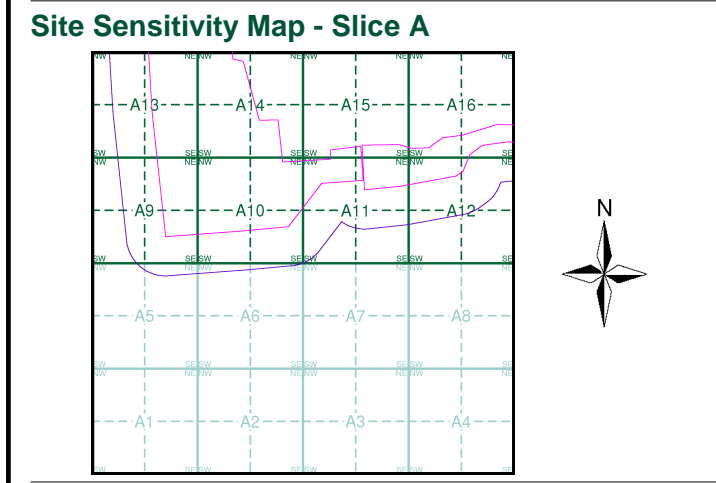
Marton, GAINSBOROUGH, Lincolnshire, DN21 5AA



Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: (REDACTED)



- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
 - Several of Type at Location
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
 - Contaminated Land Register Entry or Notice
 - Discharge Consent
 - Enforcement or Prohibition Notice
 - Integrated Pollution Control
 - Integrated Pollution Prevention Control
 - Local Authority Integrated Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control Enforcement
 - Pollution Incident to Controlled Waters
 - 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
- Waste**
- BGS Recorded Landfill Site (Location)
 - BGS Recorded Landfill Site
 - EA Historic Landfill (Buffered Point)
 - EA Historic Landfill (Polygon)
 - Integrated Pollution Control Registered Waste Site
 - Licensed Waste Management Facility (Landfill Boundary)
 - Licensed Waste Management Facility (Location)
 - Local Authority Recorded Landfill Site (Location)
 - Local Authority Recorded Landfill Site
 - Registered Landfill Site
 - Registered Landfill Site (Location)
 - Registered Landfill Site (Point Buffered to 100m)
 - Registered Landfill Site (Point Buffered to 250m)
 - Registered Waste Transfer Site (Location)
 - Registered Waste Transfer Site
 - Registered Waste Treatment or Disposal Site (Location)
 - Registered Waste Treatment or Disposal Site
- Geological**
- BGS Recorded Mineral Site
- Industrial Land Use**
- Contemporary Trade Directory Entry
 - Fuel Station Entry
- Hazardous Substances**
- COMAH Site
 - Explosive Site
 - NIHHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement



Order Details






Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 481350, 378780
 Slice: A
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

Site Details
 Marton, GAINSBOROUGH, Lincolnshire, DN21 5AA







Industrial Land Use Map

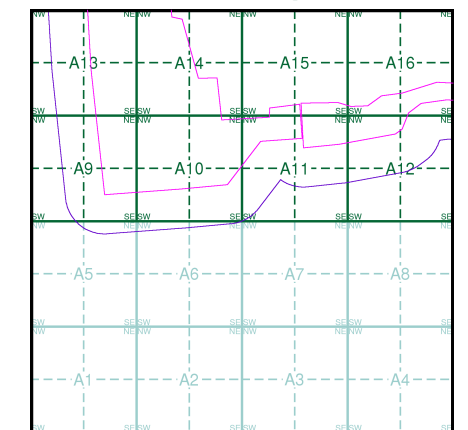
General

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

Industrial Land Use

-  Contemporary Trade Directory Entry
-  Fuel Station Entry
-  Gas Pipeline
-  Underground Electrical Cables

Industrial Land Use Map - Slice A



Order Details

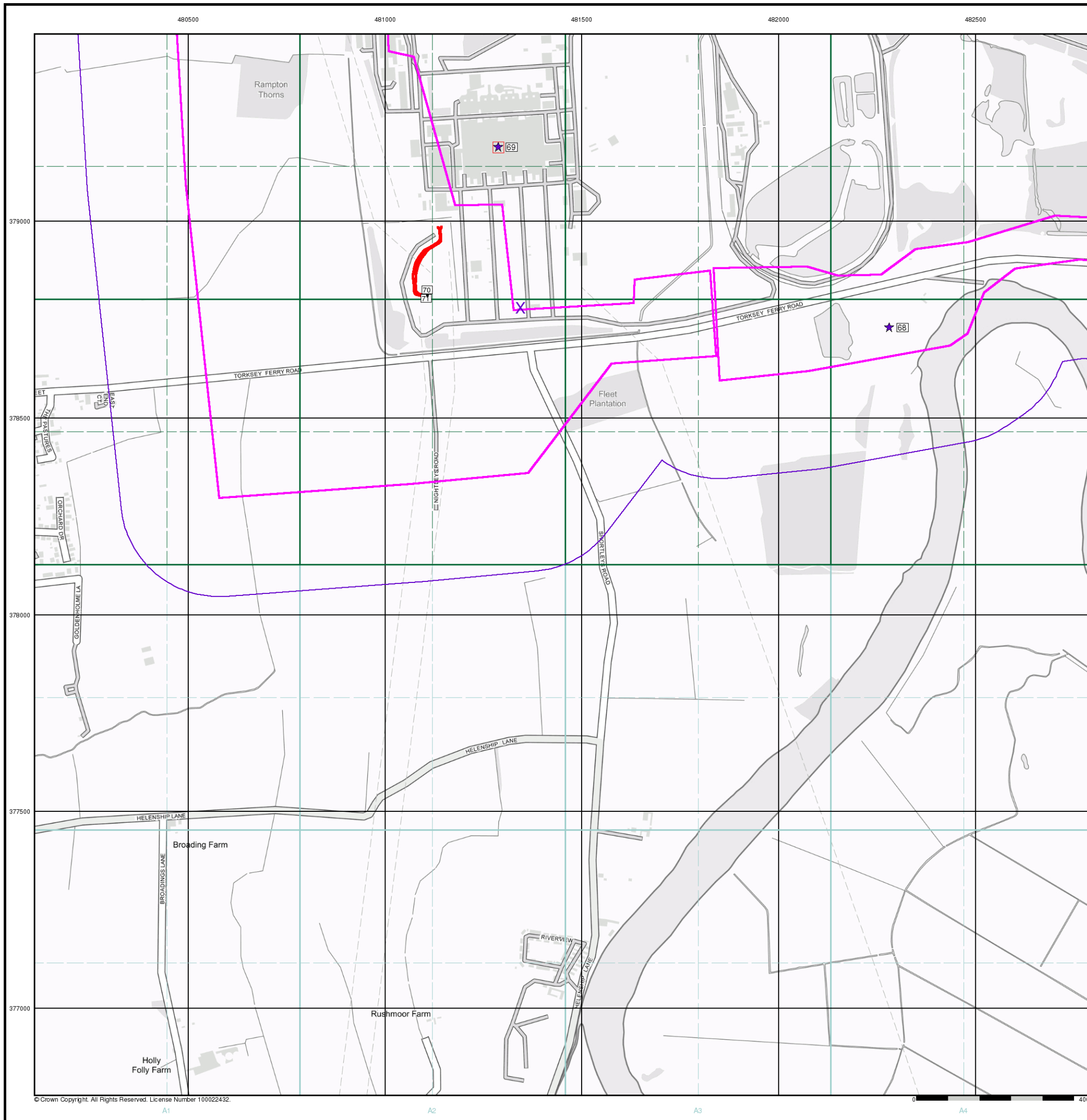
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 Customer Ref: 60664324
 National Grid Reference: 481350, 378780
 Slice: A
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

Site Details

Marton, GAINSBOROUGH, Lincolnshire, DN21 5AA



Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: (REDACTED)



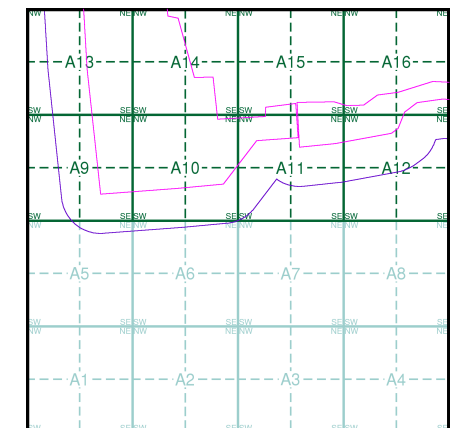
General

- 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 A



Order Details

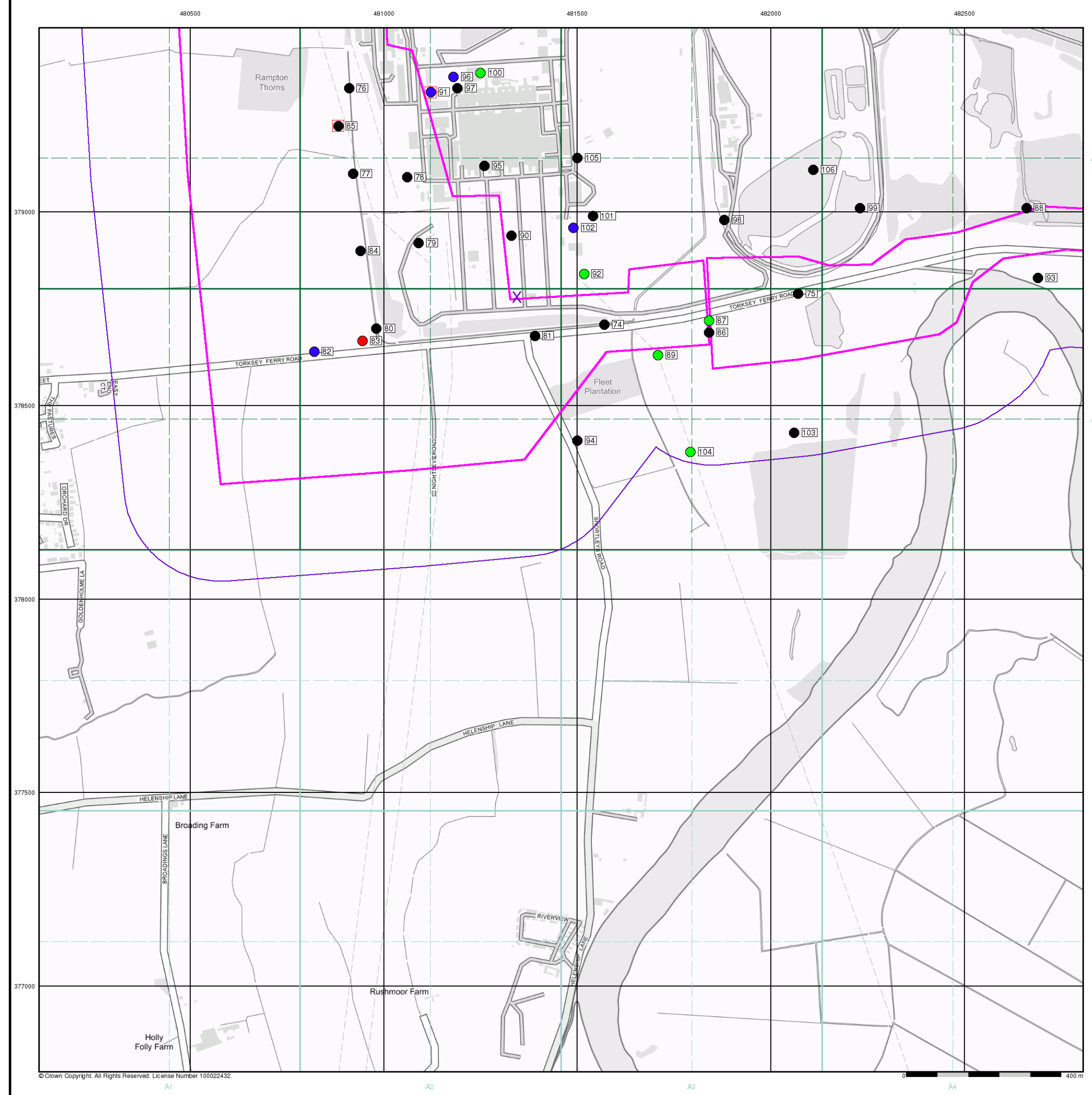
Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 481350, 378780
 Slice: A
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

Site Details

Marton, GAINSBOROUGH, Lincolnshire, DN21 5AA



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General

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

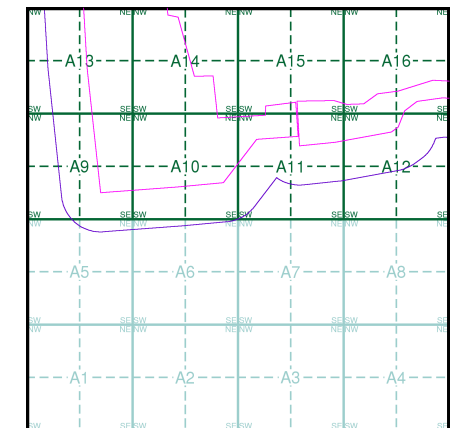
Agency and Hydrological (Boreholes)

- 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 (REDACTED).

Borehole Map - Slice A



Order Details

Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 481350, 378780
 Slice: A
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

Site Details

Marton, GAINSBOROUGH, Lincolnshire, DN21 5AA



Tel: 0844 844 9952
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 Web: (REDACTED)



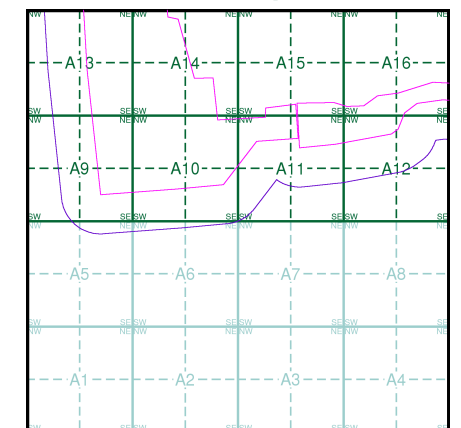
General

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

OS Water Network Data

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

OS Water Network Map - Slice A



Order Details

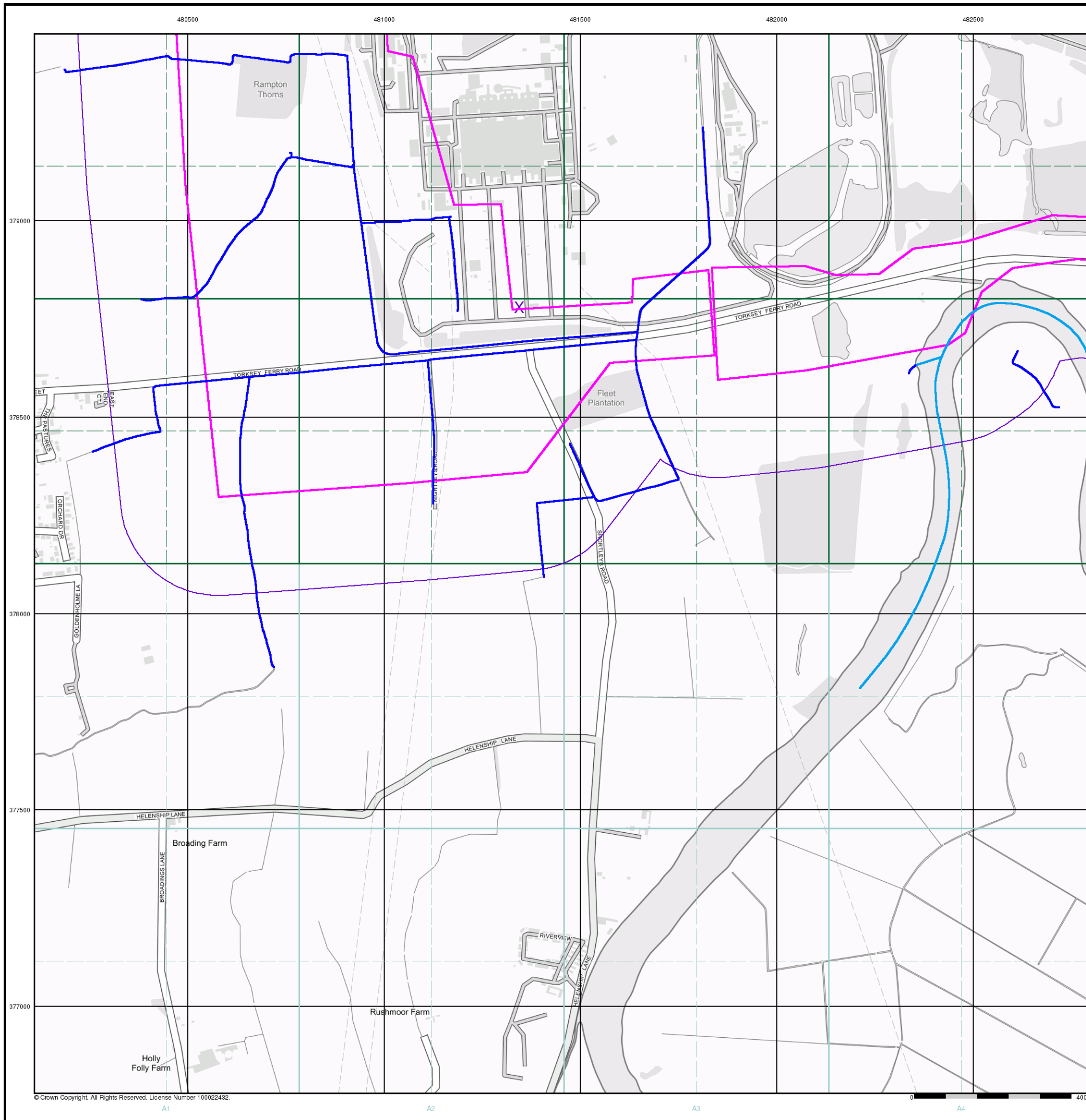
Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 481350, 378780
 Slice: A
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

Site Details

Marton, GAINSBOROUGH, Lincolnshire, DN21 5AA

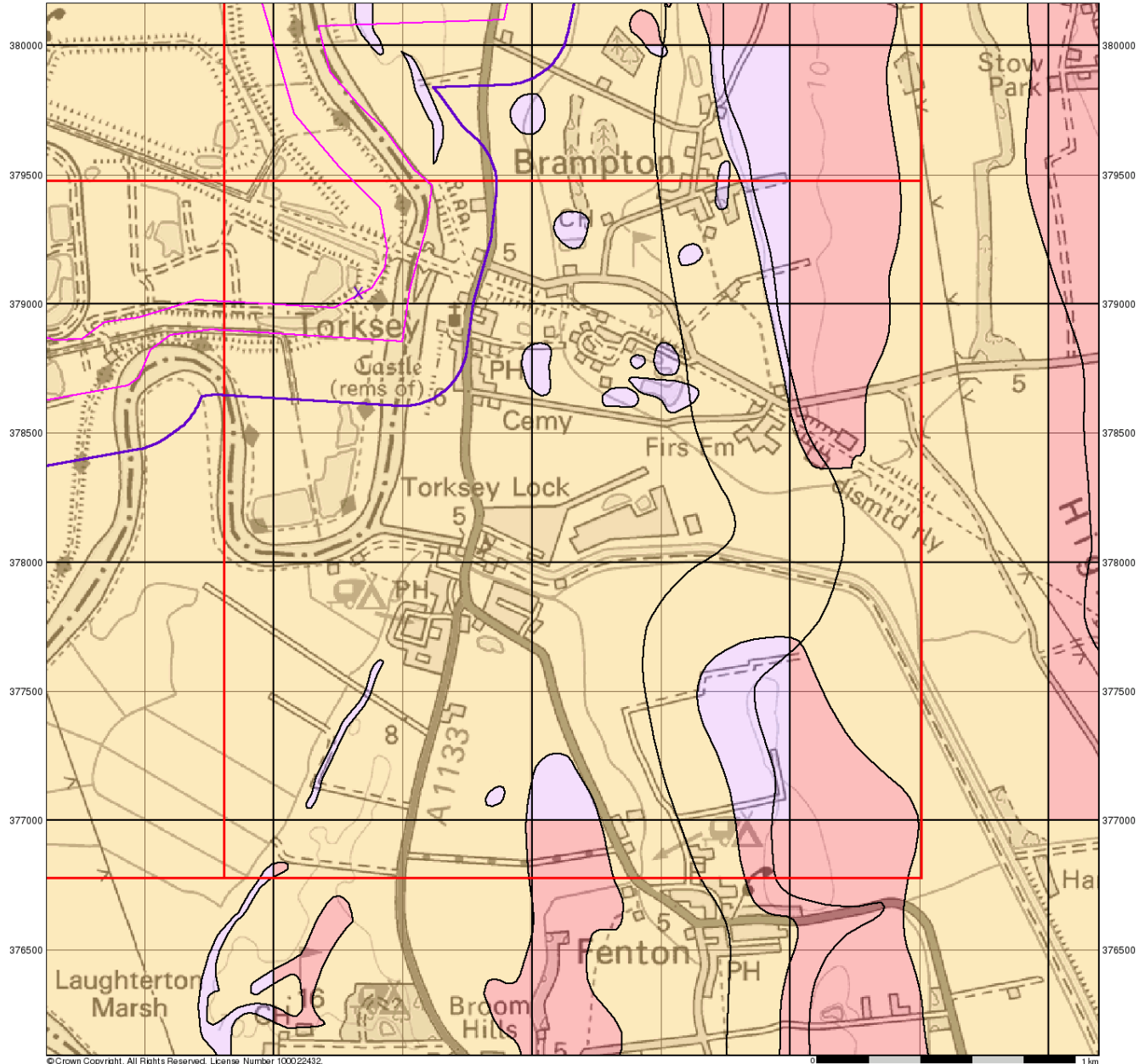


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482500 483000 483500 484000 484500 485000 485500 486000



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0 1 km



Groundwater Vulnerability

General

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

Agency and Hydrological

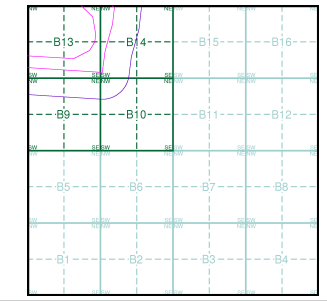
Bedrock Aquifers

- 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 B



Order Details

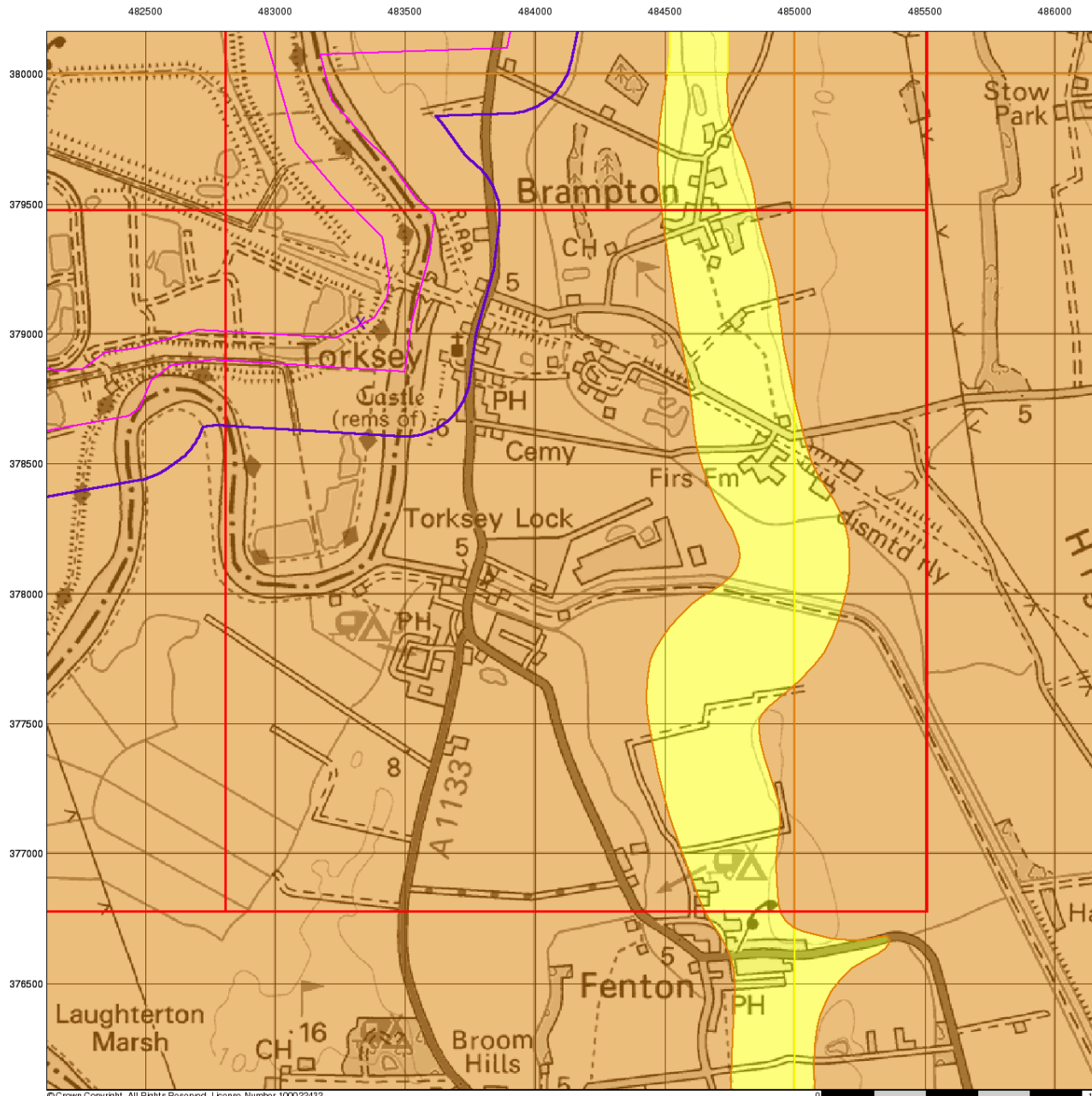
Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 483330, 379040
 Slice: B
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

Site Details

Marton, GAINSBOROUGH, Lincolnshire, DN21 5AA



Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: (REDACTED)



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0 1 km



Bedrock Aquifer Designation

General

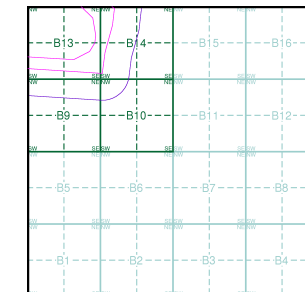
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

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 B



Order Details

Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 483330, 379040
 Slice: B
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

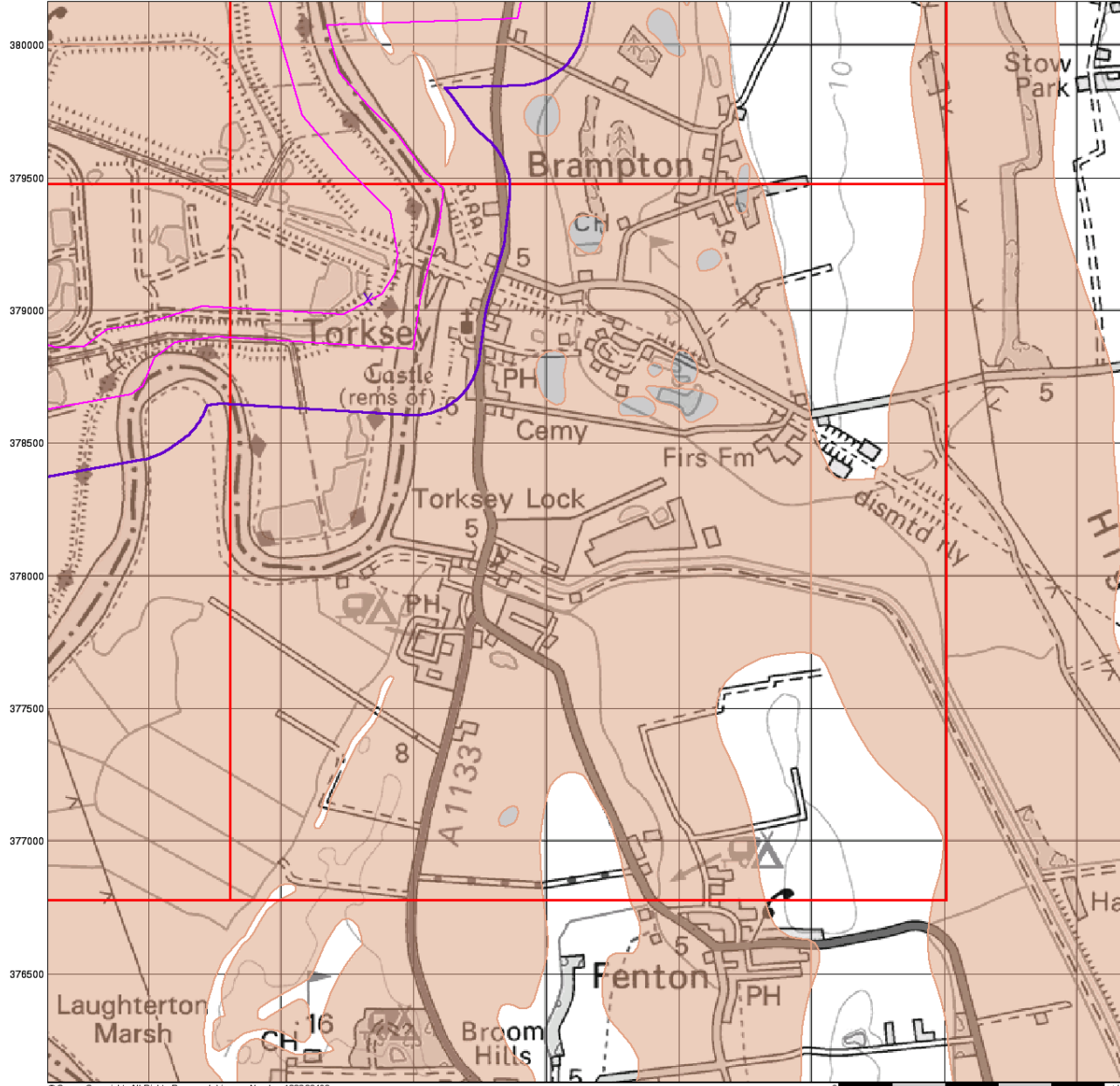
Site Details

Marton, GAINSBOROUGH, Lincolnshire, DN21 5AA



Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: (REDACTED)

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0 1 km



Superficial Aquifer Designation

General

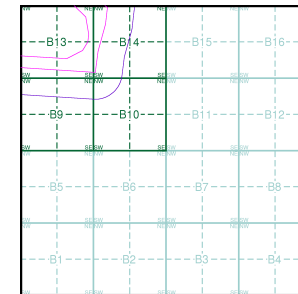
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

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 B



Order Details

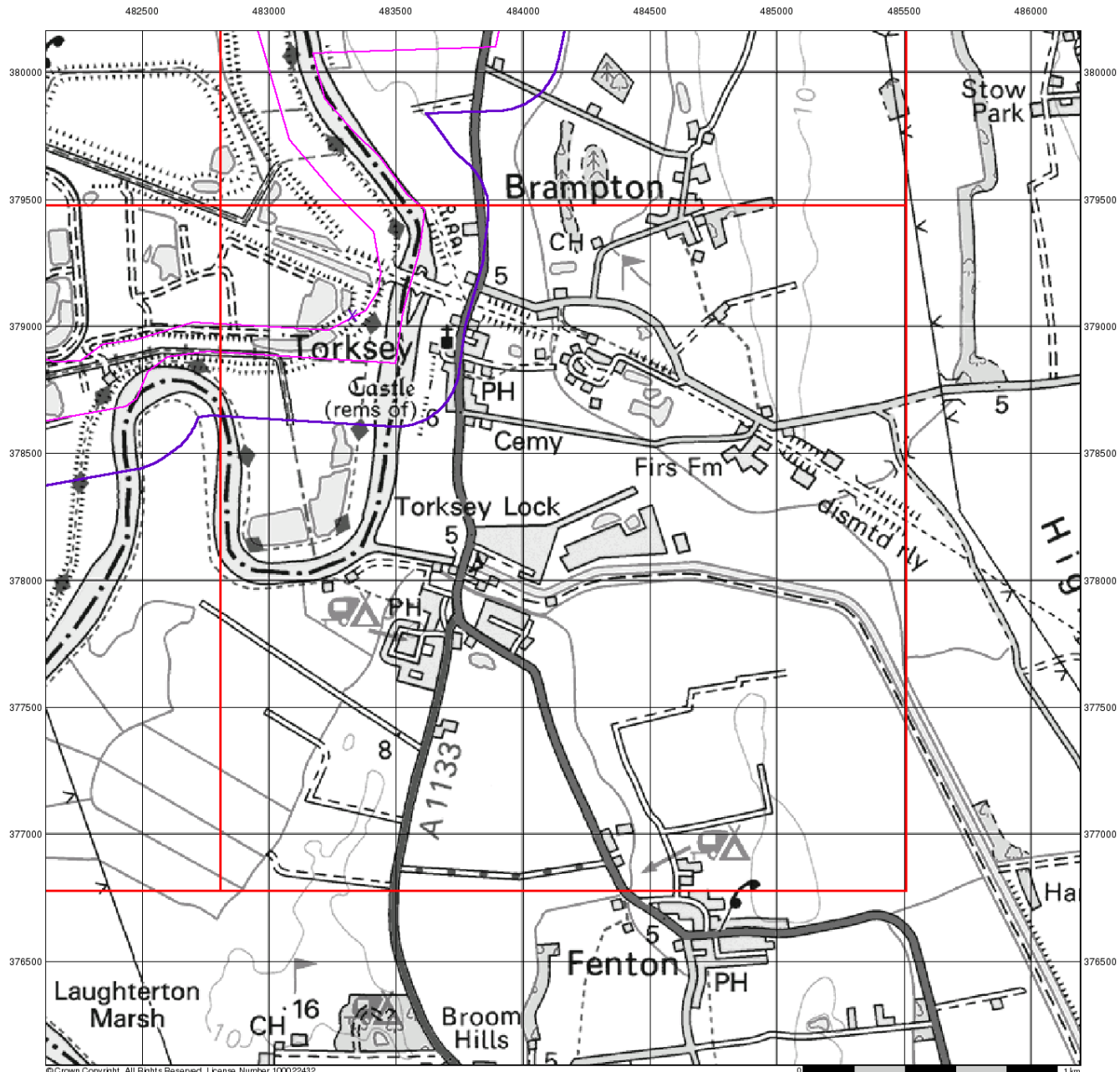
Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 483330, 379040
 Slice: B
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

Site Details

Marton, GAINSBOROUGH, Lincolnshire, DN21 5AA



Tel: 0844 844 9952
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Source Protection Zones

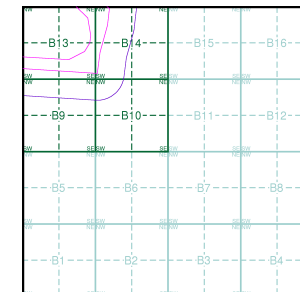
General

- 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 B



Order Details

Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 483330, 379040
 Slice: B
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

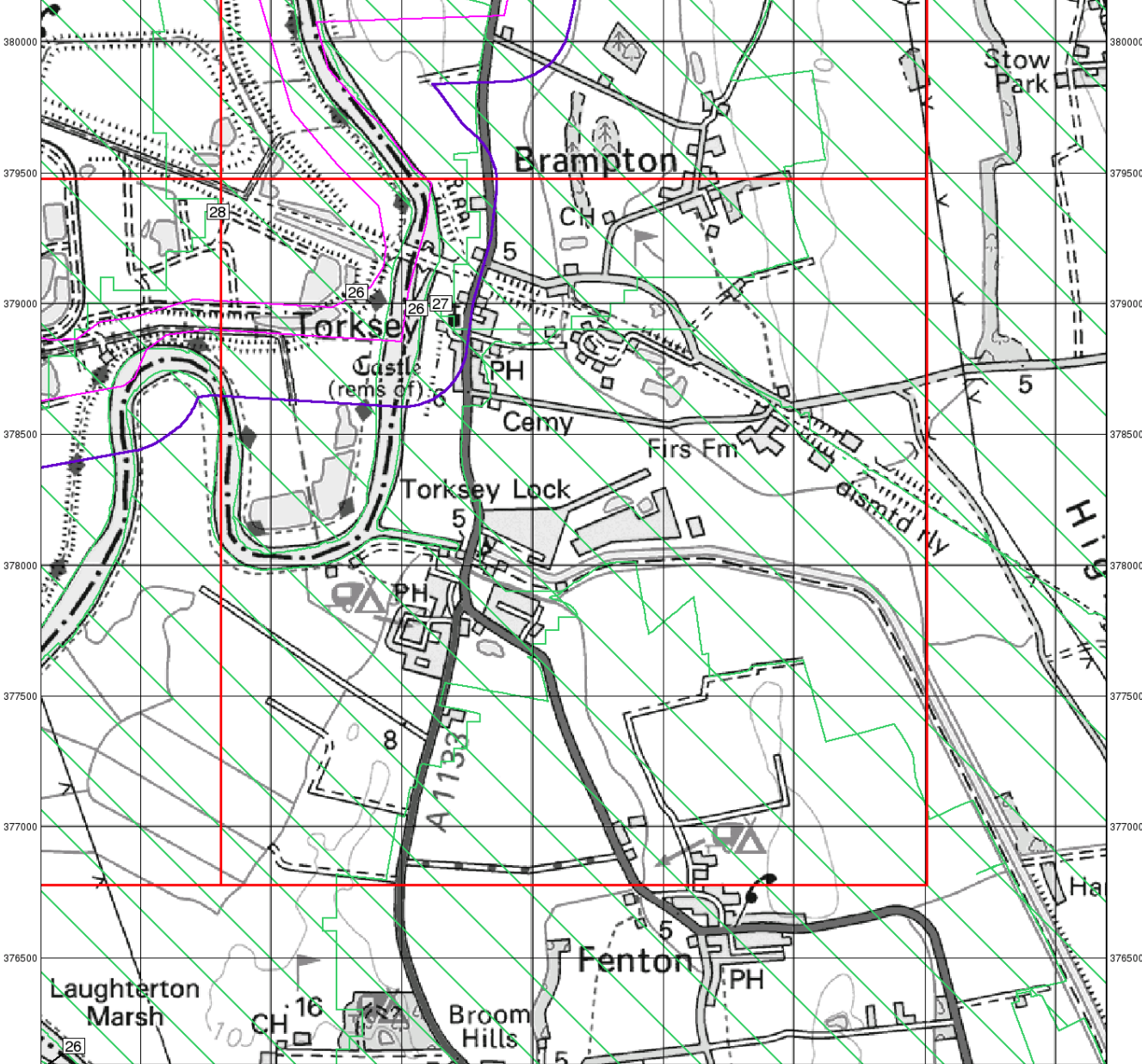
Site Details

Marton, GAINSBOROUGH, Lincolnshire, DN21 5AA



Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: (REDACTED)

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Sensitive Land Uses

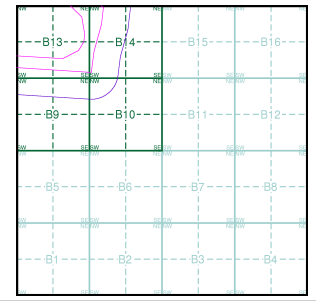
General

- 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 B



Order Details

Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 483330, 379040
 Slice: B
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

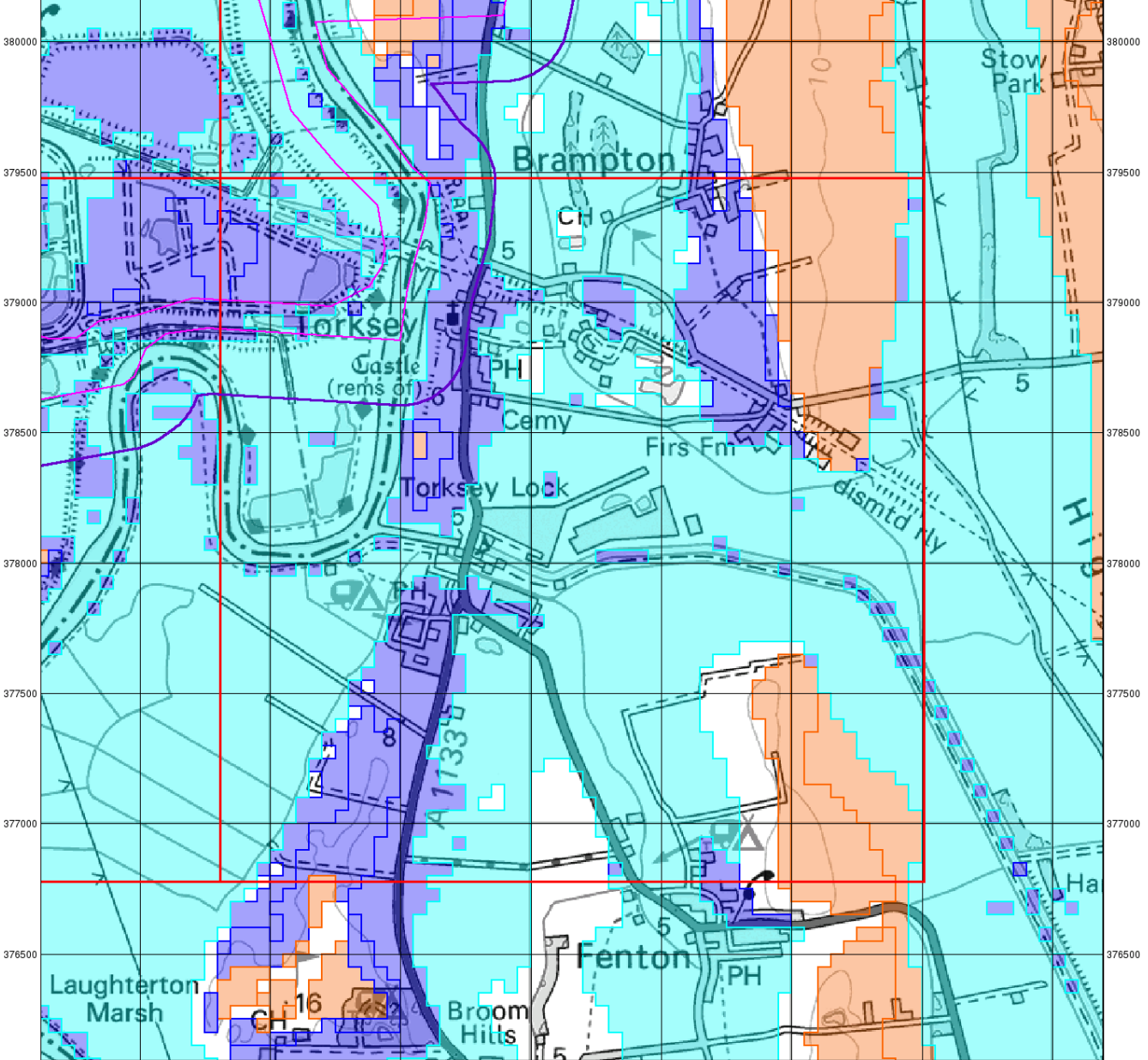
Site Details

Marton, GAINSBOROUGH, Lincolnshire, DN21 5AA



Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: (REDACTED)

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BGS Flood GFS Data

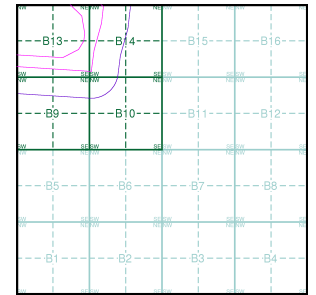
General

- 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 B



Order Details

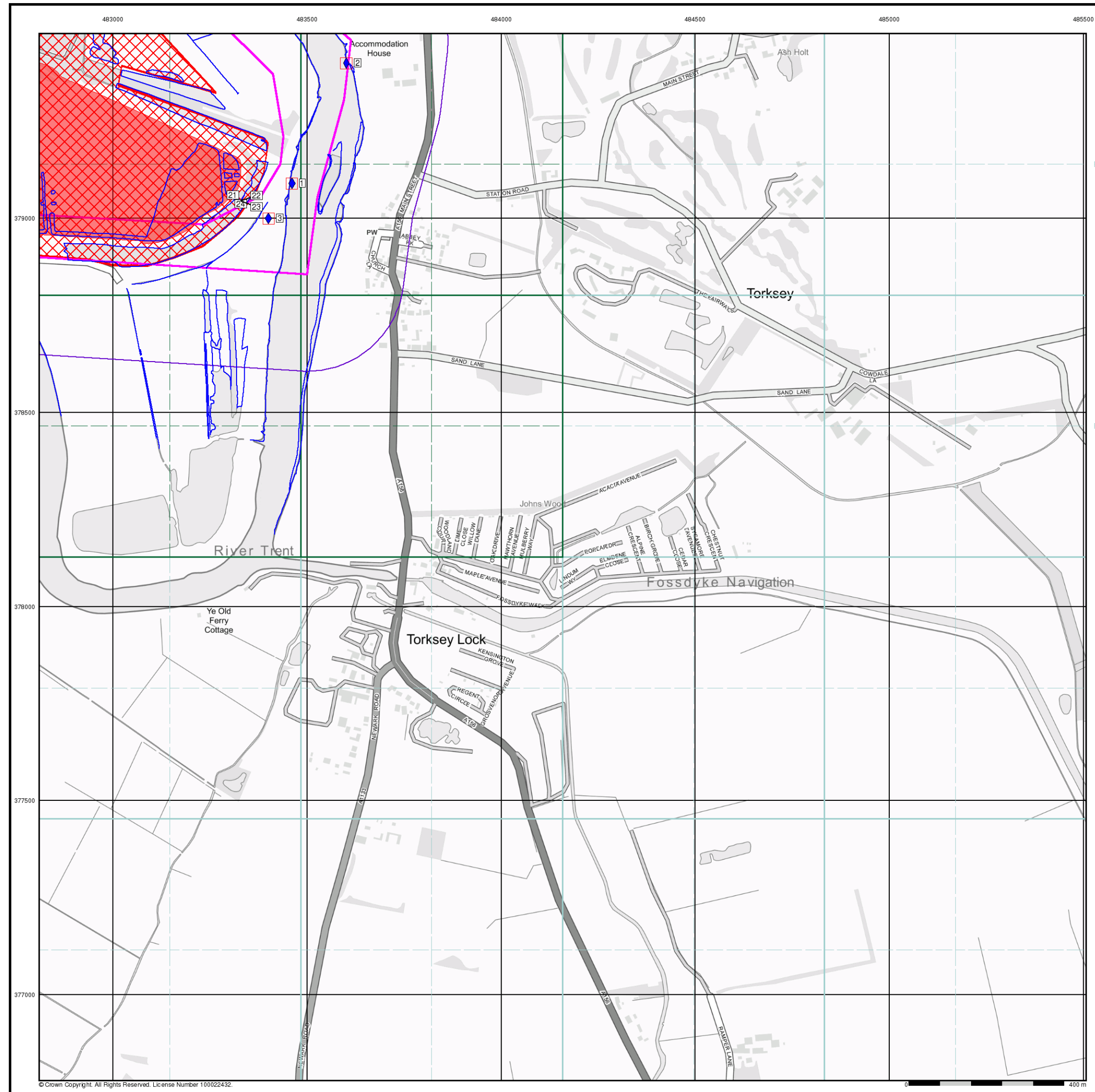
Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 483330, 379040
 Slice: B
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

Site Details

Marton, GAINSBOROUGH, Lincolnshire, DN21 5AA

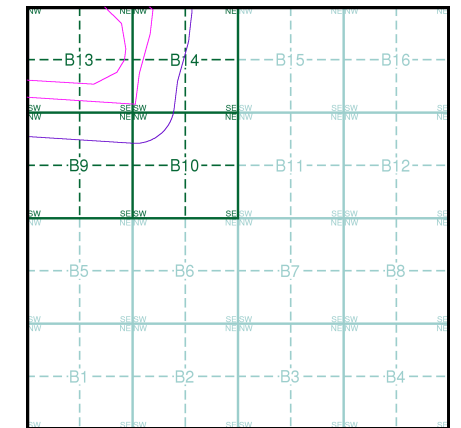


Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: (REDACTED)



- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
 - Several of Type at Location
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
 - Contaminated Land Register Entry or Notice
 - Discharge Consent
 - Enforcement or Prohibition Notice
 - Integrated Pollution Control
 - Integrated Pollution Prevention Control
 - Local Authority Integrated Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control 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
- Waste**
- BGS Recorded Landfill Site (Location)
 - BGS Recorded Landfill Site
 - EA Historic Landfill (Buffered Point)
 - EA Historic Landfill (Polygon)
 - Integrated Pollution Control Registered Waste Site
 - Licensed Waste Management Facility (Landfill Boundary)
 - Licensed Waste Management Facility (Location)
 - Local Authority Recorded Landfill Site (Location)
 - Local Authority Recorded Landfill Site
 - Registered Landfill Site
 - Registered Landfill Site (Location)
 - Registered Landfill Site (Point Buffered to 100m)
 - Registered Landfill Site (Point Buffered to 250m)
 - Registered Waste Transfer Site (Location)
 - Registered Waste Transfer Site
 - Registered Waste Treatment or Disposal Site (Location)
 - Registered Waste Treatment or Disposal Site
- Hazardous Substances**
- COMAH Site
 - Explosive Site
 - NIHHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
- Geological**
- BGS Recorded Mineral Site
- Industrial Land Use**
- Contemporary Trade Directory Entry
 - Fuel Station Entry

Site Sensitivity Map - Slice B



Order Details

Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 483330, 379040
 Slice: B
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

Site Details
 Marton, GAINSBOROUGH, Lincolnshire, DN21 5AA

Landmark
 INFORMATION GROUP

Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: (REDACTED)

483000 483500 484000 484500 485000 485500



Industrial Land Use Map

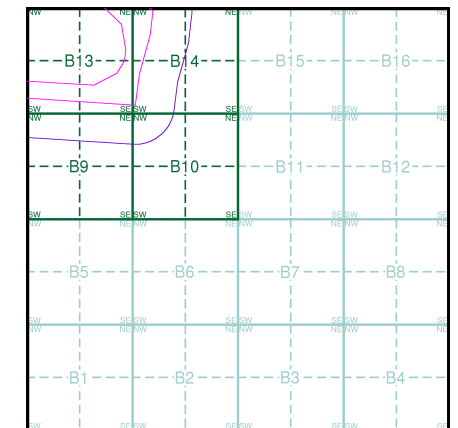
General

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

Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry
- Gas Pipeline
- Underground Electrical Cables

Industrial Land Use Map - Slice B



Order Details

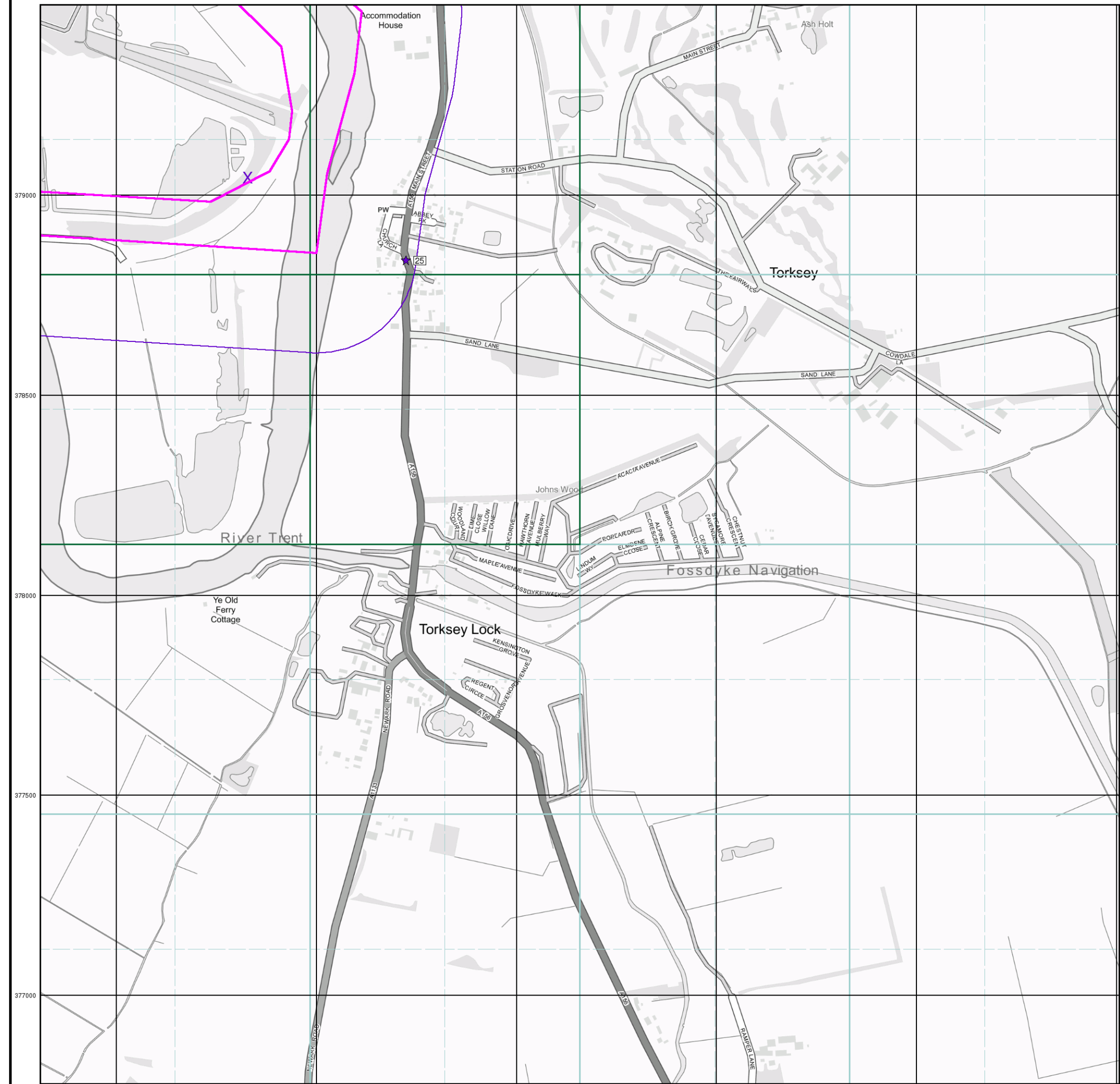
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 Customer Ref: 60664324
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 Site Area (Ha): 1658.81
 Search Buffer (m): 250

Site Details

Marton, GAINSBOROUGH, Lincolnshire, DN21 5AA



Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: (REDACTED)



483000

483500

484000

484500

485000

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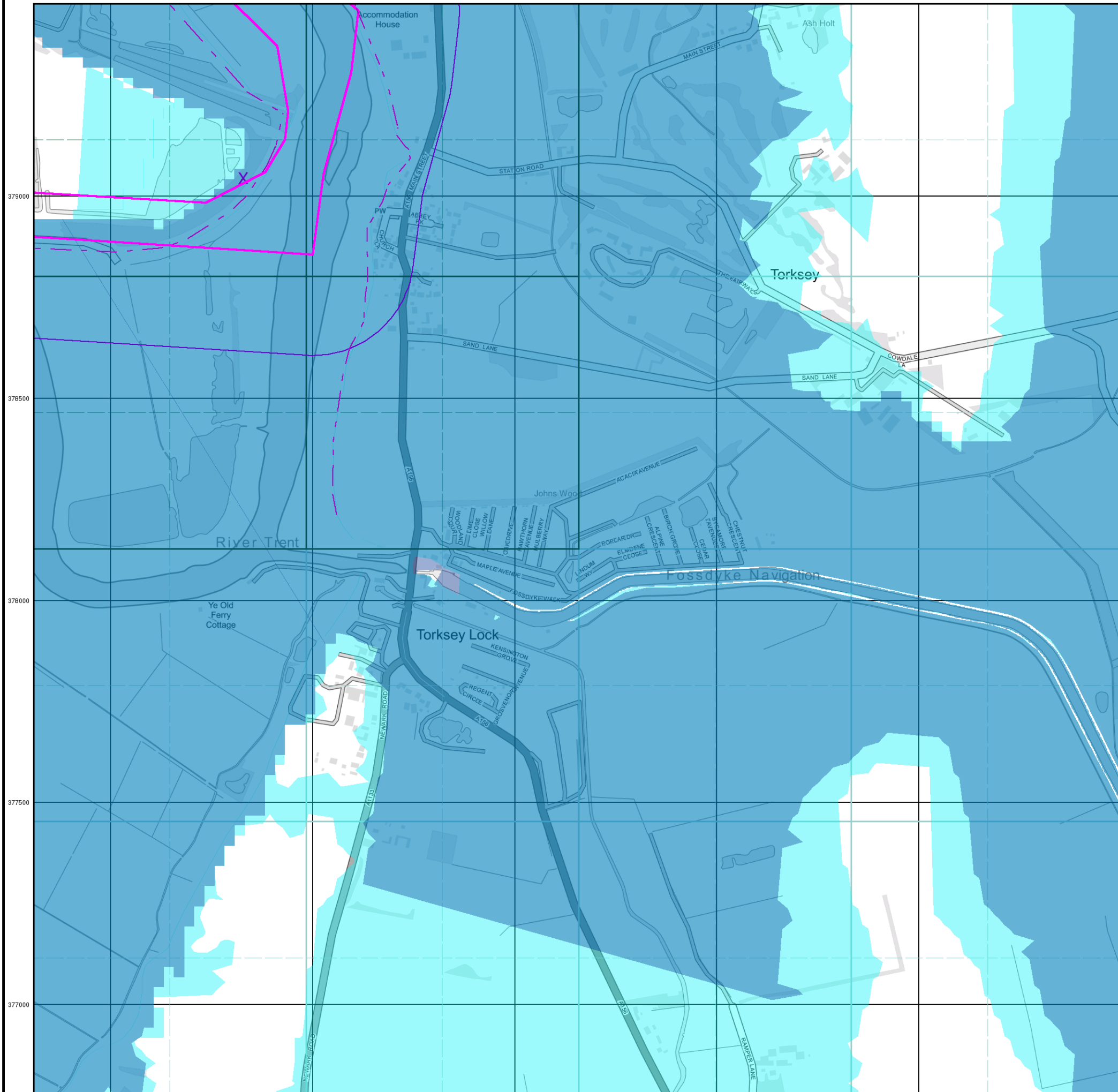


General

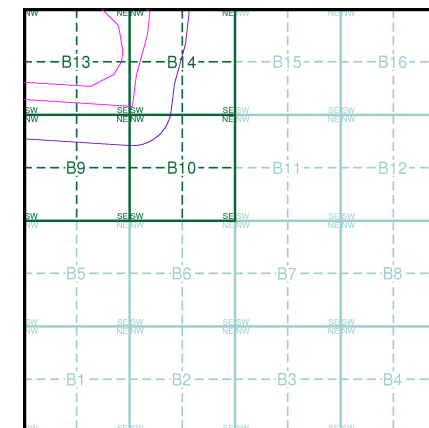
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

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 B



Order Details

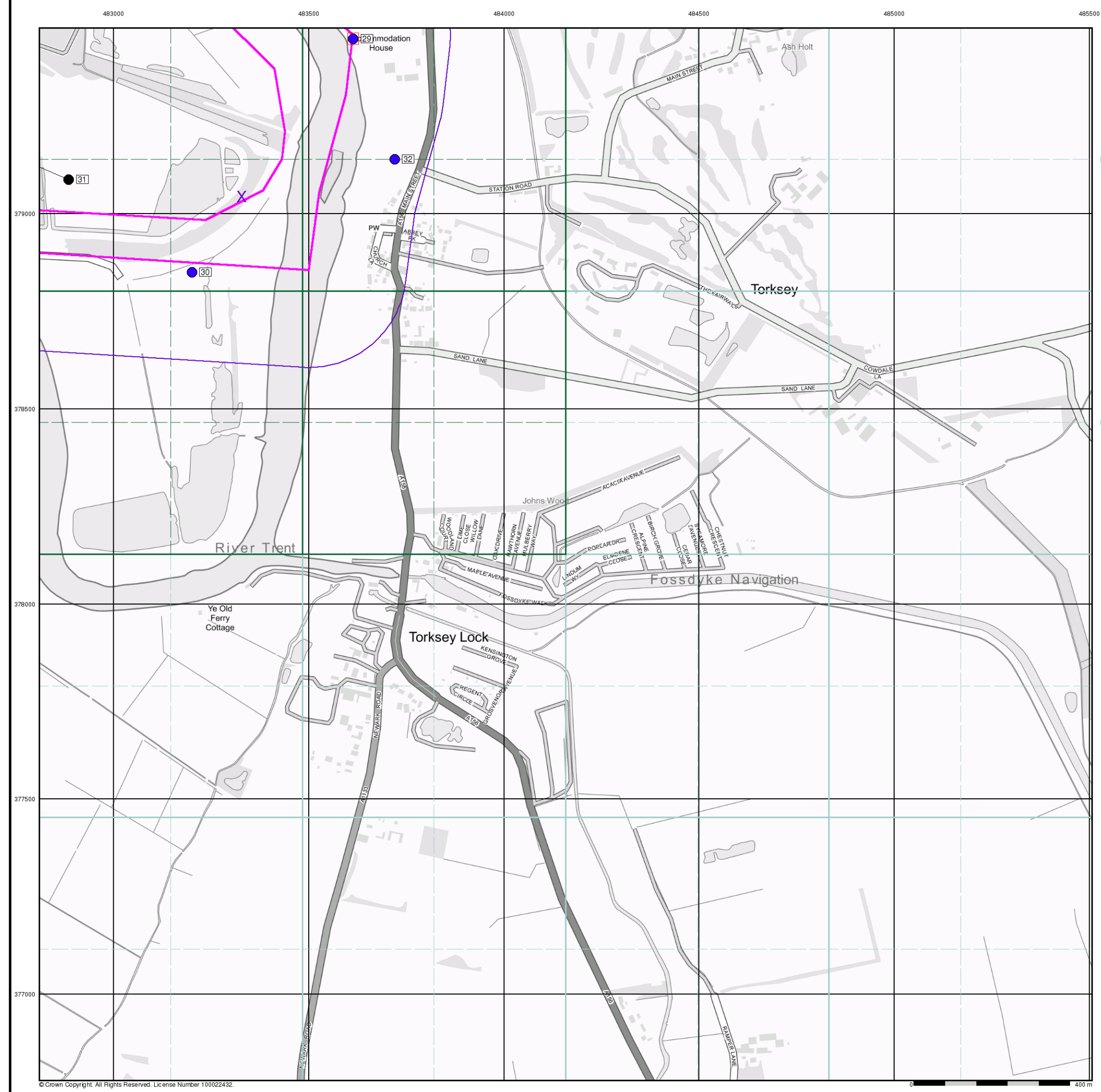
Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 483330, 379040
 Slice: B
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

Site Details

Marion, GAINSBOROUGH, Lincolnshire, DN21 5AA



Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: (REDACTED)



General

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

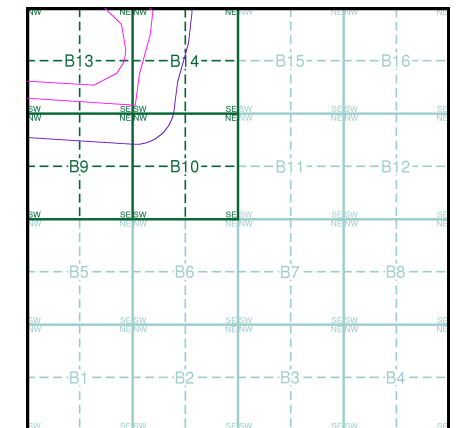
Agency and Hydrological (Boreholes)

- 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 (REDACTED).

Borehole Map - Slice B



Order Details

Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 483330, 379040
 Slice: B
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

Site Details

Marion, GAINSBOROUGH, Lincolnshire, DN21 5AA



Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: (REDACTED)



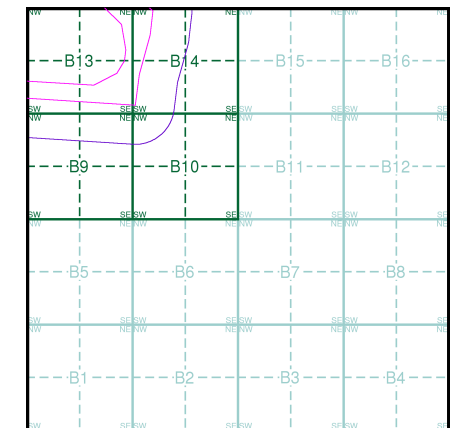
General

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

OS Water Network Data

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

OS Water Network Map - Slice B



Order Details

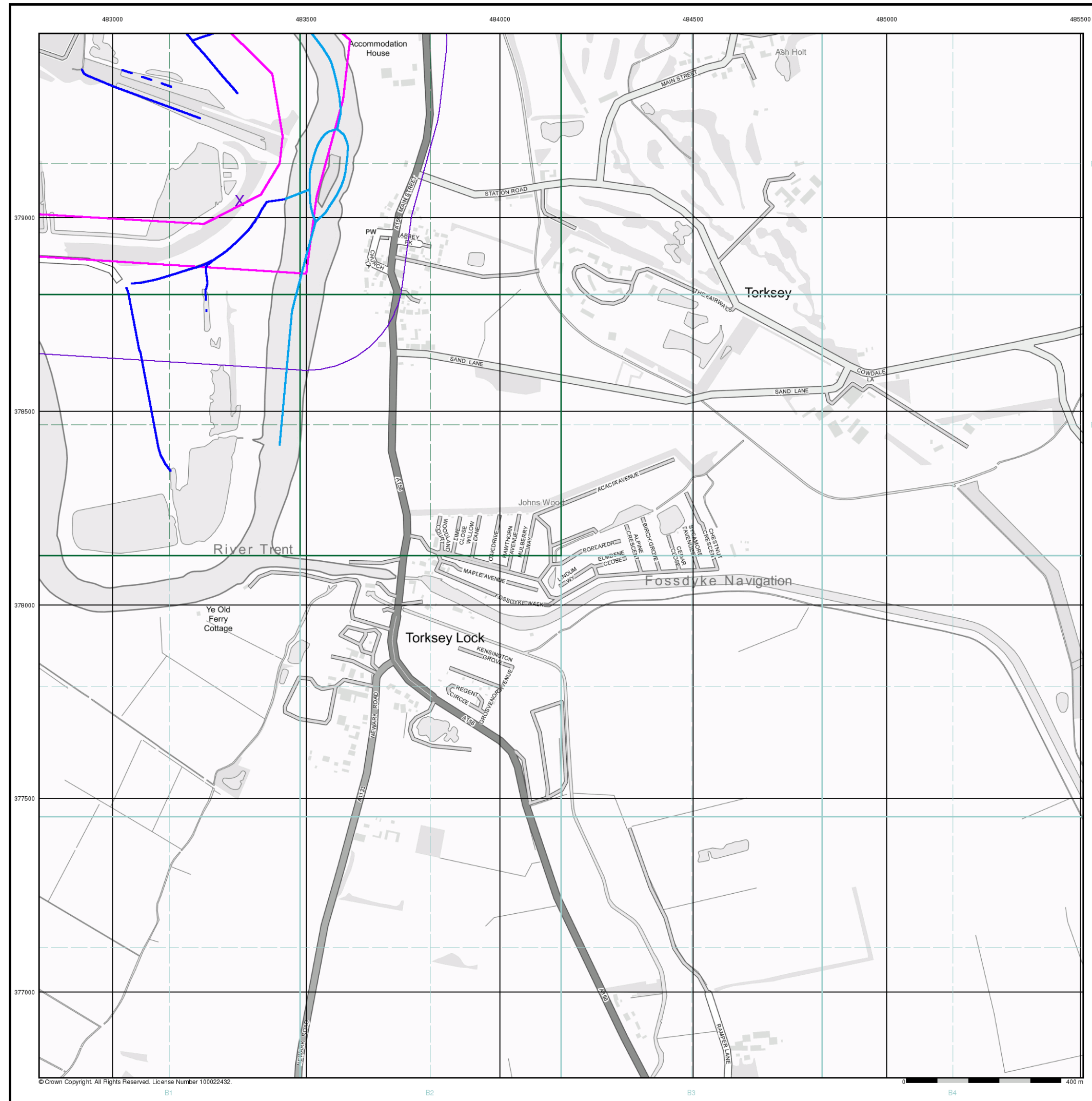
Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 483330, 379040
 Slice: B
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

Site Details

Marion, GAINSBOROUGH, Lincolnshire, DN21 5AA

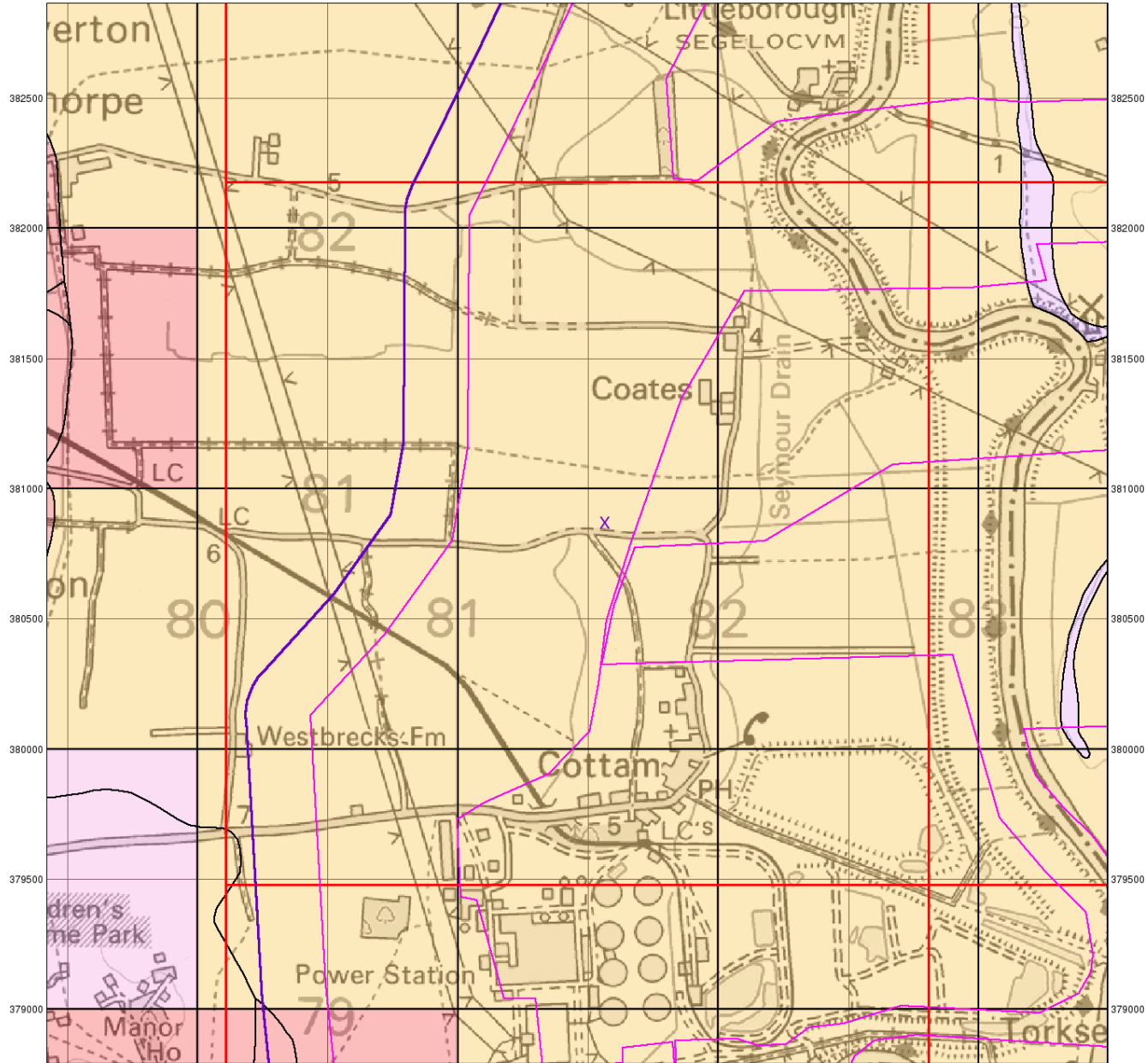


Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: (REDACTED)



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479500 480000 480500 481000 481500 482000 482500 483000



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0 1 km



Groundwater Vulnerability

General

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

Agency and Hydrological

Bedrock Aquifers

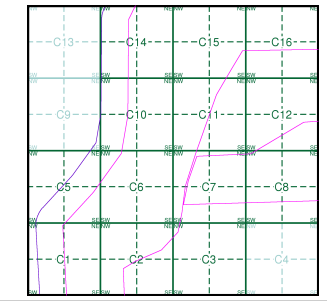
- High Vulnerability, Principal Aquifer
- High Vulnerability, Secondary Aquifer
- Medium Vulnerability, Principal Aquifer
- Medium Vulnerability, Secondary Aquifer
- Low Vulnerability, Principal Aquifer
- Low Vulnerability, Secondary Aquifer

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

- Unproductive Aquifer
- Soluble Rock

Site Sensitivity Context Map - Slice C



Order Details

Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 481560, 380870
 Slice: C
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

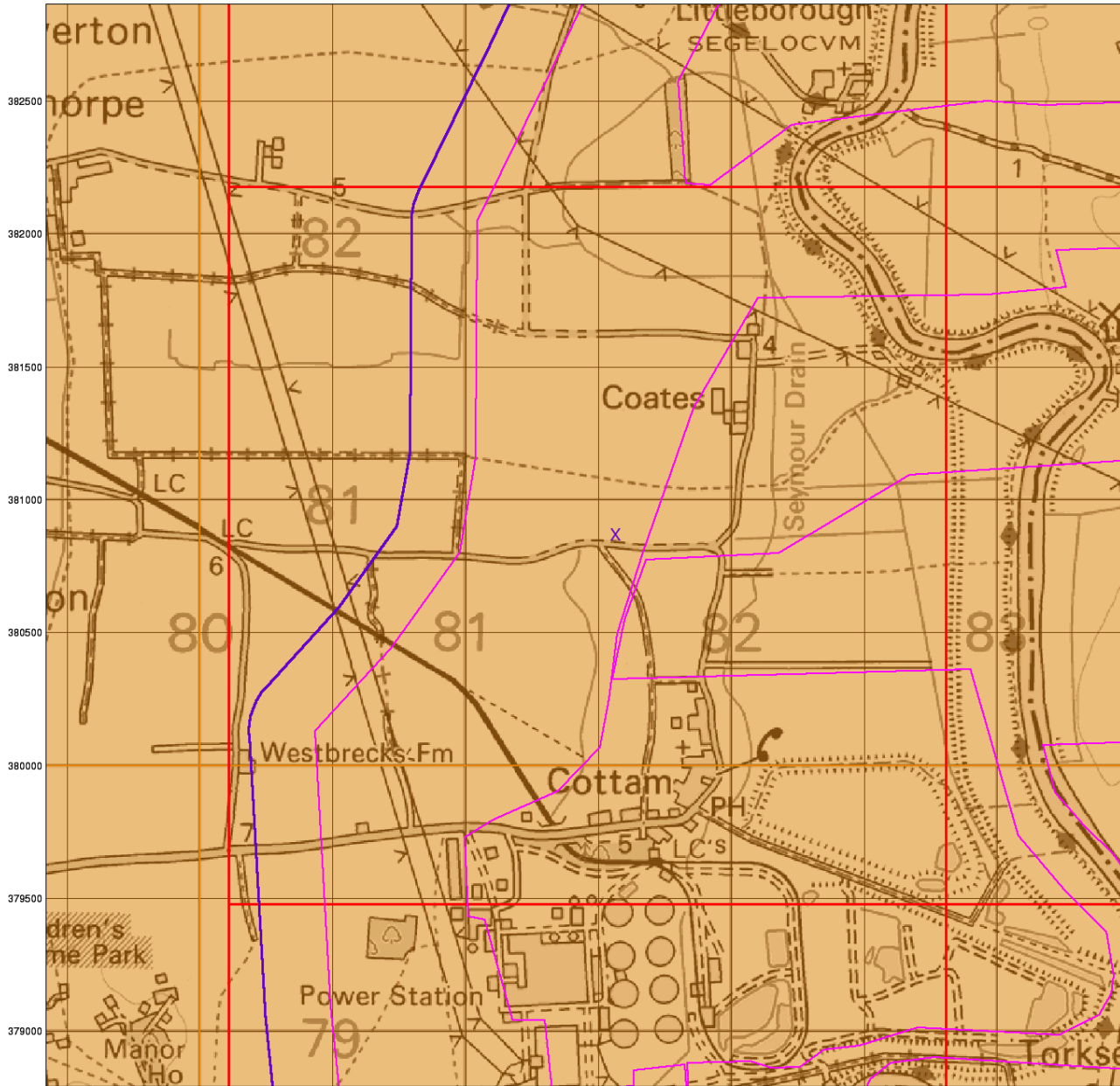
Site Details

Marton, GAINSBOROUGH, Lincolnshire, DN21 5AA



Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: (REDACTED)

479500 480000 480500 481000 481500 482000 482500 483000



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0 1 km



Bedrock Aquifer Designation

General

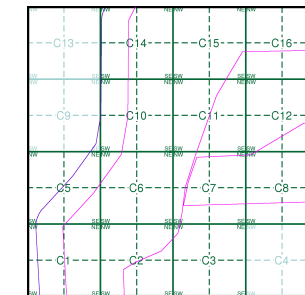
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice C



Order Details

Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 481560, 380870
 Slice: C
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

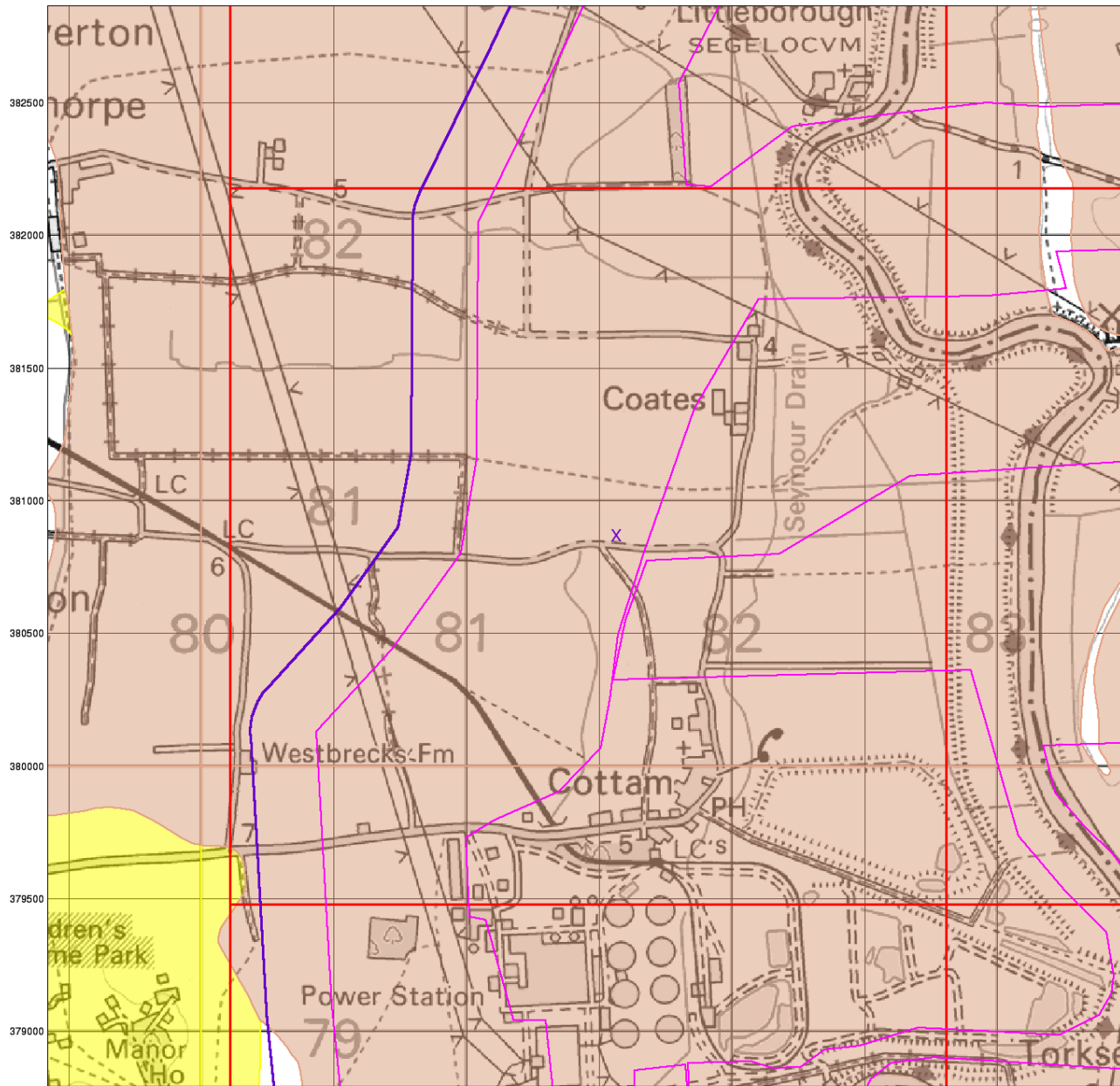
Site Details

Marton, GAINSBOROUGH, Lincolnshire, DN21 5AA



Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: (REDACTED)

479500 480000 480500 481000 481500 482000 482500 483000



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0 1 km



Superficial Aquifer Designation

General

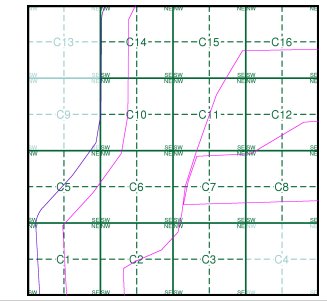
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice C



Order Details

Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 481560, 380870
 Slice: C
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

Site Details

Marton, GAINSBOROUGH, Lincolnshire, DN21 5AA



Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: (REDACTED)

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Source Protection Zones

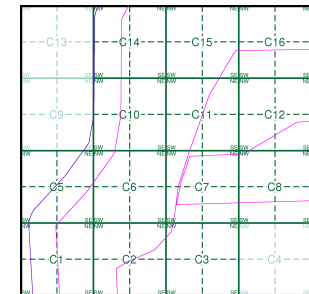
General

- 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 C



Order Details

Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 481560, 380870
 Slice: C
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

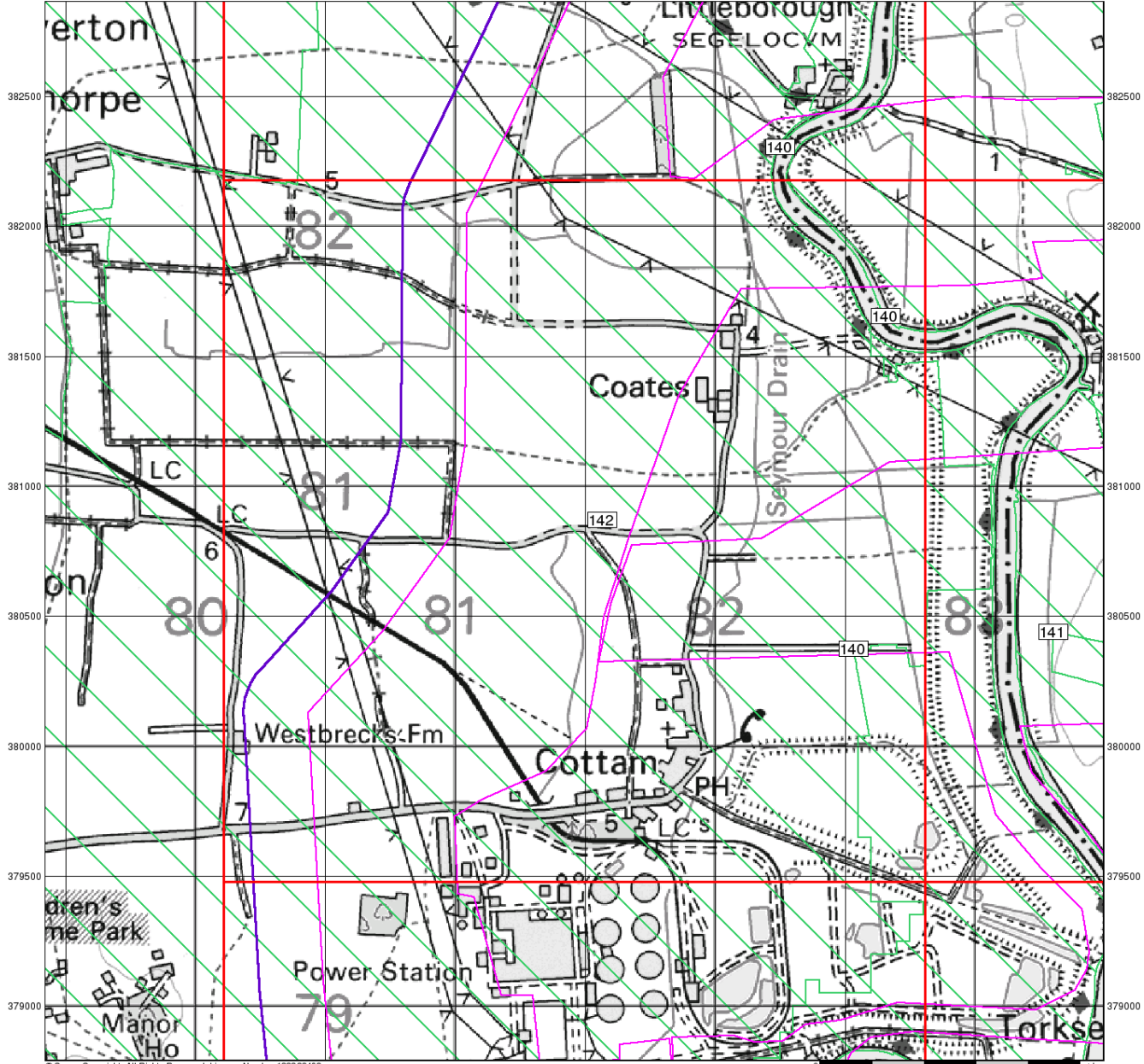
Site Details

Marton, GAINSBOROUGH, Lincolnshire, DN21 5AA



Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: (REDACTED)

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Sensitive Land Uses

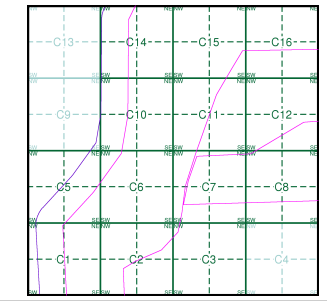
General

- 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 C



Order Details

Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 481560, 380870
 Slice: C
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

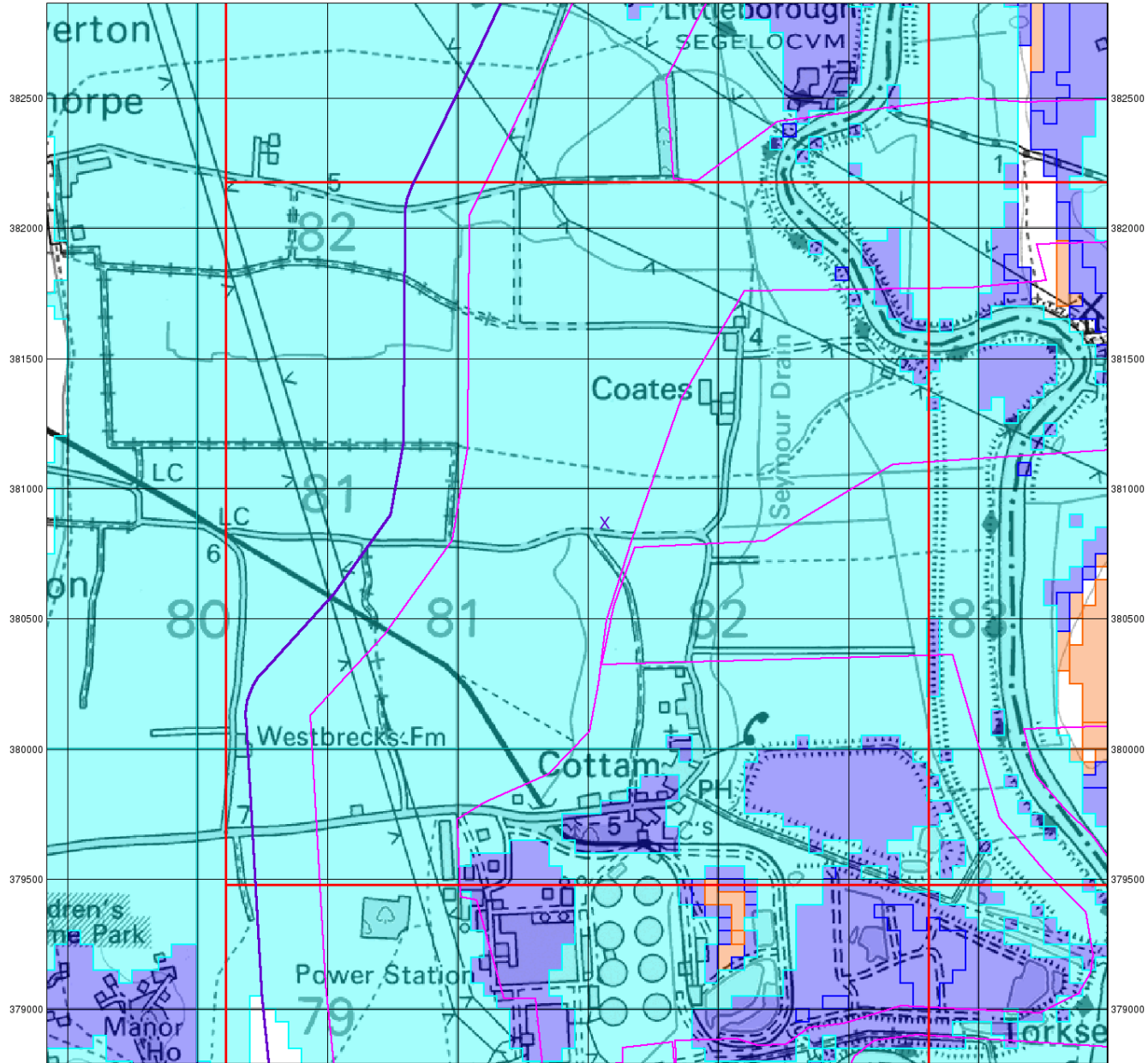
Site Details

Marton, GAINSBOROUGH, Lincolnshire, DN21 5AA



Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: (REDACTED)

479500 480000 480500 481000 481500 482000 482500 483000



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0 1 km



BGS Flood GFS Data

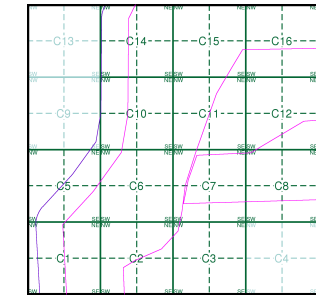
General

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

Agency and Hydrological (Flood)

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

Site Sensitivity Context Map - Slice C



Order Details

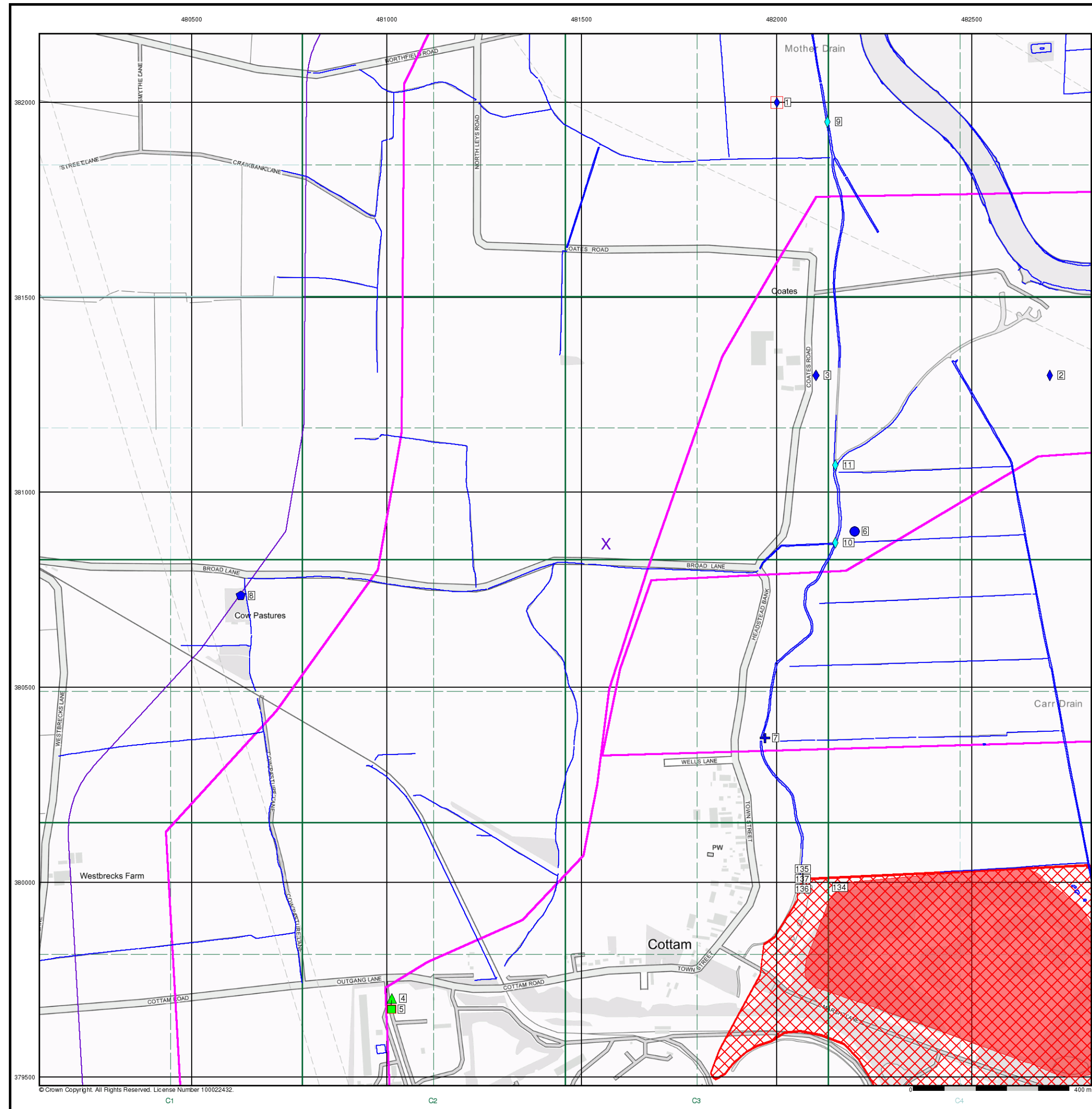
Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 481560, 380870
 Slice: C
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

Site Details

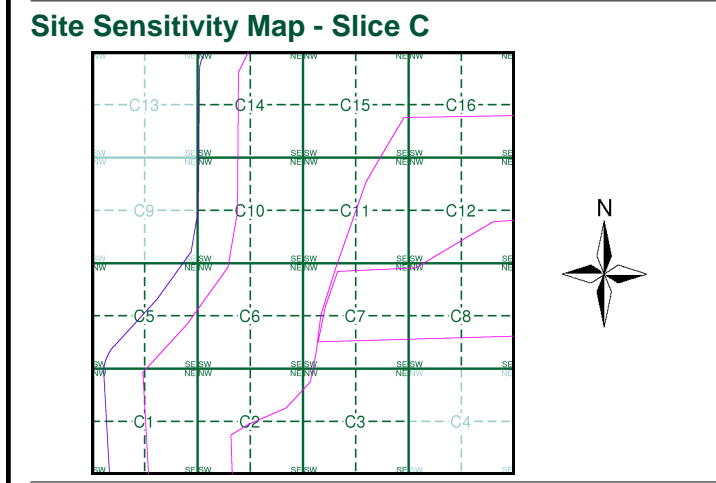
Marton, GAINSBOROUGH, Lincolnshire, DN21 5AA



Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: (REDACTED)



- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
 - Several of Type at Location
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
 - Contaminated Land Register Entry or Notice
 - Discharge Consent
 - Enforcement or Prohibition Notice
 - Integrated Pollution Control
 - Integrated Pollution Prevention Control
 - Local Authority Integrated Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control Enforcement
 - Pollution Incident to Controlled Waters
 - 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
- Waste**
- BGS Recorded Landfill Site (Location)
 - BGS Recorded Landfill Site
 - EA Historic Landfill (Buffered Point)
 - EA Historic Landfill (Polygon)
 - Integrated Pollution Control Registered Waste Site
 - Licensed Waste Management Facility (Landfill Boundary)
 - Licensed Waste Management Facility (Location)
 - Local Authority Recorded Landfill Site (Location)
 - Local Authority Recorded Landfill Site
 - Registered Landfill Site
 - Registered Landfill Site (Location)
 - Registered Landfill Site (Point Buffered to 100m)
 - Registered Landfill Site (Point Buffered to 250m)
 - Registered Waste Transfer Site (Location)
 - Registered Waste Transfer Site
 - Registered Waste Treatment or Disposal Site (Location)
 - Registered Waste Treatment or Disposal Site
- Hazardous Substances**
- COMAH Site
 - Explosive Site
 - NIHHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
- Geological**
- BGS Recorded Mineral Site
- Industrial Land Use**
- Contemporary Trade Directory Entry
 - Fuel Station Entry



Order Details

Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 481560, 380870
 Slice: C
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

Site Details
 Marton, GAINSBOROUGH, Lincolnshire, DN21 5AA



Industrial Land Use Map

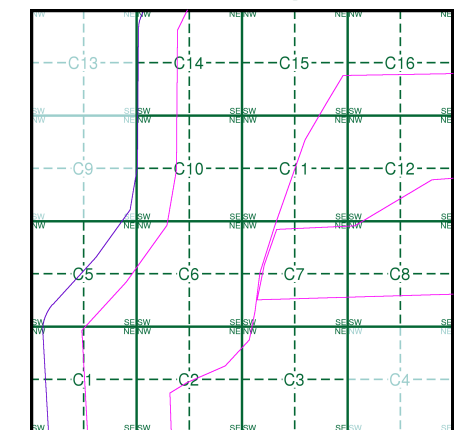
General

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

Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry
- Gas Pipeline
- Underground Electrical Cables

Industrial Land Use Map - Slice C



Order Details

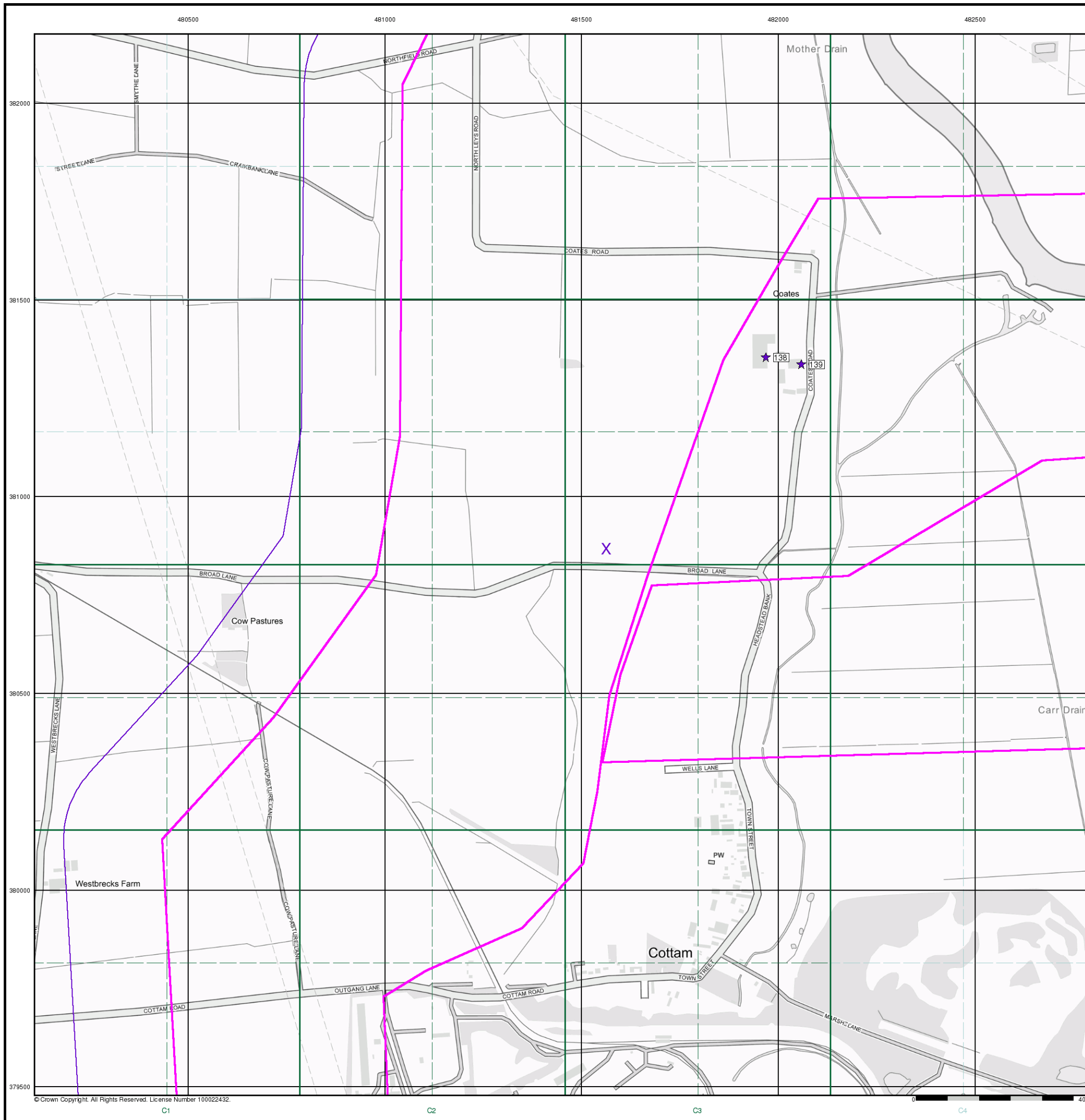
Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 481560, 380870
 Slice: C
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

Site Details

Marton, GAINSBOROUGH, Lincolnshire, DN21 5AA



Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: (REDACTED)





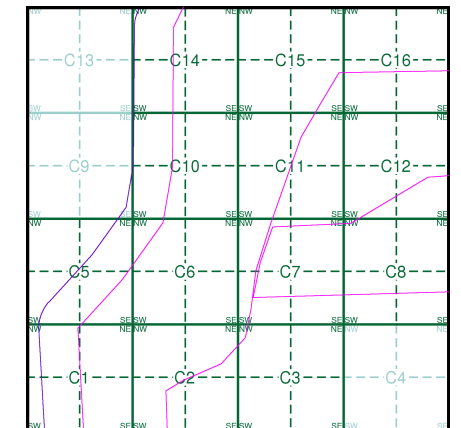
General

- 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 C



Order Details

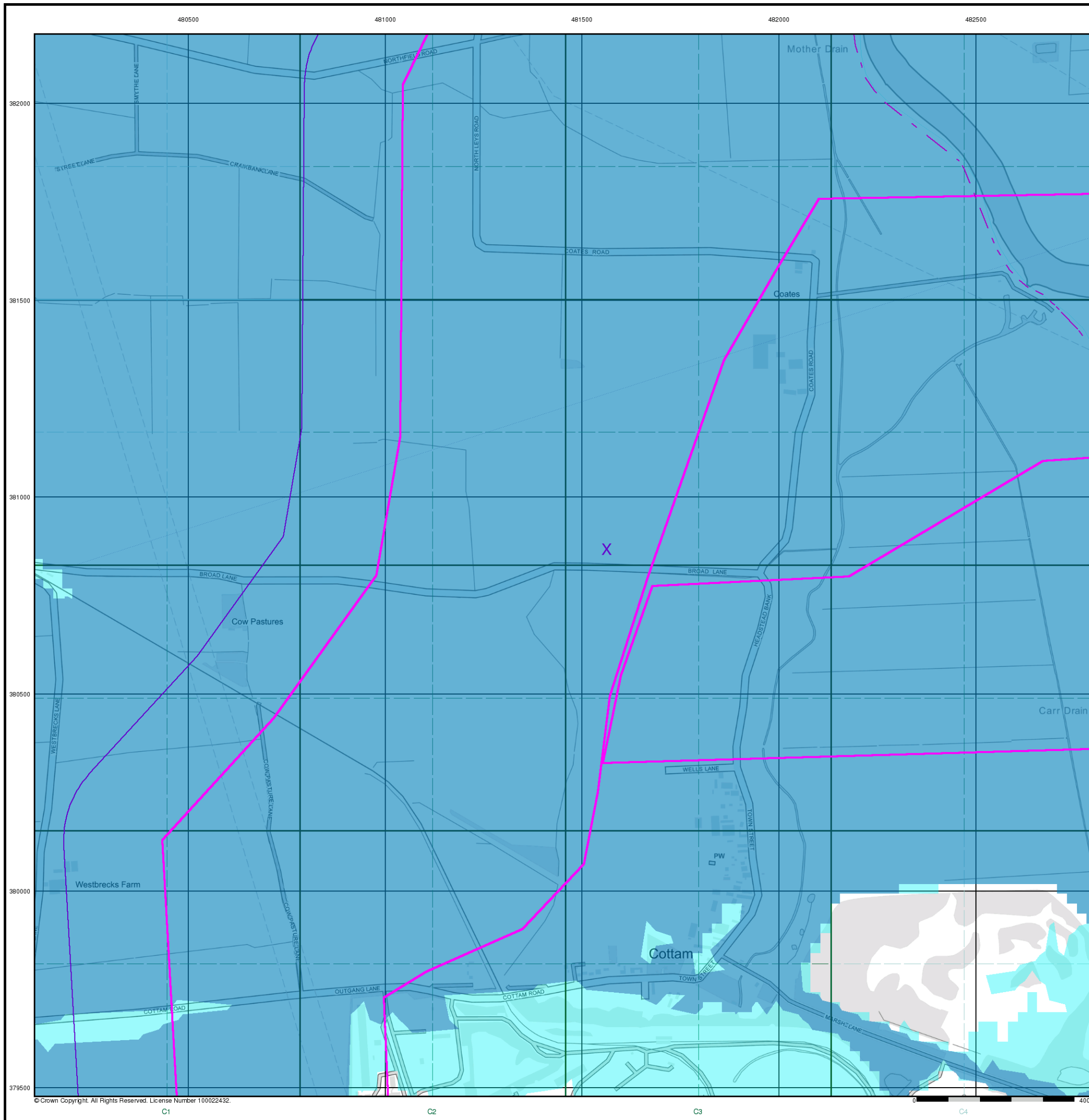
Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 481560, 380870
 Slice: C
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

Site Details

Marton, GAINSBOROUGH, Lincolnshire, DN21 5AA



Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: (REDACTED)



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General

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

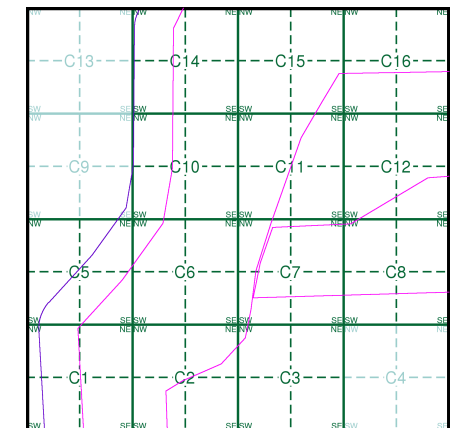
Agency and Hydrological (Boreholes)

- 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 (REDACTED).

Borehole Map - Slice C



Order Details

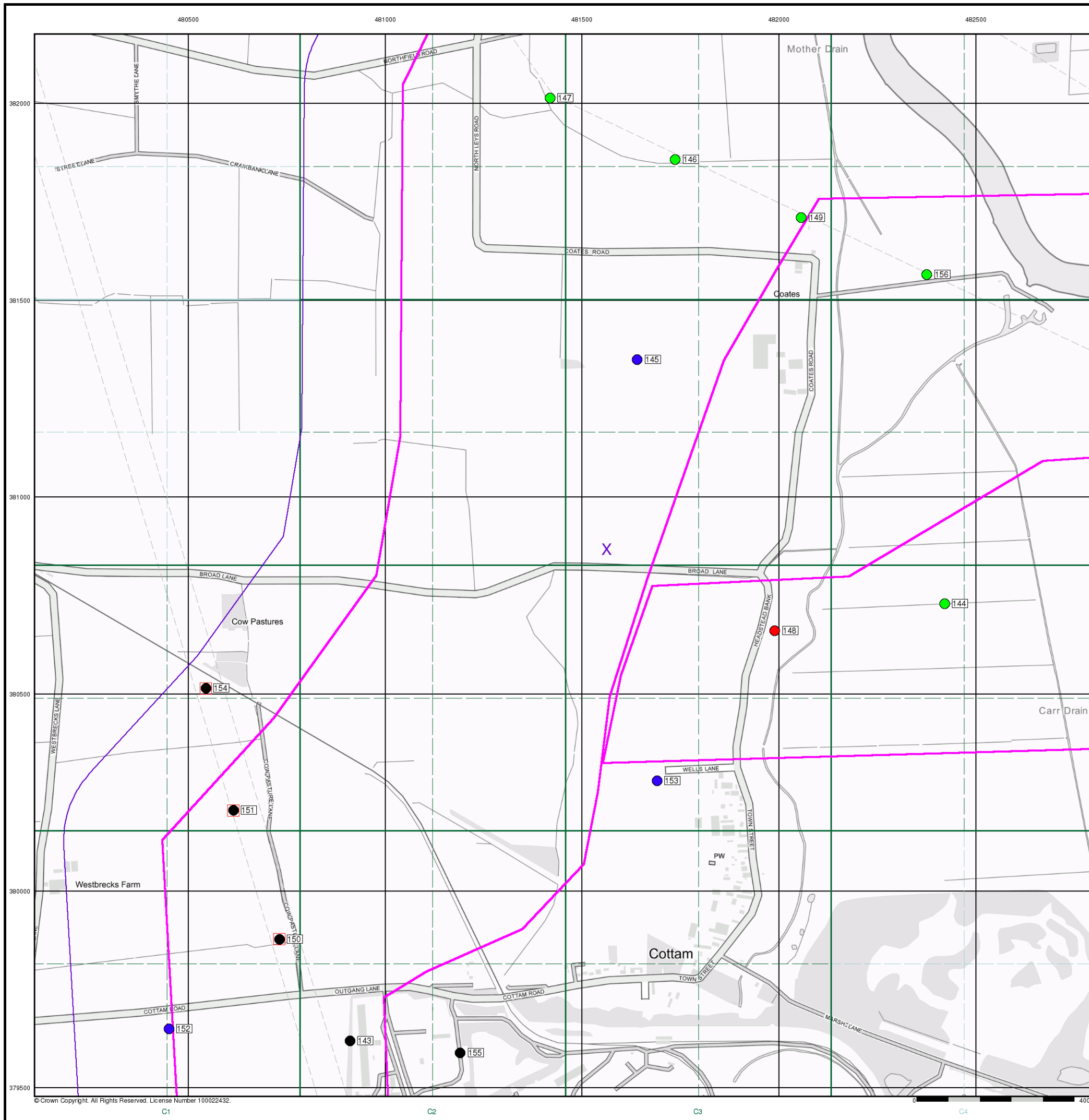
Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 481560, 380870
 Slice: C
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

Site Details

Marton, GAINSBOROUGH, Lincolnshire, DN21 5AA



Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: (REDACTED)



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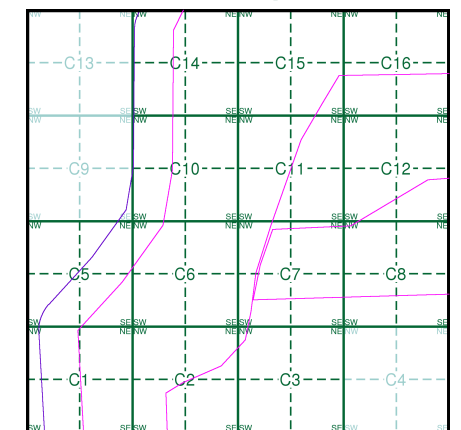
General

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

OS Water Network Data

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

OS Water Network Map - Slice C



Order Details

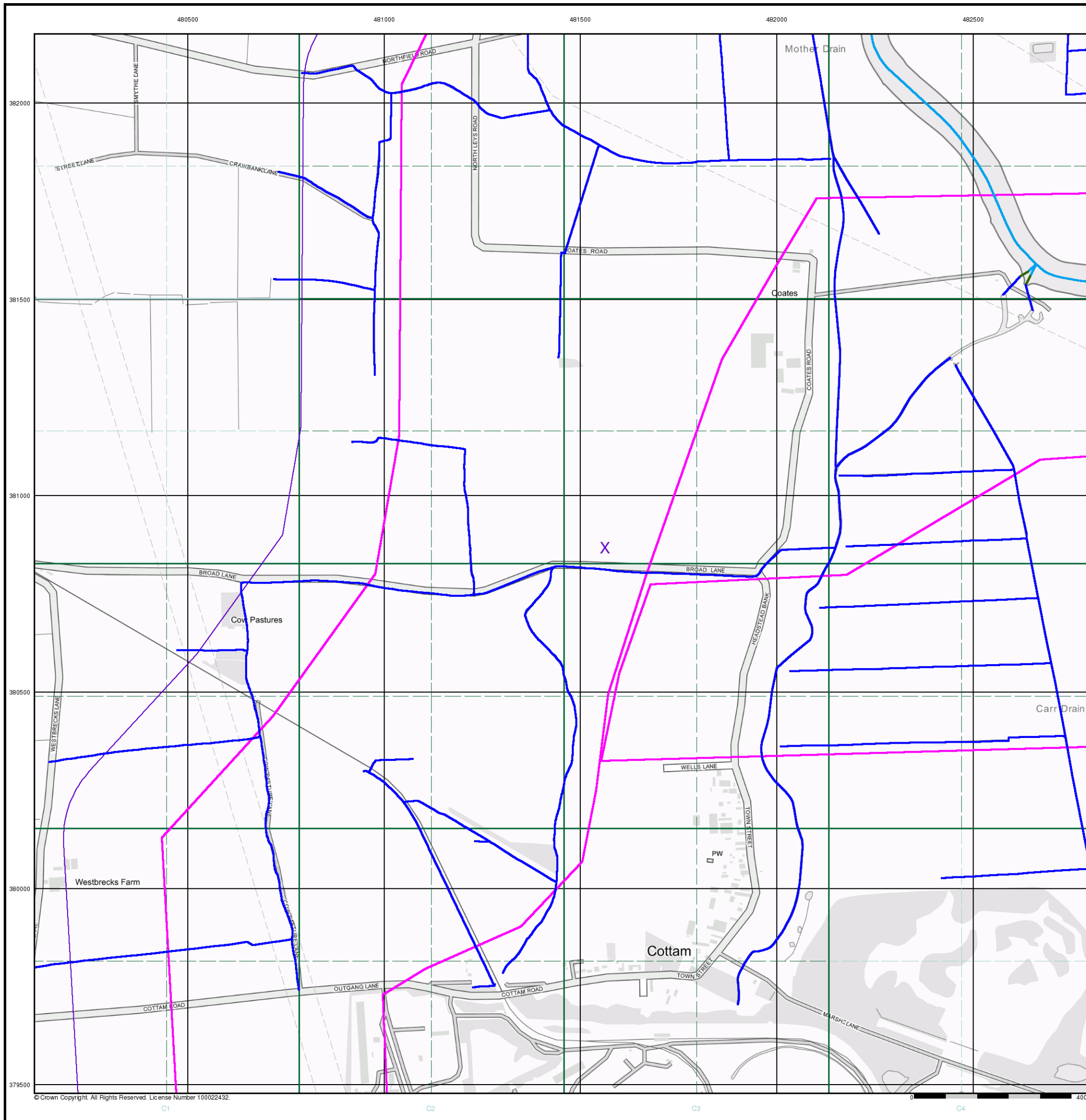
Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 481560, 380870
 Slice: C
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

Site Details

Marton, GAINSBOROUGH, Lincolnshire, DN21 5AA

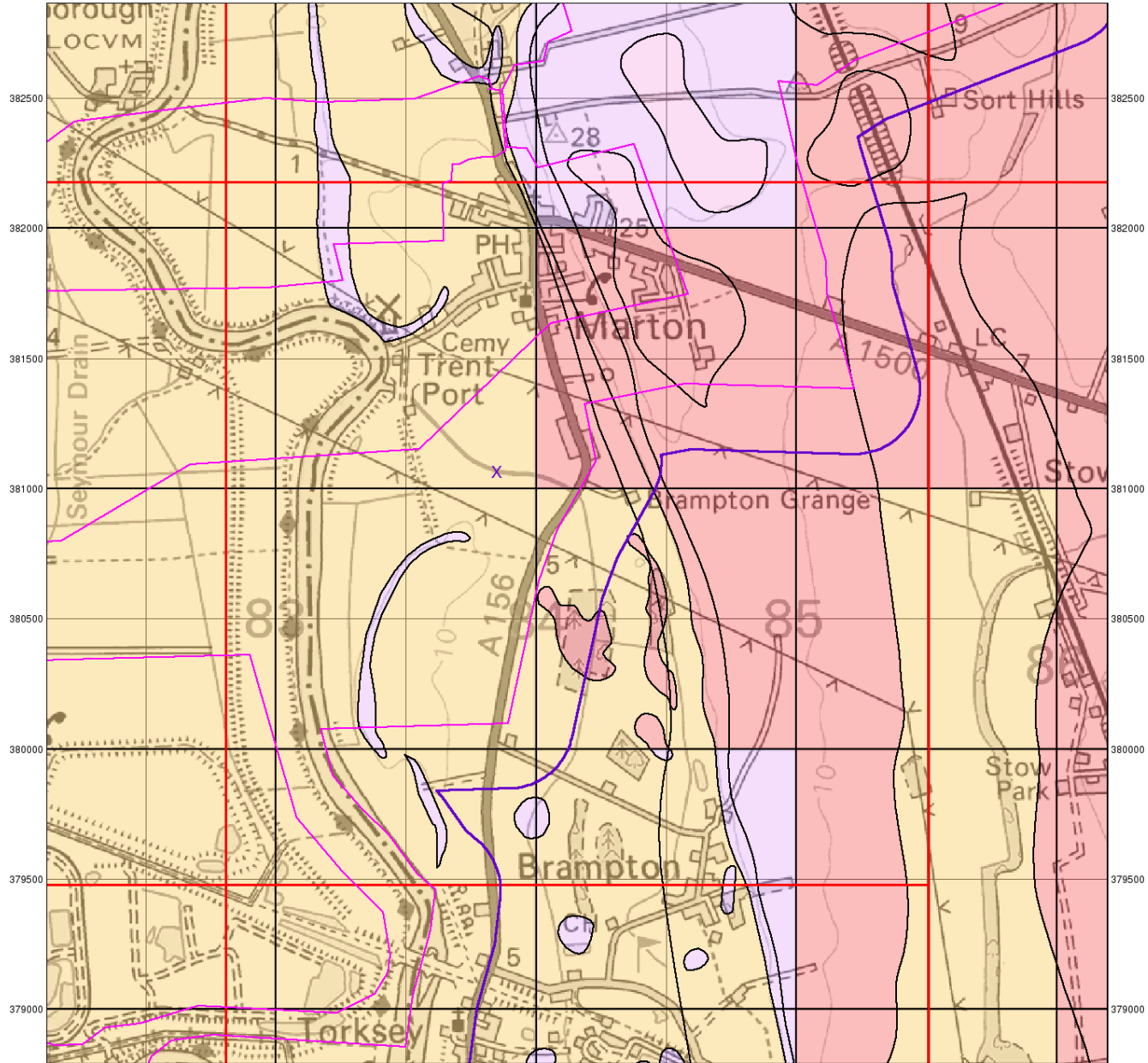


Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: (REDACTED)



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482500 483000 483500 484000 484500 485000 485500 486000



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0 1 km



Groundwater Vulnerability

General

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

Agency and Hydrological

Bedrock Aquifers

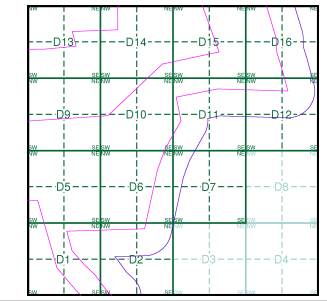
- High Vulnerability, Principal Aquifer
- High Vulnerability, Secondary Aquifer
- Medium Vulnerability, Principal Aquifer
- Medium Vulnerability, Secondary Aquifer
- Low Vulnerability, Principal Aquifer
- Low Vulnerability, Secondary Aquifer

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

- Unproductive Aquifer
- Soluble Rock

Site Sensitivity Context Map - Slice D



Order Details

Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 483850, 381060
 Slice: D
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

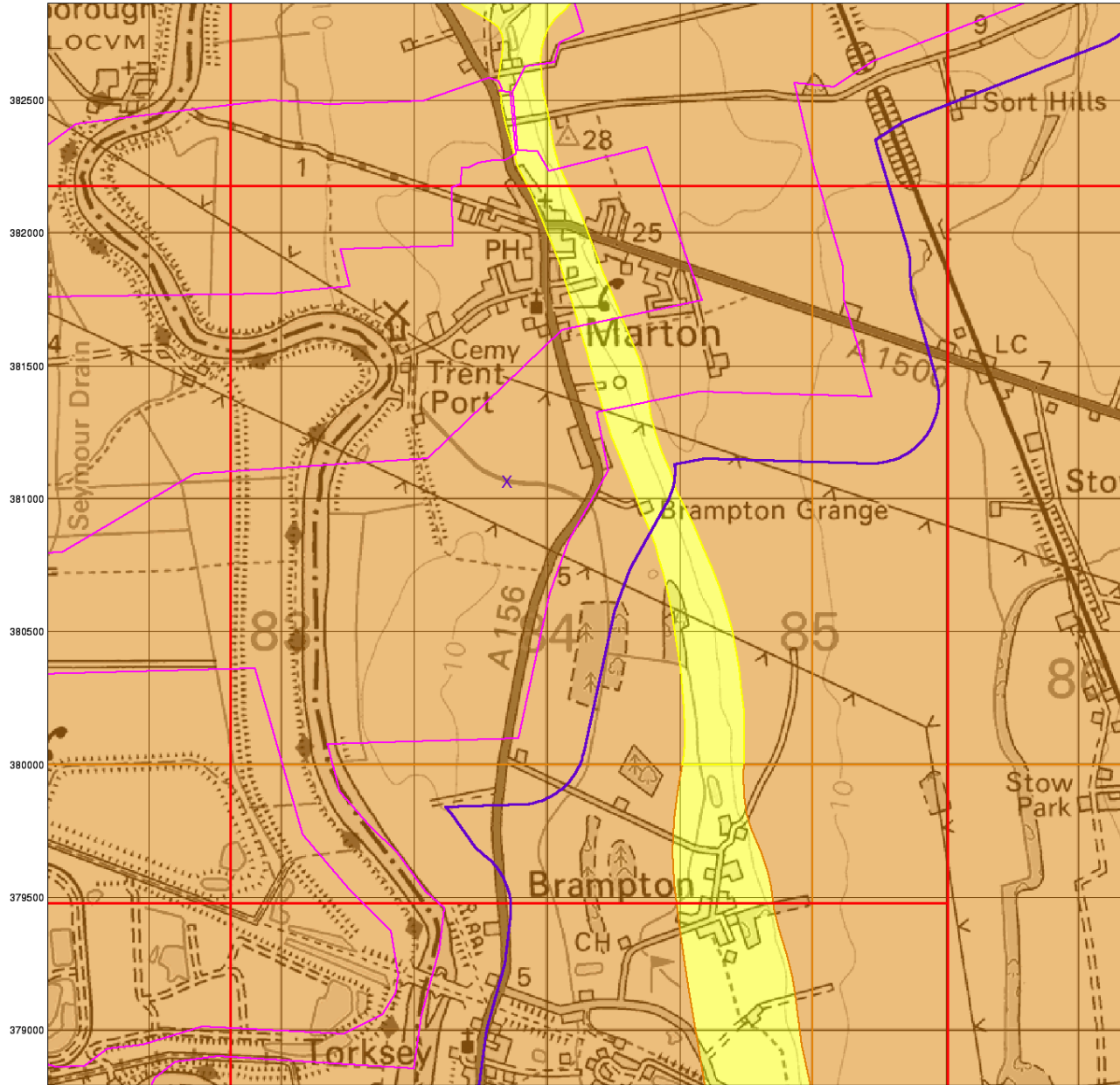
Site Details

Marton, GAINSBOROUGH, Lincolnshire, DN21 5AA



Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: (REDACTED)

482500 483000 483500 484000 484500 485000 485500 486000



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0 1 km



Bedrock Aquifer Designation

General

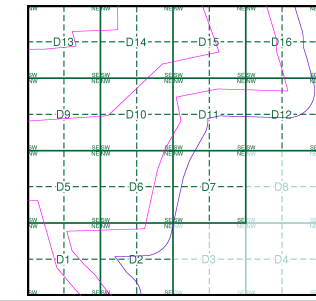
- ▭ Specified Site
- ▭ Specified Buffer(s)
- X Bearing Reference Point
- ▭ Slice
- B Map ID

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

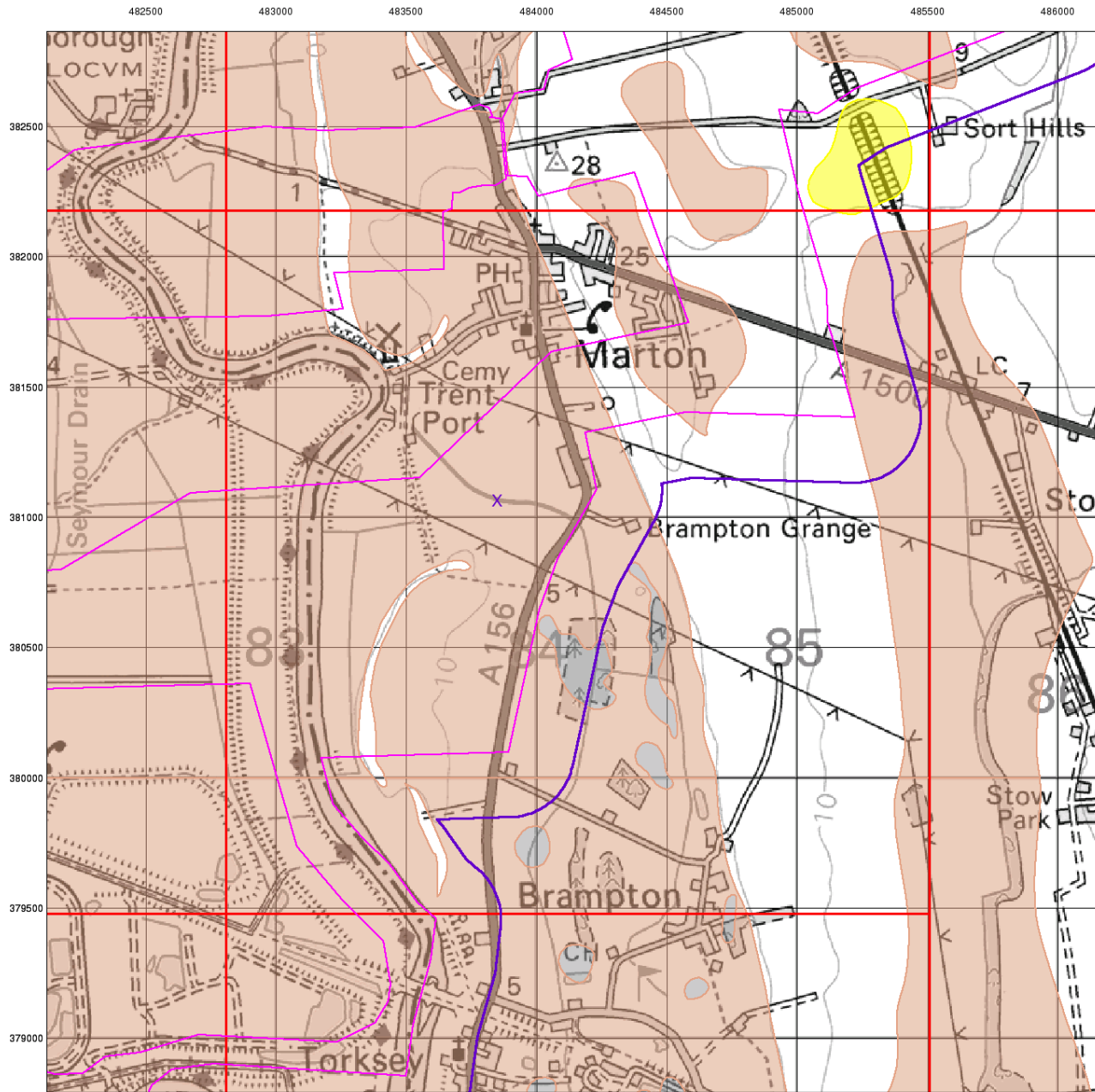
Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 483850, 381060
 Slice: D
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

Site Details

Marton, GAINSBOROUGH, Lincolnshire, DN21 5AA



Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: (REDACTED)



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Superficial Aquifer Designation

General

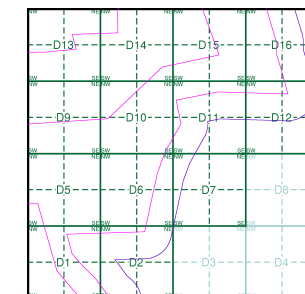
- ◇ Specified Site
- ⬭ Specified Buffer(s)
- X Bearing Reference Point
- Slice
- B Map ID

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

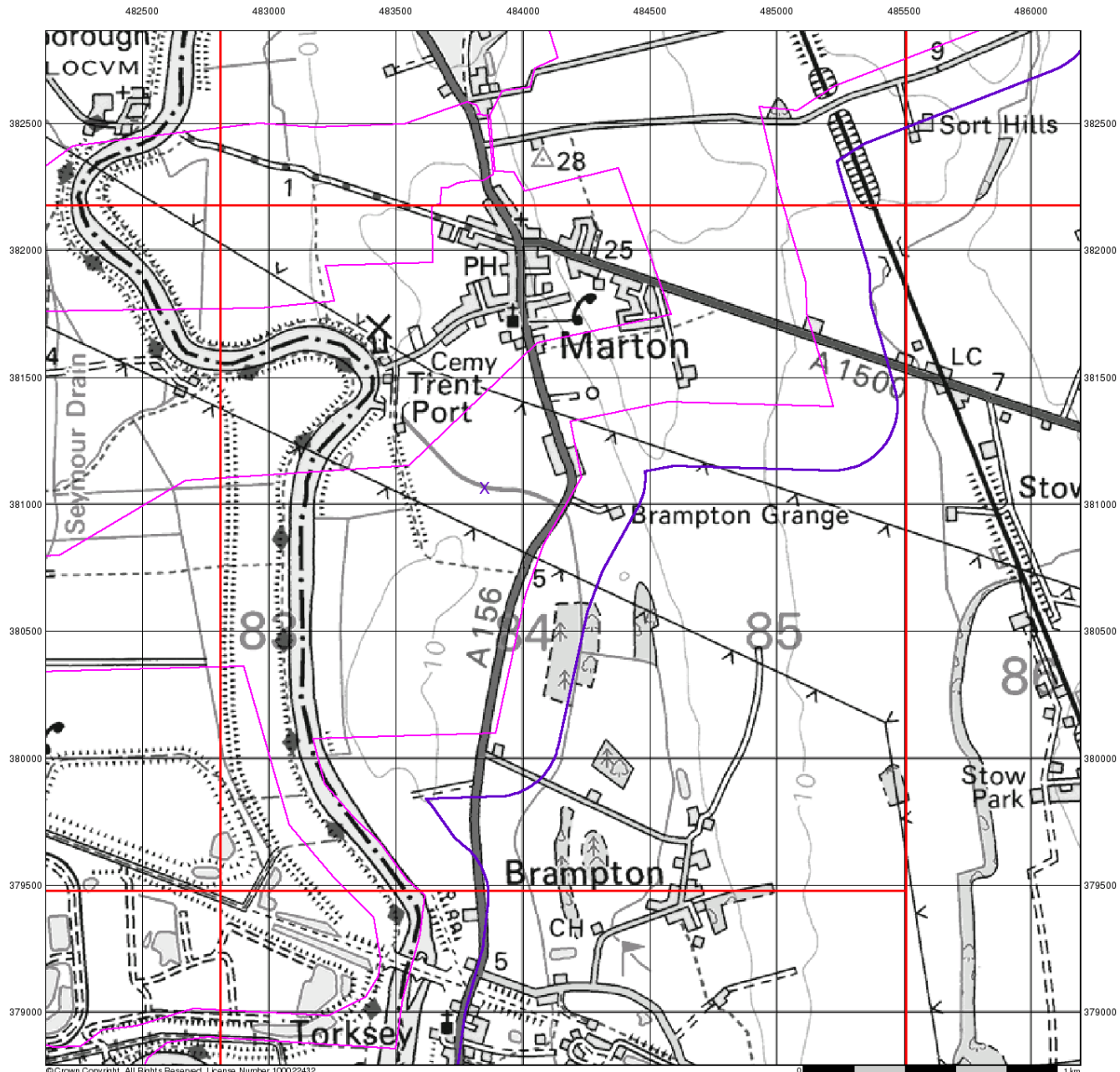
Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 483850, 381060
 Slice: D
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

Site Details

Marton, GAINSBOROUGH, Lincolnshire, DN21 5AA



Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: (REDACTED)



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Source Protection Zones

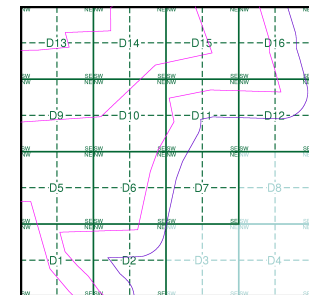
General

- ◇ Specified Site
- ◇ Specified Buffer(s)
- X Bearing Reference Point
- Slice
- B 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

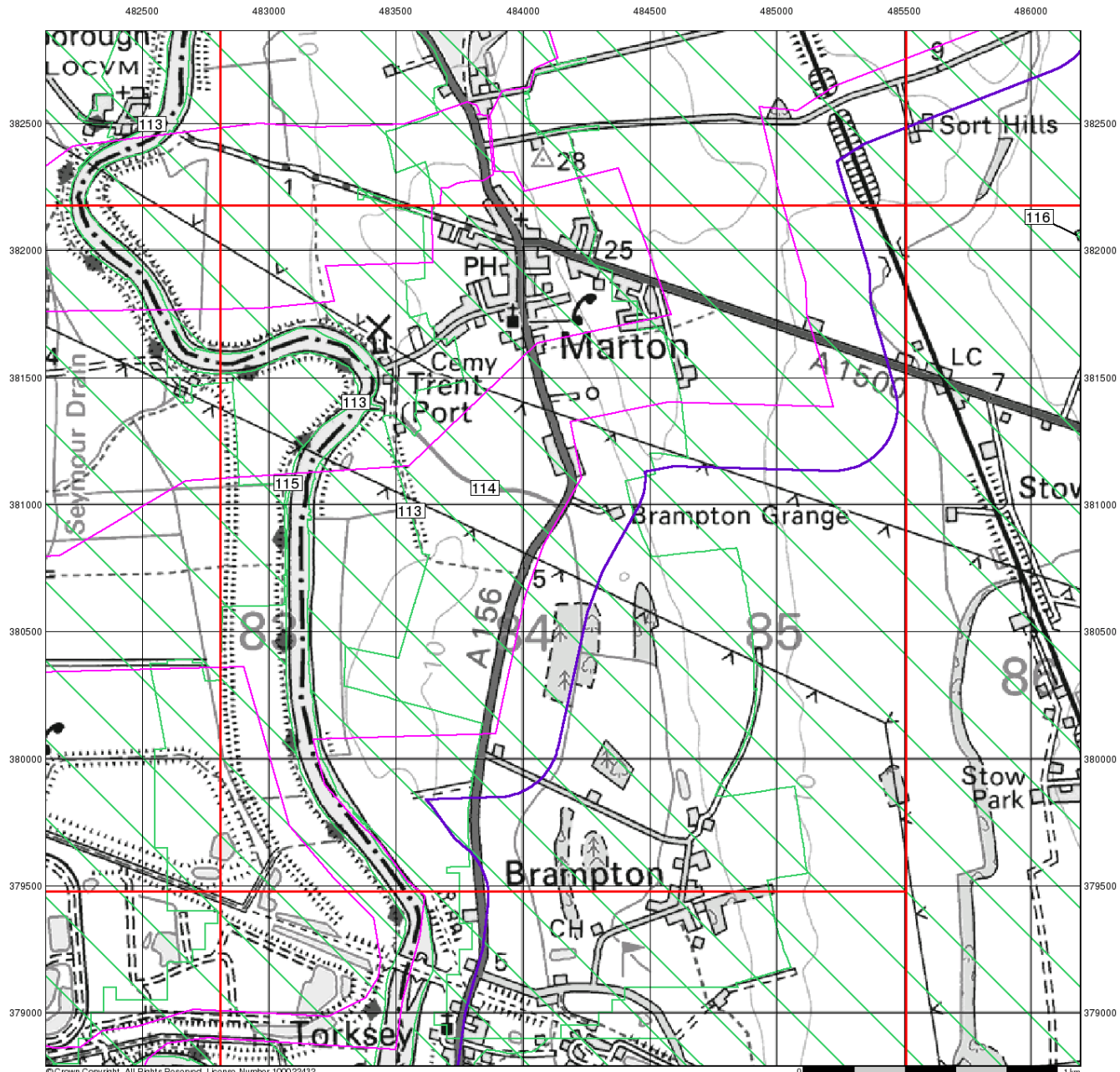
Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 483850, 381060
 Slice: D
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

Site Details

Marton, GAINSBOROUGH, Lincolnshire, DN21 5AA



Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: (REDACTED)



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Sensitive Land Uses

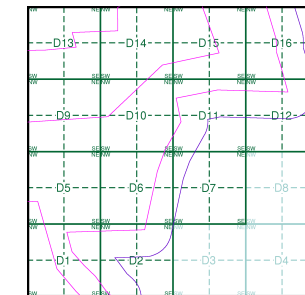
General

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

Sensitive Land Uses

- | | |
|--|---|
| ■ Ancient Woodland | N National Park |
| A Area of Adopted Green Belt | N Nitrate Sensitive Area |
| A Area of Unadopted Green Belt | V Nitrate Vulnerable Zone |
| A Area of Outstanding Natural Beauty | S Ramsar Site |
| E Environmentally Sensitive Area | S Site of Special Scientific Interest |
| F Forest Park | S Special Area of Conservation |
| L Local Nature Reserve | P Special Protection Area |
| M Marine Nature Reserve | W World Heritage Sites |
| N National Nature Reserve | |

Site Sensitivity Context Map - Slice D



Order Details

Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 483850, 381060
 Slice: D
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

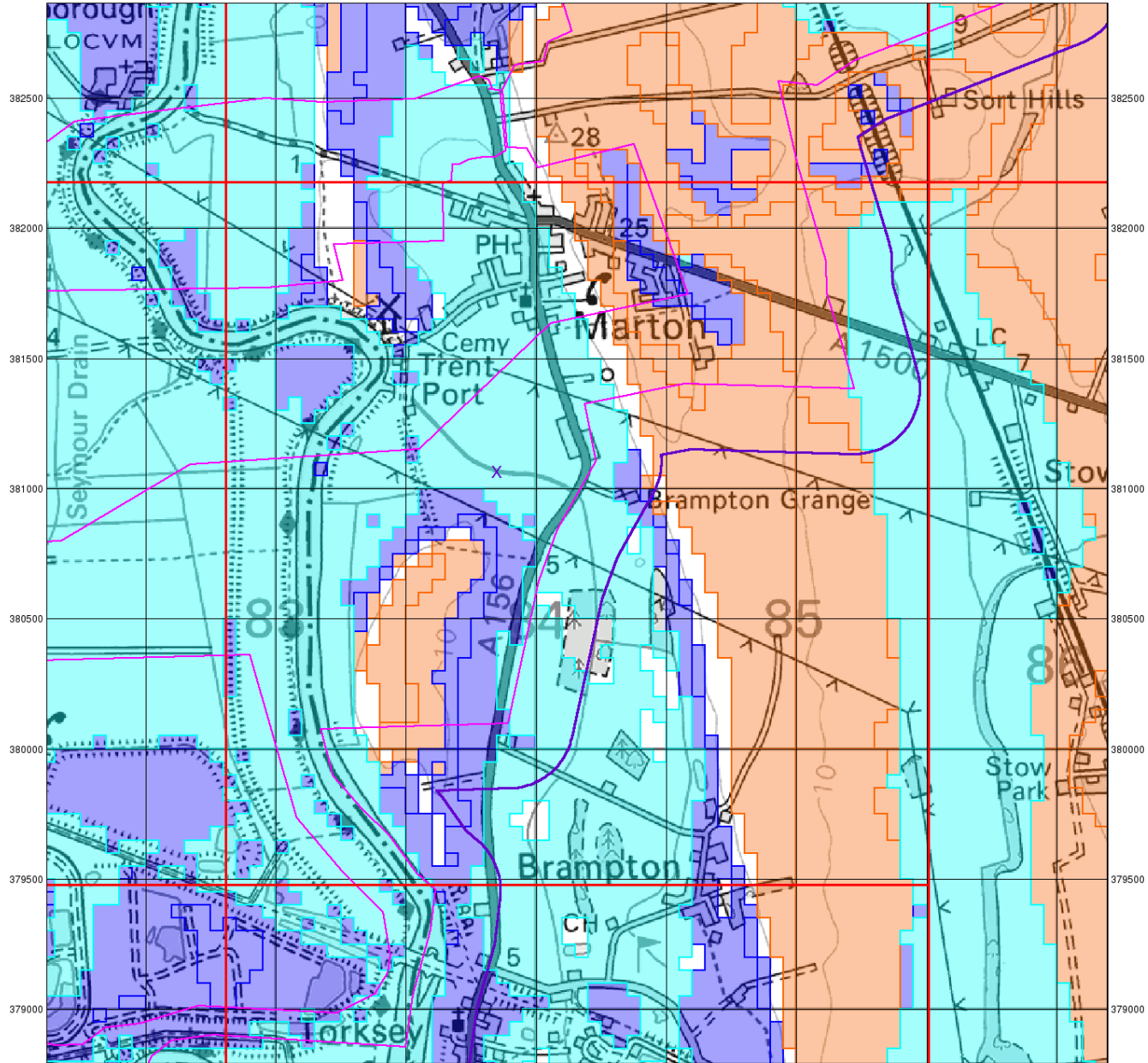
Site Details

Marton, GAINSBOROUGH, Lincolnshire, DN21 5AA



Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: (REDACTED)

482500 483000 483500 484000 484500 485000 485500 486000



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0 1 km



BGS Flood GFS Data

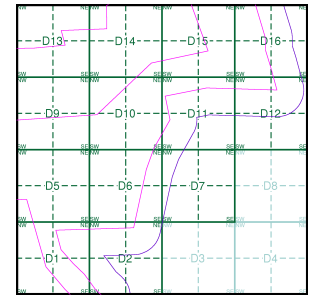
General

- 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

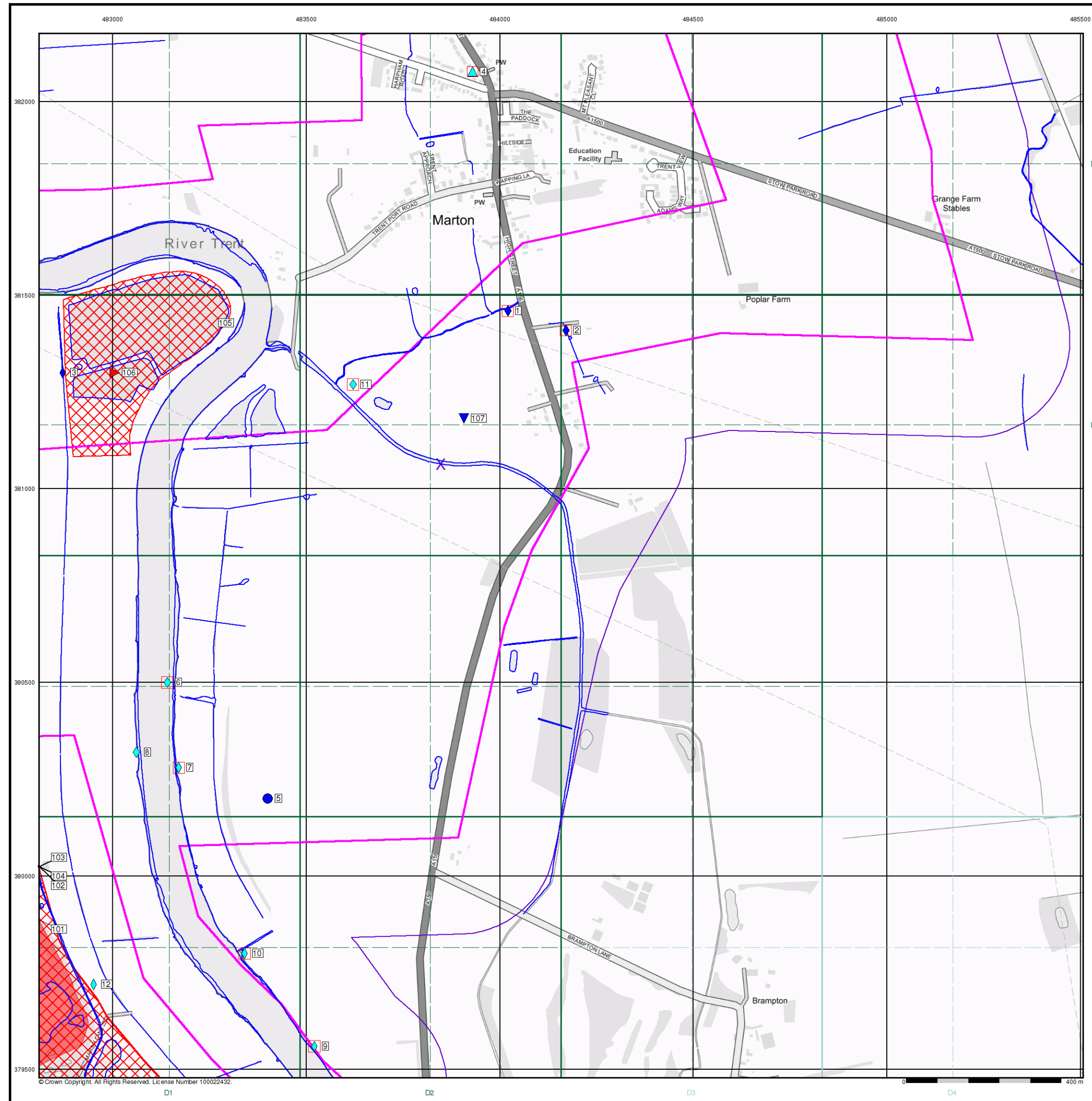
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 Customer Ref: 60664324
 National Grid Reference: 483850, 381060
 Slice: D
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

Site Details

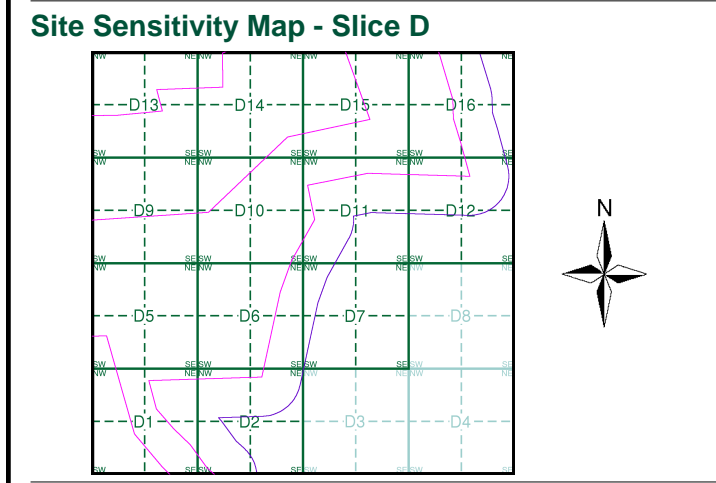
Marton, GAINSBOROUGH, Lincolnshire, DN21 5AA



Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: (REDACTED)



- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
 - Several of Type at Location
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
 - Discharge Consent
 - Enforcement or Prohibition Notice
 - Integrated Pollution Control
 - Integrated Pollution Prevention Control
 - Local Authority Integrated Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control Enforcement
 - 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
- Waste**
- BGS Recorded Landfill Site (Location)
 - BGS Recorded Landfill Site
 - EA Historic Landfill (Buffered Point)
 - EA Historic Landfill (Polygon)
 - Integrated Pollution Control Registered Waste Site
 - Licensed Waste Management Facility (Landfill Boundary)
 - Licensed Waste Management Facility (Location)
 - Local Authority Recorded Landfill Site (Location)
 - Local Authority Recorded Landfill Site
 - Registered Landfill Site
 - Registered Landfill Site (Location)
 - Registered Landfill Site (Point Buffered to 100m)
 - Registered Landfill Site (Point Buffered to 250m)
 - Registered Waste Transfer Site (Location)
 - Registered Waste Transfer Site
 - Registered Waste Treatment or Disposal Site (Location)
 - Registered Waste Treatment or Disposal Site
- Hazardous Substances**
- COMAH Site
 - Explosive Site
 - NIHHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
- Geological**
- BGS Recorded Mineral Site
- Industrial Land Use**
- Contemporary Trade Directory Entry
 - Fuel Station Entry



Order Details

Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 483850, 381060
 Slice: D
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

Site Details
 Marton, GAINSBOROUGH, Lincolnshire, DN21 5AA



Industrial Land Use Map

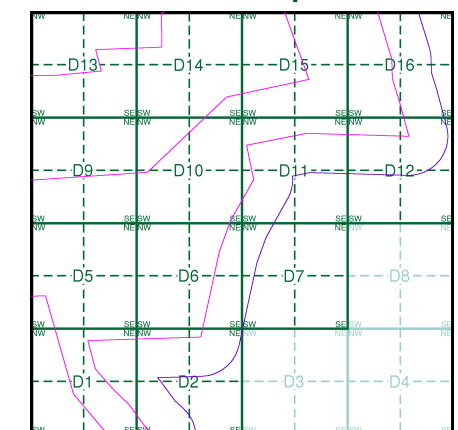
General

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

Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry
- Gas Pipeline
- Underground Electrical Cables

Industrial Land Use Map - Slice D



Order Details

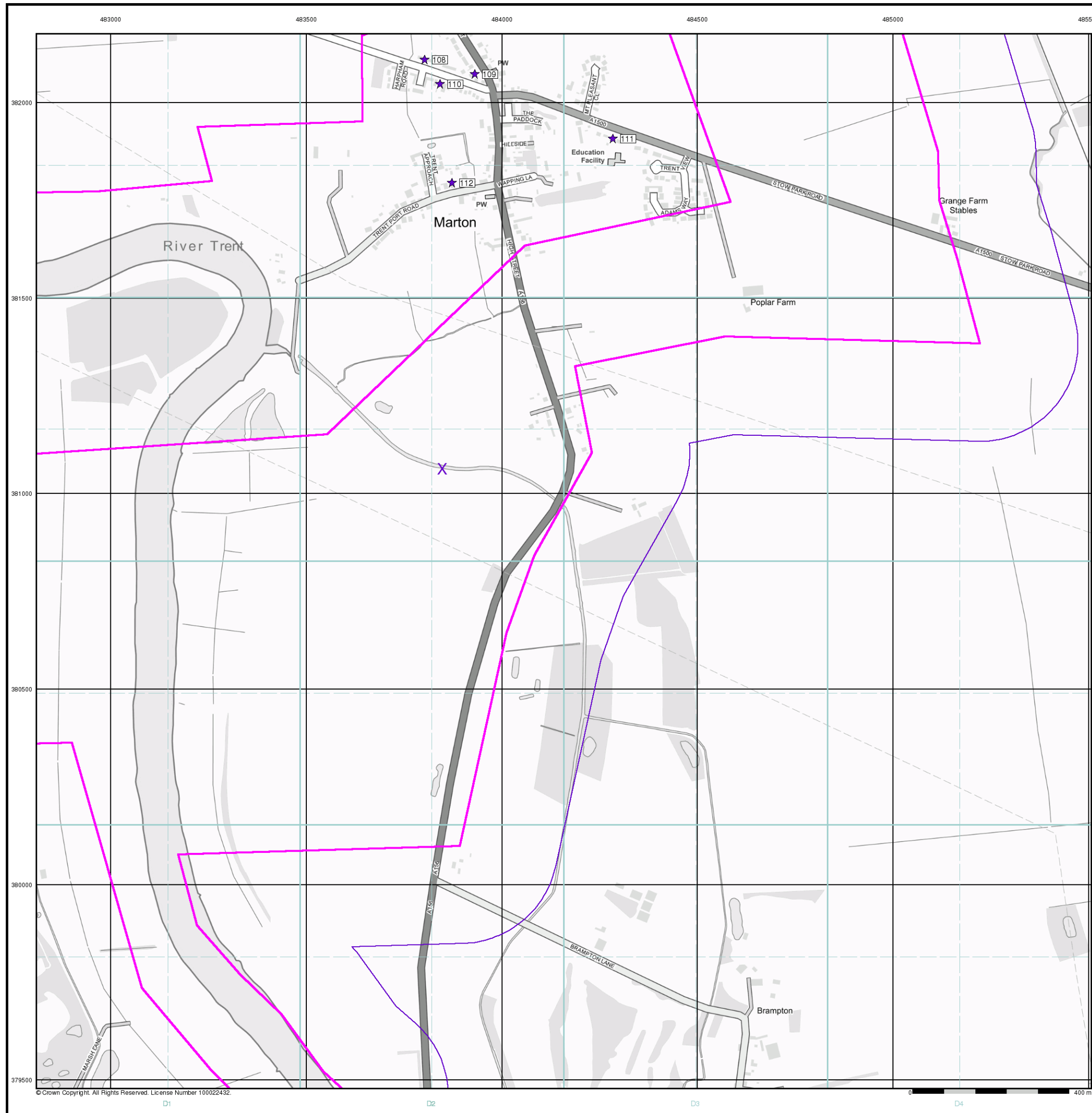
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 Customer Ref: 60664324
 National Grid Reference: 483850, 381060
 Slice: D
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

Site Details

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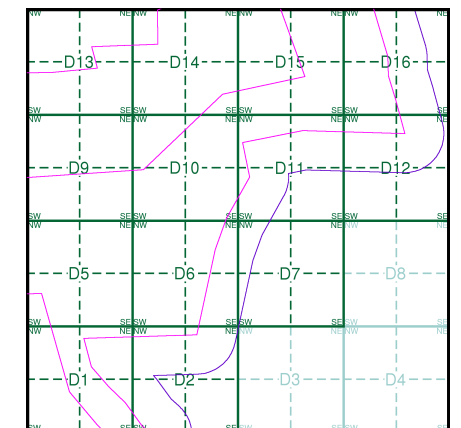
General

-  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

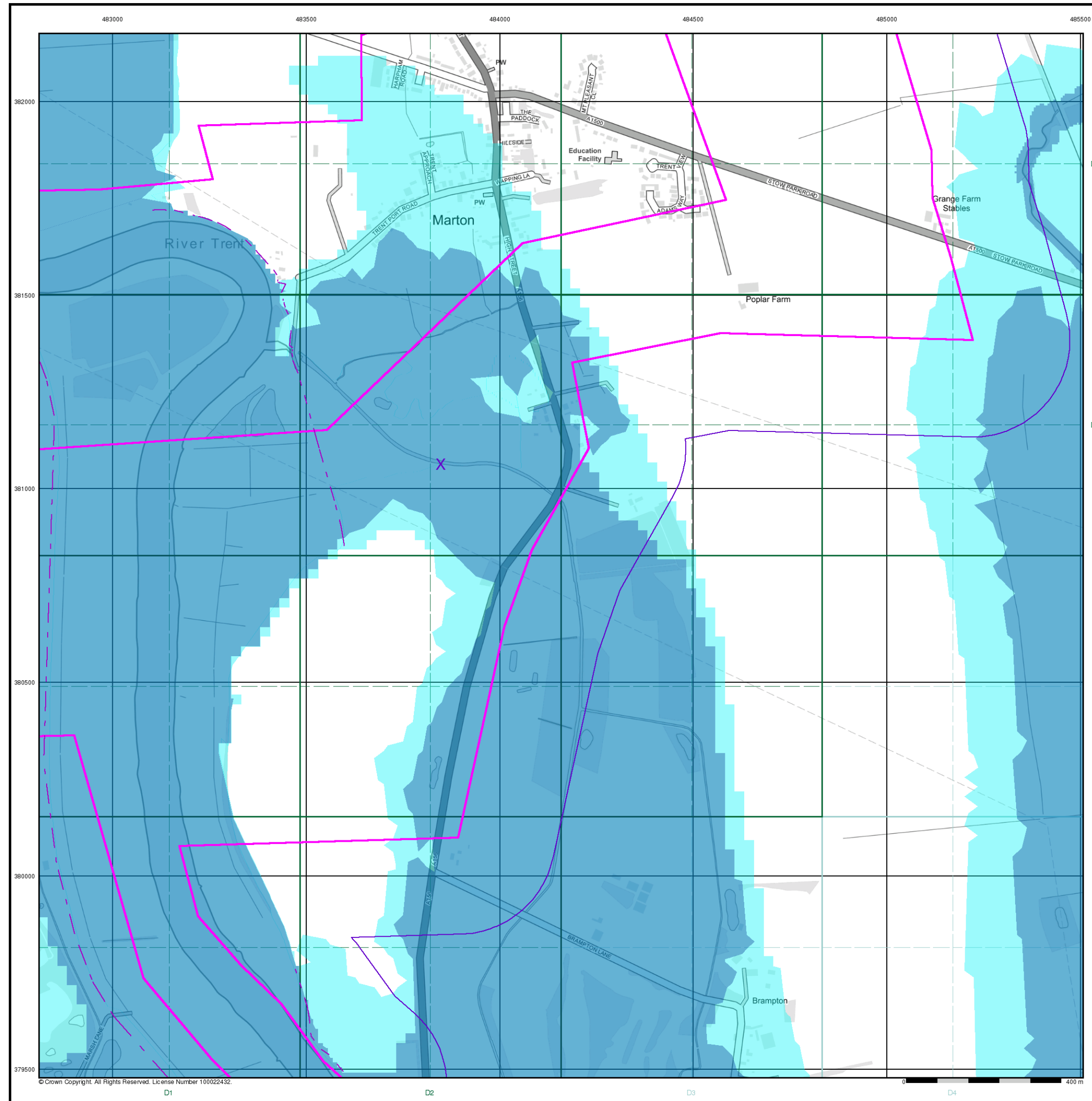


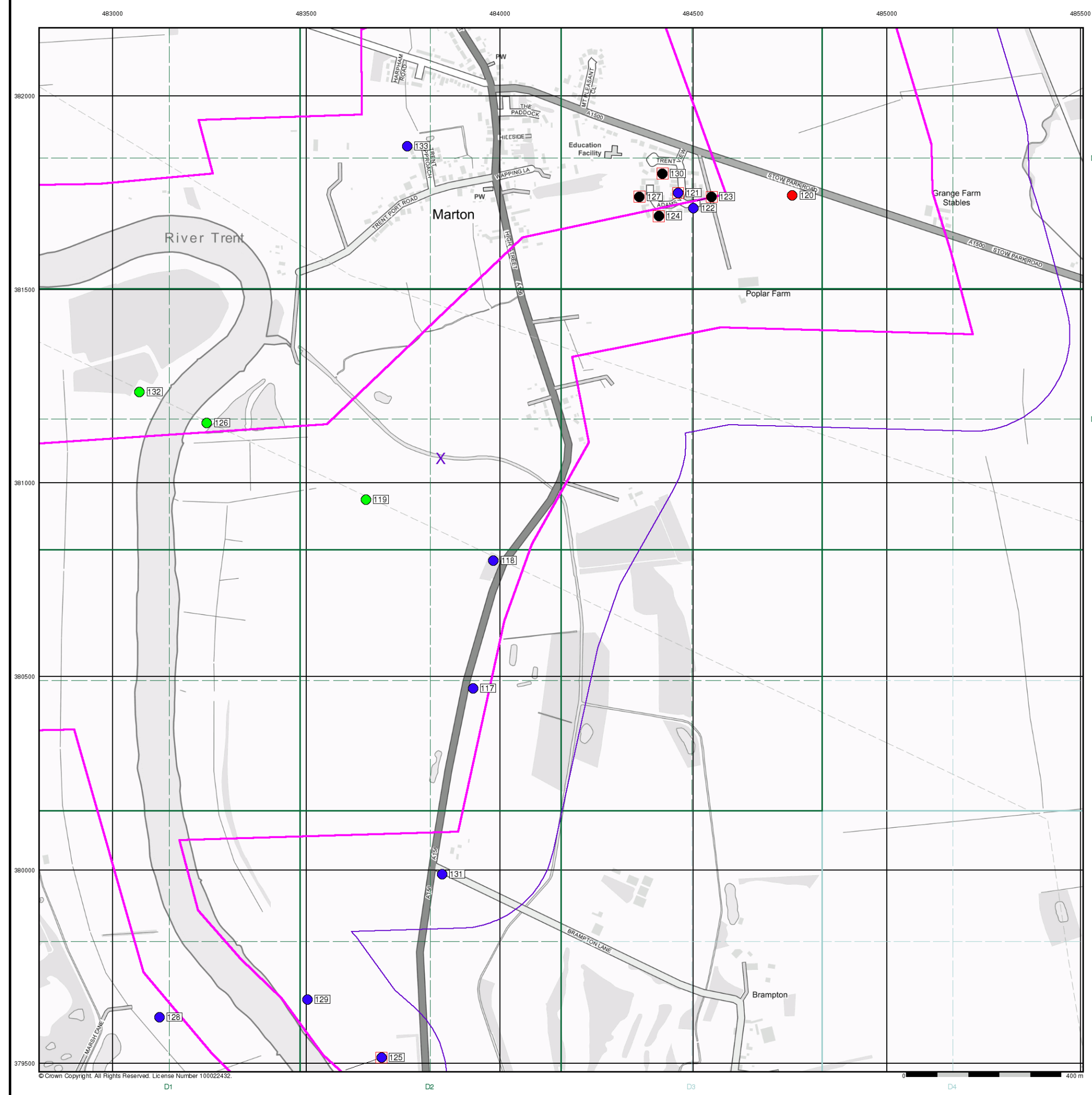
Order Details

Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 483850, 381060
 Slice: D
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

Site Details

Marton, GAINSBOROUGH, Lincolnshire, DN21 5AA





General

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

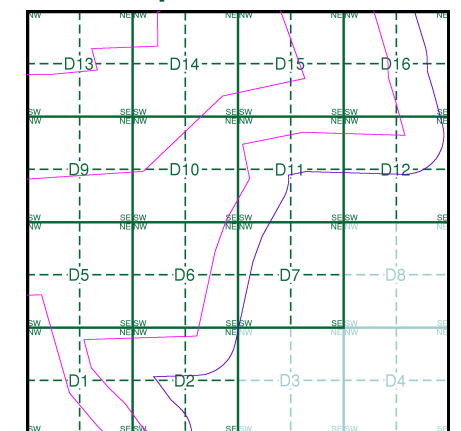
Agency and Hydrological (Boreholes)

- 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 (REDACTED).

Borehole Map - Slice D



Order Details

Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 483850, 381060
 Slice: D
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

Site Details

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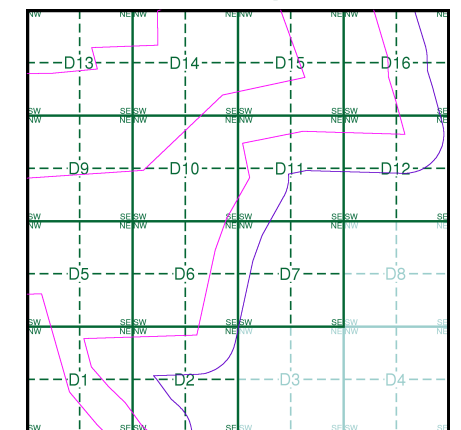
General

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

OS Water Network Data

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

OS Water Network Map - Slice D



Order Details

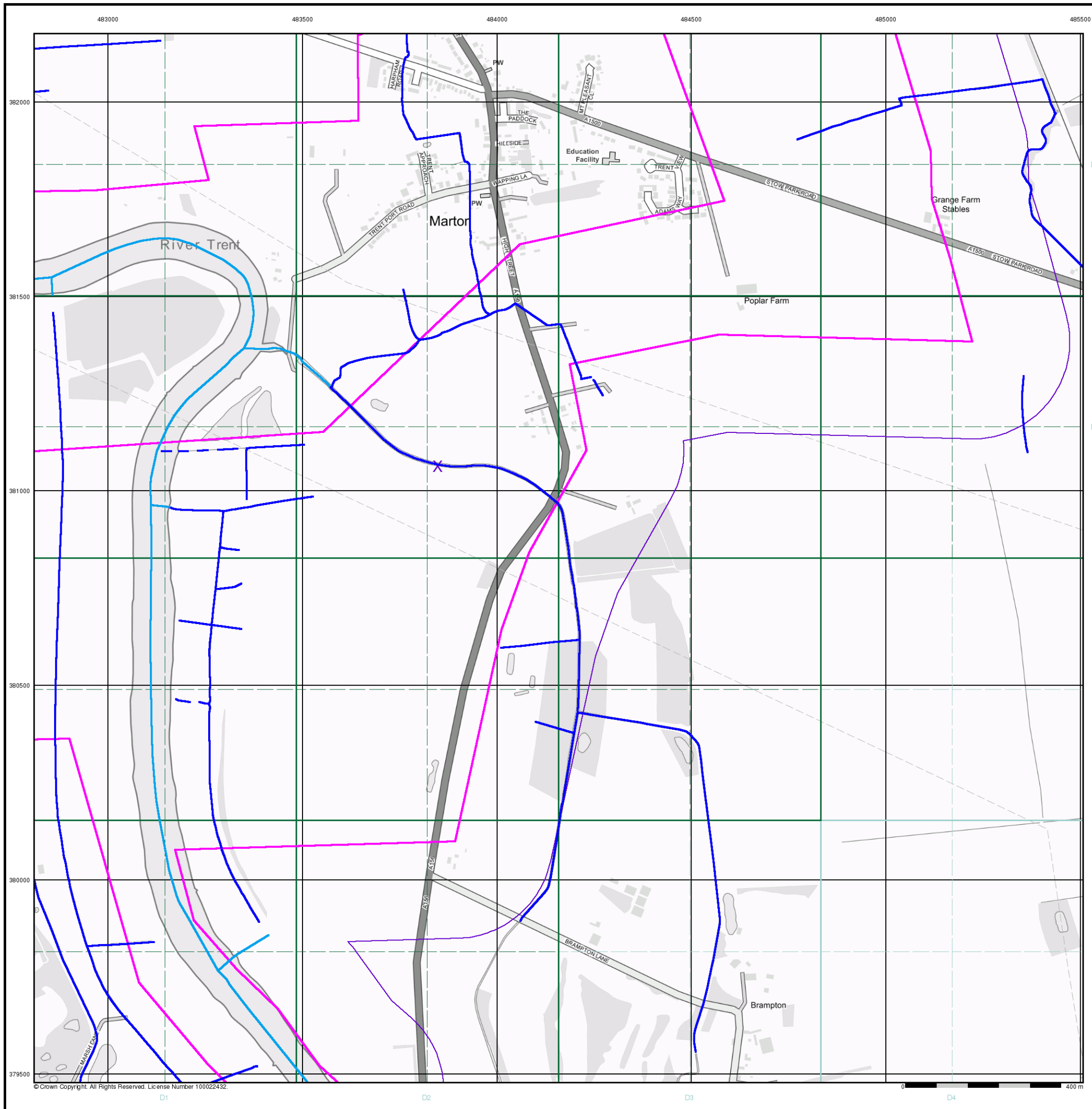
Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 483850, 381060
 Slice: D
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

Site Details

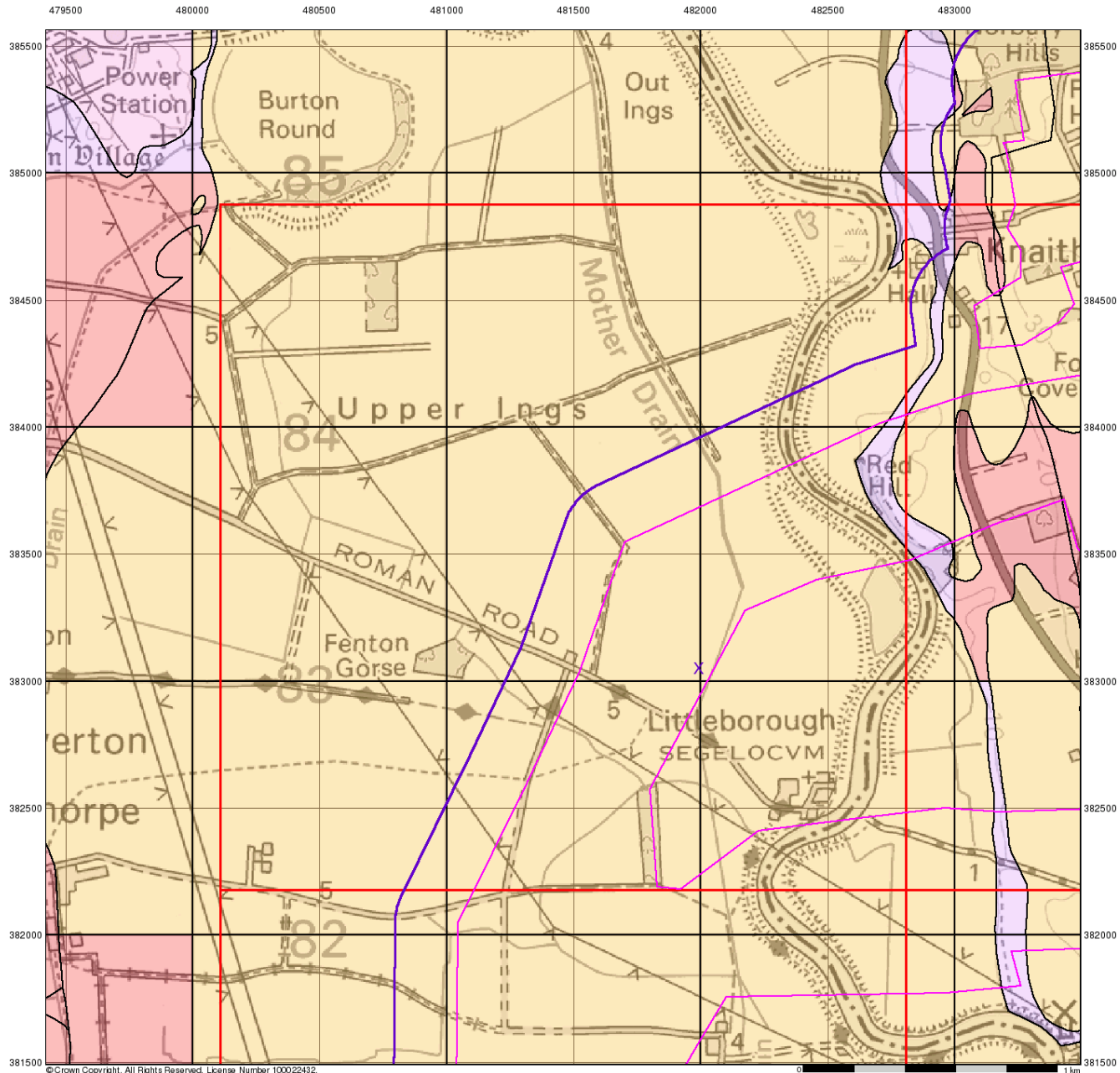
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Groundwater Vulnerability

General

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

Agency and Hydrological

Bedrock Aquifers

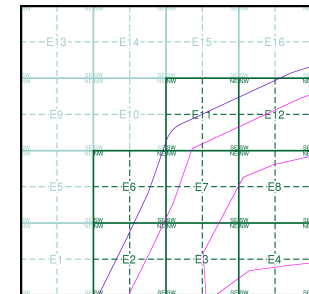
- High Vulnerability, Principal Aquifer
- High Vulnerability, Secondary Aquifer
- Medium Vulnerability, Principal Aquifer
- Medium Vulnerability, Secondary Aquifer
- Low Vulnerability, Principal Aquifer
- Low Vulnerability, Secondary Aquifer

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

- Unproductive Aquifer
- ⋯ Soluble Rock

Site Sensitivity Context Map - Slice E



Order Details

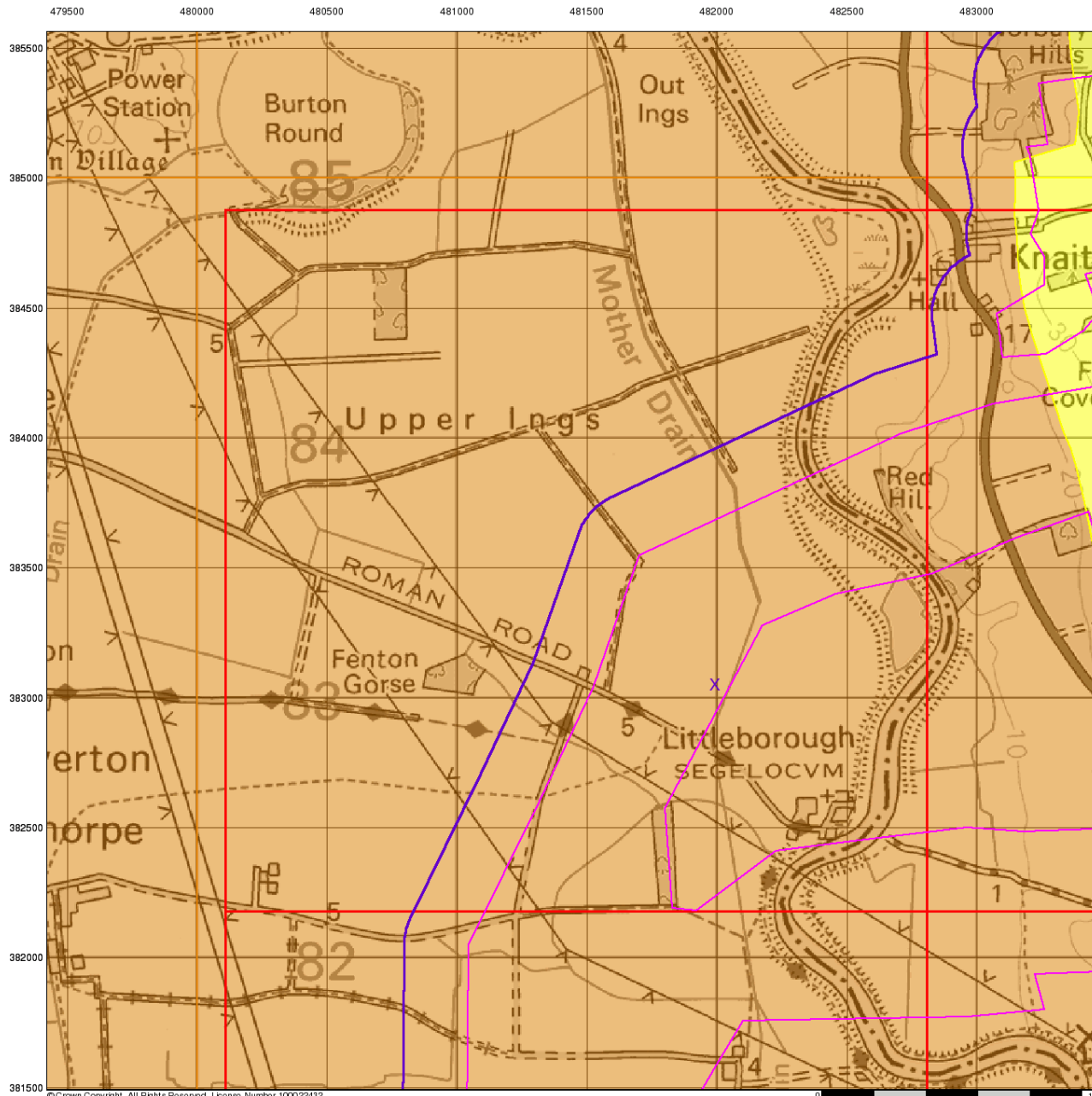
Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 481990, 383050
 Slice: E
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

Site Details

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Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: (REDACTED)



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Bedrock Aquifer Designation

General

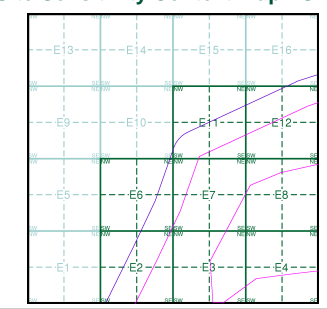
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

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 E



Order Details

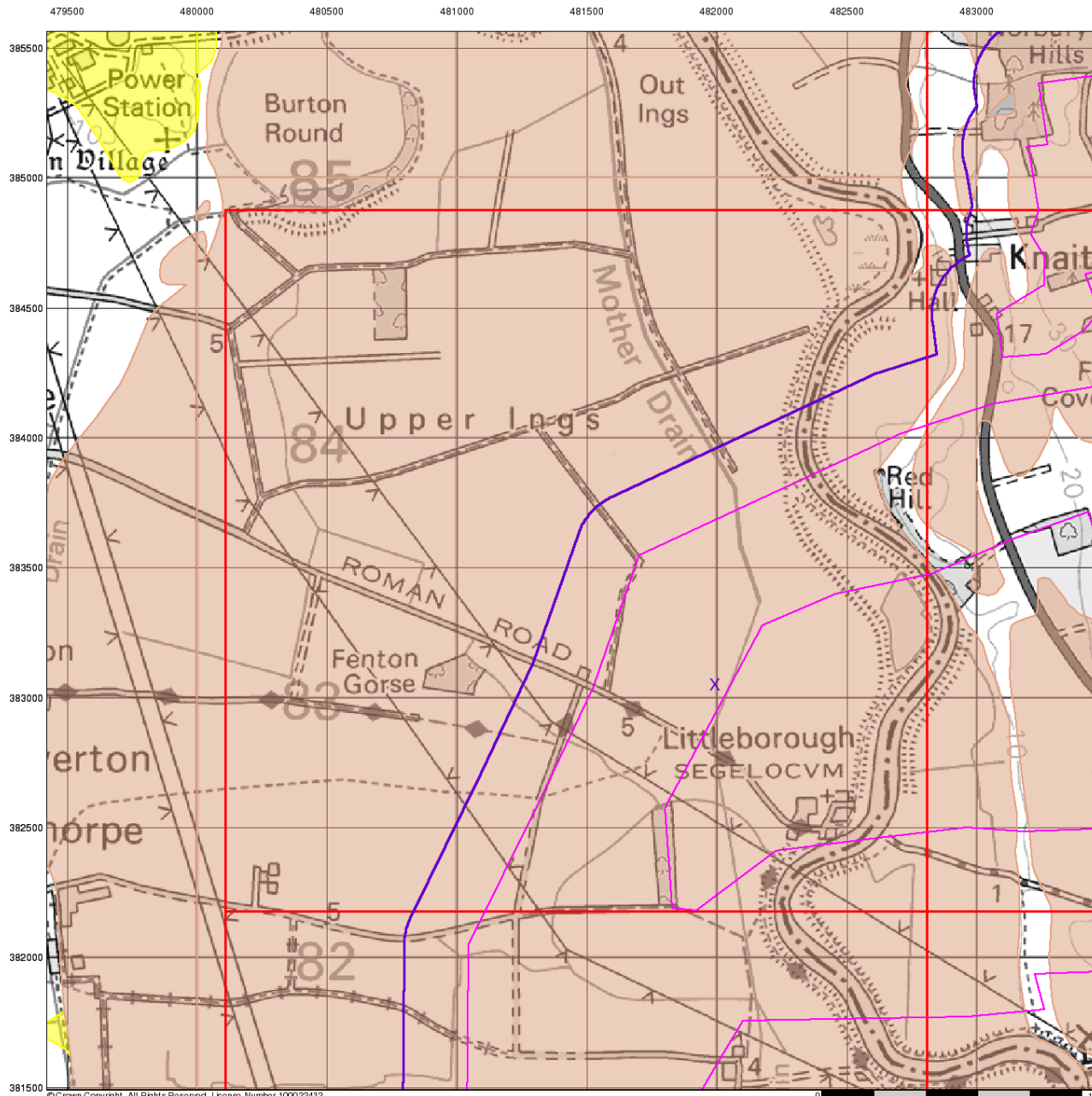
Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 481990, 383050
 Slice: E
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

Site Details

Marton, GAINSBOROUGH, Lincolnshire, DN21 5AA



Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: (REDACTED)



Superficial Aquifer Designation

General

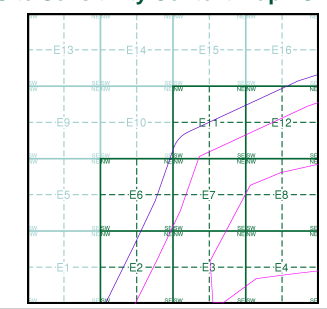
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

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 E



Order Details

Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 481990, 383050
 Slice: E
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

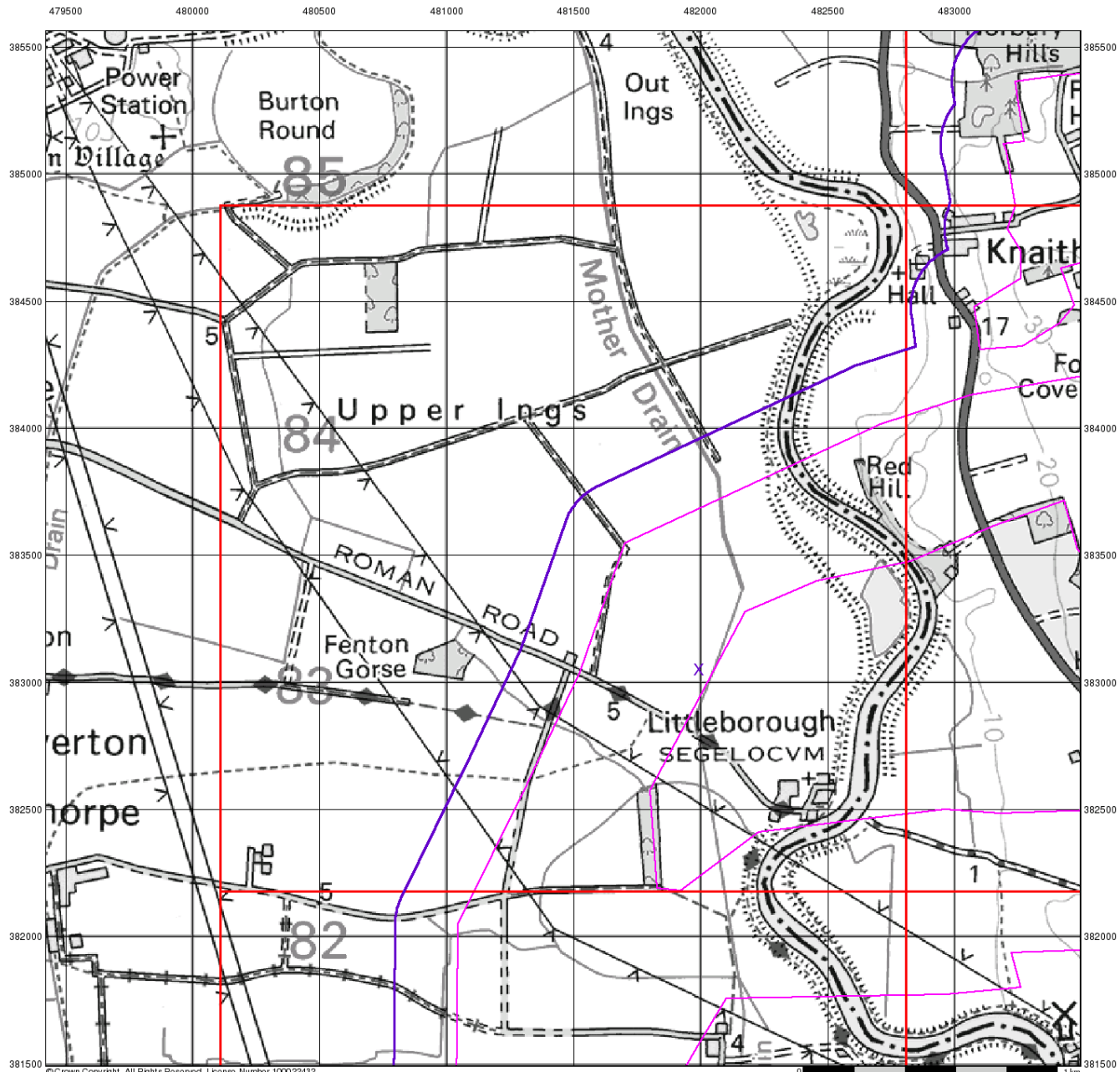
Site Details

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Source Protection Zones

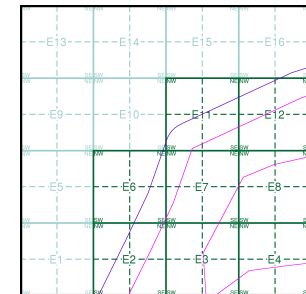
General

- ▭ Specified Site
- ▭ Specified Buffer(s)
- X Bearing Reference Point
- ▭ Slice
- B 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 E



Order Details

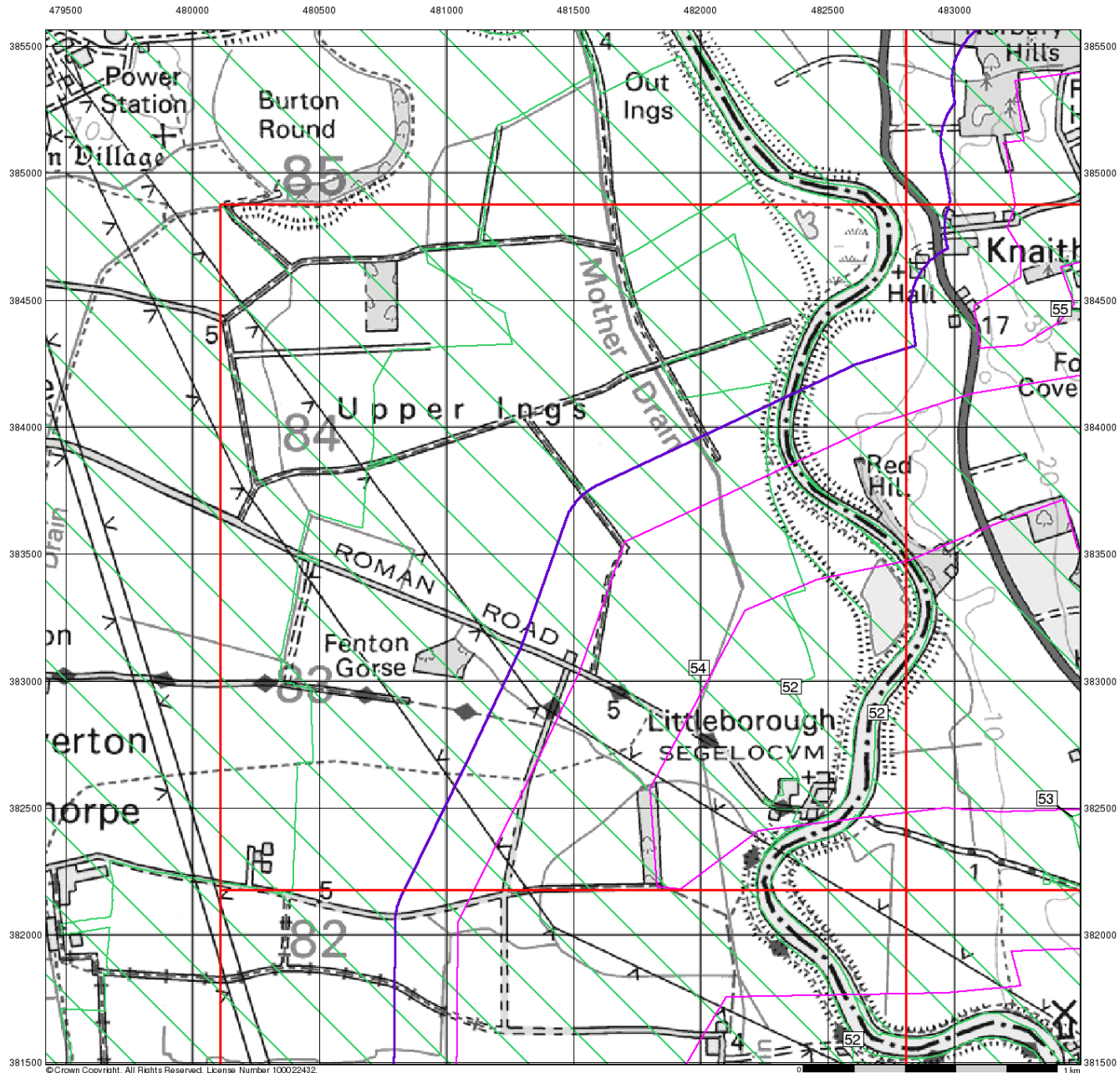
Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 481990, 383050
 Slice: E
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

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Sensitive Land Uses

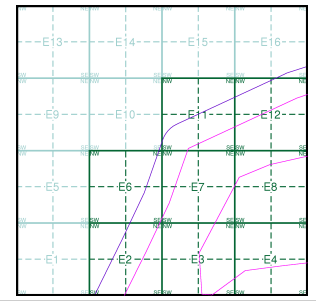
General

- 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 E



Order Details

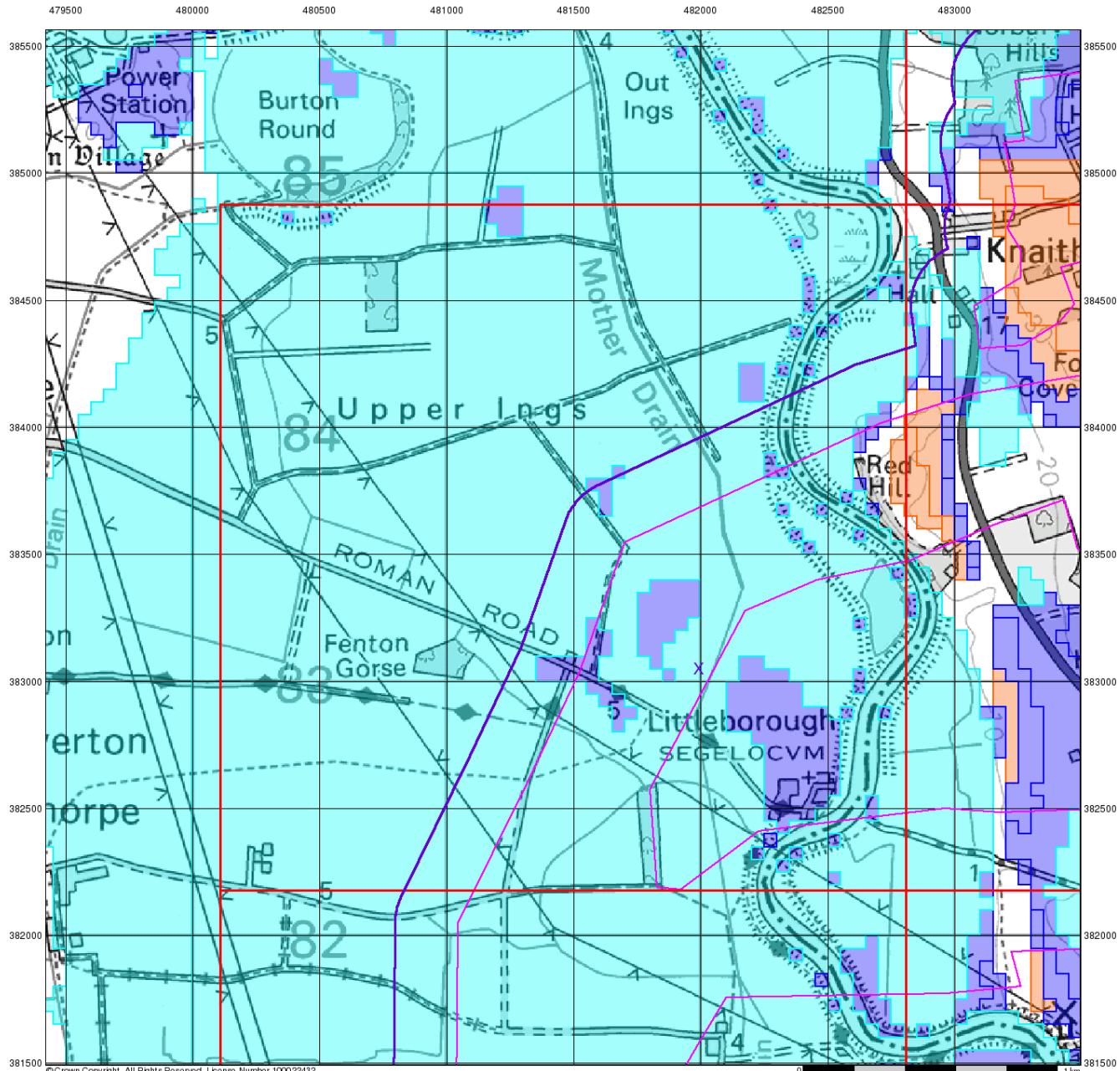
Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 481990, 383050
 Slice: E
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

Site Details

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Tel: 0844 844 9952
 Fax: 0844 844 9951
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BGS Flood GFS Data

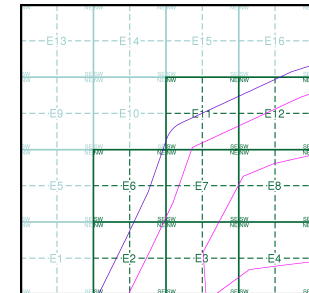
General

- 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 E



Order Details

Order Number: 286968913_1_1
 Customer Ref: 60664324
 National Grid Reference: 481990, 383050
 Slice: E
 Site Area (Ha): 1658.81
 Search Buffer (m): 250

Site Details

Marton, GAINSBOROUGH, Lincolnshire, DN21 5AA



Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: (REDACTED)

Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

286968913_1_1

Customer Reference:

60664324

National Grid Reference:

481350, 378780

Slice:

A

Site Area (Ha):

1658.81

Search Buffer (m):

250

Site Details:

Marton
GAINSBOROUGH
Lincolnshire
DN21 5AA

Client Details:

Mr D Abberley
AECOM Ltd
Colmore Plaza
Colmore Circus
Queensway
Birmingham
B4 6AT

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	33
Hazardous Substances	36
Geological	37
Industrial Land Use	41
Sensitive Land Use	42
Data Currency	43
Data Suppliers	48
Useful Contacts	49

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 (*up to 500m)
Agency & Hydrological			
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes
Contaminated Land Register Entries and Notices			
Discharge Consents	pg 3	3	1
Prosecutions Relating to Controlled Waters			n/a
Enforcement and Prohibition Notices			
Integrated Pollution Controls	pg 3		32
Integrated Pollution Prevention And Control	pg 8		25
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 17	Yes	
Pollution Incidents to Controlled Waters	pg 17	2	
Prosecutions Relating to Authorised Processes			
Registered Radioactive Substances			
River Quality	pg 17	2	
River Quality Biology Sampling Points			
River Quality Chemistry Sampling Points			
Substantiated Pollution Incident Register			
Water Abstractions	pg 18	15	11
Water Industry Act Referrals			
Groundwater Vulnerability Map	pg 24	Yes	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a
Bedrock Aquifer Designations	pg 28	Yes	n/a
Superficial Aquifer Designations	pg 28	Yes	n/a
Source Protection Zones			
Extreme Flooding from Rivers or Sea without Defences	pg 28	Yes	
Flooding from Rivers or Sea without Defences	pg 28	Yes	
Areas Benefiting from Flood Defences			
Flood Water Storage Areas			
Flood Defences	pg 28	Yes	
OS Water Network Lines	pg 28	25	10

Data Type	Page Number	On Site	0 to 250m (*up to 500m)
Waste			
BGS Recorded Landfill Sites			
Historical Landfill Sites	pg 33	2	1
Integrated Pollution Control Registered Waste Sites			
Licensed Waste Management Facilities (Landfill Boundaries)	pg 33	4	
Licensed Waste Management Facilities (Locations)	pg 34	3	2
Local Authority Landfill Coverage	pg 35	4	n/a
Local Authority Recorded Landfill Sites			
Registered Landfill Sites			
Registered Waste Transfer Sites			
Registered Waste Treatment or Disposal Sites			
Hazardous Substances			
Control of Major Accident Hazards Sites (COMAH)	pg 36		2
Explosive Sites			
Notification of Installations Handling Hazardous Substances (NIHHS)			
Planning Hazardous Substance Consents	pg 36		1
Planning Hazardous Substance Enforcements			
Geological			
BGS 1:625,000 Solid Geology	pg 37	Yes	n/a
BGS Recorded Mineral Sites	pg 37	2	6
CBSCB Compensation District			n/a
Coal Mining Affected Areas			n/a
Mining Instability			n/a
Man-Made Mining Cavities			
Natural Cavities			
Non Coal Mining Areas of Great Britain			
Potential for Collapsible Ground Stability Hazards	pg 38	Yes	Yes
Potential for Compressible Ground Stability Hazards	pg 38	Yes	
Potential for Ground Dissolution Stability Hazards			
Potential for Landslide Ground Stability Hazards	pg 39	Yes	Yes
Potential for Running Sand Ground Stability Hazards	pg 39	Yes	Yes
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 40	Yes	
Radon Potential - Radon Affected Areas			n/a
Radon Potential - Radon Protection Measures			n/a

Data Type	Page Number	On Site	0 to 250m (*up to 500m)
Industrial Land Use			
Contemporary Trade Directory Entries	pg 41	1	6
Fuel Station Entries			
Gas Pipelines			
Underground Electrical Cables	pg 41	2	
Sensitive Land Use			
Ancient Woodland			
Areas of Adopted Green Belt			
Areas of Unadopted Green Belt			
Areas of Outstanding Natural Beauty			
Environmentally Sensitive Areas			
Forest Parks			
Local Nature Reserves			
Marine Nature Reserves			
National Nature Reserves			
National Parks			
Nitrate Sensitive Areas			
Nitrate Vulnerable Zones	pg 42	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
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15SE (E)	0	1	481900 378850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NW (E)	0	1	482400 378800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NW (E)	0	1	482200 378650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NE)	0	1	483400 380000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	0	1	483350 379200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A16NE (NE)	0	1	482600 379350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A10NE (N)	0	1	481345 378800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	0	1	483450 379400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	0	1	483400 379450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NE)	0	1	483400 380100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A16SW (E)	0	1	482400 378850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	483100 379850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(E)	0	1	483100 378950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	0	1	483300 378950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	483150 379750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	0	1	483500 378550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NW (E)	0	1	482350 378781
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	483250 379650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	483050 380050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	483200 379700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(N)	0	1	481345 380000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A10NE (E)	0	1	481345 378781

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A11NE (E)	17	1	482050 378600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A16SW (E)	21	1	482300 378950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (E)	25	1	482500 378700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NW (E)	38	1	482450 378650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A16SW (E)	46	1	482400 379000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A11NE (E)	67	1	482050 378550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	73	1	483250 379250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	78	1	483000 379600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NE)	83	1	483350 379950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NE)	86	1	483450 379950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	94	1	483200 379350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NW (E)	100	1	482250 378550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	101	1	482850 379950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	104	1	483400 379850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A11NE (E)	116	1	482050 378500
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NE)	134	1	483400 379900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (E)	135	1	482550 378600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	156	1	482850 379500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	161	1	481450 379600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	169	1	483000 379400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	200	1	483100 379300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15SE (NE)	216	1	481950 379100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	<p>Discharge Consents</p> <p>Operator: Lafarge Aggregates Limited Property Type: Undefined Or Other Location: Rampton Quarry, Torksey Ferry Road, Rampton, Nottinghamshire, Dn22 0ht Authority: Environment Agency, Midlands Region Catchment Area: Trent Catchment : Trent To Confluence With Idle Reference: T/69/08009/T Permit Version: 1 Effective Date: 20th August 1980 Issued Date: 20th August 1980 Revocation Date: 2nd April 2012 Discharge Type: Trade Discharge - Mineral Workings Discharge: Freshwater Stream/River Environment: Receiving Water: River Trent Status: Surrendered under EPR 2010 Positional Accuracy: Located by supplier to within 100m</p>	A12NW (E)	0	2	482380 378690
2	<p>Discharge Consents</p> <p>Operator: Lafarge Aggregates Limited Property Type: Undefined Or Other Location: Rampton Quarry, Torksey Ferry Road, Rampton, Nottinghamshire Authority: Environment Agency, Midlands Region Catchment Area: Trent Catchment : Trent To Confluence With Idle Reference: Wq/72/3052 Permit Version: 1 Effective Date: 20th August 1980 Issued Date: 20th August 1980 Revocation Date: 23rd May 2006 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Underground Strata Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m</p>	A12NW (E)	0	2	482380 378750
3	<p>Discharge Consents</p> <p>Operator: Powergen Uk Plc Property Type: Undefined Or Other Location: Cottam Power Station, Retford, Nottingham, Nottinghamshire Authority: Environment Agency, Midlands Region Catchment Area: Uncategorised Lower Trent Reference: Al2896 Permit Version: 1 Effective Date: 1st January 1994 Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Trade Effluent Discharge-Site Drainage Discharge: Not Supplied Environment: Receiving Water: Not Supplied Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m</p>	A10NW (W)	0	2	481070 378670
4	<p>Discharge Consents</p> <p>Operator: Powergen Uk Plc Property Type: Undefined Or Other Location: Cottam Power Station, Retford, Nottingham, Nottinghamshire Authority: Environment Agency, Midlands Region Catchment Area: Uncategorised Lower Trent Reference: Al2896 Permit Version: 1 Effective Date: 1st January 1994 Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Unknown Discharge: Not Supplied Environment: Receiving Water: Not Supplied Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m</p>	A15SE (NE)	109	2	481830 378990
5	<p>Integrated Pollution Controls</p> <p>Name: Edf Energy (Cottam Power) Ltd Location: Cottam Power Station, Po Box 4, Retford, Nottinghamshire, Dn22 0eu Authority: Environment Agency, Midlands Region Permit Reference: Bt4605 Dated: 16th October 2002 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.3 A (A) Combustion processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the address or location</p>	A14NE (N)	80	2	481227 379163

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	<p>Integrated Pollution Controls</p> <p>Name: Edf Energy (Cottam Power) Ltd Location: Cottam Power Station, Cottam, RETFORD, Nottinghamshire, DN22 0EU Authority: Environment Agency, Midlands Region Permit Reference: BH0500 Dated: 26th January 2000 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.3 A (A) Combustion processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the address or location</p>	A14NE (N)	125	2	481304 379167
6	<p>Integrated Pollution Controls</p> <p>Name: Edf Energy (Cottam Power) Ltd Location: Cottam Power Station, Cottam, RETFORD, Nottinghamshire, DN22 0EU Authority: Environment Agency, Midlands Region Permit Reference: BF9247 Dated: 23rd June 1999 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.3 A (A) Combustion processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the address or location</p>	A14NE (N)	125	2	481299 379167
6	<p>Integrated Pollution Controls</p> <p>Name: Edf Energy (Cottam Power) Ltd Location: Cottam Power Station, Po Box 4, RETFORD, Nottinghamshire, DN22 0ET Authority: Environment Agency, Midlands Region Permit Reference: BE2662 Dated: 24th November 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.3 A (A) Combustion processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the address or location</p>	A14NE (N)	125	2	481294 379167
6	<p>Integrated Pollution Controls</p> <p>Name: Edf Energy (Cottam Power) Ltd Location: Cottam Power Station, P O Box 4, RETFORD, Nottinghamshire, DN22 0ET Authority: Environment Agency, Midlands Region Permit Reference: BA3969 Dated: 15th January 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.3 A (A) Combustion processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the address or location</p>	A14NE (N)	125	2	481289 379167
6	<p>Integrated Pollution Controls</p> <p>Name: Edf Energy (Cottam Power) Ltd Location: Cottam Power Station, Cottam, RETFORD, Nottinghamshire, DN22 0EU Authority: Environment Agency, Midlands Region Permit Reference: BH9400 Dated: 14th July 2000 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.3 A (A) Combustion processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the address or location</p>	A14NE (N)	130	2	481304 379172
6	<p>Integrated Pollution Controls</p> <p>Name: Edf Energy (Cottam Power) Ltd Location: Cottam Power Station, Cottam, RETFORD, Nottinghamshire, DN22 0ET Authority: Environment Agency, Midlands Region Permit Reference: AY8395 Dated: 8th June 1997 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.3 A (A) Combustion processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the address or location</p>	A14NE (N)	130	2	481289 379172
6	<p>Integrated Pollution Controls</p> <p>Name: Edf Energy (Cottam Power) Ltd Location: Cottam Power Station, Cottam, RETFORD, Nottinghamshire, DN22 0EU Authority: Environment Agency, Midlands Region Permit Reference: AS9500 Dated: 8th March 1996 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.3 A (A) Combustion processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the address or location</p>	A14NE (N)	130	2	481294 379172

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	<p>Integrated Pollution Controls</p> <p>Name: Edf Energy (Cottam Power) Ltd Location: Cottam Power Station, Cottam, RETFORD, Nottinghamshire, DN22 0EU Authority: Environment Agency, Midlands Region Permit Reference: AA3433 Dated: 8th April 1993 Process Type: IPC application for process that was regulated by HMIP for air releases under previous legislation Description: 1.3 A (A) Combustion processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the address or location</p>	A14NE (N)	130	2	481299 379172
6	<p>Integrated Pollution Controls</p> <p>Name: Edf Energy (Cottam Power) Ltd Location: Cottam Power Station, Cottam, RETFORD, Nottinghamshire, DN22 0ET Authority: Environment Agency, Midlands Region Permit Reference: AY6465 Dated: 6th October 1997 Process Type: IPC major (substantial) variation Description: 1.3 A (A) Combustion processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the address or location</p>	A14NE (N)	135	2	481289 379177
6	<p>Integrated Pollution Controls</p> <p>Name: Edf Energy (Cottam Power) Ltd Location: Cottam Power Station, Cottam, RETFORD, Nottinghamshire, DN22 0EU Authority: Environment Agency, Midlands Region Permit Reference: AV7210 Dated: 21st May 1996 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.3 A (A) Combustion processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the address or location</p>	A14NE (N)	135	2	481299 379177
6	<p>Integrated Pollution Controls</p> <p>Name: Edf Energy (Cottam Power) Ltd Location: Cottam Power Station, Cottam, RETFORD, Nottinghamshire, DN22 0EU Authority: Environment Agency, Midlands Region Permit Reference: AL2896 Dated: 1st January 1994 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.3 A (A) Combustion processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the address or location</p>	A14NE (N)	135	2	481294 379177
6	<p>Integrated Pollution Controls</p> <p>Name: Edf Energy (Cottam Power) Ltd Location: Cottam Power Station, Cottam, RETFORD, Nottinghamshire, DN22 0EU Authority: Environment Agency, Midlands Region Permit Reference: AX1301 Dated: 21st November 1996 Process Type: IPC major (substantial) variation Description: 1.3 A (A) Combustion processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the address or location</p>	A14NE (N)	140	2	481289 379182
6	<p>Integrated Pollution Controls</p> <p>Name: Edf Energy (Cottam Power) Ltd Location: Cottam Power Station, Cottam, RETFORD, Nottinghamshire, DN22 0EU Authority: Environment Agency, Midlands Region Permit Reference: AW4615 Dated: 10th October 1996 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.3 A (A) Combustion processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the address or location</p>	A14NE (N)	140	2	481299 379182
6	<p>Integrated Pollution Controls</p> <p>Name: Edf Energy (Cottam Power) Ltd Location: Cottam Power Station, Cottam, RETFORD, Nottinghamshire, DN22 0EU Authority: Environment Agency, Midlands Region Permit Reference: AW1918 Dated: 13th August 1996 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.3 A (A) Combustion processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the address or location</p>	A14NE (N)	140	2	481294 379182

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	<p>Integrated Pollution Controls</p> <p>Name: E.On Uk Plc Location: Cottam Power Station, Po Box 4, RETFORD, Nottinghamshire, DN22 0ET Authority: Environment Agency, Midlands Region Permit Reference: BH9396 Dated: 10th March 2000 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.3 A (A) Combustion processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address</p>	A14NE (N)	142	2	481293 379184
6	<p>Integrated Pollution Controls</p> <p>Name: E.On Uk Plc Location: Cottam Power Station, Po Box 4, RETFORD, Nottinghamshire, DN22 0ET Authority: Environment Agency, Midlands Region Permit Reference: AZ6967 Dated: 24th December 1998 Process Type: IPC staged application Description: 1.3 A (A) Combustion processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address</p>	A14NE (N)	142	2	481288 379184
6	<p>Integrated Pollution Controls</p> <p>Name: Edf Energy (Cottam Power) Ltd Location: Cottam Power Station, Po Box 4, Retford, Nottinghamshire, Dn22 0eu Authority: Environment Agency, Midlands Region Permit Reference: By9353 Dated: 5th February 2005 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.3 A (A) Combustion processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the address or location</p>	A14NE (N)	144	2	481287 379188
6	<p>Integrated Pollution Controls</p> <p>Name: Edf Energy (Cottam Power) Ltd Location: Cottam Power Station, Po Box 4, RETFORD, Nottinghamshire, DN22 0EU Authority: Environment Agency, Midlands Region Permit Reference: Bm1393 Dated: 26th October 2001 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.3 A (A) Combustion processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the address or location</p>	A14NE (N)	145	2	481288 379188
6	<p>Integrated Pollution Controls</p> <p>Name: Edf Energy (Cottam Power) Ltd Location: Cottam Power Station, PO Box 4, RETFORD, Nottinghamshire, DN22 0ET Authority: Environment Agency, Midlands Region Permit Reference: Bl3455 Dated: Not Supplied Process Type: IPC staged application Description: 1.3 A (A) Combustion processes within the Fuel & Power Industry Status: Application has met the requirements for authorisation (but not yet authorised) Positional Accuracy: Manually positioned to the address or location</p>	A14NE (N)	145	2	481288 379188
6	<p>Integrated Pollution Controls</p> <p>Name: Edf Energy (Cottam Power) Ltd Location: Cottam Power Station, PO Box 4, RETFORD, Nottinghamshire, DN22 0EU Authority: Environment Agency, Midlands Region Permit Reference: Bz1960 Dated: 24th November 2005 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.3 A (A) Combustion processes within the Fuel & Power Industry Status: Revoked - Now IPPC Positional Accuracy: Manually positioned to the address or location</p>	A14NE (N)	146	2	481288 379189
6	<p>Integrated Pollution Controls</p> <p>Name: Edf Energy (Cottam Power) Ltd Location: Cottam Power Station, Cottam, RETFORD, Nottinghamshire, DN22 0EU Authority: Environment Agency, Midlands Region Permit Reference: Bz0823 Dated: 5th July 2005 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.3 A (A) Combustion processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address</p>	A14NE (N)	146	2	481288 379189

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	<p>Integrated Pollution Controls</p> <p>Name: E.On Uk Plc Location: Cottam Power Station, Po Box 4, Retford, Nottinghamshire, DN22 0EU Authority: Environment Agency, Midlands Region Permit Reference: Bk9784 Dated: 28th November 2003 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.3 A (A) Combustion processes within the Fuel & Power Industry Status: Revoked - Now IPPC Positional Accuracy: Automatically positioned to the address</p>	A14NE (N)	146	2	481288 379189
6	<p>Integrated Pollution Controls</p> <p>Name: Edf Energy (Cottam Power) Ltd Location: Cottam Power Station, Cottam, Retford, Nottinghamshire, DN22 0EU Authority: Environment Agency, Midlands Region Permit Reference: Bm7642 Dated: 24th May 2002 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.3 A (A) Combustion processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address</p>	A14NE (N)	146	2	481288 379189
6	<p>Integrated Pollution Controls</p> <p>Name: Edf Energy (Cottam Power) Ltd Location: Cottam Power Station, Cottam, Retford, Nottinghamshire, DN22 0EU Authority: Environment Agency, Midlands Region Permit Reference: Bm7634 Dated: 22nd March 2002 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.3 A (A) Combustion processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address</p>	A14NE (N)	146	2	481288 379189
6	<p>Integrated Pollution Controls</p> <p>Name: Edf Energy (Cottam Power) Ltd Location: Cottam Power Station, Po Box 4, Retford, Nottinghamshire, DN22 0EU Authority: Environment Agency, Midlands Region Permit Reference: Bk9792 Dated: 9th July 2001 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.3 A (A) Combustion processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address</p>	A14NE (N)	146	2	481288 379189
6	<p>Integrated Pollution Controls</p> <p>Name: Edf Energy (Cottam Power) Ltd Location: Cottam Power Station, Cottam, Retford, Nottinghamshire, DN22 0EU Authority: Environment Agency, Midlands Region Permit Reference: Bk7412 Dated: 28th March 2001 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.3 A (A) Combustion processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address</p>	A14NE (N)	146	2	481288 379189
6	<p>Integrated Pollution Controls</p> <p>Name: Edf Energy (Cottam Power) Ltd Location: Cottam Power Station, Cottam, Retford, Nottinghamshire, DN22 0EU Authority: Environment Agency, Midlands Region Permit Reference: Bj8596 Dated: 20th December 2000 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.3 A (A) Combustion processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address</p>	A14NE (N)	146	2	481288 379189
6	<p>Integrated Pollution Controls</p> <p>Name: Edf Energy (Cottam Power) Ltd Location: Cottam Power Station, Cottam, Retford, Nottinghamshire, DN22 0EU Authority: Environment Agency, Midlands Region Permit Reference: Bj8332 Dated: 14th November 2000 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.3 A (A) Combustion processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address</p>	A14NE (N)	146	2	481288 379189

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	<p>Integrated Pollution Controls</p> <p>Name: E.On Uk Plc Location: Cottam Power Station, Po Box 4, RETFORD, Nottinghamshire, DN22 0EU Authority: Environment Agency, Midlands Region Permit Reference: BG5298 Dated: 27th August 1999 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.3 A (A) Combustion processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address</p>	A14NE (N)	146	2	481288 379189
6	<p>Integrated Pollution Controls</p> <p>Name: Edf Energy (Cottam Power) Ltd Location: Cottam Power Station, Po Box 4., Retford, Nottinghamshire, Dn22 0eu Authority: Environment Agency, Midlands Region Permit Reference: Bq3614 Dated: 15th March 2002 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.3 A (A) Combustion processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the address or location</p>	A14NE (N)	151	2	481298 379193
7	<p>Integrated Pollution Controls</p> <p>Name: Edf Energy (Cottam Power) Ltd Location: Cottam Power Station, Po Box 4, Retford, Nottinghamshire, Dn22 0eu Authority: Environment Agency, Midlands Region Permit Reference: Bt7230 Dated: 1st December 2002 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.3 A (A) Combustion processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the address or location</p>	A14NE (N)	156	2	481278 379262
8	<p>Integrated Pollution Prevention And Control</p> <p>Name: Edf Energy (Thermal Generation) Limited Location: Cottam Power Station Epr/Sp3535lt, Cottam Power Station, Cottam., Retford, Nottinghamshire, DN22 0EU Authority: Environment Agency, Midlands Region Permit Reference: FP3531QW Original Permit Ref: Wp3135jl Effective Date: 26th April 2019 Status: Effective Application Type: Variation App. Sub Type: Simple Standard Variation Positional Accuracy: Located by supplier to within 10m Activity Code: 3.5 B f) Activity Description: Other Mineral Activities; Loading, Unloading, or Storing Pulverised Fuel Ash in Bulk Prior to Further Transportation in Bulk Primary Activity: N Activity Code: 4.2 A(1) (A) (IV) Activity Description: Inorganic Chemicals; Salts Eg Ammonium Chloride Primary Activity: N Activity Code: 1.1 A(1) (A) Activity Description: Combustion; Any Fuel Greater Or Equal To 50Mw Primary Activity: Y Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N Activity Code: 5.4 A(1) b) (iii) Activity Description: RECOVERY OR A MIX OF RECOVERY AND DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING TREATMENT OF SLAGS AND ASHES Primary Activity: N Activity Code: 5.4 A(1) (a) (ii) Activity Description: DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING PHYSICO-CHEMICAL TREATMENT Primary Activity: N</p>	A14NE (N)	136	2	481280 379180

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	<p>Integrated Pollution Prevention And Control</p> <p>Name: Edf Energy (Thermal Generation) Limited Location: Cottam Power Station Epr/Wp3135jl, Cottam Power Station, Cottam,, Retford, Nottinghamshire, DN22 0EU Authority: Environment Agency, Midlands Region Permit Reference: WP3034JQ Original Permit Ref: Wp3135jl Effective Date: 15th January 2018 Status: Superseded By Variation Application Type: Variation App. Sub Type: Minor Positional Accuracy: Located by supplier to within 10m Activity Code: 1.1 A(1) (A) Activity Description: Combustion; Any Fuel Greater Or Equal To 50Mw Primary Activity: Y Activity Code: 5.4 A(1) (a) (ii) Activity Description: DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING PHYSICO-CHEMICAL TREATMENT Primary Activity: N Activity Code: 5.3 A(1) a) (iii) Activity Description: DISPOSAL OR RECOVERY OF HAZ WASTE WITH CAPACITY EXCEEDING 10 TONNES PER DAY INVOLVING BLENDING OR MIXING PRIOR TO SUBMISSION TO ANY OF THE OTHER ACTIVITIES LISTED IN THIS SECTION OR IN SECTION 5.1 Primary Activity: N Activity Code: 4.2 A(1) (A) (IV) Activity Description: Inorganic Chemicals; Salts Eg Ammonium Chloride Primary Activity: N Activity Code: 3.5 B f) Activity Description: Other Mineral Activities; Loading, Unloading, or Storing Pulverised Fuel Ash in Bulk Prior to Further Transportation in Bulk Primary Activity: N Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N</p>	A14NE (N)	136	2	481280 379180
8	<p>Integrated Pollution Prevention And Control</p> <p>Name: Edf Energy (West Burton Power) Limited Location: Cottam Power Station Epr/Sp3535lt, Cottam Power Station, Cottam,, Retford, Nottinghamshire, DN22 0EU Authority: Environment Agency, Midlands Region Permit Reference: WP3135JL Original Permit Ref: Wp3135jl Effective Date: 22nd December 2017 Status: Superseded By Variation Application Type: Transfer App. Sub Type: Whole limited change in management Positional Accuracy: Located by supplier to within 10m Activity Code: 4.2 A(1) (A) (IV) Activity Description: Inorganic Chemicals; Salts Eg Ammonium Chloride Primary Activity: N Activity Code: 5.3 A(1) a) (iii) Activity Description: DISPOSAL OR RECOVERY OF HAZ WASTE WITH CAPACITY EXCEEDING 10 TONNES PER DAY INVOLVING BLENDING OR MIXING PRIOR TO SUBMISSION TO ANY OF THE OTHER ACTIVITIES LISTED IN THIS SECTION OR IN SECTION 5.1 Primary Activity: N Activity Code: 5.4 A(1) (a) (ii) Activity Description: DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING PHYSICO-CHEMICAL TREATMENT Primary Activity: N 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 Activity Code: 3.5 B f) Activity Description: Other Mineral Activities; Loading, Unloading, or Storing Pulverised Fuel Ash in Bulk Prior to Further Transportation in Bulk Primary Activity: N</p>	A14NE (N)	136	2	481280 379180

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	<p>Integrated Pollution Prevention And Control</p> <p>Name: Edf Energy (Cottam Power) Ltd Location: Cottam Power Station Epr/Sp3535lt, Cottam Power Station, Cottam,, Retford, Nottinghamshire, DN22 0EU Authority: Environment Agency, Midlands Region Permit Reference: PP3434AE Original Permit Ref: Sp3535lt Effective Date: 1st January 2016 Status: Superseded By Variation Application Type: Variation App. Sub Type: Standard Positional Accuracy: Located by supplier to within 10m Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N Activity Code: 3.5 B f) Activity Description: Other Mineral Activities; Loading, Unloading, or Storing Pulverised Fuel Ash in Bulk Prior to Further Transportation in Bulk Primary Activity: N Activity Code: 4.2 A(1) (A) (IV) Activity Description: Inorganic Chemicals; Salts Eg Ammonium Chloride Primary Activity: N Activity Code: 5.4 A(1) (a) (ii) Activity Description: DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING PHYSICO-CHEMICAL TREATMENT Primary Activity: N Activity Code: 1.1 A(1) (A) Activity Description: Combustion; Any Fuel Greater Or Equal To 50Mw Primary Activity: Y</p>	A14NE (N)	136	2	481280 379180
8	<p>Integrated Pollution Prevention And Control</p> <p>Name: Edf Energy (Cottam Power) Ltd Location: Cottam Power Station Epr/Sp3535lt, Cottam Power Station, Cottam,, Retford, Nottinghamshire, DN22 0EU Authority: Environment Agency, Midlands Region Permit Reference: HP3436WT Original Permit Ref: Sp3535lt Effective Date: 16th March 2015 Status: Superseded By Variation Application Type: Variation App. Sub Type: Simple Standard Variation Positional Accuracy: Located by supplier to within 10m Activity Code: 5.4 A(1) (a) (ii) Activity Description: DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING PHYSICO-CHEMICAL TREATMENT Primary Activity: N 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 Activity Code: 4.2 A(1) (A) (IV) Activity Description: Inorganic Chemicals; Salts Eg Ammonium Chloride Primary Activity: N Activity Code: 3.5 B f) Activity Description: Other Mineral Activities; Loading, Unloading, or Storing Pulverised Fuel Ash in Bulk Prior to Further Transportation in Bulk Primary Activity: N</p>	A14NE (N)	136	2	481280 379180
8	<p>Integrated Pollution Prevention And Control</p> <p>Name: Edf Energy (Cottam Power) Ltd Location: Cottam Ash Processing Plant Epr/Fp3532eg, Cottam Power Station, Outgang Lane,,Retford, Nottingham, Nottinghamshire, DN22 0EU Authority: Environment Agency, Midlands Region Permit Reference: FP3532EG Original Permit Ref: Fp3532eg Effective Date: 8th October 2014 Status: Superseded By Variation Application Type: Application App. Sub Type: New Positional Accuracy: Located by supplier to within 10m Activity Code: 5.4 A(1) b) (iii) Activity Description: RECOVERY OR A MIX OF RECOVERY AND DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING TREATMENT OF SLAGS AND ASHES Primary Activity: Y</p>	A14NE (N)	136	2	481280 379180

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	<p>Integrated Pollution Prevention And Control</p> <p>Name: Edf Energy (Cottam Power) Ltd Location: Cottam Power Station Epr/Sp3535lt, Cottam Power Station, Cottam,, Retford, Nottinghamshire, DN22 0EU Authority: Environment Agency, Midlands Region Permit Reference: BP3335WQ Original Permit Ref: Sp3535lt Effective Date: 1st October 2014 Status: Superseded By Variation Application Type: Variation App. Sub Type: Minor Positional Accuracy: Located by supplier to within 10m Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N Activity Code: 5.4 A(1) (a) (ii) Activity Description: DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING PHYSICO-CHEMICAL TREATMENT Primary Activity: N Activity Code: 4.2 A(1) (A) (IV) Activity Description: Inorganic Chemicals; Salts Eg Ammonium Chloride Primary Activity: N Activity Code: 3.5 B f) Activity Description: Other Mineral Activities; Loading, Unloading, or Storing Pulverised Fuel Ash in Bulk Prior to Further Transportation in Bulk Primary Activity: N Activity Code: 1.1 A(1) (A) Activity Description: Combustion; Any Fuel Greater Or Equal To 50Mw Primary Activity: Y</p>	A14NE (N)	136	2	481280 379180
8	<p>Integrated Pollution Prevention And Control</p> <p>Name: Edf Energy (Cottam Power) Ltd Location: Cottam Power Station Epr/Sp3535lt, Cottam Power Station, Cottam,, Retford, Nottinghamshire, DN22 0EU Authority: Environment Agency, Midlands Region Permit Reference: SP3130YM Original Permit Ref: Sp3535lt Effective Date: 7th March 2017 Status: Superseded By Variation Application Type: Variation App. Sub Type: Simple Standard Variation Positional Accuracy: Automatically positioned to the address Activity Code: 1.1 A(1) (A) Activity Description: Combustion; Any Fuel Greater Or Equal To 50Mw Primary Activity: Y Activity Code: 3.5 B f) Activity Description: Other Mineral Activities; Loading, Unloading, or Storing Pulverised Fuel Ash in Bulk Prior to Further Transportation in Bulk Primary Activity: N Activity Code: 4.2 A(1) (A) (IV) Activity Description: Inorganic Chemicals; Salts Eg Ammonium Chloride Primary Activity: N Activity Code: 5.4 A(1) (a) (ii) Activity Description: DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING PHYSICO-CHEMICAL TREATMENT Primary Activity: N Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N</p>	A14NE (N)	144	2	481298 379186
8	<p>Integrated Pollution Prevention And Control</p> <p>Name: Uniper Uk Limited Location: Cottam Cdc Power Station Epr/Np3033rd, Cottam Cdc Power Station, Outgang Lane,Cottam,, Retford, Nottinghamshire, DN22 0TF Authority: Environment Agency, Midlands Region Permit Reference: TP3930YY Original Permit Ref: Np3033rd Effective Date: 22nd February 2017 Status: Superseded By Variation Application Type: Variation App. Sub Type: Minor Positional Accuracy: Automatically positioned to the address Activity Code: 1.1 A(1) (A) Activity Description: Combustion; Any Fuel Greater Or Equal To 50Mw Primary Activity: Y</p>	A14NE (N)	144	2	481298 379186

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	<p>Integrated Pollution Prevention And Control</p> <p>Name: Edf Energy (Cottam Power) Ltd Location: Cottam Ash Disposal Site, Cottam Power Station, Outgang Lane, Cottam,, Retford, Nottinghamshire, DN22 0EU Authority: Environment Agency, Midlands Region Permit Reference: NP3233YG Original Permit Ref: Up3932sd Effective Date: 9th January 2017 Status: Superseded By Variation Application Type: Variation App. Sub Type: Minor Positional Accuracy: Automatically positioned to the address Activity Code: 5.2 A(1) (A) Activity Description: Waste Landfilling; Greater Than 10 T/D With Capacity Greater Than 25,000T Excluding Inert Waste Primary Activity: N Activity Code: 5.4 A(1) b) (iii) Activity Description: RECOVERY OR A MIX OF RECOVERY AND DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING TREATMENT OF SLAGS AND ASHES Primary Activity: Y</p>	A14NE (N)	144	2	481298 379186
8	<p>Integrated Pollution Prevention And Control</p> <p>Name: Edf Energy (Cottam Power) Ltd Location: Cottam Ash Processing Plant Epr/Fp3532eg, Cottam Power Station, Outgang Lane, Retford, Nottingham, Nottinghamshire, DN22 0EU Authority: Environment Agency, Midlands Region Permit Reference: SP3133DZ Original Permit Ref: Fp3532eg Effective Date: 6th June 2016 Status: Surrender Effective Application Type: Surrender App. Sub Type: Whole Positional Accuracy: Automatically positioned to the address Activity Code: 5.4 A(1) b) (iii) Activity Description: RECOVERY OR A MIX OF RECOVERY AND DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING TREATMENT OF SLAGS AND ASHES Primary Activity: Y</p>	A14NE (N)	144	2	481298 379186
8	<p>Integrated Pollution Prevention And Control</p> <p>Name: Edf Energy (Cottam Power) Ltd Location: Cottam Ash Disposal Epr/Up3932sd, Cottam Power Station, Outgang Lane, Cottam,, Retford, Nottinghamshire, DN22 0EU Authority: Environment Agency, Midlands Region Permit Reference: ZP3436WL Original Permit Ref: Up3932sd Effective Date: 22nd January 2016 Status: Superseded By Variation Application Type: Variation App. Sub Type: Standard Positional Accuracy: Automatically positioned to the address Activity Code: 5.4 A(1) b) (iii) Activity Description: RECOVERY OR A MIX OF RECOVERY AND DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING TREATMENT OF SLAGS AND ASHES Primary Activity: N Activity Code: 5.2 A(1) (A) Activity Description: Waste Landfilling; Greater Than 10 T/D With Capacity Greater Than 25,000T Excluding Inert Waste Primary Activity: Y</p>	A14NE (N)	144	2	481298 379186
8	<p>Integrated Pollution Prevention And Control</p> <p>Name: Uniper Uk Limited Location: Cottam Development Centre, Cottam, Retford, DN22 0TF Authority: Environment Agency, Midlands Region Permit Reference: DP3338RS Original Permit Ref: Np3033rd Effective Date: 1st January 2016 Status: Superseded By Variation Application Type: Variation App. Sub Type: Standard Positional Accuracy: Automatically positioned to the address Activity Code: 1.1 A(1) (A) Activity Description: Combustion; Any Fuel Greater Or Equal To 50Mw Primary Activity: Y</p>	A14NE (N)	144	2	481298 379186

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	<p>Integrated Pollution Prevention And Control</p> <p>Name: Edf Energy (Cottam Power) Ltd Location: Cottam Power Station Epr/Sp3535lt, Cottam Power Station, Cottam,, Retford, Nottinghamshire, DN22 0EU Authority: Environment Agency, Midlands Region Permit Reference: SP3535LT Original Permit Ref: Sp3535lt Effective Date: 30th October 2007 Status: Superseded By Variation Application Type: Application App. Sub Type: New Positional Accuracy: Manually positioned within the geographical locality Activity Code: 1.1 A(1) (A) Activity Description: Combustion; Any Fuel Greater Or Equal To 50Mw Primary Activity: Y Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N Activity Code: 5.4 A(1) (C) (I) Activity Description: Recovery Of Waste; Hazardous Waste Greater Than 10T/D By Use As A Fuel Primary Activity: N Activity Code: 4.2 A(1) (A) (IV) Activity Description: Inorganic Chemicals; Salts Eg Ammonium Chloride Primary Activity: N Activity Code: 3.5 B f) Activity Description: Other Mineral Activities; Loading, Unloading, or Storing Pulverised Fuel Ash in Bulk Prior to Further Transportation in Bulk Primary Activity: N</p>	A14NE (N)	145	2	481288 379188
8	<p>Integrated Pollution Prevention And Control</p> <p>Name: Edf Energy (Cottam Power) Ltd Location: Cottam Power Station Epr/Sp3535lt, Cottam Power Station, Cottam,, Retford, Nottinghamshire, DN22 0EU Authority: Environment Agency, Midlands Region Permit Reference: HP3534EZ Original Permit Ref: Sp3535lt Effective Date: 13th December 2013 Status: Superseded By Variation Application Type: Variation App. Sub Type: Minor Positional Accuracy: Automatically positioned to the address Activity Code: 5.4 A(1) (a) (ii) Activity Description: DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING PHYSICO-CHEMICAL TREATMENT Primary Activity: N Activity Code: 4.2 A(1) (A) (IV) Activity Description: Inorganic Chemicals; Salts Eg Ammonium Chloride Primary Activity: N Activity Code: 3.5 B f) Activity Description: Other Mineral Activities; Loading, Unloading, or Storing Pulverised Fuel Ash in Bulk Prior to Further Transportation in Bulk Primary Activity: N Activity Code: 1.1 A(1) (A) Activity Description: Combustion; Any Fuel Greater Or Equal To 50Mw Primary Activity: Y Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N</p>	A14NE (N)	146	2	481288 379189

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	<p>Integrated Pollution Prevention And Control</p> <p>Name: Edf Energy (Cottam Power) Ltd Location: Cottam Power Station Epr/Sp3535lt, Cottam Power Station, Cottam,, Retford, Nottinghamshire, DN22 0EU Authority: Environment Agency, Midlands Region Permit Reference: CP3132ZW Original Permit Ref: Sp3535lt Effective Date: 11th March 2013 Status: Superseded By Variation Application Type: Variation App. Sub Type: Minor Positional Accuracy: Automatically positioned to the address Activity Code: 5.4 A(1) (C) (I) Activity Description: Recovery Of Waste; Hazardous Waste Greater Than 10T/D By Use As A Fuel Primary Activity: N Activity Code: 3.5 B f) Activity Description: Other Mineral Activities; Loading, Unloading, or Storing Pulverised Fuel Ash in Bulk Prior to Further Transportation in Bulk Primary Activity: N Activity Code: 4.2 A(1) (A) (IV) Activity Description: Inorganic Chemicals; Salts Eg Ammonium Chloride Primary Activity: N 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>	A14NE (N)	146	2	481288 379189
8	<p>Integrated Pollution Prevention And Control</p> <p>Name: Edf Energy (Cottam Power) Ltd Location: Cottam Ash Disposal Epr/Up3932sd, Cottam Power Station, Outgang Lane,Cottam,, Retford, Nottinghamshire, DN22 0EU Authority: Environment Agency, Midlands Region Permit Reference: RP3239CB Original Permit Ref: Up3932sd Effective Date: 21st June 2012 Status: Superseded By Variation Application Type: Variation App. Sub Type: Standard Positional Accuracy: Automatically positioned to the address Activity Code: 5.2 A(1) (A) Activity Description: Waste Landfilling; Greater Than 10 T/D With Capacity Greater Than 25,000T Excluding Inert Waste Primary Activity: Y</p>	A14NE (N)	146	2	481288 379189
8	<p>Integrated Pollution Prevention And Control</p> <p>Name: Edf Energy (Cottam Power) Ltd Location: Cottam Power Station Epr/Sp3535lt, Cottam Power Station, Cottam,, Retford, Nottinghamshire, DN22 0EU Authority: Environment Agency, Midlands Region Permit Reference: FP3532HH Original Permit Ref: Sp3535lt Effective Date: 27th January 2011 Status: Superseded By Variation Application Type: Variation App. Sub Type: Simple Standard Variation Positional Accuracy: Automatically positioned to the address 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 Activity Code: 4.2 A(1) (A) (IV) Activity Description: Inorganic Chemicals; Salts Eg Ammonium Chloride Primary Activity: N Activity Code: 3.5 B f) Activity Description: Other Mineral Activities; Loading, Unloading, or Storing Pulverised Fuel Ash in Bulk Prior to Further Transportation in Bulk Primary Activity: N Activity Code: 5.4 A(1) (C) (I) Activity Description: Recovery Of Waste; Hazardous Waste Greater Than 10T/D By Use As A Fuel Primary Activity: N</p>	A14NE (N)	146	2	481288 379189

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	<p>Integrated Pollution Prevention And Control</p> <p>Name: Edf Energy (Cottam Power) Ltd Location: Cottam Power Station Epr/Sp3535lt, Cottam Power Station, Cottam,, Retford, Nottinghamshire, DN22 0EU Authority: Environment Agency, Midlands Region Permit Reference: HP3036TJ Original Permit Ref: Sp3535lt Effective Date: 22nd December 2010 Status: Superseded By Variation Application Type: Variation App. Sub Type: Simple Standard Variation Positional Accuracy: Automatically positioned to the address Activity Code: 3.5 B f) Activity Description: Other Mineral Activities; Loading, Unloading, or Storing Pulverised Fuel Ash in Bulk Prior to Further Transportation in Bulk Primary Activity: N Activity Code: 1.1 A(1) (A) Activity Description: Combustion; Any Fuel Greater Or Equal To 50Mw Primary Activity: Y Activity Code: 4.2 A(1) (A) (IV) Activity Description: Inorganic Chemicals; Salts Eg Ammonium Chloride Primary Activity: N Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N Activity Code: 5.4 A(1) (C) (I) Activity Description: Recovery Of Waste; Hazardous Waste Greater Than 10T/D By Use As A Fuel Primary Activity: N</p>	A14NE (N)	146	2	481288 379189
8	<p>Integrated Pollution Prevention And Control</p> <p>Name: Edf Energy (Cottam Power) Ltd Location: Cottam Power Station Epr/Sp3535lt, Cottam Power Station, Cottam,, Retford, Nottinghamshire, DN22 0EU Authority: Environment Agency, Midlands Region Permit Reference: QP3030TR Original Permit Ref: Sp3535lt Effective Date: 8th December 2010 Status: Superseded By Variation Application Type: Variation App. Sub Type: Simple Standard Variation Positional Accuracy: Automatically positioned to the address Activity Code: 3.5 B f) Activity Description: Other Mineral Activities; Loading, Unloading, or Storing Pulverised Fuel Ash in Bulk Prior to Further Transportation in Bulk Primary Activity: N 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 Activity Code: 5.4 A(1) (C) (I) Activity Description: Recovery Of Waste; Hazardous Waste Greater Than 10T/D By Use As A Fuel Primary Activity: N Activity Code: 4.2 A(1) (A) (IV) Activity Description: Inorganic Chemicals; Salts Eg Ammonium Chloride Primary Activity: N</p>	A14NE (N)	146	2	481288 379189

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	<p>Integrated Pollution Prevention And Control</p> <p>Name: Edf Energy (Cottam Power) Ltd Location: Cottam Power Station Epr/Sp3535lt, Cottam Power Station, Cottam,, Retford, Nottinghamshire, DN22 0EU Authority: Environment Agency, Midlands Region Permit Reference: MP3730GV Original Permit Ref: Sp3535lt Effective Date: 1st March 2009 Status: Superseded By Variation Application Type: Variation App. Sub Type: Standard Positional Accuracy: Automatically positioned to the address Activity Code: 1.1 A(1) (A) Activity Description: Combustion; Any Fuel Greater Or Equal To 50Mw Primary Activity: Y Activity Code: 3.5 B f) Activity Description: Other Mineral Activities; Loading, Unloading, or Storing Pulverised Fuel Ash in Bulk Prior to Further Transportation in Bulk Primary Activity: N Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N Activity Code: 4.2 A(1) (A) (IV) Activity Description: Inorganic Chemicals; Salts Eg Ammonium Chloride Primary Activity: N Activity Code: 5.4 A(1) (C) (I) Activity Description: Recovery Of Waste; Hazardous Waste Greater Than 10T/D By Use As A Fuel Primary Activity: N</p>	A14NE (N)	146	2	481288 379189
9	<p>Integrated Pollution Prevention And Control</p> <p>Name: Edf Energy (Thermal Generation) Limited Location: Cottam Ash Disposal Site - Epr/Np3635jm, Cottam Power Station, Outgang Lane,Cottam,, Retford, Nottinghamshire, DN22 0EU Authority: Environment Agency, Midlands Region Permit Reference: DP3934JJ Original Permit Ref: Np3635jm Effective Date: 16th January 2018 Status: Effective Application Type: Variation App. Sub Type: Minor Positional Accuracy: Located by supplier to within 100m Activity Code: 5.2 A(1) (A) Activity Description: Waste Landfilling; Greater Than 10 T/D With Capacity Greater Than 25,000T Excluding Inert Waste Primary Activity: N Activity Code: 5.4 A(1) b) (iii) Activity Description: RECOVERY OR A MIX OF RECOVERY AND DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING TREATMENT OF SLAGS AND ASHES Primary Activity: Y</p>	A14NE (N)	198	2	481300 379340
9	<p>Integrated Pollution Prevention And Control</p> <p>Name: Edf Energy (West Burton Power) Ltd Location: Cottam Ash Disposal Site, Cottam Power Station, Outgang Lane,Cottam,, Retford, Nottinghamshire, DN22 0EU Authority: Environment Agency, Midlands Region Permit Reference: NP3635JM Original Permit Ref: Np3635jm Effective Date: 28th December 2017 Status: Superseded By Variation Application Type: Transfer App. Sub Type: Whole limited change in management Positional Accuracy: Located by supplier to within 100m Activity Code: 5.4 A(1) b) (iii) Activity Description: RECOVERY OR A MIX OF RECOVERY AND DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING TREATMENT OF SLAGS AND ASHES Primary Activity: Y Activity Code: 5.2 A(1) (A) Activity Description: Waste Landfilling; Greater Than 10 T/D With Capacity Greater Than 25,000T Excluding Inert Waste Primary Activity: N</p>	A14NE (N)	198	2	481300 379340

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	<p>Integrated Pollution Prevention And Control</p> <p>Name: Edf Energy (Cottam Power) Ltd Location: Rampton R2 Lagoon, Cottam Power Station, Po Box 4,, RETFORD, Nottinghamshire, DN22 0ET Authority: Environment Agency, Midlands Region Permit Reference: NP3034DK Original Permit Ref: Bs5835il Effective Date: 22nd March 2017 Status: Surrender Effective Application Type: Surrender App. Sub Type: Whole Positional Accuracy: Located by supplier to within 100m Activity Code: 5.2 A(1) (A) Activity Description: Waste Landfilling; Greater Than 10 T/D With Capacity Greater Than 25,000T Excluding Inert Waste Primary Activity: Y</p>	A14NE (N)	198	2	481300 379340
9	<p>Integrated Pollution Prevention And Control</p> <p>Name: Edf Energy (Cottam Power) Ltd Location: Cottam Ash Disposal Epr/Up3932sd, Cottam Power Station, Po Box 4,, RETFORD, Nottinghamshire, DN22 0ET Authority: Environment Agency, Midlands Region Permit Reference: Up3932sd Original Permit Ref: Up3932sd Effective Date: 2nd April 2007 Status: Superseded By Variation Application Type: Application App. Sub Type: New Positional Accuracy: Located by supplier to within 100m Activity Code: 5.2 A(1) (A) Activity Description: Waste Landfilling; Greater Than 10 T/D With Capacity Greater Than 25,000T Excluding Inert Waste Primary Activity: Y</p>	A14NE (N)	198	2	481300 379340
	<p>Nearest Surface Water Feature</p>	A14SW (NW)	0	-	480914 379138
10	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Aggregate (Sand/Gravel) Location: Powergen Flyash Outfall, Near Redland Quarry, RAMPTON Authority: Environment Agency, Midlands Region Pollutant: Miscellaneous - Inert Suspended Solids Note: Other Adverse Effects Incident Date: 16th April 1996 Incident Reference: Not Supplied Catchment Area: Trent Catchment : Trent To Confluence With Idle Receiving Water: Watercourse Cause of Incident: Poor Operational Practice Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A12NW (E)	0	2	482300 378700
10	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Aggregate (Sand/Gravel) Location: Powergen Flyash Outfall, Near Redland Quarry, RAMPTON Authority: Environment Agency, Midlands Region Pollutant: Miscellaneous - Inert Suspended Solids Note: Other Adverse Effects; Flyash Disch To Watercourse Incident Date: 16th April 1996 Incident Reference: 2800502 Catchment Area: Trent Catchment : Trent To Confluence With Idle Receiving Water: Watercourse Cause of Incident: Poor Operational Practice Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A12NW (E)	0	2	482300 378695
	<p>River Quality</p> <p>Name: Seymour Drain GQA Grade: River Quality C Reach: Rampton Stw To Conf. With R. Trent Estimated Distance (km): 6 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000</p>	A14NE (N)	0	2	481408 379338

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	River Quality Name: Trent R GQA Grade: River Quality B Reach: Dunham Toll Bridge To A631 Gainsborough Estimated Distance (km): 22 Flow Rate: Flow greater than 80 cumecs Flow Type: River Year: 2000	A12NW (E)	0	2	482367 378581
11	Water Abstractions Operator: Edf Energy (Thermal Generation) Limited Licence Number: 03/28/69/0069 Permit Version: 105 Location: Cottam Power Station - River Trent Authority: Environment Agency, Midlands Region Abstraction: Production of Energy: Boiler Feed Abstraction Type: Water may be abstracted from a single point Source: Tidal Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 15th January 2018 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A12NW (E)	0	2	482424 378770
11	Water Abstractions Operator: Edf Energy (Thermal Generation) Limited Licence Number: 03/28/69/0069 Permit Version: 105 Location: Cottam Power Station - River Trent Authority: Environment Agency, Midlands Region Abstraction: Production of Energy: Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Tidal Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 15th January 2018 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A12NW (E)	0	2	482424 378770
11	Water Abstractions Operator: Edf Energy (Thermal Generation) Limited Licence Number: 03/28/69/0069 Permit Version: 105 Location: Cottam Power Station - River Trent Authority: Environment Agency, Midlands Region Abstraction: Production Of Energy: Non-Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Tidal Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 15th January 2018 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A12NW (E)	0	2	482424 378770
11	Water Abstractions Operator: Edf Energy (West Burton Power) Ltd Licence Number: 03/28/69/0069 Permit Version: 104 Location: Cottam Power Station - River Trent Authority: Environment Agency, Midlands Region Abstraction: Production of Energy: Boiler Feed Abstraction Type: Water may be abstracted from a single point Source: Tidal Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 22nd December 2017 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A12NW (E)	0	2	482424 378770

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	<p>Water Abstractions</p> <p>Operator: Edf Energy (West Burton Power) Ltd Licence Number: 03/28/69/0069 Permit Version: 104 Location: Cottam Power Station - River Trent Authority: Environment Agency, Midlands Region Abstraction: Production of Energy: Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Tidal Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 22nd December 2017 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A12NW (E)	0	2	482424 378770
11	<p>Water Abstractions</p> <p>Operator: Edf Energy (West Burton Power) Ltd Licence Number: 03/28/69/0069 Permit Version: 104 Location: Cottam Power Station - River Trent Authority: Environment Agency, Midlands Region Abstraction: Production Of Energy: Non-Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Tidal Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 22nd December 2017 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A12NW (E)	0	2	482424 378770
11	<p>Water Abstractions</p> <p>Operator: Edf Energy (Cottam Power) Limited Licence Number: 03/28/69/0069 Permit Version: 103 Location: Cottam Power Station - River Trent Authority: Environment Agency, Midlands Region Abstraction: Production of Energy: Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Tidal Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 14th July 2010 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A12NW (E)	0	2	482424 378770
11	<p>Water Abstractions</p> <p>Operator: Edf Energy (Cottam Power) Limited Licence Number: 03/28/69/0069 Permit Version: 103 Location: Cottam Power Station - River Trent Authority: Environment Agency, Midlands Region Abstraction: Production Of Energy: Non-Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Tidal Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 14th July 2010 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A12NW (E)	0	2	482424 378770

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	<p>Water Abstractions</p> <p>Operator: Edf Energy (Cottam Power) Limited Licence Number: 03/28/69/0069 Permit Version: 103 Location: Cottam Power Station - River Trent Authority: Environment Agency, Midlands Region Abstraction: Production of Energy: Boiler Feed Abstraction Type: Water may be abstracted from a single point Source: Tidal Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 14th July 2010 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A12NW (E)	0	2	482424 378770
11	<p>Water Abstractions</p> <p>Operator: Edf Energy (Cottam Power) Limited Licence Number: 03/28/69/0069 Permit Version: 102 Location: Cottam Power Station - River Trent Authority: Environment Agency, Midlands Region Abstraction: Production of Energy: Process water Abstraction Type: Water may be abstracted from a single point Source: Tidal Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Cottam Power Station - River Trent Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 30th June 2003 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A12NW (E)	0	2	482400 378800
11	<p>Water Abstractions</p> <p>Operator: Cottam Power Limited Licence Number: 03/28/69/0069 Permit Version: 101 Location: Cottam Power Station - River Trent Authority: Environment Agency, Midlands Region Abstraction: Production of Energy: Process water Abstraction Type: Water may be abstracted from a single point Source: Tidal Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Cottam Power Station - River Trent Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st January 2001 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A12NW (E)	0	2	482400 378800
11	<p>Water Abstractions</p> <p>Operator: Powergen Licence Number: 03/28/69/0069 Permit Version: 100 Location: Cottam Power Station - River Trent Authority: Environment Agency, Midlands Region Abstraction: Production of Energy: Process water Abstraction Type: Water may be abstracted from a single point Source: Tidal Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Cottam Power Station - River Trent Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 17th July 1981 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A12NW (E)	0	2	482400 378800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
12	<p>Water Abstractions</p> <p>Operator: Lafarge Aggregates Limited Licence Number: 03/28/69/0244/1 Permit Version: 101 Location: Rampton Quarry - River Trent (Tidal) Authority: Environment Agency, Midlands Region Abstraction: Extractive: Mineral Washing Abstraction Type: Water may be abstracted from a single point Source: Tidal Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Rampton Quarry - River Trent Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 30th November 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A12NW (E)	0	2	482380 378680
12	<p>Water Abstractions</p> <p>Operator: Lafarge Aggregates Limited Licence Number: 03/28/69/0244/1 Permit Version: 100 Location: Rampton Quarry - River Trent (Tidal) Authority: Environment Agency, Midlands Region Abstraction: Extractive: Mineral Washing Abstraction Type: Water may be abstracted from a single point Source: Tidal Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Rampton Quarry - River Trent Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 10th January 2003 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A12NW (E)	0	2	482380 378680
12	<p>Water Abstractions</p> <p>Operator: Lafarge Redland Aggregates Limited Licence Number: 03/28/69/0244 Permit Version: 100 Location: Rampton Quarry - River Trent Authority: Environment Agency, Midlands Region Abstraction: Extractive: Mineral Washing Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Rampton Quarry - River Trent Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 29th February 1996 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A12NW (E)	0	2	482380 378680
13	<p>Water Abstractions</p> <p>Operator: Tarmac Aggregates Limited Licence Number: 03/28/69/0242 Permit Version: 104 Location: Rampton Quarry - Lagoon Authority: Environment Agency, Midlands Region Abstraction: Extractive: Mineral Washing Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Rampton Quarry - Lagoon Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 26th October 2015 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A12NW (E)	55	2	482220 378590

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
13	<p>Water Abstractions</p> <p>Operator: Lafarge Aggregates Limited Licence Number: 03/28/69/0242 Permit Version: 103 Location: Rampton Quarry - Lagoon Authority: Environment Agency, Midlands Region Abstraction: Extractive: Mineral Washing Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Rampton Quarry - Lagoon Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 26th September 2013 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A12NW (E)	55	2	482220 378590
13	<p>Water Abstractions</p> <p>Operator: Lafarge Aggregates Limited Licence Number: 03/28/69/0242 Permit Version: 102 Location: Rampton Quarry - Lagoon Authority: Environment Agency, Midlands Region Abstraction: Extractive: Mineral Washing Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Rampton Quarry - Lagoon Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 30th November 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A12NW (E)	55	2	482220 378590
13	<p>Water Abstractions</p> <p>Operator: Lafarge Aggregates Limited Licence Number: 03/28/69/0242 Permit Version: 101 Location: Rampton Quarry - Lagoon Authority: Environment Agency, Midlands Region Abstraction: Extractive: Mineral Washing Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Rampton Quarry - Lagoon Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 26th November 2003 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A12NW (E)	55	2	482220 378590
13	<p>Water Abstractions</p> <p>Operator: Lafarge Redland Aggregates Limited Licence Number: 03/28/69/0242 Permit Version: 100 Location: Rampton Quarry - Lagoon Authority: Environment Agency, Midlands Region Abstraction: Extractive: Mineral Washing Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Rampton Quarry - Lagoon Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 31st January 1996 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A12NW (E)	55	2	482220 378590

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
14	<p>Water Abstractions</p> <p>Operator: Powergen Licence Number: 03/28/69/02271 Permit Version: Not Supplied Location: Cottam Power Station Authority: Environment Agency, Midlands Region Abstraction: Industrial Processing (Miscellaneous) Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 4800 Yearly Rate (m3): 1460000 Details: Not Supplied Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A15NW (N)	226	2	481480 379175
14	<p>Water Abstractions</p> <p>Operator: Edf Energy (Cottam Power) Limited Licence Number: 03/28/69/0294/1 Permit Version: 1 Location: Cottam Power Station - Borehole Authority: Environment Agency, Midlands Region Abstraction: Production of Energy: Boiler Feed Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Cottam Power Station Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A15NW (N)	229	2	481480 379180
14	<p>Water Abstractions</p> <p>Operator: Edf Energy (Cottam Power) Limited Licence Number: 03/28/69/0294 Permit Version: 2 Location: Cottam Power Station - Borehole Authority: Environment Agency, Midlands Region Abstraction: Production of Energy: Boiler Feed Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Cottam Power Station Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 30th June 2003 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A15NW (N)	229	2	481480 379180
14	<p>Water Abstractions</p> <p>Operator: Cottam Power Limited Licence Number: 03/28/69/0294 Permit Version: 1 Location: Cottam Power Station - Borehole Authority: Environment Agency, Midlands Region Abstraction: Production of Energy: Boiler Feed Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Cottam Power Station Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 19th April 2001 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A15NW (N)	229	2	481480 379180

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
14	<p>Water Abstractions</p> <p>Operator: Powergen Licence Number: 03/28/69/0167 Permit Version: Not Supplied Location: Cottam Power Station Authority: Environment Agency, Midlands Region Abstraction: Industrial Processing (Miscellaneous) Abstraction Type: Not Supplied Source: Borehole Daily Rate (m3): 4500 Yearly Rate (m3): 823500 Details: Status: Revoked; Lapsed Or Cancelled Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A15NW (N)	229	2	481480 379180
14	<p>Water Abstractions</p> <p>Operator: Edf Energy (Cottam Power) Limited Licence Number: 03/28/69/0294/1/R01 Permit Version: 1 Location: Cottam Power Station - Borehole Authority: Environment Agency, Midlands Region Abstraction: Production of Energy: Boiler Feed Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Cottam Power Station Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2015 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A15NW (N)	238	2	481487 379186
	<p>Groundwater Vulnerability Map</p> <p>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: >90% Patchiness: Superficial 3-10m Thickness: Superficial High Recharge:</p>	(NE)	0	3	483000 380000
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial: <90% Patchiness: Superficial <3m Thickness: Superficial High Recharge:</p>	A10NW (W)	0	3	481000 378781

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Groundwater Vulnerability Map</p> <p>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: <3m Superficial Recharge: High</p>	A10NE (E)	0	3	481345 378781
	<p>Groundwater Vulnerability Map</p> <p>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: Medium</p>	A11NE (E)	0	3	482000 378781
	<p>Groundwater Vulnerability Map</p> <p>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: <3m Superficial Recharge: High</p>	A14SW (NW)	0	3	481000 379000
	<p>Groundwater Vulnerability Map</p> <p>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: 3-10m Superficial Recharge: High</p>	A14SE (N)	0	3	481345 379000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: >10m</p> <p>Superficial Recharge: Medium</p>	A15SE (E)	0	3	482000 379000
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: 3-10m</p> <p>Superficial Recharge: High</p>	(N)	0	3	481000 380000
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: 3-10m</p> <p>Superficial Recharge: High</p>	(N)	0	3	481345 380000
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: 3-10m</p> <p>Superficial Recharge: Medium</p>	(NE)	0	3	482000 380000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: 3-10m</p> <p>Superficial Recharge: High</p>	(E)	0	3	483000 379000
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: 3-10m</p> <p>Superficial Recharge: Medium</p>	(E)	0	3	483000 378781
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer</p> <p>Pollutant Speed: Low</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: <90%</p> <p>Superficial Thickness: <3m</p> <p>Superficial Recharge: High</p>	A10SW (SW)	0	3	481000 378396
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: <90%</p> <p>Superficial Thickness: <3m</p> <p>Superficial Recharge: High</p>	A10SE (SW)	0	3	481149 378415

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: >90% Superficial Thickness: 3-10m Superficial Recharge: High	(NE)	0	3	483344 380038
	Groundwater Vulnerability - Soluble Rock Risk None				
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B	A10NE (E)	0	3	481345 378781
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B	(N)	0	3	481345 380000
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A10NE (E)	0	3	481345 378781
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	(N)	0	3	481345 380000
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A10NE (S)	0	2	481345 378718
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models and Fluvial Events Boundary Accuracy: As Supplied	A12NW (E)	0	2	482293 378582
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A14SW (NW)	0	2	481055 379018
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A10NE (SE)	0	2	481380 378718
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences Type: Flood Defences Reference: Not Supplied	A16SE (E)	0	2	482601 378879
	Flood Defences Type: Flood Defences Reference: Not Supplied	A12NW (E)	0	2	482299 378621
15	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 366.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A10NW (SW)	0	4	481112 378645

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
16	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 373.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A11NW (E)	0	4	481642 378696
17	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 238.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A9NE (W)	0	4	480658 378603
18	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 455.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A10NW (SW)	0	4	481112 378645
19	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 256.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A10NE (S)	0	4	481355 378670
20	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 985.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A10NE (S)	0	4	481354 378692
21	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A10NE (S)	0	4	481367 378671
22	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 268.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A10NE (S)	0	4	481374 378672
23	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 21.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A11NW (E)	0	4	481645 378718
24	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 598.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Seymour Drain Catchment Name: Trent Primacy: 1	A11NW (E)	0	4	481648 378745

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
25	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 240.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A10NE (W)	0	4	481189 378775
26	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 456.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A13NE (NW)	0	4	480764 379161
27	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 151.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A14SW (NW)	0	4	480943 378993
28	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 95.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A14SW (NW)	0	4	481037 378997
29	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 27.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A14SW (NW)	0	4	481065 379001
30	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 101.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A14SE (NW)	0	4	481165 379010
31	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A14SE (NW)	0	4	481170 379010
32	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 164.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A14SW (NW)	0	4	480918 379137
33	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 271.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A14NW (NW)	0	4	480923 379143

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
34	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 760.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A14NW (NW)	0	4	480904 379421
35	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A14NW (NW)	0	4	480907 379414
36	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 752.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A9NE (W)	0	4	480658 378603
37	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A13NE (NW)	0	4	480764 379161
38	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A13NE (NW)	0	4	480764 379171
39	OS Water Network Lines Watercourse Form: Tidal river Watercourse Length: 1634.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Trent Catchment Name: Trent Primacy: 1	A12NW (E)	0	4	482420 378654
40	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 121.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A13SE (W)	23	4	480502 378806
41	OS Water Network Lines Watercourse Form: Tidal river Watercourse Length: 69.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A12NW (E)	28	4	482354 378632
42	OS Water Network Lines Watercourse Form: Tidal river Watercourse Length: 909.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Trent Catchment Name: Trent Primacy: 1	A12NW (E)	28	4	482407 378606

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
43	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 27.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A12NW (E)	37	4	482337 378612
44	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 150.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A11SW (S)	43	4	481473 378433
45	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 334.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A10SE (S)	84	4	481396 378282
46	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A9NW (W)	127	4	480420 378580
47	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 294.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A9NW (W)	130	4	480413 378574
48	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 204.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A12NE (E)	141	4	482601 378640
49	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 227.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A11SW (S)	175	4	481535 378296

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
50	<p>Historical Landfill Sites</p> <p>Licence Holder: Powergen Plc Location: Cottam, Retford Name: Cottam Power Station Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD22082 First Input Date: 31st December 1960 Last Input Date: Not Supplied Specified Waste: Deposited Waste included Industrial Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 3000/0066 BGS Ref: Not Supplied Other Ref: 1/77/45/87NW</p>	A16SW (E)	0	2	482469 379092
51	<p>Historical Landfill Sites</p> <p>Licence Holder: Powergen Plc Location: Rampton Quarry, Rampton Name: Rampton Quarry Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD30285 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Not Supplied Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: 1/96/461/87NW</p>	A16SW (E)	0	2	482187 378808
52	<p>Historical Landfill Sites</p> <p>Licence Holder: Powergen Plc Location: Cottam, Retford Name: Rampton Gravel Pit, Torksey Ferry Road Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD22085 First Input Date: 31st December 1993 Last Input Date: Not Supplied Specified Waste: Not Supplied Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 3000/0120 BGS Ref: Not Supplied Other Ref: 1/91/241/87NW, 1/96/461/87NW</p>	A11NE (E)	17	2	481999 378574
53	<p>Licensed Waste Management Facilities (Landfill Boundaries)</p> <p>Name: Cottam Ash Disposal Site Licence Number: 0 Location: Cottam Power Station, Outgang Lane, Cottam, Retford, Nottinghamshire, DN22 0EU Licence Holder: Edf Energy (Cottam Power) Ltd Authority: Environment Agency - Midlands Region, East Area Site Category: Waste Landfilling; >10 T/D with Capacity >25,000T Excluding Inert Waste Max Input Rate: Not Supplied Licence Status: Effective Issued: 22nd January 2016 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied</p>	A15SE (E)	0	2	481864 378986
54	<p>Licensed Waste Management Facilities (Landfill Boundaries)</p> <p>Name: Rampton R2 Lagoon Licence Number: 43565 Location: COTTAM POWER STATION, PO BOX 4, RETFORD, NOTTINGHAMSHIRE, DN22 0ET Licence Holder: Edf Energy (Cottam Power) Ltd Authority: Environment Agency - Midlands Region, East Area Site Category: Waste Landfilling; >10 T/D with Capacity >25,000T Excluding Inert Waste Max Input Rate: Not Supplied Licence Status: Effective Issued: 30th September 2004 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied</p>	A11NW (E)	0	2	481720 378709

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
55	<p>Licensed Waste Management Facilities (Landfill Boundaries)</p> <p>Name: Cottam Power Station Licence Number: 43565 Location: Cottam Power Station, P O Box 4, Retford, Nottinghamshire, DN22 0ET Licence Holder: Cottam Power Limited Authority: Environment Agency - Midlands Region, Lower Trent Area Site Category: Landfills Taking Non-biodegradeable Wastes (Not Construction) Max Input Rate: Not Supplied Licence Status: Inactive Issued: 20th December 2002 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied</p>	A15SE (E)	0	2	481864 378982
56	<p>Licensed Waste Management Facilities (Landfill Boundaries)</p> <p>Name: Cottam Power Station Licence Number: 43107 Location: Cottam Power Station, Retford, Nottinghamshire, DN22 0ET Licence Holder: Cottam Power Limited Authority: Environment Agency - Midlands Region, East Area Site Category: Lagoons Max Input Rate: Not Supplied Licence Status: IPPC Issued: 1st March 1996 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied</p>	A15SE (E)	0	2	481864 378985
57	<p>Licensed Waste Management Facilities (Locations)</p> <p>Licence Number: 104448 Location: Cottam Power Station, Outgang Lane, Cottam Village, Retford, Nottinghamshire, DN22 0EU Operator Name: E D F Energy (Cottam Power) Ltd Operator Location: Not Supplied Authority: Environment Agency - Midlands Region, East Area Site Category: Landfills Taking Non-biodegradeable Wastes (Not Construction) Licence Status: To PPC Issued: 21st June 2012 Last Modified: 22nd January 2016 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: ZP3436WL Positional Accuracy: Located by supplier to within 10m</p>	A16SW (E)	0	2	482450 378910
58	<p>Licensed Waste Management Facilities (Locations)</p> <p>Licence Number: 43148 Location: Torksey Ferry Road, Rampton, Nottingham, Nottinghamshire, DN22 0EY Operator Name: Cottam Power Limited Operator Location: Not Supplied Authority: Environment Agency - Midlands Region, East Area Site Category: Lagoons Licence Status: Surrendered Issued: 10th October 1996 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: 5th June 2015 Surrendered: 22nd February 2017 IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A11NE (E)	0	2	482084 378787
59	<p>Licensed Waste Management Facilities (Locations)</p> <p>Licence Number: 43144 Location: Cottam Power Station, Torksey Ferry Road, Cottam Village, Retford, Nottinghamshire, DN22 0EU Operator Name: E D F Energy (Cottam Power) Limited Operator Location: Not Supplied Authority: Environment Agency - Midlands Region, East Area Site Category: Lagoons Licence Status: Surrendered Issued: 28th January 1993 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 22nd February 2017 IPPC Reference: Not Supplied Positional Accuracy: Manually positioned to the road within the address or location</p>	A11NW (E)	0	2	481642 378711

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
60	<p>Licensed Waste Management Facilities (Locations)</p> <p>Licence Number: 43107 Location: P O Box 4, Retford, Nottinghamshire, DN22 0ET Operator Name: Cottam Power Limited Operator Location: Not Supplied Authority: Environment Agency - Midlands Region, East Area Site Category: Lagoons Licence Status: To PPC Issued: 1st March 1996 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: UP3932SD Positional Accuracy: Located by supplier to within 10m</p>	A14NW (N)	10	2	481078 379426
61	<p>Licensed Waste Management Facilities (Locations)</p> <p>Licence Number: 43108 Location: North Scarle Ash Lagoons, Off Wigsley Road, North Scarle, Lincoln, Lincolnshire, LN6 9HD Operator Name: Eon U K Plc Operator Location: Not Supplied Authority: Environment Agency - Midlands Region, East Area Site Category: Lagoons Licence Status: Surrendered Issued: 1st March 1996 Last Modified: 25th April 2000 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 30th September 2013 IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A14NE (N)	198	2	481300 379340
	<p>Local Authority Landfill Coverage</p> <p>Name: Bassetlaw District Council - Has no landfill data to supply</p>		0	5	481345 378781
	<p>Local Authority Landfill Coverage</p> <p>Name: West Lindsey District Council - Has no landfill data to supply</p>		0	8	482407 378598
	<p>Local Authority Landfill Coverage</p> <p>Name: Nottinghamshire County Council - Has no landfill data to supply</p>		0	6	481345 378781
	<p>Local Authority Landfill Coverage</p> <p>Name: Lincolnshire County Council - Had landfill data but passed it to the relevant environment agency</p>		0	7	482407 378598

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
62	<p>Control of Major Accident Hazards Sites (COMAH)</p> <p>Name: Edf Energy (Thermal Generation) Limited Location: Cottam Power Station, Po Box 4, Outage Lane, Retford, Nottinghamshire, ONP Reference: Not Supplied Type: Lower Tier Status: Active Positional Accuracy: Manually positioned to the address or location</p>	A14NE (N)	144	9	481298 379186
62	<p>Control of Major Accident Hazards Sites (COMAH)</p> <p>Name: Edf Energy (Cottam Power) Limited Location: PO Box 4, Retford, Nottinghamshire, DN22 0ET Reference: Not Supplied Type: Lower Tier Status: Active Positional Accuracy: Manually positioned to the address or location</p>	A14NE (N)	146	9	481288 379190
63	<p>Planning Hazardous Substance Consents</p> <p>Name: Edf Energy Ltd Location: Cottam Power Station, Retford Authority: Bassetlaw District Council, Environmental Health Department Application Ref: 12/05/00006 Hazardous: Toxic Substance: Maximum Quantity: 1.999 Application date: 14th November 2005 Decision: New application granted unconditionally Positional Accuracy: Manually positioned to the address or location</p>	A14NE (N)	150	10	481286 379212

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Triassic Rocks (Undifferentiated)	A10NE (E)	0	1	481345 378781
64	BGS Recorded Mineral Sites Site Name: Rampton Quarry Location: Rampton, Retford, Nottinghamshire Source: British Geological Survey, National Geoscience Information Service Reference: 173867 Type: Opencast Status: Ceased Operator: Lafarge Aggregates Ltd. Operator Location: Not Supplied Periodic Type: Flandrian Geology: Alluvium Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A11NE (E)	0	1	481936 378675
65	BGS Recorded Mineral Sites Site Name: Rampton Quarry Location: Rampton, Retford, Nottinghamshire Source: British Geological Survey, National Geoscience Information Service Reference: 173868 Type: Opencast Status: Ceased Operator: Lafarge Aggregates Ltd. Operator Location: Not Supplied Periodic Type: Flandrian Geology: Alluvium Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A12NW (E)	0	1	482133 378720
66	BGS Recorded Mineral Sites Site Name: Rampton Quarry Location: Rampton, Retford, Nottinghamshire Source: British Geological Survey, National Geoscience Information Service Reference: 3577 Type: Opencast Status: Ceased Operator: Lafarge Aggregates Ltd. Operator Location: Not Supplied Periodic Type: Quaternary Geology: River Trent Gravel Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A11NE (SE)	118	1	481830 378480
67	BGS Recorded Mineral Sites Site Name: Cottam Power Station Ash Plant Location: Cottam, Retford, Nottinghamshire Source: British Geological Survey, National Geoscience Information Service Reference: 192174 Type: Power Station Status: Ceased Operator: Power Minerals Ltd Operator Location: Not Supplied Periodic Type: Not Available Geology: ! Commodity: Pulverised Fuel Ash Positional Accuracy: Located by supplier to within 10m	A14NE (N)	168	1	481300 379230
67	BGS Recorded Mineral Sites Site Name: Cottam Power Station Ash Plant Location: Cottam, Retford, Nottinghamshire Source: British Geological Survey, National Geoscience Information Service Reference: 192174 Type: Power Station Status: Ceased Operator: Power Minerals Ltd Operator Location: Not Supplied Periodic Type: Not Available Geology: ! Commodity: Furnace Bottom Ash Positional Accuracy: Located by supplier to within 10m	A14NE (N)	168	1	481300 379230

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
67	BGS Recorded Mineral Sites Site Name: Cottam Power Station Ash Plant Location: Cottam, Retford, Nottinghamshire Source: British Geological Survey, National Geoscience Information Service Reference: 191218 Type: Power Station Status: Active Operator: Cemex Uk Cement Operator Location: Not Supplied Periodic Type: Not Available Geology: ! Commodity: Furnace Bottom Ash Positional Accuracy: Located by supplier to within 10m	A14NE (N)	168	1	481300 379230
67	BGS Recorded Mineral Sites Site Name: Cottam Power Station Ash Plant Location: Cottam, Retford, Nottinghamshire Source: British Geological Survey, National Geoscience Information Service Reference: 191218 Type: Power Station Status: Active Operator: Cemex Uk Cement Operator Location: Not Supplied Periodic Type: Not Available Geology: ! Commodity: Pulverised Fuel Ash Positional Accuracy: Located by supplier to within 10m	A14NE (N)	168	1	481300 379230
67	BGS Recorded Mineral Sites Site Name: Cottam Power Station Desulphurisation Plant Location: Cottam, Retford, Nottinghamshire Source: British Geological Survey, National Geoscience Information Service Reference: 32217 Type: Power Station Status: Active Operator: Edf Energy Operator Location: Not Supplied Periodic Type: Anthropogene Geology: Gypsum From Desulphurisation Plant At Cottam Ps Commodity: Not Supplied Positional Accuracy: Located by supplier to within 10m	A14NE (N)	168	1	481300 379230
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A10NE (E)	0	1	481345 378781
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NW)	0	1	480740 379172
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11NE (E)	0	1	481882 378751
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NW (E)	0	1	481545 378799
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10NE (E)	0	1	481393 378796
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A5NE (SW)	136	1	480558 378107
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A16NE (NE)	212	1	482540 379290
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A10NE (E)	0	1	481393 378796
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A11NW (E)	0	1	481545 378799

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NE (E)	0	1	481882 378751
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10NE (E)	0	1	481345 378781
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NW)	0	1	480740 379172
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A5NE (SW)	136	1	480558 378107
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A16NE (NE)	212	1	482540 379290
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10NE (E)	0	1	481345 378781
	Potential for Landslide Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A11NE (E)	0	1	481870 378706
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A11NE (E)	0	1	481799 378708
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A11NE (E)	0	1	482046 378765
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A10NE (E)	0	1	481345 378781
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A16SW (E)	60	1	482280 378985
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A10NE (E)	0	1	481345 378781
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NW)	0	1	480740 379172
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10SE (SW)	0	1	481149 378415
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11NE (E)	0	1	481882 378751
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A11NW (E)	0	1	481545 378799
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A10NE (E)	0	1	481393 378796
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A10SE (S)	97	1	481145 378232
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A5NE (SW)	136	1	480558 378107
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A9NW (W)	138	1	480400 378671
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11SW (S)	164	1	481518 378268

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11SW (S)	204	1	481542 378239
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A16NE (NE)	212	1	482540 379290
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A10NE (S)	0	1	481349 378767
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10NE (E)	0	1	481345 378781
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NW)	0	1	480746 379182
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A14NW (NW)	0	1	480998 379439
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NW (SE)	0	1	481590 378647
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NE (E)	0	1	481882 378751
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10NW (W)	0	1	480967 378659
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10NE (E)	0	1	481431 378802
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A16NE (NE)	212	1	482540 379290
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A10NE (E)	0	1	481345 378781
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A10NE (E)	0	1	481345 378781

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
68	Contemporary Trade Directory Entries Name: Lafarge Aggregates Ltd Location: Cottam Quarry, Torksey Ferry Road, Rampton, DN22 0HT Classification: Sand, Gravel & Other Aggregates Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (E)	0	-	482281 378730
69	Contemporary Trade Directory Entries Name: Cape Industrial Services Ltd Location: Cottam Power Station, Cottam, Retford, DN22 0NP Classification: Scaffolding & Work Platforms Status: Active Positional Accuracy: Automatically positioned to the address	A14NE (N)	144	-	481298 379186
69	Contemporary Trade Directory Entries Name: E D F Energy Location: Cottam Power Station, Cottam, Retford, DN22 0NP Classification: Electricity Companies Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (N)	144	-	481298 379186
69	Contemporary Trade Directory Entries Name: Cemex Uk Location: Cottam Power Station, Cottam, Retford, DN22 0EU Classification: Cement Manufacturers & Distributors Status: Active Positional Accuracy: Automatically positioned to the address	A14NE (N)	144	-	481298 379186
69	Contemporary Trade Directory Entries Name: D M L Lubrication Services Location: Cottam Power Station, Retford, Nottinghamshire, DN22 0ET Classification: Lubrication Services Status: Inactive Positional Accuracy: Manually positioned to the address or location	A14NE (N)	145	-	481288 379188
69	Contemporary Trade Directory Entries Name: Hargreaves Industrial Services Ltd Location: Cottam Power Station, Cottam, Retford, Nottinghamshire, DN22 0EU Classification: Engineering Materials Status: Inactive Positional Accuracy: Manually positioned to the address or location	A14NE (N)	146	-	481288 379189
69	Contemporary Trade Directory Entries Name: E D F Energy Location: Cottam Power Station, Cottam, Retford, Nottinghamshire, DN22 0EU Classification: Electricity Companies Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (N)	146	-	481288 379189
70	Underground Electrical Cables Unique Feature Identifier: 10007839 Cable Status: Commissioned Cable Type: Alternating Current Record Last Updated: 23rd March 2018	A14SW (W)	0	11	481108 378812
71	Underground Electrical Cables Unique Feature Identifier: 10007838 Cable Status: Commissioned Cable Type: Alternating Current Record Last Updated: 23rd March 2018	A14SW (W)	0	11	481105 378805

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
72	Nitrate Vulnerable Zones Name: R Trent From Carlton-On-Trent To Laughton Drain Nvz Description: Surface Water Source: Environment Agency, Head Office	A10SE (S)	0	3	481397 378282
73	Nitrate Vulnerable Zones Name: Seymour Drain Catchment (Trib Of River Trent) Nvz Description: Surface Water Source: Environment Agency, Head Office	A10NE (E)	0	3	481345 378781

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Bassetlaw District Council - Environmental Health Department Environment Agency - Head Office West Lindsey District Council - Environmental Health Department	January 2020 June 2020 September 2017	Annual Rolling Update Annually Annual Rolling Update
Discharge Consents Environment Agency - Midlands Region	July 2021	Quarterly
Enforcement and Prohibition Notices Environment Agency - Anglian Region Environment Agency - Midlands Region	March 2013 March 2013	
Integrated Pollution Controls Environment Agency - Anglian Region Environment Agency - Midlands Region	January 2009 January 2009	
Integrated Pollution Prevention And Control Environment Agency - Anglian Region Environment Agency - Midlands Region	July 2021 July 2021	Quarterly Quarterly
Local Authority Integrated Pollution Prevention And Control Bassetlaw District Council - Environmental Health Department West Lindsey District Council - Environmental Health Department	August 2014 November 2014	Variable Variable
Local Authority Pollution Prevention and Controls Bassetlaw District Council - Environmental Health Department West Lindsey District Council - Environmental Health Department	August 2014 November 2014	Not Applicable Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Bassetlaw District Council - Environmental Health Department West Lindsey District Council - Environmental Health Department	August 2014 November 2014	Variable Variable
Nearest Surface Water Feature Ordnance Survey	August 2021	
Pollution Incidents to Controlled Waters Environment Agency - Midlands Region	December 1999	
Prosecutions Relating to Authorised Processes Environment Agency - Anglian Region Environment Agency - Midlands Region	July 2015 July 2015	
Prosecutions Relating to Controlled Waters Environment Agency - Anglian Region Environment Agency - Midlands Region	March 2013 March 2013	
Registered Radioactive Substances Environment Agency - Anglian Region Environment Agency - Midlands Region	June 2016 June 2016	Annually Annually
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	April 2012	Annually
River Quality Chemistry Sampling Points Environment Agency - Head Office	April 2012	Annually
Substantiated Pollution Incident Register Environment Agency - Anglian Region - Northern Area Environment Agency - Midlands Region - East Area Environment Agency - Midlands Region - Lower Trent Area	July 2021 July 2021 July 2021	Quarterly Quarterly Quarterly
Water Abstractions Environment Agency - Midlands Region	July 2021	Quarterly
Water Industry Act Referrals Environment Agency - Anglian Region Environment Agency - Midlands Region	October 2017 October 2017	Quarterly Quarterly





Agency & Hydrological	Version	Update Cycle
Groundwater Vulnerability Map Environment Agency - Head Office	June 2018	As notified
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Superficial Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Source Protection Zones Environment Agency - Head Office	May 2021	Bi-Annually
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	September 2021	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	September 2021	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	September 2021	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	September 2021	Quarterly
Flood Defences Environment Agency - Head Office	September 2021	Quarterly
OS Water Network Lines Ordnance Survey	July 2021	Quarterly
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	Annually

Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	November 2002	Not Applicable
Historical Landfill Sites Environment Agency - Head Office	May 2021	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - Anglian Region Environment Agency - Midlands Region	January 2009 January 2009	Not Applicable Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - Anglian Region - Northern Area Environment Agency - Midlands Region - East Area Environment Agency - Midlands Region - Lower Trent Area	July 2021 July 2021 July 2021	Quarterly Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - Anglian Region - Northern Area Environment Agency - Midlands Region - East Area Environment Agency - Midlands Region - Lower Trent Area	July 2021 July 2021 July 2021	Quarterly Quarterly Quarterly
Local Authority Landfill Coverage Bassetlaw District Council - Environmental Health Department Lincolnshire County Council Nottinghamshire County Council - Environment Department West Lindsey District Council - Environmental Health Department	February 2003 February 2003 February 2003 February 2003	Not Applicable Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Bassetlaw District Council - Environmental Health Department Lincolnshire County Council Nottinghamshire County Council - Environment Department West Lindsey District Council - Environmental Health Department	October 2018 October 2018 October 2018 October 2018	
Registered Landfill Sites Environment Agency - Anglian Region - Northern Area Environment Agency - Midlands Region - East Area Environment Agency - Midlands Region - Lower Trent Area	March 2006 March 2006 March 2006	Not Applicable Not Applicable Not Applicable
Registered Waste Transfer Sites Environment Agency - Anglian Region - Northern Area Environment Agency - Midlands Region - East Area Environment Agency - Midlands Region - Lower Trent Area	April 2018 April 2018 April 2018	
Registered Waste Treatment or Disposal Sites Environment Agency - Anglian Region - Northern Area Environment Agency - Midlands Region - East Area Environment Agency - Midlands Region - Lower Trent Area	June 2015 June 2015 June 2015	

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	April 2018	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements Bassetlaw District Council - Environmental Health Department Nottinghamshire County Council Lincolnshire County Council - Highways and Planning Department West Lindsey District Council	April 2015 August 2007 August 2010 February 2016	Variable Variable Variable Variable
Planning Hazardous Substance Consents Bassetlaw District Council - Environmental Health Department Lincolnshire County Council - Highways and Planning Department Nottinghamshire County Council West Lindsey District Council	April 2015 August 2007 August 2007 February 2016	Variable Variable Variable Variable
Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	May 2021	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	As notified
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	Annually

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	July 2021	Quarterly
Fuel Station Entries Catalist Ltd - Experian	August 2021	Quarterly
Gas Pipelines National Grid	October 2021	Annually
Underground Electrical Cables National Grid	May 2021	Annually
Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	February 2021	Bi-Annually
Areas of Adopted Green Belt Bassetlaw District Council West Lindsey District Council	October 2020 October 2020	Quarterly Quarterly
Areas of Unadopted Green Belt Bassetlaw District Council West Lindsey District Council	October 2020 October 2020	Quarterly Quarterly
Areas of Outstanding Natural Beauty Natural England	January 2021	Bi-Annually
Environmentally Sensitive Areas Natural England	January 2017	
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	February 2021	Bi-Annually
Marine Nature Reserves Natural England	July 2019	Bi-Annually
National Nature Reserves Natural England	January 2021	Bi-Annually
National Parks Natural England	February 2018	Bi-Annually
Nitrate Sensitive Areas Natural England	April 2016	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Environment Agency - Head Office	April 2016 June 2017	Bi-Annually
Ramsar Sites Natural England	August 2020	Bi-Annually
Sites of Special Scientific Interest Natural England	February 2021	Bi-Annually
Special Areas of Conservation Natural England	July 2020	Bi-Annually
Special Protection Areas 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	 British Geological Survey <small>NATURAL ENVIRONMENT RESEARCH COUNCIL</small>
Centre for Ecology and Hydrology	 Centre for Ecology & Hydrology <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	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: [REDACTED]
2	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
4	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
5	Bassetlaw District Council - Environmental Health Department Queens Buildings, Potter Street, Worksop, Nottinghamshire, S80 2AH	Telephone: 01909 533533 Fax: 01909 731111 Website: www.bassetlaw.gov.uk
6	Nottinghamshire County Council - Environment Department 5th Floor, Trentbridge House, Fox Road, Nottingham, Nottinghamshire, NG2 6BJ	Telephone: 0115 977 4383 Website: www.nottinghamshire.gov.uk
7	Lincolnshire County Council 4th Floor, City Hall, Lincoln, Lincolnshire, LN1 1DN	Telephone: 01522 552222 Fax: 01522 552288 Email: PublicRelations@lincolnshire.gov.uk Website: www.lincolnshire.gov.uk
8	West Lindsey District Council - Environmental Health Department The Guildhall, Caskgate Street, Gainsborough, Lincolnshire, DN21 2DH	Telephone: 01427 676676 Fax: 01427 810623 Website: www.west-lindsey.gov.uk
9	Health and Safety Executive 5S.2 Redgrave Court, Merton Road, Bootle, L20 7HS	Website: www.hse.gov.uk
10	Bassetlaw District Council - Environmental Health Department Queen's Buildings, Potter Street, Worksop, S80 2AH	Telephone: 01909 533533 Fax: 01909 482622 Website: www.bassetlaw.gov.uk
11	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9966 Fax: 0844 844 9951 Email: helpdesk@landmark.co.uk Website: [REDACTED]
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: [REDACTED]
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: [REDACTED]

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Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

286968913_1_1

Customer Reference:

60664324

National Grid Reference:

483330, 379040

Slice:

B

Site Area (Ha):

1658.81

Search Buffer (m):

250

Site Details:

Marton
GAINSBOROUGH
Lincolnshire
DN21 5AA

Client Details:

Mr D Abberley
AECOM Ltd
Colmore Plaza
Colmore Circus
Queensway
Birmingham
B4 6AT

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	11
Hazardous Substances	-
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Industrial Land Use	13
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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 (*up to 500m)
Agency & Hydrological			
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes
Contaminated Land Register Entries and Notices			
Discharge Consents	pg 3	9	
Prosecutions Relating to Controlled Waters			n/a
Enforcement and Prohibition Notices			
Integrated Pollution Controls			
Integrated Pollution Prevention And Control			
Local Authority Integrated Pollution Prevention And Control			
Local Authority Pollution Prevention and Controls			
Local Authority Pollution Prevention and Control Enforcements			
Nearest Surface Water Feature	pg 5	Yes	
Pollution Incidents to Controlled Waters			
Prosecutions Relating to Authorised Processes			
Registered Radioactive Substances			
River Quality	pg 5	1	
River Quality Biology Sampling Points			
River Quality Chemistry Sampling Points			
Substantiated Pollution Incident Register			
Water Abstractions			
Water Industry Act Referrals			
Groundwater Vulnerability Map	pg 5	Yes	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a
Bedrock Aquifer Designations	pg 7	Yes	n/a
Superficial Aquifer Designations	pg 7	Yes	n/a
Source Protection Zones			
Extreme Flooding from Rivers or Sea without Defences	pg 7	Yes	
Flooding from Rivers or Sea without Defences	pg 8	Yes	
Areas Benefiting from Flood Defences			
Flood Water Storage Areas			
Flood Defences	pg 8	Yes	
OS Water Network Lines	pg 8	9	8

Data Type	Page Number	On Site	0 to 250m (*up to 500m)
Waste			
BGS Recorded Landfill Sites			
Historical Landfill Sites	pg 11	1	
Integrated Pollution Control Registered Waste Sites			
Licensed Waste Management Facilities (Landfill Boundaries)	pg 11	3	
Licensed Waste Management Facilities (Locations)			
Local Authority Landfill Coverage	pg 11	4	n/a
Local Authority Recorded Landfill Sites			
Registered Landfill Sites			
Registered Waste Transfer Sites			
Registered Waste Treatment or Disposal Sites			
Hazardous Substances			
Control of Major Accident Hazards Sites (COMAH)			
Explosive Sites			
Notification of Installations Handling Hazardous Substances (NIHHS)			
Planning Hazardous Substance Consents			
Planning Hazardous Substance Enforcements			
Geological			
BGS 1:625,000 Solid Geology	pg 12	Yes	n/a
BGS Recorded Mineral Sites			
CBSCB Compensation District			n/a
Coal Mining Affected Areas			n/a
Mining Instability			n/a
Man-Made Mining Cavities			
Natural Cavities			
Non Coal Mining Areas of Great Britain			
Potential for Collapsible Ground Stability Hazards	pg 12		Yes
Potential for Compressible Ground Stability Hazards	pg 12	Yes	
Potential for Ground Dissolution Stability Hazards			
Potential for Landslide Ground Stability Hazards	pg 12	Yes	Yes
Potential for Running Sand Ground Stability Hazards	pg 12	Yes	Yes
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 12	Yes	
Radon Potential - Radon Affected Areas			n/a
Radon Potential - Radon Protection Measures			n/a

Data Type	Page Number	On Site	0 to 250m (*up to 500m)
Industrial Land Use			
Contemporary Trade Directory Entries	pg 13		1
Fuel Station Entries			
Gas Pipelines			
Underground Electrical Cables			
Sensitive Land Use			
Ancient Woodland			
Areas of Adopted Green Belt			
Areas of Unadopted Green Belt			
Areas of Outstanding Natural Beauty			
Environmentally Sensitive Areas			
Forest Parks			
Local Nature Reserves			
Marine Nature Reserves			
National Nature Reserves			
National Parks			
Nitrate Sensitive Areas			
Nitrate Vulnerable Zones	pg 14	3	
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
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B13SE (N)	0	1	483328 379050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	0	1	482450 378850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	0	1	482350 378700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NE)	0	1	484750 380000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	0	1	483400 380000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B13NE (NE)	0	1	483400 379150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B13NW (W)	0	1	482950 379150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B13NE (N)	0	1	483450 379400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B13NE (N)	0	1	483400 379450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B14NW (NE)	0	1	483600 379400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	0	1	483400 380100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(W)	0	1	482450 378900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	0	1	483150 379850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	B13SE (W)	0	1	483150 379000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B13SE (S)	0	1	483328 379000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	0	1	483700 380000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	0	1	483200 379750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B14SW (E)	0	1	483600 379044
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	0	1	482400 378800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	0	1	483300 379650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	0	1	483100 380050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	0	1	483250 379700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	0	1	483650 380000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(N)	0	1	483328 380000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	B13SE (S)	0	1	483328 379044
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(NE)	0	1	485400 380000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	17	1	482150 378600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	21	1	482350 379000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	25	1	482700 378700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	38	1	482500 378650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NE)	39	1	485000 380000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	46	1	482500 379044
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(NE)	48	1	483850 380000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	50	1	483900 380000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B14NW (NE)	55	1	483650 379250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B13NE (N)	73	1	483328 379250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	78	1	483050 379600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	83	1	483350 379950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	86	1	483450 379950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	89	1	483650 379700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	93	1	483650 379550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B13NE (N)	94	1	483250 379350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	100	1	482400 378400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	101	1	482900 379950

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	104	1	483500 379750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	134	1	483400 379900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	135	1	482750 378650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	140	1	483600 379900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	156	1	482900 379500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B13NW (NW)	169	1	483100 379400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B13NE (NW)	200	1	483150 379300
1	Discharge Consents Operator: Edf Energy (Thermal Generation) Limited Property Type: SUB-STATION/ELECTRICITY/GAS/AIR CONDITIONING SUPPLY Location: Cottam Power Station, Retford, Nottingham, Nottinghamshire Authority: Environment Agency, Midlands Region Catchment Area: Trent Catchment : Trent To Confluence With Idle Reference: T/69/40091/T Permit Version: 2 Effective Date: 15th June 2017 Issued Date: 15th June 2017 Revocation Date: Not Supplied Discharge Type: Sewage And Trade Combined - Unspecified Discharge: Freshwater Stream/River Environment: Receiving Water: River Trent Seymour Drain Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m	B13SE (E)	0	2	483460 379090
1	Discharge Consents Operator: Edf Energy (Thermal Generation) Limited Property Type: SUB-STATION/ELECTRICITY/GAS/AIR CONDITIONING SUPPLY Location: Cottam Power Station, Retford, Nottingham, Nottinghamshire Authority: Environment Agency, Midlands Region Catchment Area: Trent Catchment : Trent To Confluence With Idle Reference: T/69/40091/T Permit Version: 2 Effective Date: 15th June 2017 Issued Date: 15th June 2017 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Trent Seymour Drain Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m	B13SE (E)	0	2	483460 379090
1	Discharge Consents Operator: Edf Energy (Cottam Power) Limited Property Type: SUB-STATION/ELECTRICITY/GAS/AIR CONDITIONING SUPPLY Location: Cottam Power Station, Retford, Nottingham, Nottinghamshire Authority: Environment Agency, Midlands Region Catchment Area: Trent Catchment : Trent To Confluence With Idle Reference: T/69/40091/T Permit Version: 1 Effective Date: 27th January 1995 Issued Date: 27th January 1995 Revocation Date: 14th June 2017 Discharge Type: Sewage And Trade Combined - Unspecified Discharge: Freshwater Stream/River Environment: Receiving Water: River Trent Seymour Drain Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m	B13SE (E)	0	2	483460 379090

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	<p>Discharge Consents</p> <p>Operator: Edf Energy (Cottam Power) Limited Property Type: SUB-STATION/ELECTRICITY/GAS/AIR CONDITIONING SUPPLY Location: Cottam Power Station, Retford, Nottingham, Nottinghamshire Authority: Environment Agency, Midlands Region Catchment Area: Trent Catchment : Trent To Confluence With Idle Reference: T/69/40091/T Permit Version: 1 Effective Date: 27th January 1995 Issued Date: 27th January 1995 Revocation Date: 14th June 2017 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Trent Seymour Drain Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m</p>	B13SE (E)	0	2	483460 379090
2	<p>Discharge Consents</p> <p>Operator: Trustees Of F Wraith Settlement Fund Property Type: Undefined Or Other Location: Torksey Terminal, Torksey, Lincolnshire Authority: Environment Agency, Midlands Region Catchment Area: Trent Catchment : Trent To Confluence With Idle Reference: T/69/45073/T Permit Version: 1 Effective Date: 27th January 1997 Issued Date: 27th January 1997 Revocation Date: 28th May 2019 Discharge Type: Trade Discharge - Process Water Discharge: Freshwater Stream/River Environment: Receiving Water: River Trent Status: Revoked under EPR 2010 Positional Accuracy: Located by supplier to within 100m</p>	B14NW (NE)	0	2	483600 379400
2	<p>Discharge Consents</p> <p>Operator: D J & D J Wraith As Trustees Property Type: Mineral Oil Processing Location: Torksey Terminal, Torksey, Lincolnshire Authority: Environment Agency, Midlands Region Catchment Area: Trent Catchment To Confluence With Idle Reference: CT/69/45073/T/1 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 27th January 1997 Revocation Date: Not Supplied Discharge Type: Site Drainage Discharge: Freshwater Stream/River Environment: Receiving Water: River Trent (Tidal) Status: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	B14NW (NE)	0	2	483605 379395
2	<p>Discharge Consents</p> <p>Operator: Shell Oil Uk Ltd Property Type: Not Given Location: Torksey Terminal, TORKSEY, Lincolnshire Authority: Environment Agency, Midlands Region Catchment Area: Not Given Reference: T/69/00282/T /1 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 25th October 1972 Revocation Date: Not Supplied Discharge Type: Site Drainage Discharge: Freshwater Stream/River Environment: Receiving Water: River Trent (Tidal) Status: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	B14NW (NE)	0	2	483600 379400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	Discharge Consents Operator: Powergen Uk Plc Property Type: Undefined Or Other Location: Cottam Power Station, Retford, Nottingham, Nottinghamshire Authority: Environment Agency, Midlands Region Catchment Area: Uncategorised Lower Trent Reference: A12896 Permit Version: 1 Effective Date: 1st January 1994 Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Trade Discharge - Process Water Discharge: Not Supplied Environment: Receiving Water: Not Supplied Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m	B13SE (SE)	0	2	483400 379000
3	Discharge Consents Operator: Powergen Uk Plc Property Type: Undefined Or Other Location: Cottam Power Station, Retford, Nottingham, Nottinghamshire Authority: Environment Agency, Midlands Region Catchment Area: Uncategorised Lower Trent Reference: A12896 Permit Version: 1 Effective Date: 1st January 1994 Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Trade Discharge - Process Water Discharge: Not Supplied Environment: Receiving Water: Not Supplied Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m	B13SE (SE)	0	2	483400 379001
	Nearest Surface Water Feature	B14NW (NE)	0	-	483553 379164
	River Quality Name: Trent R GQA Grade: River Quality B Reach: Dunham Toll Bridge To A631 Gainsborough Estimated Distance (km): 22 Flow Rate: Flow greater than 80 cumecs Flow Type: River Year: 2000	B13SE (E)	0	2	483464 379029
	Groundwater Vulnerability Map 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: >90% Patchiness: Superficial Thickness: 3-10m Superficial Recharge: High	(N)	0	3	483328 380000
	Groundwater Vulnerability Map 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: <90% Patchiness: Superficial Thickness: 3-10m Superficial Recharge: High	(NE)	0	3	484000 380000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Groundwater Vulnerability Map</p> <p>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: Medium</p>	B13SW (W)	0	3	483000 379000
	<p>Groundwater Vulnerability Map</p> <p>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: Medium</p>	B13SW (W)	0	3	483000 379044
	<p>Groundwater Vulnerability Map</p> <p>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: 3-10m Superficial Recharge: Medium</p>	(N)	0	3	483000 380000
	<p>Groundwater Vulnerability Map</p> <p>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: 3-10m Superficial Recharge: High</p>	B13SE (S)	0	3	483328 379044

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map 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: 3-10m Superficial Recharge: Medium	B13SE (S)	0	3	483328 379000
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: >90% Superficial Thickness: 3-10m Superficial Recharge: High	(N)	0	3	483375 380000
	Groundwater Vulnerability - Soluble Rock Risk None				
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	(NE)	0	3	484510 380000
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B	B13SE (S)	0	3	483328 379044
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B	(NE)	0	3	484740 380000
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B	(N)	0	3	483328 380000
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B	(NE)	0	3	485000 380000
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	B13SE (S)	0	3	483328 379044
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	(N)	0	3	483328 380000
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	(NE)	0	3	485392 380000
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	B13SW (W)	0	2	483105 379093
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models and Fluvial Events Boundary Accuracy: As Supplied	B13SE (W)	0	2	483301 379055
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	B13SE (S)	0	2	483328 379044

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	B14SW (E)	0	2	483648 378955
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models and Fluvial Events Boundary Accuracy: As Supplied	B13SE (SE)	0	2	483362 379022
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	B13SE (S)	0	2	483328 379044
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	B13SW (SW)	0	2	482959 378816
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences Type: Flood Defences Reference: Not Supplied	B13SE (SE)	0	2	483354 379027
	Flood Defences Type: Flood Defences Reference: Not Supplied	B14SW (E)	0	2	483635 378922
	Flood Defences Type: Flood Defences Reference: Not Supplied	B13NE (N)	0	2	483336 379261
4	OS Water Network Lines Watercourse Form: Tidal river Watercourse Length: 585.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Trent Catchment Name: Trent Primacy: 1	B14SW (E)	0	4	483524 378990
5	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 85.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	B13SE (SW)	0	4	483258 378890
6	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 218.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	B13SE (SW)	0	4	483258 378890
7	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 253.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	B13SE (SE)	0	4	483381 379013
8	OS Water Network Lines Watercourse Form: Tidal river Watercourse Length: 85.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Trent Catchment Name: Trent Primacy: 1	B14SW (E)	0	4	483510 379052

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	OS Water Network Lines Watercourse Form: Tidal river Watercourse Length: 70.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	B13SE (E)	0	4	483443 379048
10	OS Water Network Lines Watercourse Form: Tidal river Watercourse Length: 187.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Trent Catchment Name: Trent Primacy: 1	B14SW (E)	0	4	483509 379072
11	OS Water Network Lines Watercourse Form: Tidal river Watercourse Length: 637.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Trent Catchment Name: Trent Primacy: 1	B14NW (NE)	0	4	483580 379229
12	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 190.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	B13NE (N)	0	4	483206 379457
13	OS Water Network Lines Watercourse Form: Tidal river Watercourse Length: 273.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Trent Catchment Name: Trent Primacy: 2	B14SW (E)	6	4	483524 378990
14	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 53.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	B13SE (S)	60	4	483240 378813
15	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 161.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	B13SW (SW)	67	4	483035 378819
16	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 96.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	B13NE (N)	84	4	483206 379457
17	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 178.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	B13NE (N)	85	4	483322 379322

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
18	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 146.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	B13NE (NW)	202	4	483163 379334
19	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 333.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	B13NE (NW)	203	4	483226 379257
20	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 327.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	B9NW (SW)	222	4	483068 378661

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
21	<p>Historical Landfill Sites</p> <p>Licence Holder: Powergen Plc Location: Cottam, Retford Name: Cottam Power Station Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD22082 First Input Date: 31st December 1960 Last Input Date: Not Supplied Specified Waste: Deposited Waste included Industrial Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 3000/0066 BGS Ref: Not Supplied Other Ref: 1/77/45/87NW</p>	B13SE (NW)	0	2	483309 379061
22	<p>Licensed Waste Management Facilities (Landfill Boundaries)</p> <p>Name: Cottam Ash Disposal Site Licence Number: 0 Location: Cottam Power Station, Outgang Lane, Cottam, Retford, Nottinghamshire, DN22 0EU Licence Holder: Edf Energy (Cottam Power) Ltd Authority: Environment Agency - Midlands Region, East Area Site Category: Waste Landfilling; >10 T/D with Capacity >25,000T Excluding Inert Waste Max Input Rate: Not Supplied Licence Status: Effective Issued: 22nd January 2016 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied</p>	B13SE (S)	0	2	483328 379044
23	<p>Licensed Waste Management Facilities (Landfill Boundaries)</p> <p>Name: Cottam Power Station Licence Number: 43565 Location: Cottam Power Station, P O Box 4, Retford, Nottinghamshire, DN22 0ET Licence Holder: Cottam Power Limited Authority: Environment Agency - Midlands Region, Lower Trent Area Site Category: Landfills Taking Non-biodegradable Wastes (Not Construction) Max Input Rate: Not Supplied Licence Status: Inactive Issued: 20th December 2002 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied</p>	B13SE (S)	0	2	483328 379044
24	<p>Licensed Waste Management Facilities (Landfill Boundaries)</p> <p>Name: Cottam Power Station Licence Number: 43107 Location: Cottam Power Station, Retford, Nottinghamshire, DN22 0ET Licence Holder: Cottam Power Limited Authority: Environment Agency - Midlands Region, East Area Site Category: Lagoons Max Input Rate: Not Supplied Licence Status: IPPC Issued: 1st March 1996 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied</p>	B13SE (S)	0	2	483328 379044
	<p>Local Authority Landfill Coverage</p> <p>Name: Bassetlaw District Council - Has no landfill data to supply</p>		0	5	483328 379044
	<p>Local Authority Landfill Coverage</p> <p>Name: West Lindsey District Council - Has no landfill data to supply</p>		0	6	483489 379026
	<p>Local Authority Landfill Coverage</p> <p>Name: Nottinghamshire County Council - Has no landfill data to supply</p>		0	8	483328 379044
	<p>Local Authority Landfill Coverage</p> <p>Name: Lincolnshire County Council - Had landfill data but passed it to the relevant environment agency</p>		0	7	483489 379026

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Triassic Rocks (Undifferentiated)	B13SE (S)	0	1	483328 379044
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B13SE (S)	0	1	483328 379044
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B14SW (E)	4	1	483654 378919
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	B13SE (S)	0	1	483328 379044
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B14SW (E)	4	1	483654 378919
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B13SE (S)	0	1	483328 379044
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B13SE (S)	0	1	483328 379044
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	B13NE (NW)	234	1	483191 379233
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	B13SE (S)	0	1	483328 379044
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B14SW (E)	4	1	483654 378919
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B13SE (S)	0	1	483328 379044
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B14SW (E)	90	1	483654 378919
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	B13SE (S)	0	1	483328 379044
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	B13SE (S)	0	1	483328 379044

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
25	<p>Contemporary Trade Directory Entries</p> <p>Name: Innovative Interconnect Tech Ltd Location: Main St, Laughterton, Lincoln, LN1 2LB Classification: Electrical Engineers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location</p>	B14SW (SE)	225	-	483724 378836

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
26	Nitrate Vulnerable Zones Name: R Trent From Carlton-On-Trent To Laughton Drain Nvz Description: Surface Water Source: Environment Agency, Head Office	B13SE (S)	0	3	483328 379044
27	Nitrate Vulnerable Zones Name: Marton Drain Catchment (Trib Of R Trent) Nvz Description: Surface Water Source: Environment Agency, Head Office	B14SW (E)	0	3	483650 379000
28	Nitrate Vulnerable Zones Name: Seymour Drain Catchment (Trib Of River Trent) Nvz Description: Surface Water Source: Environment Agency, Head Office	(NW)	0	3	482800 379350

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Bassetlaw District Council - Environmental Health Department Environment Agency - Head Office Newark And Sherwood District Council - Environmental Services West Lindsey District Council - Environmental Health Department	January 2020 June 2020 September 2017 September 2017	Annual Rolling Update Annually Annual Rolling Update Annual Rolling Update
Discharge Consents Environment Agency - Anglian Region Environment Agency - Midlands Region	July 2021 July 2021	Quarterly Quarterly
Enforcement and Prohibition Notices Environment Agency - Anglian Region Environment Agency - Midlands Region	March 2013 March 2013	
Integrated Pollution Controls Environment Agency - Anglian Region Environment Agency - Midlands Region	January 2009 January 2009	
Integrated Pollution Prevention And Control Environment Agency - Anglian Region Environment Agency - Midlands Region	July 2021 July 2021	Quarterly Quarterly
Local Authority Integrated Pollution Prevention And Control Bassetlaw District Council - Environmental Health Department West Lindsey District Council - Environmental Health Department Newark And Sherwood District Council - Environmental Services	August 2014 November 2014 October 2014	Variable Variable Variable
Local Authority Pollution Prevention and Controls Bassetlaw District Council - Environmental Health Department West Lindsey District Council - Environmental Health Department Newark And Sherwood District Council - Environmental Services	August 2014 November 2014 October 2014	Not Applicable Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Bassetlaw District Council - Environmental Health Department West Lindsey District Council - Environmental Health Department Newark And Sherwood District Council - Environmental Services	August 2014 November 2014 October 2014	Variable Variable Variable
Nearest Surface Water Feature Ordnance Survey	August 2021	
Pollution Incidents to Controlled Waters Environment Agency - Midlands Region Environment Agency - Anglian Region	December 1999 September 1999	
Prosecutions Relating to Authorised Processes Environment Agency - Anglian Region Environment Agency - Midlands Region	July 2015 July 2015	
Prosecutions Relating to Controlled Waters Environment Agency - Anglian Region Environment Agency - Midlands Region	March 2013 March 2013	
Registered Radioactive Substances Environment Agency - Anglian Region Environment Agency - Midlands Region	June 2016 June 2016	Annually Annually
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	April 2012	Annually
River Quality Chemistry Sampling Points Environment Agency - Head Office	April 2012	Annually
Substantiated Pollution Incident Register Environment Agency - Anglian Region - Northern Area Environment Agency - Midlands Region - East Area Environment Agency - Midlands Region - Lower Trent Area	July 2021 July 2021 July 2021	Quarterly Quarterly Quarterly

Agency & Hydrological	Version	Update Cycle
Water Abstractions Environment Agency - Anglian Region Environment Agency - Midlands Region	July 2021 July 2021	Quarterly Quarterly
Water Industry Act Referrals Environment Agency - Anglian Region Environment Agency - Midlands Region	October 2017 October 2017	Quarterly Quarterly
Groundwater Vulnerability Map Environment Agency - Head Office	June 2018	As notified
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Superficial Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Source Protection Zones Environment Agency - Head Office	May 2021	Bi-Annually
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	September 2021	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	September 2021	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	September 2021	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	September 2021	Quarterly
Flood Defences Environment Agency - Head Office	September 2021	Quarterly
OS Water Network Lines Ordnance Survey	July 2021	Quarterly
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	Annually

Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	November 2002	Not Applicable
Historical Landfill Sites Environment Agency - Head Office	May 2021	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - Anglian Region Environment Agency - Midlands Region	January 2009 January 2009	Not Applicable Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - Anglian Region - Northern Area Environment Agency - Midlands Region - East Area Environment Agency - Midlands Region - Lower Trent Area	July 2021 July 2021 July 2021	Quarterly Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - Anglian Region - Northern Area Environment Agency - Midlands Region - East Area Environment Agency - Midlands Region - Lower Trent Area	July 2021 July 2021 July 2021	Quarterly Quarterly Quarterly
Local Authority Landfill Coverage Bassetlaw District Council - Environmental Health Department Lincolnshire County Council Newark And Sherwood District Council - Environmental Services Nottinghamshire County Council - Environment Department West Lindsey District Council - Environmental Health Department	February 2003 February 2003 February 2003 February 2003 February 2003	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Bassetlaw District Council - Environmental Health Department Lincolnshire County Council Newark And Sherwood District Council - Environmental Services Nottinghamshire County Council - Environment Department West Lindsey District Council - Environmental Health Department	October 2018 October 2018 October 2018 October 2018 October 2018	
Registered Landfill Sites Environment Agency - Anglian Region - Northern Area Environment Agency - Midlands Region - East Area Environment Agency - Midlands Region - Lower Trent Area	March 2006 March 2006 March 2006	Not Applicable Not Applicable Not Applicable
Registered Waste Transfer Sites Environment Agency - Anglian Region - Northern Area Environment Agency - Midlands Region - East Area Environment Agency - Midlands Region - Lower Trent Area	April 2018 April 2018 April 2018	
Registered Waste Treatment or Disposal Sites Environment Agency - Anglian Region - Northern Area Environment Agency - Midlands Region - East Area Environment Agency - Midlands Region - Lower Trent Area	June 2015 June 2015 June 2015	

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	April 2018	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements Bassetlaw District Council - Environmental Health Department Nottinghamshire County Council Lincolnshire County Council - Highways and Planning Department Newark And Sherwood District Council - Planning Department West Lindsey District Council	April 2015 August 2007 August 2010 February 2016 February 2016	Variable Variable Variable Variable Variable
Planning Hazardous Substance Consents Bassetlaw District Council - Environmental Health Department Lincolnshire County Council - Highways and Planning Department Nottinghamshire County Council Newark And Sherwood District Council - Planning Department West Lindsey District Council	April 2015 August 2007 August 2007 February 2016 February 2016	Variable Variable Variable Variable Variable
Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	May 2021	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	As notified
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	Annually

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	July 2021	Quarterly
Fuel Station Entries Catalist Ltd - Experian	August 2021	Quarterly
Gas Pipelines National Grid	October 2021	Annually
Underground Electrical Cables National Grid	May 2021	Annually
Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	February 2021	Bi-Annually
Areas of Adopted Green Belt Bassetlaw District Council Newark And Sherwood District Council West Lindsey District Council	October 2020 October 2020 October 2020	Quarterly Quarterly Quarterly
Areas of Unadopted Green Belt Bassetlaw District Council Newark And Sherwood District Council West Lindsey District Council	October 2020 October 2020 October 2020	Quarterly Quarterly Quarterly
Areas of Outstanding Natural Beauty Natural England	January 2021	Bi-Annually
Environmentally Sensitive Areas Natural England	January 2017	
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	February 2021	Bi-Annually
Marine Nature Reserves Natural England	July 2019	Bi-Annually
National Nature Reserves Natural England	January 2021	Bi-Annually
National Parks Natural England	February 2018	Bi-Annually
Nitrate Sensitive Areas Natural England	April 2016	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Environment Agency - Head Office	April 2016 June 2017	Bi-Annually
Ramsar Sites Natural England	August 2020	Bi-Annually
Sites of Special Scientific Interest Natural England	February 2021	Bi-Annually
Special Areas of Conservation Natural England	July 2020	Bi-Annually
Special Protection Areas 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	 British Geological Survey <small>NATURAL ENVIRONMENT RESEARCH COUNCIL</small>
Centre for Ecology and Hydrology	 Centre for Ecology & Hydrology <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	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: [REDACTED]
2	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
4	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
5	Bassetlaw District Council - Environmental Health Department Queens Buildings, Potter Street, Worksop, Nottinghamshire, S80 2AH	Telephone: 01909 533533 Fax: 01909 731111 Website: www.bassetlaw.gov.uk
6	West Lindsey District Council - Environmental Health Department The Guildhall, Caskgate Street, Gainsborough, Lincolnshire, DN21 2DH	Telephone: 01427 676676 Fax: 01427 810623 Website: www.west-lindsey.gov.uk
7	Lincolnshire County Council 4th Floor, City Hall, Lincoln, Lincolnshire, LN1 1DN	Telephone: 01522 552222 Fax: 01522 552288 Email: PublicRelations@lincolnshire.gov.uk Website: www.lincolnshire.gov.uk
8	Nottinghamshire County Council - Environment Department 5th Floor, Trentbridge House, Fox Road, Nottingham, Nottinghamshire, NG2 6BJ	Telephone: 0115 977 4383 Website: www.nottinghamshire.gov.uk
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: [REDACTED]
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: [REDACTED]

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Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

286968913_1_1

Customer Reference:

60664324

National Grid Reference:

481560, 380870

Slice:

C

Site Area (Ha):

1658.81

Search Buffer (m):

250

Site Details:

Marton
GAINSBOROUGH
Lincolnshire
DN21 5AA

Client Details:

Mr D Abberley
AECOM Ltd
Colmore Plaza
Colmore Circus
Queensway
Birmingham
B4 6AT

Report Section	Page Number
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Agency & Hydrological	1
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Hazardous Substances	-
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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 (*up to 500m)
Agency & Hydrological			
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes
Contaminated Land Register Entries and Notices			
Discharge Consents	pg 4	2	2
Prosecutions Relating to Controlled Waters			n/a
Enforcement and Prohibition Notices			
Integrated Pollution Controls	pg 5		1
Integrated Pollution Prevention And Control	pg 5		5
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 6	Yes	
Pollution Incidents to Controlled Waters	pg 6		1
Prosecutions Relating to Authorised Processes			
Registered Radioactive Substances			
River Quality	pg 6	2	
River Quality Biology Sampling Points			
River Quality Chemistry Sampling Points	pg 7	1	
Substantiated Pollution Incident Register	pg 7		1
Water Abstractions	pg 8	1	2
Water Industry Act Referrals			
Groundwater Vulnerability Map	pg 8	Yes	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a
Bedrock Aquifer Designations	pg 14	Yes	n/a
Superficial Aquifer Designations	pg 14	Yes	n/a
Source Protection Zones			
Extreme Flooding from Rivers or Sea without Defences	pg 14	Yes	
Flooding from Rivers or Sea without Defences	pg 14	Yes	
Areas Benefiting from Flood Defences			
Flood Water Storage Areas			
Flood Defences	pg 14	Yes	
OS Water Network Lines	pg 15	79	43

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Waste			
BGS Recorded Landfill Sites			
Historical Landfill Sites	pg 29		1
Integrated Pollution Control Registered Waste Sites			
Licensed Waste Management Facilities (Landfill Boundaries)	pg 29	3	
Licensed Waste Management Facilities (Locations)			
Local Authority Landfill Coverage	pg 29	4	n/a
Local Authority Recorded Landfill Sites			
Registered Landfill Sites			
Registered Waste Transfer Sites			
Registered Waste Treatment or Disposal Sites			
Hazardous Substances			
Control of Major Accident Hazards Sites (COMAH)			
Explosive Sites			
Notification of Installations Handling Hazardous Substances (NIHHS)			
Planning Hazardous Substance Consents			
Planning Hazardous Substance Enforcements			
Geological			
BGS 1:625,000 Solid Geology	pg 30	Yes	n/a
BGS Recorded Mineral Sites			
CBSCB Compensation District			n/a
Coal Mining Affected Areas			n/a
Mining Instability			n/a
Man-Made Mining Cavities			
Natural Cavities			
Non Coal Mining Areas of Great Britain			
Potential for Collapsible Ground Stability Hazards	pg 30	Yes	
Potential for Compressible Ground Stability Hazards	pg 30	Yes	
Potential for Ground Dissolution Stability Hazards			
Potential for Landslide Ground Stability Hazards	pg 31	Yes	
Potential for Running Sand Ground Stability Hazards	pg 31	Yes	
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 32	Yes	
Radon Potential - Radon Affected Areas			n/a
Radon Potential - Radon Protection Measures			n/a

Data Type	Page Number	On Site	0 to 250m (*up to 500m)
Industrial Land Use			
Contemporary Trade Directory Entries	pg 33		2
Fuel Station Entries			
Gas Pipelines			
Underground Electrical Cables			
Sensitive Land Use			
Ancient Woodland			
Areas of Adopted Green Belt			
Areas of Unadopted Green Belt			
Areas of Outstanding Natural Beauty			
Environmentally Sensitive Areas			
Forest Parks			
Local Nature Reserves			
Marine Nature Reserves			
National Nature Reserves			
National Parks			
Nitrate Sensitive Areas			
Nitrate Vulnerable Zones	pg 34	3	
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
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	483300 381950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	482500 382350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	0	1	481650 382800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	483000 381650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	483100 381700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NE)	0	1	483300 381700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	482200 382300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	482350 382300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	482650 382450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	483100 382150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	482300 382400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C16NW (NE)	0	1	482350 381900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	482300 382250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	483450 381750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	483200 382450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	482500 382200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	483250 382200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C16SE (NE)	0	1	482600 381700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	483350 381650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(E)	0	1	483350 380600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C4NW (SE)	0	1	482150 380000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	1	482400 378850

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(E)	0	1	483500 380550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	0	1	483350 379250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	0	1	482600 379400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	0	1	483350 380869
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C2SE (S)	0	1	481350 379650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(E)	0	1	483300 380450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	0	1	483450 379450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C8NE (E)	0	1	482800 380500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	0	1	483400 379500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	0	1	483400 380700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	0	1	483250 380650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(E)	0	1	483350 380400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SE)	0	1	482400 378900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	0	1	483100 379900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SE)	0	1	483100 379000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	0	1	483300 379000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(E)	0	1	483450 380750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	0	1	483400 380800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	0	1	483150 379800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	0	1	483300 380600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	0	1	483400 379850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	1	482350 378800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	0	1	483250 379700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	0	1	483050 380150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	0	1	483200 379750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	C11SW (SE)	0	1	481563 380869
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	C3NW (S)	0	1	481563 380000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	0	1	483150 381050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C16SW (NE)	0	1	482450 381800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	482250 382350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C16SE (NE)	15	1	482500 381700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	19	1	483200 381150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	21	1	482300 379000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	46	1	482400 379050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	65	1	483250 381200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	73	1	483250 379350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	78	1	483000 379650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	83	1	483350 380000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	86	1	483450 380000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	94	1	483200 379400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	101	1	482850 380000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	104	1	483400 379900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NE)	113	1	483200 382600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	121	1	482850 381600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	125	1	483000 381300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	134	1	483400 379950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	156	1	482850 379650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C3NW (S)	161	1	481700 379900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	169	1	483000 379500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	182	1	483450 381400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C12NE (E)	196	1	482800 381300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	200	1	483100 379350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	213	1	483150 382700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	216	1	481950 379250
1	Discharge Consents Operator: W W Warburton Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Ferry Farm, Littleborough, Nottinghamshire Authority: Environment Agency, Midlands Region Catchment Area: Trent Catchment : Trent To Confluence With Idle Reference: Dt/6966 Permit Version: 1 Effective Date: 29th May 1963 Issued Date: 29th May 1963 Revocation Date: Not Supplied Discharge Type: Sewage And Trade Combined - Unspecified Discharge: Freshwater Stream/River Environment: Receiving Water: Mother Drain (River Torne)Trib Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Approximate location provided by supplier	C15NE (N)	0	2	482000 382000
1	Discharge Consents Operator: W W Warburton Property Type: Undefined Or Other Location: Trent Bank, Littleborough, Nottinghamshire Authority: Environment Agency, Midlands Region Catchment Area: Trent Catchment : Trent To Confluence With Idle Reference: Dt/6968 Permit Version: 1 Effective Date: 29th May 1963 Issued Date: 29th May 1963 Revocation Date: Not Supplied Discharge Type: Sewage And Trade Combined - Unspecified Discharge: Freshwater Stream/River Environment: Receiving Water: Mother Drain (River Torne) Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	C15NE (N)	0	2	482000 382001

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	<p>Discharge Consents</p> <p>Operator: J S Highfield Property Type: Not Given Location: Coates Farm, Cottam, RETFORD, Nottinghamshire Authority: Environment Agency, Midlands Region Catchment Area: Not Given Reference: 3/28/69/1824 /1 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 13th January 1972 Revocation Date: Not Supplied Discharge Type: Sewage Effluent Discharge: Groundwater Environment: Receiving Water: Not Supplied Status: Not Supplied Positional Accuracy: Manually corrected supplier location</p>	C12NE (E)	206	2	482700 381300
3	<p>Discharge Consents</p> <p>Operator: A H Cade (Cottam) Ltd Property Type: Not Given Location: The Farmhouse, Coates, Cottam, RETFORD, Nottinghamshire Authority: Environment Agency, Midlands Region Catchment Area: Not Given Reference: 3/28/69/0842/1 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 27th February 1968 Revocation Date: Not Supplied Discharge Type: Sewage Effluent Discharge: Groundwater Environment: Receiving Water: Not Supplied Status: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	C11NE (NE)	232	2	482100 381300
4	<p>Integrated Pollution Controls</p> <p>Name: E.On Uk Plc Location: Cottam Development Centre, Cottam, RETFORD, Nottinghamshire, DN22 0TF Authority: Environment Agency, Midlands Region Permit Reference: By4190 Dated: Not Supplied Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.3 A (A) Combustion processes within the Fuel & Power Industry Status: Application has met the requirements for authorisation (but not yet authorised) Positional Accuracy: Automatically positioned to the address</p>	C2SW (SW)	15	2	481013 379698
5	<p>Integrated Pollution Prevention And Control</p> <p>Name: Uniper Uk Limited Location: Cottam Development Centre Power Station, Cottam Cdc Power Station, Outgang Lane, Cottam,, Retford, Nottinghamshire, DN22 0TF Authority: Environment Agency, Midlands Region Permit Reference: FP3408BF Original Permit Ref: Np3033rd Effective Date: 6th October 2020 Status: Effective Application Type: Variation App. Sub Type: Standard Positional Accuracy: Located by supplier to within 10m Activity Code: 1.1 A(1) (A) Activity Description: Combustion; Any Fuel Greater Or Equal To 50Mw Primary Activity: Y</p>	C2SW (SW)	12	2	481010 379690
5	<p>Integrated Pollution Prevention And Control</p> <p>Name: Uniper Uk Limited Location: Cottam Cdc Power Station Epr/Np3033rd, Cottam Cdc Power Station, Outgang Lane, Cottam,, Retford, Nottinghamshire, DN22 0TF Authority: Environment Agency, Midlands Region Permit Reference: EP3103PK Original Permit Ref: Np3033rd Effective Date: 15th January 2020 Status: Superseded By Variation Application Type: Variation App. Sub Type: Standard Positional Accuracy: Located by supplier to within 10m Activity Code: 1.1 A(1) (A) Activity Description: Combustion; Any Fuel Greater Or Equal To 50Mw Primary Activity: Y</p>	C2SW (SW)	12	2	481010 379690

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	<p>Integrated Pollution Prevention And Control</p> <p>Name: Uniper Uk Limited Location: Cottam Cdc Power Station Epr/Np3033rd, Cottam Cdc Power Station, Outgang Lane,Cottam,, Retford, Nottinghamshire, DN22 0TF Authority: Environment Agency, Midlands Region Permit Reference: NP3939JA Original Permit Ref: Np3033rd Effective Date: 19th December 2017 Status: Superseded By Variation Application Type: Variation App. Sub Type: Simple Standard Variation Positional Accuracy: Located by supplier to within 10m Activity Code: 1.1 A(1) (A) Activity Description: Combustion; Any Fuel Greater Or Equal To 50Mw Primary Activity: Y</p>	C2SW (SW)	12	2	481010 379690
5	<p>Integrated Pollution Prevention And Control</p> <p>Name: Uniper Uk Limited Location: Cottam Cdc Power Station Epr/Np3033rd, Cottam Cdc Power Station, Outgang Lane,Cottam,, Retford, Nottinghamshire, DN22 0TF Authority: Environment Agency, Midlands Region Permit Reference: NP3033RD Original Permit Ref: Np3033rd Effective Date: 30th September 2015 Status: Superseded By Variation Application Type: Transfer App. Sub Type: Whole limited change in management Positional Accuracy: Located by supplier to within 10m Activity Code: 1.1 A(1) (A) Activity Description: Combustion; Any Fuel Greater Or Equal To 50Mw Primary Activity: Y</p>	C2SW (SW)	12	2	481010 379690
5	<p>Integrated Pollution Prevention And Control</p> <p>Name: Eon Plc Location: Cottam Cdc Power Station Epr/Lp3631sl, Cottam Cdc Power Station, Outgang Lane,Cottam,, Retford, Nottinghamshire, DN22 0TF Authority: Environment Agency, Midlands Region Permit Reference: LP3631SL Original Permit Ref: Lp3631sl Effective Date: 30th November 2006 Status: Superseded By Variation Application Type: Application App. Sub Type: New Positional Accuracy: Manually positioned to the address or location Activity Code: 1.1 A(1) (A) Activity Description: Combustion; Any Fuel Greater Or Equal To 50Mw Primary Activity: Y</p>	C2SW (SW)	15	2	481012 379698
	Nearest Surface Water Feature	C15NW (N)	0	-	481702 381847
6	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Miscellaneous Premises: Unknown Location: Millhouses Bridge, /Dore Station Sheaf 03 Authority: Environment Agency, North East Region Pollutant: Mud/Clay/Soil Note: Not Supplied Incident Date: 4th July 1994 Incident Reference: 152586 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	C12SW (E)	76	2	482200 380900
	<p>River Quality</p> <p>Name: Seymour Drain GQA Grade: River Quality C Reach: Rampton Stw To Conf. With R. Trent Estimated Distance (km): 6 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000</p>	C7NE (SE)	0	2	482026 380646

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	River Quality Name: Trent R GQA Grade: River Quality B Reach: Dunham Toll Bridge To A631 Gainsborough Estimated Distance (km): 22 Flow Rate: Flow greater than 80 cumecs Flow Type: River Year: 2000	C16SE (NE)	0	2	482621 381598
7	River Quality Chemistry Sampling Points Name: Seymour Drain Reach: Rampton Stw To Confluence With River Trent Estimated Distance: 6.00 Objective: Not Supplied Positional Accuracy: Located by supplier to within 10m Year: 1990 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 1993 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 1994 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 1995 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 1996 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1997 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1998 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1999 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2000 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2001 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2002 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2003 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2004 GQA Grade: River Quality Chemistry GQA Grade D - Fair Compliance: Not Supplied Year: 2005 GQA Grade: River Quality Chemistry GQA Grade D - Fair Compliance: Not Supplied Year: 2006 GQA Grade: River Quality Chemistry GQA Grade D - Fair Compliance: Not Supplied Year: 2007 GQA Grade: River Quality Chemistry GQA Grade D - Fair Compliance: Not Supplied Year: 2008 GQA Grade: River Quality Chemistry GQA Grade D - Fair Compliance: Not Supplied Year: 2009 GQA Grade: River Quality Chemistry GQA Grade D - Fair Compliance: Not Supplied	C7SE (SE)	0	2	481970 380370
8	Substantiated Pollution Incident Register Authority: Environment Agency - Midlands Region, East Area Incident Date: 23rd December 2004 Incident Reference: 284509 Water Impact: Category 3 - Minor Incident Air Impact: Category 4 - No Impact Land Impact: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 10m Pollutant: Specific Waste Materials: Electrical Equipment Pollutant: Specific Waste Materials: Prescription Only Medicines Pollutant: Specific Waste Materials: Tyres	C5NE (W)	248	2	480626 380735

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	<p>Water Abstractions</p> <p>Operator: Mr W Warburton Licence Number: 03/28/69/0186 Permit Version: 100 Location: Cottam - Mother Drain Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Cottam - Mother Drain Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 3rd December 2018 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	C15NE (NE)	0	2	482130 381950
10	<p>Water Abstractions</p> <p>Operator: P A Arden & Son Licence Number: 03/28/69/0260 Permit Version: 100 Location: Cottam - Seymour Drain Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Cottam - Seymour Drain Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 27th January 1997 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	C12SW (E)	83	2	482150 380880
11	<p>Water Abstractions</p> <p>Operator: J S Highfield And Sons Licence Number: 03/28/69/0188 Permit Version: 100 Location: Coates Farm, Cottam - Seymour Drain Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Coates Farm, Cottam - Seymour Drain Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 3rd December 2018 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	C12SW (E)	248	2	482150 381070
	<p>Groundwater Vulnerability Map</p> <p>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: >90% Patchiness: Superficial 3-10m Thickness: Superficial High Recharge:</p>	(E)	0	3	483000 380869

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: High	(S)	0	3	481000 379000
	Groundwater Vulnerability Map 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: <3m Superficial Recharge: High	(S)	0	3	481563 379000
	Groundwater Vulnerability Map 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: Medium	(S)	0	3	482000 379000
	Groundwater Vulnerability Map 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: 3-10m Superficial Recharge: Medium	C15NE (N)	0	3	482000 382000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Groundwater Vulnerability Map</p> <p>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: 3-10m Superficial Recharge: High</p>	(NE)	0	3	483000 382000
	<p>Groundwater Vulnerability Map</p> <p>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: 3-10m Superficial Recharge: High</p>	(NE)	0	3	483280 382000
	<p>Groundwater Vulnerability Map</p> <p>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: <3m Superficial Recharge: High</p>	C2NW (SW)	0	3	481000 380000
	<p>Groundwater Vulnerability Map</p> <p>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: 3-10m Superficial Recharge: High</p>	C3NW (S)	0	3	481563 380000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Groundwater Vulnerability Map</p> <p>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: Medium</p>	C3NE (SE)	0	3	482000 380000
	<p>Groundwater Vulnerability Map</p> <p>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: 3-10m Superficial Recharge: Medium</p>	C15NW (N)	0	3	481563 382000
	<p>Groundwater Vulnerability Map</p> <p>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: 3-10m Superficial Recharge: High</p>	C11SW (N)	0	3	481563 381000
	<p>Groundwater Vulnerability Map</p> <p>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: Medium</p>	C11SE (E)	0	3	482000 381000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: 3-10m</p> <p>Superficial Recharge: High</p>	C10SW (W)	0	3	481000 380869
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: 3-10m</p> <p>Superficial Recharge: High</p>	C11SW (SE)	0	3	481563 380869
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: 3-10m</p> <p>Superficial Recharge: Medium</p>	C11SE (E)	0	3	482000 380869
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: 3-10m</p> <p>Superficial Recharge: High</p>	(SE)	0	3	483000 380000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Groundwater Vulnerability Map</p> <p>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: 3-10m Superficial Recharge: High</p>	(E)	0	3	483000 381000
	<p>Groundwater Vulnerability Map</p> <p>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: 3-10m Superficial Recharge: Medium</p>	(SE)	0	3	483000 379000
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: >90% Superficial Thickness: 3-10m Superficial Recharge: High</p>	(NE)	0	3	483635 382591
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: >90% Superficial Thickness: 3-10m Superficial Recharge: High</p>	(NE)	0	3	483160 382000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: >90% Superficial Thickness: 3-10m Superficial Recharge: High	(E)	0	3	483346 380436
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: >90% Superficial Thickness: 3-10m Superficial Recharge: High	(NE)	0	3	483210 381701
	Groundwater Vulnerability - Soluble Rock Risk None				
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B	C3NW (S)	0	3	481563 380000
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B	C11SW (SE)	0	3	481563 380869
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	C3NW (S)	0	3	481563 380000
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	C11SW (SE)	0	3	481563 380869
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	C11SW (SE)	0	2	481563 380869
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models and Fluvial Events Boundary Accuracy: As Supplied	C16SE (NE)	0	2	482588 381590
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	C11SW (SE)	0	2	481563 380869
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	C10NE (N)	0	2	481448 381226
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences Type: Flood Defences Reference: Not Supplied	C16SE (NE)	0	2	482586 381577

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
12	OS Water Network Lines Watercourse Form: Tidal river Watercourse Length: 1176.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Trent Catchment Name: Trent Primacy: 1	C16SE (NE)	0	4	482613 381640
13	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 220.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C16NE (NE)	0	4	482737 382021
14	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 394.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C16NE (NE)	0	4	482741 382132
15	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 71.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C16NE (NE)	0	4	482741 382132
16	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 752.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Seymour Drain Catchment Name: Trent Primacy: 1	C7SE (SE)	0	4	481960 380362
17	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 273.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C2NE (S)	0	4	481439 380016
18	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 198.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C2NE (S)	0	4	481270 380119
19	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C2NE (S)	0	4	481440 380021
20	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 16.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C2NE (S)	0	4	481440 380038

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
21	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 850.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C6NE (W)	0	4	481430 380817
22	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 87.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C7SE (SE)	0	4	482010 380362
23	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.4 Watercourse Level: Underground Permanent: True Watercourse Name: Seymour Drain Catchment Name: Trent Primacy: 1	C7SE (SE)	0	4	481962 380370
24	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C7SE (SE)	0	4	482098 380365
25	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 144.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C7SE (SE)	0	4	482104 380364
26	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C8SW (SE)	0	4	482249 380368
27	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 103.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C8SW (SE)	0	4	482254 380369
28	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 567.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Seymour Drain Catchment Name: Trent Primacy: 1	C7NE (E)	0	4	482075 380743
29	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C8SW (SE)	0	4	482357 380371

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
30	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 665.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C7NE (SE)	0	4	482034 380553
31	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 542.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C7NE (E)	0	4	482111 380715
32	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C6NE (W)	0	4	481260 380753
33	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 181.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C6NE (W)	0	4	481430 380817
34	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 435.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C7NW (S)	0	4	481558 380812
35	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C7NW (SW)	0	4	481518 380815
36	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 76.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C7NW (SW)	0	4	481506 380816
37	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 459.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C12SW (E)	0	4	482178 380871
38	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 792.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Seymour Drain Catchment Name: Trent Primacy: 1	C12SW (E)	0	4	482151 381073

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
39	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 275.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C10NE (N)	0	4	481444 381352
40	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C15SW (N)	0	4	481461 381617
41	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 279.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C15SW (N)	0	4	481460 381618
42	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 223.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C16SW (NE)	0	4	482260 381667
43	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 252.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C15NW (N)	0	4	481694 381847
44	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C15NW (N)	0	4	481792 381849
45	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 78.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C15NE (N)	0	4	481800 381852
46	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 258.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C15NE (N)	0	4	481878 381854
47	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C15NE (N)	0	4	481878 381854

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
48	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 190.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Mother Drain Catchment Name: Trent Primacy: 1	C16NW (NE)	0	4	482146 381860
49	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 324.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C15NE (N)	0	4	481878 381861
50	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C15NW (N)	0	4	481544 381885
51	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C15NW (N)	0	4	481546 381890
52	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 156.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C15NW (N)	0	4	481548 381893
53	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 198.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C14NE (N)	0	4	481380 381975
54	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 82.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C14NE (N)	0	4	481422 381982
55	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.1 Watercourse Level: Underground Permanent: True Watercourse Name: Mother Drain Catchment Name: Trent Primacy: 1	C15NE (NE)	0	4	482114 382047
56	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 146.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Mother Drain Catchment Name: Trent Primacy: 1	C15NE (NE)	0	4	482113 382052

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
57	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 329.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C6NE (W)	0	4	481228 380748
58	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 600.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C10SE (W)	0	4	481220 380865
59	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 13.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C14NE (N)	0	4	481238 381998
60	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C14NE (N)	0	4	481390 382057
61	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 127.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C14NE (N)	0	4	481386 382062
62	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 225.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C14NE (N)	0	4	481229 382007
63	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 130.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C1NE (SW)	0	4	480766 379871
64	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 521.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C6SW (SW)	0	4	481049 380220
65	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 670.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C1NE (SW)	0	4	480766 379871

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
66	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 529.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C5SE (SW)	0	4	480685 380386
67	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 228.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C6SE (SW)	0	4	481160 380184
68	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 38.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C2NE (S)	0	4	481270 380119
69	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C6SW (SW)	0	4	481051 380221
70	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 116.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C6SW (SW)	0	4	481011 380260
71	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 18.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C6SW (SW)	0	4	481069 380223
72	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 14.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C6SW (SW)	0	4	480961 380296
73	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C6SW (SW)	0	4	480963 380299
74	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 15.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C6SW (SW)	0	4	480970 380313

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
75	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 111.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C6SW (SW)	0	4	481074 380330
76	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 539.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C5SE (SW)	0	4	480685 380386
77	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 52.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C5SE (SW)	0	4	480677 380437
78	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 28.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C6NE (W)	0	4	481256 380752
79	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 367.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C8SW (SE)	0	4	482365 380371
80	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 168.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Carr Drain Catchment Name: Trent Primacy: 1	C12SE (E)	0	4	482605 381059
81	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.6 Watercourse Level: Underground Permanent: True Watercourse Name: Carr Drain Catchment Name: Trent Primacy: 1	C12SE (E)	0	4	482636 380899
82	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Carr Drain Catchment Name: Trent Primacy: 1	C12SE (E)	0	4	482637 380895
83	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 154.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Carr Drain Catchment Name: Trent Primacy: 1	C12SE (E)	0	4	482637 380891

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
84	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C8NE (E)	0	4	482652 380739
85	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C8NE (E)	0	4	482658 380739
86	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 168.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Carr Drain Catchment Name: Trent Primacy: 1	C8NE (E)	0	4	482666 380740
87	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 192.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Carr Drain Catchment Name: Trent Primacy: 1	C8NE (E)	0	4	482699 380575
88	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C8SE (SE)	0	4	482724 380388
89	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C8SE (E)	0	4	482730 380388
90	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 341.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Carr Drain Catchment Name: Trent Primacy: 1	C8SE (E)	0	4	482735 380386
91	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 226.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C7NE (E)	11	4	481952 380798
92	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 306.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Carr Drain Catchment Name: Trent Primacy: 1	C12NW (NE)	11	4	482456 381332

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
93	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 124.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C12SE (E)	11	4	482480 381061
94	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 126.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C14NW (NW)	27	4	481014 381907
95	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 107.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C14NW (NW)	27	4	481018 382026
96	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C5SE (SW)	29	4	480675 380445
97	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 164.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C5NE (W)	35	4	480652 380605
98	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C14NW (NW)	37	4	481007 381905
99	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 206.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C14SW (NW)	43	4	480971 381709
100	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C6NW (W)	51	4	480901 380780
101	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C10SW (NW)	54	4	480983 381143

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
102	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 63.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C10SW (NW)	56	4	480980 381139
103	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 181.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 2	C14SW (NW)	56	4	480976 381523
104	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 257.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C6NW (W)	59	4	480892 380781
105	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 216.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C10NW (NW)	63	4	480977 381307
106	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 260.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C14SW (NW)	65	4	480976 381523
107	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 188.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Seymour Drain Catchment Name: Trent Primacy: 1	C12SW (E)	70	4	482149 380866
108	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 320.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C12SW (E)	71	4	482160 381051
109	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 2	C14SW (NW)	72	4	480971 381700
110	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 2	C14SW (NW)	72	4	480971 381707

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
111	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 270.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C14SW (NW)	72	4	480971 381709
112	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 57.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C2SE (S)	93	4	481281 379754
113	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C2SE (S)	108	4	481282 379756
114	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 14.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C14NW (NW)	121	4	480931 382084
115	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 110.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C14NW (NW)	134	4	480920 382095
116	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C5NE (W)	151	4	480652 380605
117	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 175.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C5NE (W)	151	4	480635 380778
118	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 682.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Carr Drain Catchment Name: Trent Primacy: 1	C4NE (SE)	152	4	482799 380051
119	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 177.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C5NE (W)	153	4	480649 380605

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
120	OS Water Network Lines Watercourse Form: Tidal river Watercourse Length: 205.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Trent Catchment Name: Trent Primacy: 1	C16SE (NE)	178	4	482660 381590
121	OS Water Network Lines Watercourse Form: Tidal river Watercourse Length: 30.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Carr Drain Catchment Name: Trent Primacy: 1	C16SE (NE)	178	4	482648 381563
122	OS Water Network Lines Watercourse Form: Tidal river Watercourse Length: 27.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Carr Drain Catchment Name: Trent Primacy: 2	C16SE (NE)	178	4	482640 381571
123	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 380.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C4NW (SE)	184	4	482421 380026
124	OS Water Network Lines Watercourse Form: Foreshore Watercourse Length: 21.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Carr Drain Catchment Name: Trent Primacy: 2	C16SE (NE)	197	4	482622 381559
125	OS Water Network Lines Watercourse Form: Foreshore Watercourse Length: 30.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Carr Drain Catchment Name: Trent Primacy: 1	C16SE (NE)	205	4	482634 381536
126	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 65.0 Watercourse Level: Underground Permanent: True Watercourse Name: Carr Drain Catchment Name: Trent Primacy: 2	C16SE (NE)	208	4	482577 381512
127	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 65.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Carr Drain Catchment Name: Trent Primacy: 1	C12NE (NE)	231	4	482652 381473
128	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Seymour Drain Catchment Name: Trent Primacy: 1	C12SW (E)	233	4	482149 381052

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
129	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 17.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Seymour Drain Catchment Name: Trent Primacy: 1	C12SW (E)	236	4	482149 381056
130	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C14NW (NW)	236	4	480812 382076
131	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C14NW (NW)	242	4	480805 382076
132	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C14NW (NW)	249	4	480798 382077
133	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 408.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 2	C12SW (E)	250	4	482151 381073

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
134	Historical Landfill Sites Licence Holder: Powergen Plc Location: Cottam, Retford Name: Cottam Power Station Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD22078 First Input Date: 31st December 1960 Last Input Date: Not Supplied Specified Waste: Deposited Waste included Industrial Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 3000/0066 BGS Ref: Not Supplied Other Ref: 1/77/45/87NW	C4NW (SE)	174	2	482163 379988
135	Licensed Waste Management Facilities (Landfill Boundaries) Name: Cottam Ash Disposal Site Licence Number: 0 Location: Cottam Power Station, Outgang Lane, Cottam, Retford, Nottinghamshire, DN22 0EU Licence Holder: Edf Energy (Cottam Power) Ltd Authority: Environment Agency - Midlands Region, East Area Site Category: Waste Landfilling; >10 T/D with Capacity >25,000T Excluding Inert Waste Max Input Rate: Not Supplied Licence Status: Effective Issued: 22nd January 2016 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	C3NE (SE)	0	2	482067 380010
136	Licensed Waste Management Facilities (Landfill Boundaries) Name: Cottam Power Station Licence Number: 43565 Location: Cottam Power Station, P O Box 4, Retford, Nottinghamshire, DN22 0ET Licence Holder: Cottam Power Limited Authority: Environment Agency - Midlands Region, Lower Trent Area Site Category: Landfills Taking Non-biodegradable Wastes (Not Construction) Max Input Rate: Not Supplied Licence Status: Inactive Issued: 20th December 2002 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	C3NE (SE)	0	2	482067 380006
137	Licensed Waste Management Facilities (Landfill Boundaries) Name: Cottam Power Station Licence Number: 43107 Location: Cottam Power Station, Retford, Nottinghamshire, DN22 0ET Licence Holder: Cottam Power Limited Authority: Environment Agency - Midlands Region, East Area Site Category: Lagoons Max Input Rate: Not Supplied Licence Status: IPPC Issued: 1st March 1996 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	C3NE (SE)	0	2	482067 380009
	Local Authority Landfill Coverage Name: Bassetlaw District Council - Has no landfill data to supply		0	5	481563 380869
	Local Authority Landfill Coverage Name: West Lindsey District Council - Has no landfill data to supply		0	6	482637 381616
	Local Authority Landfill Coverage Name: Nottinghamshire County Council - Has no landfill data to supply		0	8	481563 380869
	Local Authority Landfill Coverage Name: Lincolnshire County Council - Had landfill data but passed it to the relevant environment agency		0	7	482637 381616

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Triassic Rocks (Undifferentiated)	C11SW (SE)	0	1	481563 380869
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C2NW (SW)	0	1	481102 380000
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C6NE (SW)	0	1	481348 380569
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C11SW (SE)	0	1	481563 380869
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C3NW (S)	0	1	481563 380000
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C1NE (SW)	0	1	480643 380000
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C10SE (W)	0	1	481370 380878
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C10SE (NW)	0	1	481331 381100
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C3NE (SE)	0	1	481954 380000
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C2NE (S)	0	1	481428 380000
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C10SE (W)	0	1	481427 380856
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C5SE (SW)	0	1	480657 380425
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C2NE (SW)	0	1	481137 380120
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	C2NE (S)	0	1	481428 380000
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	C3NE (SE)	0	1	481954 380000
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	C10SE (W)	0	1	481427 380856
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	C5SE (SW)	0	1	480657 380425
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	C2NE (SW)	0	1	481137 380120
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C6NE (SW)	0	1	481348 380569

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C11SW (SE)	0	1	481563 380869
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C10SE (W)	0	1	481370 380878
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C10SE (NW)	0	1	481331 381100
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C3NW (S)	0	1	481563 380000
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C2NW (SW)	0	1	481102 380000
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C1NE (SW)	0	1	480643 380000
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C11SW (SE)	0	1	481563 380869
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C3NW (S)	0	1	481563 380000
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C11SW (SE)	0	1	481563 380869
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C3NW (S)	0	1	481563 380000
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C6NE (SW)	0	1	481348 380569
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C11SW (SE)	0	1	481563 380869
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C3NW (S)	0	1	481563 380000
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C2NW (SW)	0	1	481102 380000
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C1NE (SW)	0	1	480643 380000
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C10SE (NW)	0	1	481331 381100
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C10SE (W)	0	1	481370 380878
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	C10SE (W)	0	1	481427 380856
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	C5SE (SW)	0	1	480657 380425
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	C2NE (SW)	0	1	481137 380120
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	C3NE (SE)	0	1	481954 380000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	C2NE (S)	0	1	481428 380000
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C2NE (S)	0	1	481428 380000
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C2SW (S)	0	1	481098 379495
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C1SE (SW)	0	1	480719 379505
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C2SW (SW)	0	1	481019 379574
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C10SE (NW)	0	1	481331 381100
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C10SE (W)	0	1	481370 380878
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C11SW (SE)	0	1	481563 380869
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C3NW (S)	0	1	481563 380000
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C6NE (SW)	0	1	481348 380569
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C2NW (SW)	0	1	481102 380000
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C2NE (S)	0	1	481402 380000
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C10SE (W)	0	1	481427 380856
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C5SE (SW)	0	1	480657 380425
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C2NE (SW)	0	1	481137 380120
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	C11SW (SE)	0	1	481563 380869
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	C3NW (S)	0	1	481563 380001
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	C11SW (SE)	0	1	481563 380869
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	C3NW (S)	0	1	481563 380001

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
138	<p>Contemporary Trade Directory Entries</p> <p>Name: J S Highfield Ltd Location: Coates Farm, Coates, Retford, Nottinghamshire, DN22 0HA Classification: Freight Forwarders Status: Active Positional Accuracy: Automatically positioned to the address</p>	C11NE (NE)	90	-	481968 381354
139	<p>Contemporary Trade Directory Entries</p> <p>Name: J S Highfield Ltd Location: Coates Farm, Coates, Retford, Nottinghamshire, DN22 0HA Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	C11NE (NE)	178	-	482059 381336

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
140	Nitrate Vulnerable Zones Name: R Trent From Carlton-On-Trent To Laughton Drain Nvz Description: Surface Water Source: Environment Agency, Head Office	C8SE (SE)	0	3	482532 380373
141	Nitrate Vulnerable Zones Name: Marton Drain Catchment (Trib Of R Trent) Nvz Description: Surface Water Source: Environment Agency, Head Office	(E)	0	3	483301 380439
142	Nitrate Vulnerable Zones Name: Seymour Drain Catchment (Trib Of River Trent) Nvz Description: Surface Water Source: Environment Agency, Head Office	C11SW (SE)	0	3	481563 380869

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Bassetlaw District Council - Environmental Health Department Environment Agency - Head Office West Lindsey District Council - Environmental Health Department	January 2020 June 2020 September 2017	Annual Rolling Update Annually Annual Rolling Update
Discharge Consents Environment Agency - Midlands Region	July 2021	Quarterly
Enforcement and Prohibition Notices Environment Agency - Anglian Region Environment Agency - Midlands Region	March 2013 March 2013	
Integrated Pollution Controls Environment Agency - Anglian Region Environment Agency - Midlands Region	January 2009 January 2009	
Integrated Pollution Prevention And Control Environment Agency - Anglian Region Environment Agency - Midlands Region	July 2021 July 2021	Quarterly Quarterly
Local Authority Integrated Pollution Prevention And Control Bassetlaw District Council - Environmental Health Department West Lindsey District Council - Environmental Health Department	August 2014 November 2014	Variable Variable
Local Authority Pollution Prevention and Controls Bassetlaw District Council - Environmental Health Department West Lindsey District Council - Environmental Health Department	August 2014 November 2014	Not Applicable Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Bassetlaw District Council - Environmental Health Department West Lindsey District Council - Environmental Health Department	August 2014 November 2014	Variable Variable
Nearest Surface Water Feature Ordnance Survey	August 2021	
Pollution Incidents to Controlled Waters Environment Agency - North East Region Environment Agency - Midlands Region	December 1998 December 1999	
Prosecutions Relating to Authorised Processes Environment Agency - Anglian Region Environment Agency - Midlands Region	July 2015 July 2015	
Prosecutions Relating to Controlled Waters Environment Agency - Anglian Region Environment Agency - Midlands Region	March 2013 March 2013	
Registered Radioactive Substances Environment Agency - Anglian Region Environment Agency - Midlands Region	June 2016 June 2016	Annually Annually
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	April 2012	Annually
River Quality Chemistry Sampling Points Environment Agency - Head Office	April 2012	Annually
Substantiated Pollution Incident Register Environment Agency - Anglian Region - Northern Area Environment Agency - Midlands Region - East Area Environment Agency - Midlands Region - Lower Trent Area	July 2021 July 2021 July 2021	Quarterly Quarterly Quarterly
Water Abstractions Environment Agency - Midlands Region	July 2021	Quarterly

Agency & Hydrological	Version	Update Cycle
Water Industry Act Referrals Environment Agency - Anglian Region Environment Agency - Midlands Region	October 2017 October 2017	Quarterly Quarterly
Groundwater Vulnerability Map Environment Agency - Head Office	June 2018	As notified
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Superficial Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Source Protection Zones Environment Agency - Head Office	May 2021	Bi-Annually
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	September 2021	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	September 2021	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	September 2021	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	September 2021	Quarterly
Flood Defences Environment Agency - Head Office	September 2021	Quarterly
OS Water Network Lines Ordnance Survey	July 2021	Quarterly
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	Annually

Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	November 2002	Not Applicable
Historical Landfill Sites Environment Agency - Head Office	May 2021	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - Anglian Region Environment Agency - Midlands Region	January 2009 January 2009	Not Applicable Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - Anglian Region - Northern Area Environment Agency - Midlands Region - East Area Environment Agency - Midlands Region - Lower Trent Area	July 2021 July 2021 July 2021	Quarterly Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - Anglian Region - Northern Area Environment Agency - Midlands Region - East Area Environment Agency - Midlands Region - Lower Trent Area	July 2021 July 2021 July 2021	Quarterly Quarterly Quarterly
Local Authority Landfill Coverage Bassetlaw District Council - Environmental Health Department Lincolnshire County Council Nottinghamshire County Council - Environment Department West Lindsey District Council - Environmental Health Department	February 2003 February 2003 February 2003 February 2003	Not Applicable Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Bassetlaw District Council - Environmental Health Department Lincolnshire County Council Nottinghamshire County Council - Environment Department West Lindsey District Council - Environmental Health Department	October 2018 October 2018 October 2018 October 2018	
Registered Landfill Sites Environment Agency - Anglian Region - Northern Area Environment Agency - Midlands Region - East Area Environment Agency - Midlands Region - Lower Trent Area	March 2006 March 2006 March 2006	Not Applicable Not Applicable Not Applicable
Registered Waste Transfer Sites Environment Agency - Anglian Region - Northern Area Environment Agency - Midlands Region - East Area Environment Agency - Midlands Region - Lower Trent Area	April 2018 April 2018 April 2018	
Registered Waste Treatment or Disposal Sites Environment Agency - Anglian Region - Northern Area Environment Agency - Midlands Region - East Area Environment Agency - Midlands Region - Lower Trent Area	June 2015 June 2015 June 2015	

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	April 2018	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements Bassetlaw District Council - Environmental Health Department Nottinghamshire County Council Lincolnshire County Council - Highways and Planning Department West Lindsey District Council	April 2015 August 2007 August 2010 February 2016	Variable Variable Variable Variable
Planning Hazardous Substance Consents Bassetlaw District Council - Environmental Health Department Lincolnshire County Council - Highways and Planning Department Nottinghamshire County Council West Lindsey District Council	April 2015 August 2007 August 2007 February 2016	Variable Variable Variable Variable
Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	May 2021	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	As notified
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	Annually

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	July 2021	Quarterly
Fuel Station Entries Catalist Ltd - Experian	August 2021	Quarterly
Gas Pipelines National Grid	October 2021	Annually
Underground Electrical Cables National Grid	May 2021	Annually
Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	February 2021	Bi-Annually
Areas of Adopted Green Belt Bassetlaw District Council West Lindsey District Council	October 2020 October 2020	Quarterly Quarterly
Areas of Unadopted Green Belt Bassetlaw District Council West Lindsey District Council	October 2020 October 2020	Quarterly Quarterly
Areas of Outstanding Natural Beauty Natural England	January 2021	Bi-Annually
Environmentally Sensitive Areas Natural England	January 2017	
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	February 2021	Bi-Annually
Marine Nature Reserves Natural England	July 2019	Bi-Annually
National Nature Reserves Natural England	January 2021	Bi-Annually
National Parks Natural England	February 2018	Bi-Annually
Nitrate Sensitive Areas Natural England	April 2016	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Environment Agency - Head Office	April 2016 June 2017	Bi-Annually
Ramsar Sites Natural England	August 2020	Bi-Annually
Sites of Special Scientific Interest Natural England	February 2021	Bi-Annually
Special Areas of Conservation Natural England	July 2020	Bi-Annually
Special Protection Areas 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	 British Geological Survey <small>NATURAL ENVIRONMENT RESEARCH COUNCIL</small>
Centre for Ecology and Hydrology	 Centre for Ecology & Hydrology <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	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: [REDACTED]
2	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
4	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
5	Bassetlaw District Council - Environmental Health Department Queens Buildings, Potter Street, Worksop, Nottinghamshire, S80 2AH	Telephone: 01909 533533 Fax: 01909 731111 Website: www.bassetlaw.gov.uk
6	West Lindsey District Council - Environmental Health Department The Guildhall, Caskgate Street, Gainsborough, Lincolnshire, DN21 2DH	Telephone: 01427 676676 Fax: 01427 810623 Website: www.west-lindsey.gov.uk
7	Lincolnshire County Council 4th Floor, City Hall, Lincoln, Lincolnshire, LN1 1DN	Telephone: 01522 552222 Fax: 01522 552288 Email: PublicRelations@lincolnshire.gov.uk Website: www.lincolnshire.gov.uk
8	Nottinghamshire County Council - Environment Department 5th Floor, Trentbridge House, Fox Road, Nottingham, Nottinghamshire, NG2 6BJ	Telephone: 0115 977 4383 Website: www.nottinghamshire.gov.uk
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: [REDACTED]
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: [REDACTED]

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

Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

286968913_1_1

Customer Reference:

60664324

National Grid Reference:

483850, 381060

Slice:

D

Site Area (Ha):

1658.81

Search Buffer (m):

250

Site Details:

Marton
GAINSBOROUGH
Lincolnshire
DN21 5AA

Client Details:

Mr D Abberley
AECOM Ltd
Colmore Plaza
Colmore Circus
Queensway
Birmingham
B4 6AT

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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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Data Type	Page Number	On Site	0 to 250m (*up to 500m)
Agency & Hydrological			
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes
Contaminated Land Register Entries and Notices			
Discharge Consents	pg 7	8	1
Prosecutions Relating to Controlled Waters			n/a
Enforcement and Prohibition Notices			
Integrated Pollution Controls			
Integrated Pollution Prevention And Control			
Local Authority Integrated Pollution Prevention And Control			
Local Authority Pollution Prevention and Controls	pg 9		3
Local Authority Pollution Prevention and Control Enforcements			
Nearest Surface Water Feature	pg 10	Yes	
Pollution Incidents to Controlled Waters	pg 10	1	
Prosecutions Relating to Authorised Processes			
Registered Radioactive Substances			
River Quality	pg 10	2	
River Quality Biology Sampling Points			
River Quality Chemistry Sampling Points			
Substantiated Pollution Incident Register			
Water Abstractions	pg 10	11	9 (*14)
Water Industry Act Referrals			
Groundwater Vulnerability Map	pg 19	Yes	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a
Bedrock Aquifer Designations	pg 28	Yes	n/a
Superficial Aquifer Designations	pg 28	Yes	n/a
Source Protection Zones			
Extreme Flooding from Rivers or Sea without Defences	pg 28	Yes	Yes
Flooding from Rivers or Sea without Defences	pg 29	Yes	Yes
Areas Benefiting from Flood Defences			
Flood Water Storage Areas			
Flood Defences	pg 30	Yes	
OS Water Network Lines	pg 30	56	32

Data Type	Page Number	On Site	0 to 250m (*up to 500m)
Waste			
BGS Recorded Landfill Sites			
Historical Landfill Sites	pg 41		1
Integrated Pollution Control Registered Waste Sites			
Licensed Waste Management Facilities (Landfill Boundaries)	pg 41	4	
Licensed Waste Management Facilities (Locations)			
Local Authority Landfill Coverage	pg 41	4	n/a
Local Authority Recorded Landfill Sites			
Registered Landfill Sites	pg 42		1
Registered Waste Transfer Sites			
Registered Waste Treatment or Disposal Sites			
Hazardous Substances			
Control of Major Accident Hazards Sites (COMAH)			
Explosive Sites			
Notification of Installations Handling Hazardous Substances (NIHHS)			
Planning Hazardous Substance Consents			
Planning Hazardous Substance Enforcements			
Geological			
BGS 1:625,000 Solid Geology	pg 43	Yes	n/a
BGS Recorded Mineral Sites	pg 43	1	
CBSCB Compensation District			n/a
Coal Mining Affected Areas			n/a
Mining Instability			n/a
Man-Made Mining Cavities			
Natural Cavities			
Non Coal Mining Areas of Great Britain			
Potential for Collapsible Ground Stability Hazards	pg 43	Yes	Yes
Potential for Compressible Ground Stability Hazards	pg 43	Yes	Yes
Potential for Ground Dissolution Stability Hazards			
Potential for Landslide Ground Stability Hazards	pg 44	Yes	Yes
Potential for Running Sand Ground Stability Hazards	pg 44	Yes	Yes
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 45	Yes	
Radon Potential - Radon Affected Areas			n/a
Radon Potential - Radon Protection Measures			n/a

Data Type	Page Number	On Site	0 to 250m (*up to 500m)
Industrial Land Use			
Contemporary Trade Directory Entries	pg 47		5
Fuel Station Entries			
Gas Pipelines			
Underground Electrical Cables			
Sensitive Land Use			
Ancient Woodland			
Areas of Adopted Green Belt			
Areas of Unadopted Green Belt			
Areas of Outstanding Natural Beauty			
Environmentally Sensitive Areas			
Forest Parks			
Local Nature Reserves			
Marine Nature Reserves			
National Nature Reserves			
National Parks			
Nitrate Sensitive Areas			
Nitrate Vulnerable Zones	pg 48	4	
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
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D13NE (NW)	0	1	483350 381950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D15NW (NE)	0	1	484300 381950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	D15SW (NE)	0	1	484350 381600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	D15NE (NE)	0	1	484550 381850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	D15NE (NE)	0	1	484550 381900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	D12NW (E)	0	1	485000 381350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	485100 382750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NE)	0	1	485750 382750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	0	1	483900 382600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	D11NW (NE)	0	1	484400 381500
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NE)	0	1	484500 382300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	0	1	482550 382350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NE)	0	1	484750 382400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D15SE (NE)	0	1	484650 381600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D15SE (NE)	0	1	484550 381750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D13SE (NW)	0	1	483150 381750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D15SE (NE)	0	1	484600 381650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D13SE (NW)	0	1	483200 381700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	D13SE (NW)	0	1	483400 381700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D15SW (NE)	0	1	484450 381700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	0	1	482250 382300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	0	1	482400 382300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	0	1	484400 382500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	0	1	482700 382450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D13NE (NW)	0	1	483150 382150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D15NE (NE)	0	1	484550 382150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	D15NE (NE)	0	1	484750 382150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	D15NW (N)	0	1	484250 382100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D15NE (NE)	0	1	484600 382150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	0	1	482450 382450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NE)	0	1	485650 382050
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NE)	0	1	485000 382650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	0	1	482400 381900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	D15NE (NE)	0	1	484500 381900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	0	1	482350 382250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D14SW (NW)	0	1	483600 381600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(NE)	0	1	484950 382850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(NE)	0	1	485050 382750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	0	1	483300 382400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	484600 382400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D15NE (NE)	0	1	484650 382050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	0	1	482550 382200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	0	1	483300 382200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	0	1	482800 381600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D14SW (NW)	0	1	483500 381600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	D5NE (SW)	0	1	483400 380600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NE)	0	1	485650 381900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	0	1	482750 380000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	0	1	482450 378850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	D11NW (E)	0	1	484400 381200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	D6NW (S)	0	1	483800 380800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	1	483500 379250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	0	1	482950 379300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D9SE (W)	0	1	483400 380900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D10SE (SE)	0	1	483950 380900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D6NW (SW)	0	1	483550 380800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	D5SE (SW)	0	1	483350 380450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	1	483500 379450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D5NW (SW)	0	1	482850 380500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D1SE (S)	0	1	483450 379500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	1	483650 379450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D5NE (SW)	0	1	483450 380700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D5NE (SW)	0	1	483400 380700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D10SW (W)	0	1	483550 381100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	D6NW (SW)	0	1	483650 380750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SW)	0	1	482450 378900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	D16NW (NE)	0	1	485000 382150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D1NE (SW)	0	1	483150 379900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(S)	0	1	483150 379000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	1	483350 379000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	D6NW (SW)	0	1	483500 380750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	D6NW (SW)	0	1	483600 380750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D10SW (SW)	0	1	483800 381000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D1SE (SW)	0	1	483200 379800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D5NE (SW)	0	1	483350 380600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D2NE (S)	0	1	483848 380000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	0	1	482400 378800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D1SE (S)	0	1	483300 379700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D10SW (SW)	0	1	483650 380850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D1NW (SW)	0	1	483100 380150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D1SE (SW)	0	1	483250 379750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D10SW (S)	0	1	483800 380900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	D10SE (NW)	0	1	483848 381065
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	D2NE (S)	0	1	483850 380000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	D12NE (E)	0	1	485200 381350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D9SE (W)	0	1	483200 381065
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	0	1	482500 381800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	0	1	484500 382700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	0	1	482300 382350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	4	1	483850 382600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	15	1	482550 381700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(N)	16	1	483800 382600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	18	1	484150 382200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D9SE (W)	19	1	483250 381150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	21	1	482350 379000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NE)	24	1	485050 382250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NE)	30	1	485450 382650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	32	1	485050 382200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NE)	38	1	485150 382500
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	D12SW (E)	39	1	485000 381065
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	46	1	482500 379050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	47	1	483900 382800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	D2NE (S)	48	1	483850 380050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D2NE (S)	50	1	483900 380050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	55	1	483700 379300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D9NE (W)	65	1	483300 381200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	65	1	485200 382500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	69	1	485300 382550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D11SW (E)	70	1	484300 381065
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	73	1	483300 379350

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D1SW (SW)	78	1	483050 379650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NE)	80	1	485100 382300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	D1NE (SW)	83	1	483400 380000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	D2NW (S)	86	1	483550 380000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D2NW (S)	89	1	483700 380000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D2SW (S)	93	1	483700 379600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	94	1	483250 379400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D1NW (SW)	101	1	482900 380000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D2NW (S)	104	1	483500 379950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	113	1	483250 382600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D13SW (NW)	121	1	482900 381600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	123	1	483600 382650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D9NE (NW)	125	1	483300 381400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	133	1	485350 382450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	D1NE (S)	134	1	483450 379950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	D2NW (S)	140	1	483650 379950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D1SW (SW)	156	1	482950 379650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D1SW (SW)	169	1	483050 379500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	176	1	485250 382400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	D11SW (E)	179	1	484400 381050
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	D16NE (NE)	180	1	485250 382050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D10NW (NW)	182	1	483550 381400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D9NW (W)	196	1	482850 381300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	198	1	485400 382450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D11SW (E)	200	1	484400 381000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	200	1	483150 379350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	201	1	483650 382750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	213	1	483200 382700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	223	1	485250 382200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	D12SE (E)	236	1	485250 381100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	245	1	485400 382350
1	Discharge Consents Operator: Severn Trent Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Marton Stw Nr 63 High Street, Marton, Gainsborough, Lincolnshire Authority: Environment Agency, Midlands Region Catchment Area: Trent Catchment : Trent To Confluence With Idle Reference: T/69/45820/R Permit Version: 4 Effective Date: 31st March 2010 Issued Date: 31st March 2010 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Trib Of Marton Drain Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	D10NE (NE)	0	2	484020 381470
1	Discharge Consents Operator: Severn Trent Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Marton Stw Nr 63 High Street, Marton, Gainsborough, Lincolnshire Authority: Environment Agency, Midlands Region Catchment Area: Trent Catchment : Trent To Confluence With Idle Reference: T/69/45820/R Permit Version: 3 Effective Date: 1st January 2010 Issued Date: 14th October 2008 Revocation Date: 30th March 2010 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Trib Of Marton Drain Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	D10NE (NE)	0	2	484020 381470

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	<p>Discharge Consents</p> <p>Operator: Severn Trent Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Marton Stw Nr 63 High Street, Marton, Gainsborough, Lincolnshire Authority: Environment Agency, Midlands Region Catchment Area: Trent Catchment : Trent To Confluence With Idle Reference: T/69/45820/R Permit Version: 1 Effective Date: 2nd August 2004 Issued Date: 2nd August 2004 Revocation Date: 30th March 2005 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Of Marton Drain Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	D10NE (NE)	0	2	484020 381470
1	<p>Discharge Consents</p> <p>Operator: Severn Trent Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Marton Stw Nr 63 High Street, Marton, Gainsborough, Lincolnshire Authority: Environment Agency, Midlands Region Catchment Area: Trent Catchment : Trent To Confluence With Idle Reference: T/69/45820/R Permit Version: 2 Effective Date: 31st March 2005 Issued Date: 2nd August 2004 Revocation Date: 31st December 2009 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Of Marton Drain Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	D10NE (NE)	0	2	484020 381470
1	<p>Discharge Consents</p> <p>Operator: Severn Trent Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Marton Stw Nr 63 High Street, Marton, Gainsborough, Lincolnshire Authority: Environment Agency, Midlands Region Catchment Area: Trent Catchment : Trent To Confluence With Idle Reference: T/69/07872/R Permit Version: 2 Effective Date: 31st March 2002 Issued Date: 27th March 2002 Revocation Date: 1st August 2004 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Of Marton Drain Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m</p>	D10NE (NE)	0	2	484020 381460
1	<p>Discharge Consents</p> <p>Operator: Severn Trent Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Marton Stw Nr 63 High Street, Marton, Gainsborough, Lincolnshire Authority: Environment Agency, Midlands Region Catchment Area: Trent Catchment : Trent To Confluence With Idle Reference: T/69/07872/R Permit Version: 1 Effective Date: 15th November 1979 Issued Date: 15th November 1979 Revocation Date: 30th March 2002 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Of Marton Drain Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m</p>	D10NE (NE)	0	2	484020 381460

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	<p>Discharge Consents</p> <p>Operator: Severn Trent Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Marton Stw Nr 63 High Street, Marton, Gainsborough, Lincolnshire Authority: Environment Agency, Midlands Region Catchment Area: Trent Catchment : Trent To Confluence With Idle Reference: T/69/07872/R Permit Version: 2 Effective Date: 31st March 2002 Issued Date: 27th March 2002 Revocation Date: 1st August 2004 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Of Marton Drain Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m</p>	D11NW (NE)	0	2	484170 381410
2	<p>Discharge Consents</p> <p>Operator: Severn Trent Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Marton Stw Nr 63 High Street, Marton, Gainsborough, Lincolnshire Authority: Environment Agency, Midlands Region Catchment Area: Trent Catchment : Trent To Confluence With Idle Reference: T/69/07872/R Permit Version: 1 Effective Date: 15th November 1979 Issued Date: 15th November 1979 Revocation Date: 30th March 2002 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Of Marton Drain Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m</p>	D11NW (NE)	0	2	484170 381410
3	<p>Discharge Consents</p> <p>Operator: Richard Bennett Property Type: WASTE COLLECTION/TREATMENT/DISPOSAL/MATERIALS RECOVERY Location: Dredging Treatment Lagoons Marton, British Waterways, Near Marton, Nottinghamshire Authority: Environment Agency, Midlands Region Catchment Area: Trent Catchment : Trent To Confluence With Idle Reference: T/69/46429/T Permit Version: 1 Effective Date: 12th October 2007 Issued Date: 12th October 2007 Revocation Date: 18th August 2014 Discharge Type: Trade Discharge - Process Water Discharge: Freshwater Stream/River Environment: Receiving Water: Tirbutary Of The River Trent Status: Surrendered under EPR 2010 Positional Accuracy: Located by supplier to within 10m</p>	D9NW (W)	194	2	482870 381300
4	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: North End Garage Location: High Street, Marton, GAINSBOROUGH, DN21 5AA Authority: West Lindsey District Council, Environmental Health Department Permit Reference: Not Supplied Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG1/4 Gas turbines, 20-50MW net rated thermal input Status: Authorised Positional Accuracy: Manually positioned to the road within the address or location</p>	D14NE (N)	159	3	483953 382085
4	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: North End Garage Location: 16 High Street, Marton, GAINSBOROUGH, Lincolnshire, DN21 5AA Authority: West Lindsey District Council, Environmental Health Department Permit Reference: EPA/A/2/92.V1 Dated: 1st October 1992 Process Type: Local Authority Air Pollution Control Description: PG1/1Waste oil burners, less than 0.4MW net rated thermal input Status: Authorised Positional Accuracy: Manually positioned to the address or location</p>	D14NE (N)	178	3	483930 382074

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Hanson Quarry Products Europe Ltd Location: Summergangs Lane, GAINSBOROUGH, Lincolnshire, DN21 Authority: West Lindsey District Council, Environmental Health Department Permit Reference: EPA/A/10/93 Dated: 22nd March 2004 Process Type: Local Authority Air Pollution Control Description: PG3/1Blending, packing, loading and use of bulk cement Status: Authorised Positional Accuracy: Located by supplier to within 10m</p>	D14NE (N)	179	3	483929 382074
	<p>Nearest Surface Water Feature</p>	D9SW (W)	0	-	482884 381075
5	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Engineering Location: Lincoln District Authority: Environment Agency, Anglian Region Pollutant: Chemicals - Unknown Note: Tributary Of River Till Incident Date: 10th April 1996 Incident Reference: 2443 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Wrong Connection Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	D5SE (SW)	0	2	483400 380200
	<p>River Quality</p> <p>Name: Trent R GQA Grade: River Quality B Reach: Dunham Toll Bridge To A631 Gainsborough Estimated Distance (km): 22 Flow Rate: Flow greater than 80 cumecs Flow Type: River Year: 2000</p>	D9NE (NW)	0	2	483310 381373
	<p>River Quality</p> <p>Name: Marton Drain GQA Grade: River Quality C Reach: Torksey Stw To Conf. With R. Trent Estimated Distance (km): 2.5 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000</p>	D10SE (S)	0	2	483846 381049
6	<p>Water Abstractions</p> <p>Operator: Mr & Mrs R & A Brownlow And Brownlow Licence Number: 03/28/69/0202 Permit Version: 106 Location: Brampton & Marton - River Trent Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Tidal Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Brampton & Marton - River Trent. Area Of Land Amended (11/11/2009) Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 3rd December 2018 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	D5SE (SW)	0	2	483160 380464

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	<p>Water Abstractions</p> <p>Operator: Ray Small Contractors Licence Number: 03/28/69/0298 Permit Version: 2 Location: Torksey - River Trent (D) Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Tidal Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Area At Brampton And Torksey Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 19th August 2016 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	D5NW (SW)	0	2	483140 380500
6	<p>Water Abstractions</p> <p>Operator: Ray Small Contractors Licence Number: 03/28/69/0298 Permit Version: 1 Location: Torksey - River Trent (D) Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Tidal Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Area At Brampton And Torksey Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 1st April 2015 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	D5NW (SW)	0	2	483140 380500
6	<p>Water Abstractions</p> <p>Operator: Mr & Mrs R & A Brownlow And Brownlow Licence Number: 03/28/69/0202 Permit Version: 105 Location: Brampton & Marton - River Trent Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Tidal Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Brampton & Marton - River Trent. Area Of Land Amended (11/11/2009) Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 22nd January 2015 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	D5NW (SW)	0	2	483140 380500
6	<p>Water Abstractions</p> <p>Operator: Mr & Mrs R & A Brownlow And Brownlow Licence Number: 03/28/69/0202 Permit Version: 104 Location: Brampton & Marton - River Trent Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Tidal Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Brampton & Marton - River Trent. Area Of Land Amended (11/11/2009) Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 9th February 2010 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	D5NW (SW)	0	2	483140 380500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	<p>Water Abstractions</p> <p>Operator: Mr P T Johnson Licence Number: 03/28/69/0202 Permit Version: 102 Location: Brampton & Marton - River Trent Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Tidal Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Brampton & Marton - River Trent Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 16th March 2005 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	D5NW (SW)	0	2	483140 380500
6	<p>Water Abstractions</p> <p>Operator: Mr P T Johnson Licence Number: 03/28/69/0202 Permit Version: 101 Location: Brampton & Marton - River Trent Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Tidal Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Brampton & Marton - River Trent Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 1st April 2003 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	D5NW (SW)	0	2	483140 380500
6	<p>Water Abstractions</p> <p>Operator: Whittons Agriculture Ltd Licence Number: 03/28/69/0202 Permit Version: 100 Location: Brampton & Marton - River Trent Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Tidal Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Brampton & Marton - River Trent Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 21st December 1995 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	D5NW (SW)	0	2	483140 380500
7	<p>Water Abstractions</p> <p>Operator: Ray Small Contractors Licence Number: 03/28/69/0298 Permit Version: 2 Location: Torksey - River Trent (C) Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Tidal Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Area At Brampton And Torksey Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 19th August 2016 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	D5SE (SW)	0	2	483170 380280

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	<p>Water Abstractions</p> <p>Operator: Ray Small Contractors Licence Number: 03/28/69/0298 Permit Version: 1 Location: Torksey - River Trent (C) Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Tidal Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Area At Brampton And Torksey Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 1st April 2015 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	D5SE (SW)	0	2	483170 380280
8	<p>Water Abstractions</p> <p>Operator: P A Arden & Son Licence Number: 03/28/69/0235 Permit Version: 100 Location: Cottam - River Trent Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Cottam - River Trent Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 30th June 1995 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	D5SW (SW)	0	2	483060 380320
9	<p>Water Abstractions</p> <p>Operator: M E Dickinson Licence Number: 03/28/69/01591 Permit Version: Not Supplied Location: River Trent, BRAMPTON Authority: Environment Agency, Midlands Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 4800 Yearly Rate (m3): 56500 Details: Trent Catchment To Confluence With Idle Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	D2SW (S)	2	2	483520 379555
9	<p>Water Abstractions</p> <p>Operator: Ray Small Contractors Licence Number: 03/28/69/0298 Permit Version: 2 Location: Torksey- River Trent (A) Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Tidal Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Area At Brampton And Torksey Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 19th August 2016 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	D2SW (S)	5	2	483520 379560

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	Water Abstractions Operator: Ray Small Contractors Licence Number: 03/28/69/0298 Permit Version: 1 Location: Torksey- River Trent (A) Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Tidal Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Area At Brampton And Torksey Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 1st April 2015 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	D2SW (S)	5	2	483520 379560
9	Water Abstractions Operator: Dickinsons Of Brampton Licence Number: 03/28/69/0159 Permit Version: Not Supplied Location: Land At Brampton Authority: Environment Agency, Midlands Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: River Daily Rate (m3): 281 Yearly Rate (m3): 8445 Details:]Text]; Status: Revoked; Lapsed Or Cancelled Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	D2SW (S)	5	2	483520 379560
10	Water Abstractions Operator: Ray Small Contractors Licence Number: 03/28/69/0298 Permit Version: 2 Location: Torksey - River Trent (B) Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Tidal Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Area At Brampton And Torksey Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 19th August 2016 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	D1SE (S)	28	2	483340 379800
10	Water Abstractions Operator: Ray Small Contractors Licence Number: 03/28/69/0298 Permit Version: 1 Location: Torksey - River Trent (B) Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Tidal Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Area At Brampton And Torksey Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 1st April 2015 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	D1SE (S)	28	2	483340 379800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	<p>Water Abstractions</p> <p>Operator: Mr P T Johnson Licence Number: 03/28/69/0301 Permit Version: 3 Location: Marton Pupming Drain-Point C Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Brampton Area Of Land Amended Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 25th August 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	D10NW (NW)	40	2	483620 381270
11	<p>Water Abstractions</p> <p>Operator: Mr P T Johnson Licence Number: 03/28/69/0301 Permit Version: 2 Location: Marton Pupming Drain-Point C Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Brampton Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 1st April 2007 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	D10NW (NW)	40	2	483620 381270
12	<p>Water Abstractions</p> <p>Operator: M E Dickinson Licence Number: 03/28/69/01592 Permit Version: Not Supplied Location: Land At Brampton Authority: Environment Agency, Midlands Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 0 Yearly Rate (m3): 0 Details: Marton Pumping Drain Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	D1SW (SW)	129	2	482950 379720
	<p>Water Abstractions</p> <p>Operator: Ra & Ao Brownlow Licence Number: 03/28/69/0299 Permit Version: 4 Location: Marton Drain A To C Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Marton Pumping Drain Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 26th September 2019 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	D2NE (S)	264	2	484067 379901

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: Ra & Ao Brownlow Licence Number: 03/28/69/0299 Permit Version: 4 Location: Marton Pumping Drain - A To B Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Marton Pumping Drain Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 26th September 2019 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	D2NE (S)	264	2	484067 379901
	<p>Water Abstractions</p> <p>Operator: Ra & Ao Brownlow Licence Number: 03/28/69/0299 Permit Version: 3 Location: Marton Pumping Drain - A To B Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Marton Pumping Drain Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 3rd December 2018 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	D2NE (S)	264	2	484067 379901
	<p>Water Abstractions</p> <p>Operator: Ra & Ao Brownlow Licence Number: 03/28/69/0299 Permit Version: 3 Location: Marton Pumping Drain - A To C Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Marton Pumping Drain Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 3rd December 2018 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	D2NE (S)	264	2	484067 379901
	<p>Water Abstractions</p> <p>Operator: Ra & Ao Brownlow Licence Number: 03/28/69/0299 Permit Version: 2 Location: Marton Pumping Drain Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Marton Pumping Drain Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 1st June 2016 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	D2NE (S)	267	2	484080 379910

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: Mr P T Johnson Licence Number: 03/28/69/0301 Permit Version: 3 Location: Marton Pumping Drain Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Marton Pumping Drain Area Of Land Amended Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 25th August 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	D2NE (S)	267	2	484080 379910
	<p>Water Abstractions</p> <p>Operator: Mr P T Johnson Licence Number: 03/28/69/0301 Permit Version: 2 Location: Marton Pumping Drain Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Marton Pumping Drain Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 1st April 2007 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	D2NE (S)	267	2	484080 379910
	<p>Water Abstractions</p> <p>Operator: Mr P T Johnson Licence Number: 03/28/69/0301 Permit Version: 1 Location: Marton Pumping Drain Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Marton Pumping Drain Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 1st April 2003 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	D2NE (S)	267	2	484080 379910
	<p>Water Abstractions</p> <p>Operator: M & D White Licence Number: 03/28/69/0299 Permit Version: 1 Location: Marton Pumping Drain Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Marton Pumping Drain Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 1st November 2001 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	D2NE (S)	267	2	484080 379910

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: P A Arden & Son Licence Number: 03/28/69/0199 Permit Version: 100 Location: Brampton - Marton Pumping Drain (2) Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Brampton - Marton Pumping Drain Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 28th June 1994 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	D2NE (S)	267	2	484080 379910
	<p>Water Abstractions</p> <p>Operator: C T Sheldon Limited Licence Number: 03/28/69/0300 Permit Version: 3 Location: Brampton - Marton Pumping Drain (1) Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Brampton Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 1st April 2021 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	D2SE (S)	384	2	483950 379720
	<p>Water Abstractions</p> <p>Operator: Lincoln Golf Club Ltd Licence Number: 03/28/69/0300 Permit Version: 2 Location: Brampton - Marton Pumping Drain (1) Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Brampton Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 14th October 2019 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	D2SE (S)	384	2	483950 379720
	<p>Water Abstractions</p> <p>Operator: Lincoln Golf Club Licence Number: 03/28/69/0300 Permit Version: 1 Location: Brampton - Marton Pumping Drain (1) Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Brampton Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 3rd December 2018 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	D2SE (S)	384	2	483950 379720

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: P A Arden & Son Licence Number: 03/28/69/0199 Permit Version: 100 Location: Brampton - Marton Pumping Drain (1) Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Brampton - Marton Pumping Drain Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 28th June 1994 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	D2SE (S)	384	2	483950 379720
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High 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: <3m Superficial Recharge: No Data</p>	(NE)	0	4	485015 382800
	<p>Groundwater Vulnerability Map</p> <p>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: 3-10m Superficial Recharge: High</p>	D14NE (N)	0	4	484000 382002
	<p>Groundwater Vulnerability Map</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: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: Low</p>	D15NW (NE)	0	4	484307 382000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Groundwater Vulnerability Map</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: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: Low</p>	D15NE (NE)	0	4	484630 382080
	<p>Groundwater Vulnerability Map</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: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: Low</p>	(NE)	0	4	485000 382817
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: High</p>	D11NW (E)	0	4	484244 381228
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: High</p>	D15SW (NE)	0	4	484418 381506

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: >90% Superficial Thickness: 3-10m Superficial Recharge: High</p>	D14NE (N)	0	4	484000 382048
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: >90% Superficial Thickness: 3-10m Superficial Recharge: High</p>	(N)	0	4	483834 382551
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: Low</p>	(N)	0	4	484000 382757
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: Low</p>	D14NE (N)	0	4	484021 382000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Groundwater Vulnerability Map</p> <p>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: 3-10m Superficial Recharge: High</p>	D10SE (S)	0	4	483848 381000
	<p>Groundwater Vulnerability Map</p> <p>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: 3-10m Superficial Recharge: High</p>	D10SE (SE)	0	4	484000 381000
	<p>Groundwater Vulnerability Map</p> <p>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: Medium</p>	(S)	0	4	483000 379000
	<p>Groundwater Vulnerability Map</p> <p>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: 3-10m Superficial Recharge: Medium</p>	D13NW (NW)	0	4	483000 382000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: 3-10m</p> <p>Superficial Recharge: High</p>	D13NE (NW)	0	4	483160 382000
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: 3-10m</p> <p>Superficial Recharge: High</p>	D14NE (N)	0	4	483848 382000
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: >10m</p> <p>Superficial Recharge: Medium</p>	D1NW (SW)	0	4	483000 380000
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: >10m</p> <p>Superficial Recharge: Medium</p>	D9SW (W)	0	4	483000 381065

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: Low</p>	D12NE (E)	0	4	485224 381366
	<p>Groundwater Vulnerability Map</p> <p>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: 3-10m Superficial Recharge: Medium</p>	D9SW (W)	0	4	483000 381000
	<p>Groundwater Vulnerability Map</p> <p>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: 3-10m Superficial Recharge: High</p>	D2NE (S)	0	4	483848 380000
	<p>Groundwater Vulnerability Map</p> <p>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: 3-10m Superficial Recharge: High</p>	D10SE (NW)	0	4	483848 381065

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: High</p>	D10SE (E)	0	4	484000 381065
	<p>Groundwater Vulnerability Map</p> <p>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: 3-10m Superficial Recharge: Medium</p>	(S)	0	4	483848 379000
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: High</p>	D11NW (NE)	0	4	484327 381273
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: >90% Superficial Thickness: 3-10m Superficial Recharge: High</p>	(N)	0	4	483822 382551

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: >90% Superficial Thickness: 3-10m Superficial Recharge: High</p>	(N)	0	4	484000 382462
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: Low</p>	D14NE (N)	0	4	484155 382000
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: >90% Superficial Thickness: 3-10m Superficial Recharge: High</p>	D13NE (NW)	0	4	483280 382000
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data</p>	D16NW (NE)	0	4	485000 382000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Groundwater Vulnerability Map</p> <p>Combined Secondary Bedrock Aquifer - High Vulnerability Classification: High Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial <90% Patchiness: <3m Superficial Thickness: No Data Superficial Recharge: No Data</p>	(NE)	0	4	486000 382000
	<p>Groundwater Vulnerability Map</p> <p>Combined Secondary Bedrock Aquifer - Medium Vulnerability Classification: Medium Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial >90% Patchiness: 3-10m Superficial Thickness: High Superficial Recharge: High</p>	D6NW (SW)	0	4	483732 380826
	<p>Groundwater Vulnerability Map</p> <p>Combined Secondary Bedrock Aquifer - Medium Vulnerability Classification: Medium Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial >90% Patchiness: 3-10m Superficial Thickness: High Superficial Recharge: High</p>	D14SW (NW)	0	4	483521 381593
	<p>Groundwater Vulnerability Map</p> <p>Combined Secondary Bedrock Aquifer - High Vulnerability Classification: High Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial <90% Patchiness: <3m Superficial Thickness: High Superficial Recharge: High</p>	D11NW (E)	0	4	484409 381242

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: Low	D12SW (E)	0	4	485000 381065
	Groundwater Vulnerability - Soluble Rock Risk None				
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	D11NW (E)	0	4	484244 381228
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B	D2NE (S)	0	4	483848 380000
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B	D11NW (E)	0	4	484409 381242
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B	D10SE (NW)	0	4	483848 381065
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B	D12SW (E)	0	4	485000 381065
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	D2NE (S)	0	4	483848 380000
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	D10SE (NW)	0	4	483848 381065
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	D12NE (E)	0	4	485224 381366
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	(NE)	0	4	485000 382817
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	(NE)	0	4	485015 382800
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	D15SW (NE)	0	4	484418 381506
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	D15NE (NE)	0	4	484630 382080
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	D5NE (SW)	0	2	483342 380593
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	D5SE (SW)	0	2	483280 380355
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	D5NE (SW)	0	2	483324 380568

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	D10SW (SW)	0	2	483583 380843
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	D13SW (NW)	0	2	483133 381817
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial/Tidal Models Boundary Accuracy: As Supplied	D10NE (NE)	0	2	483970 381250
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial / Tidal Models and Fluvial Events Boundary Accuracy: As Supplied	D10NE (NE)	0	2	483990 381235
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	D5NE (SW)	0	2	483305 380534
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	D5NE (SW)	0	2	483330 380576
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	D10SW (SW)	0	2	483580 380841
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	D13SE (NW)	0	2	483186 381776
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	D9SW (W)	0	2	482861 381048
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	D10SE (NW)	0	2	483848 381065
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models and Fluvial Events Boundary Accuracy: As Supplied	D10SE (N)	0	2	483847 381067
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	D13SW (NW)	23	2	483141 381739
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	D13SE (NW)	50	2	483153 381725
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	D13SE (NW)	65	2	483162 381718
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	D13SE (NW)	73	2	483418 381533
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	D10SE (NW)	0	2	483848 381065

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	D13SE (NW)	0	2	483161 381808
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	D16SE (NE)	72	2	485335 381790
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences Type: Flood Defences Reference: Not Supplied	D1SE (S)	0	2	483472 379759
	Flood Defences Type: Flood Defences Reference: Not Supplied	D10SW (W)	0	2	483568 380984
	Flood Defences Type: Flood Defences Reference: Not Supplied	D9SW (W)	0	2	482847 381096
13	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 760.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D5NW (W)	0	5	482874 380772
14	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 514.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D9SW (W)	0	5	482884 381061
15	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D5NW (W)	0	5	482874 380778
16	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 170.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D1NW (SW)	0	5	483116 379839
17	OS Water Network Lines Watercourse Form: Tidal river Watercourse Length: 141.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Trent Catchment Name: Trent Primacy: 1	D9SW (W)	0	5	483126 381103
18	OS Water Network Lines Watercourse Form: Tidal river Watercourse Length: 47.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D9SE (W)	0	5	483157 380959

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
19	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D1NW (SW)	0	5	483118 379839
20	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 14.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D9SE (W)	0	5	483170 380954
21	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D9SE (W)	0	5	483180 380952
22	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 15.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D5SE (SW)	0	5	483189 380460
23	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 220.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D13NW (NW)	0	5	482845 382029
24	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 344.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D14NW (N)	0	5	483759 382093
25	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 394.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D13NW (NW)	0	5	483134 382158
26	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 32.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D11NW (NE)	0	5	484178 381392
27	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 6.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D11NW (NE)	0	5	484181 381386

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
28	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 97.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D11NW (NE)	0	5	484216 381295
29	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 276.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D15NE (NE)	0	5	484772 381904
30	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 486.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D16NW (NE)	0	5	485040 381991
31	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D16NW (NE)	0	5	485035 381990
32	OS Water Network Lines Watercourse Form: Tidal river Watercourse Length: 1231.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Trent Catchment Name: Trent Primacy: 1	D9SW (W)	0	5	483110 380964
33	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 232.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D9SE (W)	0	5	483358 381110
34	OS Water Network Lines Watercourse Form: Tidal river Watercourse Length: 350.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Trent Catchment Name: Trent Primacy: 1	D9NE (NW)	0	5	483349 381366
35	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 116.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D9SE (W)	0	5	483297 380948
36	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 83.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D5NE (SW)	0	5	483267 380655

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
37	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 70.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D5SE (SW)	0	5	483259 380454
38	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 8.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D5SE (SW)	0	5	483263 380461
39	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 18.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D5SE (SW)	0	5	483259 380454
40	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 571.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D5SE (SW)	0	5	483261 380436
41	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 117.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D5NE (SW)	0	5	483267 380655
42	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 71.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D5NE (SW)	0	5	483261 380533
43	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D5NE (SW)	0	5	483261 380538
44	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 93.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D5NE (SW)	0	5	483276 380748
45	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 76.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D5NE (SW)	0	5	483343 380645

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
46	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 108.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D9SE (W)	0	5	483290 380854
47	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 50.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D5NE (SW)	0	5	483326 380753
48	OS Water Network Lines Watercourse Form: Tidal river Watercourse Length: 159.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D1NE (S)	0	5	483412 379858
49	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 95.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D9SE (W)	0	5	483297 380948
50	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 45.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D9SE (SW)	0	5	483335 380848
51	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 199.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D10SW (W)	0	5	483494 380981
52	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 18.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D5NE (SW)	0	5	483342 380761
53	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 124.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D9SE (W)	0	5	483356 381055
54	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 7.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D9SE (W)	0	5	483358 381110

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
55	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 1.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D9SE (W)	0	5	483359 381110
56	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 145.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D10SW (W)	0	5	483504 381118
57	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 13.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D10SW (W)	0	5	483507 380983
58	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 18.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D10SW (W)	0	5	483526 380986
59	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1040.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D10SE (N)	0	5	483849 381068
60	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 283.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D10NW (N)	0	5	483770 381356
61	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 193.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D10NW (N)	0	5	483800 381388
62	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D11NW (NE)	0	5	484166 381422
63	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 39.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D10NE (NE)	0	5	484127 381427

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
64	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 96.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D10NE (NE)	0	5	484105 381442
65	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 228.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D10NE (N)	0	5	483981 381453
66	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 73.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D10NE (N)	0	5	483981 381453
67	OS Water Network Lines Watercourse Form: Tidal river Watercourse Length: 637.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Trent Catchment Name: Trent Primacy: 1	D1SE (SW)	0	5	483283 379766
68	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 190.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D1SE (S)	0	5	483382 379521
69	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 138.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D10NW (N)	1	5	483800 381388
70	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 190.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D6NE (S)	9	5	484010 380596
71	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 28.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D11NW (NE)	22	5	484217 381288
72	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D11NW (NE)	22	5	484216 381290

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
73	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 4.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 2	D11NW (NE)	53	5	484248 381284
74	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 2	D11NW (NE)	56	5	484256 381273
75	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 2	D11NW (NE)	58	5	484258 381269
76	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 27.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 2	D11NW (NE)	59	5	484258 381269
77	OS Water Network Lines Watercourse Form: Tidal river Watercourse Length: 261.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D10NW (NW)	69	5	483573 381266
78	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 96.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D1SW (SW)	84	5	483142 379530
79	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 362.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D1NW (SW)	85	5	482945 379829
80	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D1NW (SW)	101	5	482896 380014
81	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 186.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D1NW (SW)	101	5	482897 380009

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
82	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 198.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D14NW (N)	113	5	483793 381903
83	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 141.2 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D14SE (N)	115	5	483931 381671
84	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 90.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D6SE (S)	137	5	484100 380406
85	OS Water Network Lines Watercourse Form: Tidal river Watercourse Length: 734.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Trent Catchment Name: Trent Primacy: 1	D9NE (NW)	139	5	483349 381366
86	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 682.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Carr Drain Catchment Name: Trent Primacy: 1	(SW)	152	5	482799 380051
87	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 183.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D14NE (N)	158	5	483916 381849
88	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 195.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D12NE (E)	159	5	485353 381192
89	OS Water Network Lines Watercourse Form: Tidal river Watercourse Length: 205.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Trent Catchment Name: Trent Primacy: 1	D13SW (NW)	178	5	482855 381550
90	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 12.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D7NW (SE)	186	5	484199 380616

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
91	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 166.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D9NW (W)	186	5	482872 381292
92	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 186.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D7NW (SE)	198	5	484212 380617
93	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 44.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D14SE (N)	220	5	483930 381812
94	OS Water Network Lines Watercourse Form: Tidal river Watercourse Length: 44.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D13SW (NW)	222	5	482857 381505
95	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D7SW (SE)	227	5	484186 380380
96	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1178.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D16SE (NE)	235	5	485376 381710
97	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D7SW (SE)	235	5	484194 380378
98	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 54.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D7SW (SE)	237	5	484208 380431
99	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1131.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D7SW (SE)	238	5	484208 380431

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
100	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 514.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D7SW (SE)	239	5	484198 380377

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
101	Historical Landfill Sites Licence Holder: Powergen Plc Location: Cottam, Retford Name: Cottam Power Station Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD22078 First Input Date: 31st December 1960 Last Input Date: Not Supplied Specified Waste: Deposited Waste included Industrial Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 3000/0066 BGS Ref: Not Supplied Other Ref: 1/77/45/87NW	(SW)	174	2	482771 379946
102	Licensed Waste Management Facilities (Landfill Boundaries) Name: Cottam Ash Disposal Site Licence Number: 0 Location: Cottam Power Station, Outgang Lane, Cottam, Retford, Nottinghamshire, DN22 0EU Licence Holder: Edf Energy (Cottam Power) Ltd Authority: Environment Agency - Midlands Region, East Area Site Category: Waste Landfilling; >10 T/D with Capacity >25,000T Excluding Inert Waste Max Input Rate: Not Supplied Licence Status: Effective Issued: 22nd January 2016 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	(SW)	0	2	482802 380045
103	Licensed Waste Management Facilities (Landfill Boundaries) Name: Cottam Power Station Licence Number: 43565 Location: Cottam Power Station, P O Box 4, Retford, Nottinghamshire, DN22 0ET Licence Holder: Cottam Power Limited Authority: Environment Agency - Midlands Region, Lower Trent Area Site Category: Landfills Taking Non-biodegradeable Wastes (Not Construction) Max Input Rate: Not Supplied Licence Status: Inactive Issued: 20th December 2002 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	(SW)	0	2	482802 380042
104	Licensed Waste Management Facilities (Landfill Boundaries) Name: Cottam Power Station Licence Number: 43107 Location: Cottam Power Station, Retford, Nottinghamshire, DN22 0ET Licence Holder: Cottam Power Limited Authority: Environment Agency - Midlands Region, East Area Site Category: Lagoons Max Input Rate: Not Supplied Licence Status: IPPC Issued: 1st March 1996 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	(SW)	0	2	482802 380044
105	Licensed Waste Management Facilities (Landfill Boundaries) Name: West Bank Of River Trent British Waterways Licence Number: 43111 Location: Land/premises At, Trent Valley Way, West Bank Of River Trent, Opposite Marton, Nottinghamshire, DN21 Licence Holder: British Waterways Board Authority: Environment Agency - Midlands Region, East Area Site Category: Landfills Taking Other Wastes (Construction, Demolition, Dredgings) Max Input Rate: Not Supplied Licence Status: Issued Issued: 2nd December 1993 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	D9NE (NW)	0	2	483293 381428
	Local Authority Landfill Coverage Name: Bassetlaw District Council - Has no landfill data to supply		0	6	483362 381399
	Local Authority Landfill Coverage Name: West Lindsey District Council - Has no landfill data to supply		0	3	483848 381065
	Local Authority Landfill Coverage Name: Nottinghamshire County Council - Has no landfill data to supply		0	8	483362 381399

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage Name: Lincolnshire County Council - Had landfill data but passed it to the relevant environment agency		0	7	483848 381065
106	Registered Landfill Sites Licence Holder: British Waterways Licence Reference: 1/92/289/88SW/M2 Site Location: West Bank Of River Trent, Marton, Gainsborough, Lincolnshire Licence Easting: 483000 Licence Northing: 381300 Operator Location: Mill Lane, Mill Gate, NEWARK, Nottinghamshire, NG24 4TT Authority: Environment Agency - Midlands Region, Lower Trent Area Site Category: Landfill Max Input Rate: Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year) Waste Source: Waste produced/controlled by licence holder Restrictions: Status: Site dormant Dated: 2nd September 1993 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: River Dredgings Prohibited Waste: Waste N.O.S.	D9NW (W)	185	2	483000 381300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Lias Group	D11NW (E)	0	1	484390 381250
	BGS 1:625,000 Solid Geology Description: Triassic Rocks (Undifferentiated)	D10SE (NW)	0	1	483848 381065
107	BGS Recorded Mineral Sites Site Name: Brampton Grange Sand Pit Location: Marton, Gainsborough, Lincolnshire Source: British Geological Survey, National Geoscience Information Service Reference: 133328 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Pleistocene Geology: Holme Pierrepont Sand And Gravel Member Commodity: Sand Positional Accuracy: Located by supplier to within 10m	D10NE (NE)	0	1	483906 381186
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D12SW (E)	0	1	485000 381065
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D10SE (SW)	0	1	483838 381055
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D10NW (NW)	0	1	483790 381168
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D1NE (SW)	0	1	483333 380000
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D10SE (NW)	0	1	483848 381065
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D2NE (S)	4	1	483848 380000
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D6NE (SE)	9	1	484033 380621
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D11SW (SE)	80	1	484198 380884
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	D1NE (SW)	0	1	483333 380000
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	D10SE (NW)	0	1	483848 381065
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D10NW (NW)	0	1	483790 381168
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D12SW (E)	0	1	485000 381065
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D10SE (SW)	0	1	483838 381055
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D2NE (S)	4	1	483848 380000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Compressible Ground Stability Hazards Hazard Potential: High Source: British Geological Survey, National Geoscience Information Service	D6NE (SE)	9	1	484033 380621
	Potential for Compressible Ground Stability Hazards Hazard Potential: High Source: British Geological Survey, National Geoscience Information Service	D7NW (SE)	249	1	484353 380816
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D10SE (NW)	0	1	483848 381065
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D12SW (E)	0	1	485000 381065
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D2NE (S)	0	1	483848 380000
	Potential for Landslide Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	D5SE (SW)	0	1	483285 380193
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D10SE (NW)	0	1	483848 381065
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D12SW (E)	0	1	485000 381065
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	D5SE (SW)	0	1	483325 380276
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	D13SE (NW)	0	1	483422 381528
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	D13NW (NW)	0	1	483133 382009
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	D5SE (SW)	0	1	483284 380405
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D2NE (S)	0	1	483848 380000
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	D1NE (SW)	84	1	483378 380000
	Potential for Landslide Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	D13SE (NW)	105	1	483293 381660
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	D1SW (SW)	164	1	482943 379646
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	D1SW (SW)	194	1	482943 379596
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D10SE (SW)	0	1	483838 381055
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D12NE (E)	0	1	485224 381366
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D13SE (NW)	0	1	483210 381701
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D11NW (NE)	0	1	484327 381273

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D12SW (E)	0	1	485000 381065
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D6NW (SW)	0	1	483732 380826
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D10NW (NW)	0	1	483790 381168
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D15NE (NE)	0	1	484630 382080
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D15SW (NE)	0	1	484418 381506
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	D10SE (NW)	0	1	483848 381065
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	D1NE (SW)	0	1	483333 380000
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D2NE (S)	4	1	483848 380000
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	(NE)	33	1	485062 382212
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D2NW (S)	69	1	483495 379976
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	D11SW (SE)	80	1	484198 380884
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D1NE (S)	84	1	483420 380000
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D2NW (S)	0	1	483593 380000
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	D11NW (E)	0	1	484244 381228
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	D12SW (E)	0	1	485000 381065
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D6NW (S)	0	1	483722 380716
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D10NE (N)	0	1	483871 381266
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D10SE (SW)	0	1	483838 381055
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D10SE (NE)	0	1	483900 381127
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D10NW (NW)	0	1	483790 381168
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D15NE (NE)	0	1	484743 382148

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D10SE (NW)	0	1	483848 381065
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D13SW (NW)	35	1	483038 381704
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D2NE (S)	90	1	483848 380000
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	D10SE (NW)	0	1	483848 381065
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	D12SW (E)	0	1	485000 381065
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	D2NE (S)	0	1	483848 380001
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	D10SE (NW)	0	1	483848 381065
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	D12SW (E)	0	1	485000 381065
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	D2NE (S)	0	1	483848 380001

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
108	<p>Contemporary Trade Directory Entries</p> <p>Name: Uk Fire Security Ltd Location: 18, Littleborough Lane, Marton, GAINSBOROUGH, Lincolnshire, DN21 5AB Classification: Firefighting Equipment Status: Active Positional Accuracy: Automatically positioned to the address</p>	D14NW (N)	147	-	483803 382110
109	<p>Contemporary Trade Directory Entries</p> <p>Name: North End Garage Location: 16, High Street, Marton, Gainsborough, DN21 5AA Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address</p>	D14NE (N)	179	-	483930 382073
110	<p>Contemporary Trade Directory Entries</p> <p>Name: Paul Spindley Washer Repair Location: 21, Littleborough Lane, Marton, Gainsborough, Lincolnshire, DN21 5AB Classification: Domestic Appliances - Servicing, Repairs & Parts Status: Active Positional Accuracy: Automatically positioned to the address</p>	D14NE (N)	198	-	483841 382048
111	<p>Contemporary Trade Directory Entries</p> <p>Name: Marrone'S Location: 20, Stow Park Road, Marton, Gainsborough, DN21 5AG Classification: Carpet, Curtain & Upholstery Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	D15NW (NE)	222	-	484283 381908
112	<p>Contemporary Trade Directory Entries</p> <p>Name: S W Spence Location: 10, Trent Port Road, Marton, Gainsborough, Lincolnshire, DN21 5AP Classification: Dairies Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	D14SE (N)	245	-	483873 381795

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
113	Nitrate Vulnerable Zones Name: R Trent From Carlton-On-Trent To Laughton Drain Nvz Description: Surface Water Source: Environment Agency, Head Office	D9NE (NW)	0	4	483340 381402
114	Nitrate Vulnerable Zones Name: Marton Drain Catchment (Trib Of R Trent) Nvz Description: Surface Water Source: Environment Agency, Head Office	D10SE (NW)	0	4	483848 381065
115	Nitrate Vulnerable Zones Name: Seymour Drain Catchment (Trib Of River Trent) Nvz Description: Surface Water Source: Environment Agency, Head Office	D9SW (W)	0	4	483074 381083
116	Nitrate Vulnerable Zones Name: Lower Witham Nvz Description: Surface Water Source: Environment Agency, Head Office	(E)	0	4	486228 381570

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Bassetlaw District Council - Environmental Health Department Environment Agency - Head Office West Lindsey District Council - Environmental Health Department	January 2020 June 2020 September 2017	Annual Rolling Update Annually Annual Rolling Update
Discharge Consents Environment Agency - Anglian Region Environment Agency - Midlands Region	July 2021 July 2021	Quarterly Quarterly
Enforcement and Prohibition Notices Environment Agency - Anglian Region Environment Agency - Midlands Region	March 2013 March 2013	
Integrated Pollution Controls Environment Agency - Anglian Region Environment Agency - Midlands Region	January 2009 January 2009	
Integrated Pollution Prevention And Control Environment Agency - Anglian Region Environment Agency - Midlands Region	July 2021 July 2021	Quarterly Quarterly
Local Authority Integrated Pollution Prevention And Control Bassetlaw District Council - Environmental Health Department West Lindsey District Council - Environmental Health Department	August 2014 November 2014	Variable Variable
Local Authority Pollution Prevention and Controls Bassetlaw District Council - Environmental Health Department West Lindsey District Council - Environmental Health Department	August 2014 November 2014	Not Applicable Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Bassetlaw District Council - Environmental Health Department West Lindsey District Council - Environmental Health Department	August 2014 November 2014	Variable Variable
Nearest Surface Water Feature Ordnance Survey	August 2021	
Pollution Incidents to Controlled Waters Environment Agency - Midlands Region Environment Agency - Anglian Region	December 1999 September 1999	
Prosecutions Relating to Authorised Processes Environment Agency - Anglian Region Environment Agency - Midlands Region	July 2015 July 2015	
Prosecutions Relating to Controlled Waters Environment Agency - Anglian Region Environment Agency - Midlands Region	March 2013 March 2013	
Registered Radioactive Substances Environment Agency - Anglian Region Environment Agency - Midlands Region	June 2016 June 2016	Annually Annually
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	April 2012	Annually
River Quality Chemistry Sampling Points Environment Agency - Head Office	April 2012	Annually
Substantiated Pollution Incident Register Environment Agency - Anglian Region - Northern Area Environment Agency - Midlands Region - East Area Environment Agency - Midlands Region - Lower Trent Area	July 2021 July 2021 July 2021	Quarterly Quarterly Quarterly
Water Abstractions Environment Agency - Anglian Region Environment Agency - Midlands Region	July 2021 July 2021	Quarterly Quarterly

Agency & Hydrological	Version	Update Cycle
Water Industry Act Referrals Environment Agency - Anglian Region Environment Agency - Midlands Region	October 2017 October 2017	Quarterly Quarterly
Groundwater Vulnerability Map Environment Agency - Head Office	June 2018	As notified
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Superficial Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Source Protection Zones Environment Agency - Head Office	May 2021	Bi-Annually
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	September 2021	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	September 2021	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	September 2021	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	September 2021	Quarterly
Flood Defences Environment Agency - Head Office	September 2021	Quarterly
OS Water Network Lines Ordnance Survey	July 2021	Quarterly
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	Annually

Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	November 2002	Not Applicable
Historical Landfill Sites Environment Agency - Head Office	May 2021	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - Anglian Region Environment Agency - Midlands Region	January 2009 January 2009	Not Applicable Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - Anglian Region - Northern Area Environment Agency - Midlands Region - East Area Environment Agency - Midlands Region - Lower Trent Area	July 2021 July 2021 July 2021	Quarterly Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - Anglian Region - Northern Area Environment Agency - Midlands Region - East Area Environment Agency - Midlands Region - Lower Trent Area	July 2021 July 2021 July 2021	Quarterly Quarterly Quarterly
Local Authority Landfill Coverage Bassetlaw District Council - Environmental Health Department Lincolnshire County Council Nottinghamshire County Council - Environment Department West Lindsey District Council - Environmental Health Department	February 2003 February 2003 February 2003 February 2003	Not Applicable Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Bassetlaw District Council - Environmental Health Department Lincolnshire County Council Nottinghamshire County Council - Environment Department West Lindsey District Council - Environmental Health Department	October 2018 October 2018 October 2018 October 2018	
Registered Landfill Sites Environment Agency - Anglian Region - Northern Area Environment Agency - Midlands Region - East Area Environment Agency - Midlands Region - Lower Trent Area	March 2006 March 2006 March 2006	Not Applicable Not Applicable Not Applicable
Registered Waste Transfer Sites Environment Agency - Anglian Region - Northern Area Environment Agency - Midlands Region - East Area Environment Agency - Midlands Region - Lower Trent Area	April 2018 April 2018 April 2018	
Registered Waste Treatment or Disposal Sites Environment Agency - Anglian Region - Northern Area Environment Agency - Midlands Region - East Area Environment Agency - Midlands Region - Lower Trent Area	June 2015 June 2015 June 2015	

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	April 2018	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements Bassetlaw District Council - Environmental Health Department Nottinghamshire County Council Lincolnshire County Council - Highways and Planning Department West Lindsey District Council	April 2015 August 2007 August 2010 February 2016	Variable Variable Variable Variable
Planning Hazardous Substance Consents Bassetlaw District Council - Environmental Health Department Lincolnshire County Council - Highways and Planning Department Nottinghamshire County Council West Lindsey District Council	April 2015 August 2007 August 2007 February 2016	Variable Variable Variable Variable
Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	May 2021	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	As notified
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	Annually

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	July 2021	Quarterly
Fuel Station Entries Catalist Ltd - Experian	August 2021	Quarterly
Gas Pipelines National Grid	October 2021	Annually
Underground Electrical Cables National Grid	May 2021	Annually
Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	February 2021	Bi-Annually
Areas of Adopted Green Belt Bassetlaw District Council West Lindsey District Council	October 2020 October 2020	Quarterly Quarterly
Areas of Unadopted Green Belt Bassetlaw District Council West Lindsey District Council	October 2020 October 2020	Quarterly Quarterly
Areas of Outstanding Natural Beauty Natural England	January 2021	Bi-Annually
Environmentally Sensitive Areas Natural England	January 2017	
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	February 2021	Bi-Annually
Marine Nature Reserves Natural England	July 2019	Bi-Annually
National Nature Reserves Natural England	January 2021	Bi-Annually
National Parks Natural England	February 2018	Bi-Annually
Nitrate Sensitive Areas Natural England	April 2016	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Environment Agency - Head Office	April 2016 June 2017	Bi-Annually
Ramsar Sites Natural England	August 2020	Bi-Annually
Sites of Special Scientific Interest Natural England	February 2021	Bi-Annually
Special Areas of Conservation Natural England	July 2020	Bi-Annually
Special Protection Areas 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	 British Geological Survey <small>NATURAL ENVIRONMENT RESEARCH COUNCIL</small>
Centre for Ecology and Hydrology	 Centre for Ecology & Hydrology <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	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: [REDACTED]
2	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	West Lindsey District Council - Environmental Health Department The Guildhall, Caskgate Street, Gainsborough, Lincolnshire, DN21 2DH	Telephone: 01427 676676 Fax: 01427 810623 Website: www.west-lindsey.gov.uk
4	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
5	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
6	Bassetlaw District Council - Environmental Health Department Queens Buildings, Potter Street, Worksop, Nottinghamshire, S80 2AH	Telephone: 01909 533533 Fax: 01909 731111 Website: www.bassetlaw.gov.uk
7	Lincolnshire County Council 4th Floor, City Hall, Lincoln, Lincolnshire, LN1 1DN	Telephone: 01522 552222 Fax: 01522 552288 Email: PublicRelations@lincolnshire.gov.uk Website: www.lincolnshire.gov.uk
8	Nottinghamshire County Council - Environment Department 5th Floor, Trentbridge House, Fox Road, Nottingham, Nottinghamshire, NG2 6BJ	Telephone: 0115 977 4383 Website: www.nottinghamshire.gov.uk
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: [REDACTED]
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.[REDACTED]

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

Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

286968913_1_1

Customer Reference:

60664324

National Grid Reference:

481990, 383050

Slice:

E

Site Area (Ha):

1658.81

Search Buffer (m):

250

Site Details:

Marton
GAINSBOROUGH
Lincolnshire
DN21 5AA

Client Details:

Mr D Abberley
AECOM Ltd
Colmore Plaza
Colmore Circus
Queensway
Birmingham
B4 6AT

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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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Data Type	Page Number	On Site	0 to 250m (*up to 500m)
Agency & Hydrological			
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes
Contaminated Land Register Entries and Notices			
Discharge Consents	pg 4		2
Prosecutions Relating to Controlled Waters			n/a
Enforcement and Prohibition Notices			
Integrated Pollution Controls			
Integrated Pollution Prevention And Control			
Local Authority Integrated Pollution Prevention And Control			
Local Authority Pollution Prevention and Controls			
Local Authority Pollution Prevention and Control Enforcements			
Nearest Surface Water Feature		Yes	
Pollution Incidents to Controlled Waters	pg 5	2	
Prosecutions Relating to Authorised Processes			
Registered Radioactive Substances			
River Quality	pg 5	2	
River Quality Biology Sampling Points			
River Quality Chemistry Sampling Points			
Substantiated Pollution Incident Register			
Water Abstractions	pg 6		11
Water Industry Act Referrals			
Groundwater Vulnerability Map	pg 8	Yes	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a
Bedrock Aquifer Designations	pg 16	Yes	n/a
Superficial Aquifer Designations	pg 17	Yes	n/a
Source Protection Zones			
Extreme Flooding from Rivers or Sea without Defences	pg 17	Yes	
Flooding from Rivers or Sea without Defences	pg 17	Yes	
Areas Benefiting from Flood Defences			
Flood Water Storage Areas			
Flood Defences	pg 18	Yes	
OS Water Network Lines	pg 18	35	11

Data Type	Page Number	On Site	0 to 250m (*up to 500m)
Waste			
BGS Recorded Landfill Sites			
Historical Landfill Sites			
Integrated Pollution Control Registered Waste Sites			
Licensed Waste Management Facilities (Landfill Boundaries)			
Licensed Waste Management Facilities (Locations)			
Local Authority Landfill Coverage	pg 24	4	n/a
Local Authority Recorded Landfill Sites			
Registered Landfill Sites			
Registered Waste Transfer Sites			
Registered Waste Treatment or Disposal Sites			
Hazardous Substances			
Control of Major Accident Hazards Sites (COMAH)			
Explosive Sites			
Notification of Installations Handling Hazardous Substances (NIHHS)			
Planning Hazardous Substance Consents			
Planning Hazardous Substance Enforcements			
Geological			
BGS 1:625,000 Solid Geology	pg 25	Yes	n/a
BGS Recorded Mineral Sites			
CBSCB Compensation District			n/a
Coal Mining Affected Areas			n/a
Mining Instability			n/a
Man-Made Mining Cavities			
Natural Cavities			
Non Coal Mining Areas of Great Britain			
Potential for Collapsible Ground Stability Hazards	pg 25	Yes	
Potential for Compressible Ground Stability Hazards	pg 25	Yes	
Potential for Ground Dissolution Stability Hazards			
Potential for Landslide Ground Stability Hazards	pg 25	Yes	Yes
Potential for Running Sand Ground Stability Hazards	pg 25	Yes	
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 26	Yes	
Radon Potential - Radon Affected Areas			n/a
Radon Potential - Radon Protection Measures			n/a

Data Type	Page Number	On Site	0 to 250m (*up to 500m)
Industrial Land Use			
Contemporary Trade Directory Entries			
Fuel Station Entries			
Gas Pipelines			
Underground Electrical Cables			
Sensitive Land Use			
Ancient Woodland			
Areas of Adopted Green Belt			
Areas of Unadopted Green Belt			
Areas of Outstanding Natural Beauty			
Environmentally Sensitive Areas			
Forest Parks			
Local Nature Reserves			
Marine Nature Reserves			
National Nature Reserves			
National Parks			
Nitrate Sensitive Areas			
Nitrate Vulnerable Zones	pg 27	4	
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
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	0	1	483300 382100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	483000 384050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	483100 384200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NE)	0	1	482900 383650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	482950 383650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	483000 383650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E4SE (SE)	0	1	482500 382400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E7SE (NW)	0	1	481900 383150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E7SW (SW)	0	1	481750 382900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	0	1	483100 382100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E12SW (N)	0	1	482250 383800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	482950 383800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	0	1	483100 381900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	0	1	483300 381950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E4SW (S)	0	1	482200 382350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E4SW (SE)	0	1	482350 382350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E7SE (W)	0	1	481900 383050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(NE)	0	1	483000 384200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E4NE (SE)	0	1	482650 382550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E12NE (NE)	0	1	482600 383900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E12SW (NE)	0	1	482300 383650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E12SW (NE)	0	1	482450 383650

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E12SE (NE)	0	1	482650 383650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	0	1	483100 382250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E7SE (SE)	0	1	482100 383000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	E12SE (NE)	0	1	482750 383700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	1	482350 381950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E4SW (S)	0	1	482300 382300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E12NE (NE)	0	1	482650 383950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	482950 383950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	482950 384100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NE)	0	1	483350 384150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	483150 384450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(NE)	0	1	483100 383850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	0	1	483150 383250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E12SW (NE)	0	1	482350 383550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E12SE (NE)	0	1	482600 383550
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NE)	0	1	482950 383550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	0	1	483150 383052
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	483000 383550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	483000 385100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E8NW (NE)	0	1	482400 383500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E12SE (NE)	0	1	482550 383700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E12SE (NE)	0	1	482600 383750

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E4SE (SE)	0	1	482500 382250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	0	1	483250 382300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	0	1	482550 381950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	0	1	483350 381950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	483100 385050
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NE)	0	1	483300 384400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E12NE (NE)	0	1	482650 384000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	483350 384000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	483300 384100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NE)	0	1	483100 385000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NE)	0	1	483150 384750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(N)	0	1	481993 385000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	E7SE (SE)	0	1	481993 383052
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	1	482450 381850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E4SW (S)	0	1	482250 382400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(E)	2	1	483000 383400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E8NE (NE)	12	1	482750 383400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	15	1	482500 381750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	21	1	483050 383500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	52	1	482900 384150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	67	1	483050 383450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E12NE (NE)	83	1	482800 384150

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(E)	113	1	483150 383050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	113	1	483050 383400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	114	1	483050 384700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	115	1	482850 384200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E11SW (NW)	115	1	481650 383650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E8NE (E)	120	1	482800 383250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	121	1	482850 381650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	125	1	483000 381550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	134	1	483400 383150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E8NE (E)	175	1	482600 383200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(E)	182	1	483250 383300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	194	1	482950 385000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	213	1	483150 382900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	215	1	482950 384850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E16SE (NE)	228	1	482800 384400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E11SW (N)	230	1	481700 383800
1	Discharge Consents Operator: Severn Trent Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: North Leverton Village (2) Drain Os Field No 300, Littleborough, North Leverton, Bassetlaw Authority: Environment Agency, Midlands Region Catchment Area: Trent Catchment : Trent To Confluence With Idle Reference: T/69/01722/R Permit Version: 1 Effective Date: 1st January 1982 Issued Date: 1st September 1966 Revocation Date: 5th October 2010 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: River Idle/Maun (Tributary) Status: Surrendered under EPR 2010 Positional Accuracy: Located by supplier to within 100m	E3SE (S)	129	2	482000 382400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	<p>Discharge Consents</p> <p>Operator: Severn Trent Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: North Leverton Village (2) Drain Os Field No 300, Littleborough, North Leverton, Bassetlaw Authority: Environment Agency, Midlands Region Catchment Area: Trent Catchment : Trent To Confluence With Idle Reference: T/69/01722/R Permit Version: 1 Effective Date: 1st January 1982 Issued Date: 1st September 1966 Revocation Date: 5th October 2010 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Idle/Maun (Tributary) Status: Surrendered under EPR 2010 Positional Accuracy: Located by supplier to within 100m</p>	E4NE (SE)	154	2	482500 382600
	<p>Nearest Surface Water Feature</p>	E4NE (SE)	0	-	482689 382527
3	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Construction Location: KIVETON PARK Authority: Environment Agency, Midlands Region Pollutant: Miscellaneous - Inert Suspended Solids Note: Not Supplied Incident Date: 14th February 1996 Incident Reference: Not Supplied Catchment Area: Trent Catchment : Upper Ryton To Confluence With Poulter Receiving Water: Canal Cause of Incident: In River Works Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	E3SW (SW)	0	2	481700 382500
3	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Construction Location: KIVETON PARK Authority: Environment Agency, Midlands Region Pollutant: Miscellaneous - Inert Suspended Solids Note: Amenity Affected; Chesterfield Canal; Black Discol. - B.W. Dredging Incident Date: 14th February 1996 Incident Reference: 2800233 Catchment Area: Trent Catchment : Upper Ryton To Confluence With Poulter Receiving Water: Canal Cause of Incident: In River Works Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	E3SW (SW)	0	2	481700 382495
	<p>River Quality</p> <p>Name: Trent R GQA Grade: River Quality C Reach: A631 Gainsborough To Keadby Estimated Distance (km): 62.9 Flow Rate: Flow greater than 80 cumecs Flow Type: River Year: 2000</p>	E8SE (E)	0	2	482629 382915
	<p>River Quality</p> <p>Name: Trent R GQA Grade: River Quality B Reach: Dunham Toll Bridge To A631 Gainsborough Estimated Distance (km): 22 Flow Rate: Flow greater than 80 cumecs Flow Type: River Year: 2000</p>	E4SW (S)	0	2	482209 382209

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	<p>Water Abstractions</p> <p>Operator: Ray Small Contractors Licence Number: 03/28/69/0292 Permit Version: 3 Location: Gate Burton & Knaith - River Trent Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Tidal Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Area At Gate Burton And Knaith Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 3rd December 2018 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	E4SE (SE)	37	2	482650 382500
4	<p>Water Abstractions</p> <p>Operator: D Fenwick Licence Number: 03/28/69/0091 Permit Version: 102 Location: Gate Burton & Knaith - River Trent Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Tidal Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Gate Burton & Knaith - R Trent Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 3rd December 2018 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	E4SE (SE)	37	2	482650 382500
4	<p>Water Abstractions</p> <p>Operator: Ray Small Contractors Licence Number: 03/28/69/0292 Permit Version: 2 Location: Gate Burton & Knaith - River Trent Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Tidal Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Area At Gate Burton And Knaith Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2015 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	E4SE (SE)	37	2	482650 382500
4	<p>Water Abstractions</p> <p>Operator: D Fenwick Licence Number: 03/28/69/0091 Permit Version: 101 Location: Gate Burton & Knaith - River Trent Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Tidal Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Gate Burton & Knaith - R Trent Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 3rd March 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	E4SE (SE)	37	2	482650 382500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	<p>Water Abstractions</p> <p>Operator: Ray Small Contractors Licence Number: 03/28/69/0292 Permit Version: 1 Location: Gate Burton & Knaith - River Trent Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Tidal Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Area At Gate Burton And Knaith Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 3rd March 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	E4SE (SE)	37	2	482650 382500
4	<p>Water Abstractions</p> <p>Operator: D Fenwick Licence Number: 03/28/69/0091 Permit Version: 100 Location: Gate Burton & Knaith - River Trent Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Tidal Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Gate Burton & Knaith - R Trent Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 10th November 1997 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	E4SE (SE)	37	2	482650 382500
5	<p>Water Abstractions</p> <p>Operator: G H Chennells (Farms) Ltd Licence Number: 03/28/69/0236/1/R01 Permit Version: 3 Location: Marton, Gainsborough-River Trent (Tidal) Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Tidal Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 1st April 2021 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	E4NE (SE)	115	2	482660 382580
5	<p>Water Abstractions</p> <p>Operator: G H Chennells (Farms) Ltd Licence Number: 03/28/69/0236/1/R01 Permit Version: 2 Location: Marton, Gainsborough-River Trent (Tidal) Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Tidal Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Gate Burton & Marton, Gainsborough - River Trent Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 3rd December 2018 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	E4NE (SE)	115	2	482660 382580

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	<p>Water Abstractions</p> <p>Operator: Strawson Ltd Licence Number: 03/28/69/0236/1 Permit Version: 101 Location: Marton, Gainsborough-River Trent (Tidal) Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Tidal Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Gate Burton & Marton, Gainsborough - River Trent Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 16th March 2005 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	E4NE (SE)	115	2	482660 382580
5	<p>Water Abstractions</p> <p>Operator: C A Strawson Farming Ltd Licence Number: 03/28/69/0236/1 Permit Version: 100 Location: Marton, Gainsborough - River Trent Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Gate Burton & Marton, Gainsborough - River Trent Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 10th January 2003 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	E4NE (SE)	115	2	482660 382580
5	<p>Water Abstractions</p> <p>Operator: C A Strawson Farming Ltd Licence Number: 03/28/69/0236 Permit Version: 100 Location: Marton, Gainsborough - River Trent Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Gate Burton & Marton, Gainsborough - River Trent Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 26th June 1995 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	E4NE (SE)	115	2	482660 382580
	<p>Groundwater Vulnerability Map</p> <p>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: <90% Patchiness: <3m Superficial Thickness: <3m Superficial Recharge: High</p>	(NE)	0	3	483147 385000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: <90%</p> <p>Superficial Thickness: <3m</p> <p>Superficial Recharge: High</p>	(NE)	0	3	483348 384056
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer</p> <p>Pollutant Speed: Intermediate</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: <90%</p> <p>Superficial Thickness: <3m</p> <p>Superficial Recharge: High</p>	(E)	0	3	483506 383230
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: Intermediate</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: <90%</p> <p>Superficial Thickness: <3m</p> <p>Superficial Recharge: High</p>	(NE)	0	3	483396 384000
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: 3-10m</p> <p>Superficial Recharge: Medium</p>	E7SE (S)	0	3	482000 383000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map 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: 3-10m Superficial Recharge: High	(E)	0	3	483000 383000
	Groundwater Vulnerability Map 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: 3-10m Superficial Recharge: High	(E)	0	3	483136 383000
	Groundwater Vulnerability Map 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: <3m Superficial Recharge: High	(NE)	0	3	483000 385000
	Groundwater Vulnerability Map 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: 3-10m Superficial Recharge: Medium	E7SE (S)	0	3	481993 383000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Groundwater Vulnerability Map</p> <p>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: 3-10m Superficial Recharge: High</p>	(S)	0	3	481993 382000
	<p>Groundwater Vulnerability Map</p> <p>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: Medium</p>	(S)	0	3	482000 382000
	<p>Groundwater Vulnerability Map</p> <p>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: 3-10m Superficial Recharge: Medium</p>	E7SE (E)	0	3	482000 383052
	<p>Groundwater Vulnerability Map</p> <p>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: 3-10m Superficial Recharge: Medium</p>	E12SE (NE)	0	3	482794 383674

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Intermediate Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: High</p>	(E)	0	3	483000 383406
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Intermediate Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: High</p>	(NE)	0	3	483000 383947
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Intermediate Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: High</p>	(NE)	0	3	483124 383871
	<p>Groundwater Vulnerability Map</p> <p>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: 3-10m Superficial Recharge: High</p>	(SE)	0	3	483000 382000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Groundwater Vulnerability Map</p> <p>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: <3m Superficial Recharge: High</p>	(NE)	0	3	483000 384000
	<p>Groundwater Vulnerability Map</p> <p>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: 3-10m Superficial Recharge: High</p>	E7SE (SE)	0	3	481993 383052
	<p>Groundwater Vulnerability Map</p> <p>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: 3-10m Superficial Recharge: Medium</p>	E12NE (NE)	0	3	482794 384000
	<p>Groundwater Vulnerability Map</p> <p>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: 3-10m Superficial Recharge: Medium</p>	E11NE (N)	0	3	482000 384000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: <90%</p> <p>Superficial Thickness: <3m</p> <p>Superficial Recharge: High</p>	(NE)	0	3	483180 384525
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: <90%</p> <p>Superficial Thickness: <3m</p> <p>Superficial Recharge: High</p>	(NE)	0	3	483344 384000
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability</p> <p>Combined Vulnerability: Medium</p> <p>Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: 3-10m</p> <p>Superficial Recharge: Medium</p>	E12SE (NE)	0	3	482731 383615
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability</p> <p>Combined Vulnerability: Medium</p> <p>Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: 3-10m</p> <p>Superficial Recharge: Medium</p>	(NE)	0	3	483000 383822

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: >90% Superficial Thickness: 3-10m Superficial Recharge: High	(E)	0	3	483493 382897
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Intermediate Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: High	(E)	0	3	483000 383238
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: >90% Superficial Thickness: 3-10m Superficial Recharge: High	(E)	0	3	483094 383000
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: >90% Superficial Thickness: 3-10m Superficial Recharge: Medium	E12NE (NE)	0	3	482718 384000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: High	(NE)	0	3	483156 384517
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: High	(NE)	0	3	483275 384000
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: High	(NE)	0	3	483003 384000
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: >90% Superficial Thickness: 3-10m Superficial Recharge: High	(SE)	0	3	483160 382000
	Groundwater Vulnerability - Soluble Rock Risk None				
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	(E)	0	3	483506 383230
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	(NE)	0	3	483147 385000
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B	E7SE (SE)	0	3	481993 383052

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B	(N)	0	3	481993 385000
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	(N)	0	3	481993 385000
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	E7SE (SE)	0	3	481993 383052
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	E12SE (NE)	0	3	482794 383674
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	E12SE (NE)	0	2	482805 383543
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	E12SE (NE)	0	2	482793 383555
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	E12SE (NE)	0	2	482780 383580
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	E12SE (NE)	0	2	482680 383668
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	(NE)	0	2	482813 383531
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	E12SE (NE)	0	2	482805 383545
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	E12SE (NE)	0	2	482782 383580
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	E12SE (NE)	0	2	482698 383643
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	E7SE (SE)	0	2	481993 383052
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	E12SE (NE)	0	2	482666 383685
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models and Fluvial Events Boundary Accuracy: As Supplied	E4NE (E)	0	2	482571 382853
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	E7SE (SE)	0	2	481993 383052
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Flood Defences Type: Flood Defences Reference: Not Supplied	E4NE (E)	0	2	482563 382850
6	OS Water Network Lines Watercourse Form: Tidal river Watercourse Length: 1540.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Trent Catchment Name: Trent Primacy: 1	E12SE (NE)	0	4	482487 383717
7	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 353.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	E8NE (NE)	0	4	482476 383499
8	OS Water Network Lines Watercourse Form: Tidal river Watercourse Length: 1176.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Trent Catchment Name: Trent Primacy: 1	E4SW (SE)	0	4	482356 382380
9	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 71.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	E4SE (SE)	0	4	482744 382203
10	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	E4SE (SE)	0	4	482745 382211
11	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 163.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	E4SE (SE)	0	4	482752 382374
12	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 216.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	E4SW (SE)	0	4	482426 382298
13	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 429.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	E4SE (SE)	0	4	482751 382400
14	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 181.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	E4SE (SE)	0	4	482591 382322

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
15	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 60.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	E4SE (SE)	0	4	482570 382379
16	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 15.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	E4SE (SE)	0	4	482566 382394
17	OS Water Network Lines Watercourse Form: Tidal river Watercourse Length: 70.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	E4SE (SE)	0	4	482537 382457
18	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 324.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	E3SE (S)	0	4	481854 382184
19	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 146.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Mother Drain Catchment Name: Trent Primacy: 1	E3SE (S)	0	4	482088 382196
20	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 127.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	E2SE (SW)	0	4	481367 382182
21	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	E2SE (SW)	0	4	481368 382188
22	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 56.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	E2SE (SW)	0	4	481375 382243
23	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 223.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	E3SE (S)	0	4	481998 382194

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
24	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	E3SE (S)	0	4	482088 382196
25	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	E3SE (S)	0	4	482075 382195
26	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	E2SE (SW)	0	4	481377 382250
27	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 396.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	E3NW (SW)	0	4	481707 382559
28	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 86.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	E2SE (SW)	0	4	481417 382326
29	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 459.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	E3NW (SW)	0	4	481670 382695
30	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	E2SE (SW)	0	4	481421 382331
31	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 369.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	E3NW (SW)	0	4	481711 382556
32	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 66.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	E3NW (SW)	0	4	481764 382596

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
33	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 56.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	E3NE (S)	0	4	481817 382616
34	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 425.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	E3NE (S)	0	4	481817 382616
35	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 204.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 2	E3NE (S)	0	4	481945 382614
36	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 690.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Mother Drain Catchment Name: Trent Primacy: 1	E11SE (N)	0	4	482079 383615
37	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1064.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Mother Drain Catchment Name: Trent Primacy: 1	E7SE (SE)	0	4	482036 383032
38	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 411.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Mother Drain Catchment Name: Trent Primacy: 1	E3NE (S)	0	4	482018 382601
39	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 253.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	E11SE (N)	0	4	482079 383615
40	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 248.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	E8NW (NE)	0	4	482408 383356
41	OS Water Network Lines Watercourse Form: Tidal river Watercourse Length: 880.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Trent Catchment Name: Trent Primacy: 1	E8SE (E)	8	4	482646 382863

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
42	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 64.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	E8NW (NE)	13	4	482357 383273
43	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	E2NE (W)	26	4	481408 382852
44	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 398.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	E6SE (W)	35	4	481398 382854
45	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	E8NW (NE)	77	4	482361 383265
46	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	E8NE (NE)	85	4	482615 383346
47	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 366.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	E8SW (E)	85	4	482357 382977
48	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 97.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	E8NE (NE)	86	4	482618 383346
49	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 190.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	E8SW (E)	93	4	482193 383118
50	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 284.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	E6SW (W)	191	4	481117 382867

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
51	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 224.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	E16SE (NE)	233	4	482579 384214

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage Name: Bassetlaw District Council - Has no landfill data to supply		0	5	481993 383052
	Local Authority Landfill Coverage Name: West Lindsey District Council - Has no landfill data to supply		0	6	482659 382880
	Local Authority Landfill Coverage Name: Nottinghamshire County Council - Has no landfill data to supply		0	8	481993 383052
	Local Authority Landfill Coverage Name: Lincolnshire County Council - Had landfill data but passed it to the relevant environment agency		0	7	482659 382880

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Triassic Rocks (Undifferentiated)	E7SE (SE)	0	1	481993 383052
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E7SE (W)	0	1	481984 383052
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	E3NW (SW)	0	1	481561 382788
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E12SE (NE)	0	1	482731 383615
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E7SE (SE)	0	1	482094 383003
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	E7SE (SE)	0	1	481993 383052
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	E7SE (SE)	0	1	481993 383052
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	E7SE (W)	0	1	481984 383052
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	E7SE (SE)	0	1	482094 383003
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	E12SE (NE)	0	1	482731 383615
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	E3NW (SW)	0	1	481561 382788
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	E7SE (SE)	0	1	481993 383052
	Potential for Landslide Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	E12SE (NE)	0	1	482680 383635
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E7SE (SE)	0	1	481993 383052
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	E12SE (NE)	0	1	482671 383625
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	E12NE (NE)	21	1	482765 384061
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E7SE (W)	0	1	481984 383052
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E7SE (SE)	0	1	482094 383003
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E12NE (NE)	0	1	482609 383866

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	E12SE (NE)	0	1	482731 383615
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	E3NW (SW)	0	1	481561 382788
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E12SE (NE)	0	1	482794 383674
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	E7SE (SE)	0	1	481993 383052
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	E7SE (SE)	0	1	482094 383003
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	E7SE (W)	0	1	481984 383052
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E7SE (SE)	0	1	481993 383052
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E3NW (SW)	0	1	481561 382788
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	E7SE (SE)	0	1	481993 383052
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	E7SE (SE)	0	1	481993 383052

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
52	Nitrate Vulnerable Zones Name: R Trent From Carlton-On-Trent To Laughton Drain Nvz Description: Surface Water Source: Environment Agency, Head Office	(S)	0	3	482600 381590
53	Nitrate Vulnerable Zones Name: Marton Drain Catchment (Trib Of R Trent) Nvz Description: Surface Water Source: Environment Agency, Head Office	(E)	0	3	483462 382468
54	Nitrate Vulnerable Zones Name: Seymour Drain Catchment (Trib Of River Trent) Nvz Description: Surface Water Source: Environment Agency, Head Office	E7SE (SE)	0	3	481993 383052
55	Nitrate Vulnerable Zones Name: Lower Witham Nvz Description: Surface Water Source: Environment Agency, Head Office	(NE)	0	3	483419 384464

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Bassetlaw District Council - Environmental Health Department Environment Agency - Head Office West Lindsey District Council - Environmental Health Department	January 2020 June 2020 September 2017	Annual Rolling Update Annually Annual Rolling Update
Discharge Consents Environment Agency - Anglian Region Environment Agency - Midlands Region	July 2021 July 2021	Quarterly Quarterly
Enforcement and Prohibition Notices Environment Agency - Anglian Region Environment Agency - Midlands Region	March 2013 March 2013	
Integrated Pollution Controls Environment Agency - Anglian Region Environment Agency - Midlands Region	January 2009 January 2009	
Integrated Pollution Prevention And Control Environment Agency - Anglian Region Environment Agency - Midlands Region	July 2021 July 2021	Quarterly Quarterly
Local Authority Integrated Pollution Prevention And Control Bassetlaw District Council - Environmental Health Department West Lindsey District Council - Environmental Health Department	August 2014 November 2014	Variable Variable
Local Authority Pollution Prevention and Controls Bassetlaw District Council - Environmental Health Department West Lindsey District Council - Environmental Health Department	August 2014 November 2014	Not Applicable Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Bassetlaw District Council - Environmental Health Department West Lindsey District Council - Environmental Health Department	August 2014 November 2014	Variable Variable
Nearest Surface Water Feature Ordnance Survey	August 2021	
Pollution Incidents to Controlled Waters Environment Agency - Midlands Region Environment Agency - Anglian Region	December 1999 September 1999	
Prosecutions Relating to Authorised Processes Environment Agency - Anglian Region Environment Agency - Midlands Region	July 2015 July 2015	
Prosecutions Relating to Controlled Waters Environment Agency - Anglian Region Environment Agency - Midlands Region	March 2013 March 2013	
Registered Radioactive Substances Environment Agency - Anglian Region Environment Agency - Midlands Region	June 2016 June 2016	Annually Annually
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	April 2012	Annually
River Quality Chemistry Sampling Points Environment Agency - Head Office	April 2012	Annually
Substantiated Pollution Incident Register Environment Agency - Anglian Region - Northern Area Environment Agency - Midlands Region - East Area Environment Agency - Midlands Region - Lower Trent Area	July 2021 July 2021 July 2021	Quarterly Quarterly Quarterly
Water Abstractions Environment Agency - Anglian Region Environment Agency - Midlands Region	July 2021 July 2021	Quarterly Quarterly




Agency & Hydrological	Version	Update Cycle
Water Industry Act Referrals Environment Agency - Anglian Region Environment Agency - Midlands Region	October 2017 October 2017	Quarterly Quarterly
Groundwater Vulnerability Map Environment Agency - Head Office	June 2018	As notified
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Superficial Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Source Protection Zones Environment Agency - Head Office	May 2021	Bi-Annually
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	September 2021	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	September 2021	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	September 2021	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	September 2021	Quarterly
Flood Defences Environment Agency - Head Office	September 2021	Quarterly
OS Water Network Lines Ordnance Survey	July 2021	Quarterly
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	Annually

Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	November 2002	Not Applicable
Historical Landfill Sites Environment Agency - Head Office	May 2021	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - Anglian Region Environment Agency - Midlands Region	January 2009 January 2009	Not Applicable Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - Anglian Region - Northern Area Environment Agency - Midlands Region - East Area Environment Agency - Midlands Region - Lower Trent Area	July 2021 July 2021 July 2021	Quarterly Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - Anglian Region - Northern Area Environment Agency - Midlands Region - East Area Environment Agency - Midlands Region - Lower Trent Area	July 2021 July 2021 July 2021	Quarterly Quarterly Quarterly
Local Authority Landfill Coverage Bassetlaw District Council - Environmental Health Department Lincolnshire County Council Nottinghamshire County Council - Environment Department West Lindsey District Council - Environmental Health Department	February 2003 February 2003 February 2003 February 2003	Not Applicable Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Bassetlaw District Council - Environmental Health Department Lincolnshire County Council Nottinghamshire County Council - Environment Department West Lindsey District Council - Environmental Health Department	October 2018 October 2018 October 2018 October 2018	
Registered Landfill Sites Environment Agency - Anglian Region - Northern Area Environment Agency - Midlands Region - East Area Environment Agency - Midlands Region - Lower Trent Area	March 2006 March 2006 March 2006	Not Applicable Not Applicable Not Applicable
Registered Waste Transfer Sites Environment Agency - Anglian Region - Northern Area Environment Agency - Midlands Region - East Area Environment Agency - Midlands Region - Lower Trent Area	April 2018 April 2018 April 2018	
Registered Waste Treatment or Disposal Sites Environment Agency - Anglian Region - Northern Area Environment Agency - Midlands Region - East Area Environment Agency - Midlands Region - Lower Trent Area	June 2015 June 2015 June 2015	

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	April 2018	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements Bassetlaw District Council - Environmental Health Department Nottinghamshire County Council Lincolnshire County Council - Highways and Planning Department West Lindsey District Council	April 2015 August 2007 August 2010 February 2016	Variable Variable Variable Variable
Planning Hazardous Substance Consents Bassetlaw District Council - Environmental Health Department Lincolnshire County Council - Highways and Planning Department Nottinghamshire County Council West Lindsey District Council	April 2015 August 2007 August 2007 February 2016	Variable Variable Variable Variable
Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	May 2021	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	As notified
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	Annually

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	July 2021	Quarterly
Fuel Station Entries Catalist Ltd - Experian	August 2021	Quarterly
Gas Pipelines National Grid	October 2021	Annually
Underground Electrical Cables National Grid	May 2021	Annually
Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	February 2021	Bi-Annually
Areas of Adopted Green Belt Bassetlaw District Council West Lindsey District Council	October 2020 October 2020	Quarterly Quarterly
Areas of Unadopted Green Belt Bassetlaw District Council West Lindsey District Council	October 2020 October 2020	Quarterly Quarterly
Areas of Outstanding Natural Beauty Natural England	January 2021	Bi-Annually
Environmentally Sensitive Areas Natural England	January 2017	
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	February 2021	Bi-Annually
Marine Nature Reserves Natural England	July 2019	Bi-Annually
National Nature Reserves Natural England	January 2021	Bi-Annually
National Parks Natural England	February 2018	Bi-Annually
Nitrate Sensitive Areas Natural England	April 2016	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Environment Agency - Head Office	April 2016 June 2017	Bi-Annually
Ramsar Sites Natural England	August 2020	Bi-Annually
Sites of Special Scientific Interest Natural England	February 2021	Bi-Annually
Special Areas of Conservation Natural England	July 2020	Bi-Annually
Special Protection Areas 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	 British Geological Survey <small>NATURAL ENVIRONMENT RESEARCH COUNCIL</small>
Centre for Ecology and Hydrology	 Centre for Ecology & Hydrology <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	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: [REDACTED]
2	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
4	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
5	Bassetlaw District Council - Environmental Health Department Queens Buildings, Potter Street, Worksop, Nottinghamshire, S80 2AH	Telephone: 01909 533533 Fax: 01909 731111 Website: www.bassetlaw.gov.uk
6	West Lindsey District Council - Environmental Health Department The Guildhall, Caskgate Street, Gainsborough, Lincolnshire, DN21 2DH	Telephone: 01427 676676 Fax: 01427 810623 Website: www.west-lindsey.gov.uk
7	Lincolnshire County Council 4th Floor, City Hall, Lincoln, Lincolnshire, LN1 1DN	Telephone: 01522 552222 Fax: 01522 552288 Email: PublicRelations@lincolnshire.gov.uk Website: www.lincolnshire.gov.uk
8	Nottinghamshire County Council - Environment Department 5th Floor, Trentbridge House, Fox Road, Nottingham, Nottinghamshire, NG2 6BJ	Telephone: 0115 977 4383 Website: www.nottinghamshire.gov.uk
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: [REDACTED]
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: [REDACTED]

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

Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

286968913_1_1

Customer Reference:

60664324

National Grid Reference:

484220, 383570

Slice:

F

Site Area (Ha):

1658.81

Search Buffer (m):

250

Site Details:

Marton
GAINSBOROUGH
Lincolnshire
DN21 5AA

Client Details:

Mr D Abberley
AECOM Ltd
Colmore Plaza
Colmore Circus
Queensway
Birmingham
B4 6AT

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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 (*up to 500m)
Agency & Hydrological			
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes
Contaminated Land Register Entries and Notices			
Discharge Consents	pg 10		4
Prosecutions Relating to Controlled Waters			n/a
Enforcement and Prohibition Notices			
Integrated Pollution Controls			
Integrated Pollution Prevention And Control			
Local Authority Integrated Pollution Prevention And Control			
Local Authority Pollution Prevention and Controls			
Local Authority Pollution Prevention and Control Enforcements			
Nearest Surface Water Feature		Yes	
Pollution Incidents to Controlled Waters	pg 11	1	
Prosecutions Relating to Authorised Processes			
Registered Radioactive Substances			
River Quality	pg 11	1	
River Quality Biology Sampling Points			
River Quality Chemistry Sampling Points			
Substantiated Pollution Incident Register			
Water Abstractions			
Water Industry Act Referrals			
Groundwater Vulnerability Map	pg 11	Yes	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a
Bedrock Aquifer Designations	pg 32	Yes	n/a
Superficial Aquifer Designations	pg 32	Yes	n/a
Source Protection Zones			
Extreme Flooding from Rivers or Sea without Defences	pg 33	Yes	Yes
Flooding from Rivers or Sea without Defences	pg 34	Yes	
Areas Benefiting from Flood Defences			
Flood Water Storage Areas			
Flood Defences			
OS Water Network Lines	pg 34	28	10

Data Type	Page Number	On Site	0 to 250m (*up to 500m)
Waste			
BGS Recorded Landfill Sites			
Historical Landfill Sites			
Integrated Pollution Control Registered Waste Sites			
Licensed Waste Management Facilities (Landfill Boundaries)			
Licensed Waste Management Facilities (Locations)			
Local Authority Landfill Coverage	pg 39	4	n/a
Local Authority Recorded Landfill Sites			
Registered Landfill Sites			
Registered Waste Transfer Sites			
Registered Waste Treatment or Disposal Sites			
Hazardous Substances			
Control of Major Accident Hazards Sites (COMAH)			
Explosive Sites			
Notification of Installations Handling Hazardous Substances (NIHHS)			
Planning Hazardous Substance Consents			
Planning Hazardous Substance Enforcements			
Geological			
BGS 1:625,000 Solid Geology	pg 40	Yes	n/a
BGS Recorded Mineral Sites	pg 40	4	
CBSCB Compensation District			n/a
Coal Mining Affected Areas			n/a
Mining Instability			n/a
Man-Made Mining Cavities			
Natural Cavities			
Non Coal Mining Areas of Great Britain			
Potential for Collapsible Ground Stability Hazards	pg 40	Yes	
Potential for Compressible Ground Stability Hazards	pg 41	Yes	
Potential for Ground Dissolution Stability Hazards			
Potential for Landslide Ground Stability Hazards	pg 41	Yes	Yes
Potential for Running Sand Ground Stability Hazards	pg 41	Yes	Yes
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 42	Yes	
Radon Potential - Radon Affected Areas			n/a
Radon Potential - Radon Protection Measures			n/a

Data Type	Page Number	On Site	0 to 250m (*up to 500m)
Industrial Land Use			
Contemporary Trade Directory Entries	pg 44		1
Fuel Station Entries			
Gas Pipelines			
Underground Electrical Cables			
Sensitive Land Use			
Ancient Woodland	pg 45	2	
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 45	4	
Ramsar Sites			
Sites of Special Scientific Interest			
Special Areas of Conservation			
Special Protection Areas			
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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	0	1	483350 382100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	F3SW (S)	0	1	484250 382300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	F9NW (NW)	0	1	483100 384100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	F9NE (NW)	0	1	483300 384050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	F10NW (NW)	0	1	483750 384050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	F11NW (N)	0	1	484400 384050
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	0	1	484300 381950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(S)	0	1	484550 381900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	0	1	484500 382050
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	0	1	485000 382150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	F8NE (E)	0	1	485450 383400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	F8SW (SE)	0	1	485000 383050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	F4NW (SE)	0	1	485100 382800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	0	1	485700 382950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	F2NE (S)	0	1	483950 382800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	F9SW (W)	0	1	482950 383650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	F9SW (W)	0	1	483000 383650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	F9SW (W)	0	1	483050 383650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	0	1	484400 381550
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	F3NE (S)	0	1	484500 382550
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	F8NW (E)	0	1	484900 383300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	0	1	482550 382400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NE)	0	1	485250 385000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	F15NE (N)	0	1	484700 384800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	F11SW (N)	0	1	484216 383600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	F7NE (SE)	0	1	484500 383350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	1	484650 381650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	F3SW (S)	0	1	484350 382250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	F6SE (S)	0	1	484050 382950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	F8SW (SE)	0	1	485050 382950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	0	1	483150 382100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	1	484600 381700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	0	1	482350 383800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	F9SW (W)	0	1	483000 383800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	0	1	483150 381900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	0	1	483350 381950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	1	484350 381950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	0	1	482250 382350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	0	1	482400 382350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	F9NW (NW)	0	1	483100 384200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	F11NW (N)	0	1	484200 384200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	F11NW (N)	0	1	484216 384200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	F3NW (S)	0	1	484400 382750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	0	1	482700 382550

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	0	1	482650 383900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	0	1	482350 383650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	0	1	482500 383650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	0	1	482700 383650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	F11SW (E)	0	1	484450 383550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	F1SE (SW)	0	1	483150 382250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	F3SE (S)	0	1	484550 382200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	F3SE (SE)	0	1	484750 382300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	F3SW (S)	0	1	484216 382300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	F3SE (S)	0	1	484650 382400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	0	1	482550 382850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	F9SW (W)	0	1	482950 383600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	F8NW (E)	0	1	485000 383350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	F16NW (NE)	0	1	485000 384700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	F4NW (SE)	0	1	485000 382800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	0	1	482400 381950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	0	1	484500 381950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	0	1	482350 382300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	F12SW (E)	0	1	485000 383566
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	F11SE (E)	0	1	484650 383700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	F8NW (E)	0	1	485000 383500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	0	1	482700 383950

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	F9NW (W)	0	1	483000 383950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	F15NE (NE)	0	1	484700 384650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	F9NW (NW)	0	1	483000 384100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	F14SE (NW)	0	1	483900 384250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	F11NW (N)	0	1	484200 384100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	F11NW (N)	0	1	484216 384100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	F11NW (N)	0	1	484250 384100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	F11NW (N)	0	1	484350 384000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	F12NW (NE)	0	1	485000 383950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	F13SE (NW)	0	1	483200 384450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	F9NE (NW)	0	1	483300 384000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	F5NE (W)	0	1	483450 383300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	F15SW (N)	0	1	484400 384450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	0	1	483950 385050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(N)	0	1	484850 385550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(N)	0	1	485000 385500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	F8SW (SE)	0	1	484950 382950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	F8NW (SE)	0	1	485050 383200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	F15NW (N)	0	1	484350 384600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	F16NW (NE)	0	1	484850 384600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	F16NW (NE)	0	1	485000 384600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	0	1	484216 385000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	F15NW (N)	0	1	484216 384700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	F15NW (N)	0	1	484250 384700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NE)	0	1	485000 385000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NE)	0	1	484950 384950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	0	1	484350 385000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	0	1	482400 383566
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	0	1	482650 383566
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	F9SW (W)	0	1	483000 383566
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	F5NE (W)	0	1	483250 383250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	F3SE (S)	0	1	484600 382450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	F9SW (W)	0	1	483050 383566
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	F8NW (SE)	0	1	484950 383200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	1	484600 382150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	0	1	484800 385200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	0	1	483400 385100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	0	1	484100 385100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	0	1	482450 383550
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	F11SE (E)	0	1	484600 383566
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	F11SE (E)	0	1	484800 383550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	0	1	482600 383700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	F12SW (E)	0	1	484850 383566
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	0	1	482650 383750

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	0	1	482550 382250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	F1SE (SW)	0	1	483300 382300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	0	1	484050 385200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	0	1	482700 382000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	0	1	483400 381950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	F11NW (N)	0	1	484300 384150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	F16SW (NE)	0	1	485000 384350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	0	1	483750 385000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	0	1	484900 385300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	485050 385300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	485050 385400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	F14SW (NW)	0	1	483650 384300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	0	1	484100 385000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	F14SE (N)	0	1	484000 384300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	0	1	482750 384000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	F9NE (NW)	0	1	483400 384000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	F10NW (NW)	0	1	483700 384050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	F10NW (NW)	0	1	483650 384000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	F10NE (N)	0	1	484050 384000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(N)	0	1	484300 385050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(N)	0	1	484700 384950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	0	1	484750 385000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	0	1	483900 385500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	485750 385500
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NW)	0	1	483500 385000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	F14NW (NW)	0	1	483550 384700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	0	1	484150 385000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	F14NE (N)	0	1	484150 384700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	F14NE (N)	0	1	484100 384750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	F15NW (N)	0	1	484450 384750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	F15NW (N)	0	1	484216 384650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	F15NE (N)	0	1	484550 384650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(E)	0	1	485800 384050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	F15NW (N)	0	1	484216 384800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	F11SW (NE)	0	1	484216 383566
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	F12SW (E)	0	1	485000 383750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	F8NW (E)	0	1	485000 383450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	0	1	483850 385000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	0	1	483650 385000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	F4NW (SE)	0	1	485050 382700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(NW)	0	1	483300 385150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	F2NE (S)	0	1	483900 382600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SE)	0	1	485300 382100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	0	1	482500 381850

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	F3NE (S)	0	1	484500 382750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	0	1	482300 382400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NE)	0	1	485000 384950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	F12SE (E)	0	1	485350 383800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	F9SW (W)	2	1	483050 383550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	F6SE (S)	4	1	484000 382950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	12	1	482800 383450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	15	1	482550 381750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	F2NW (SW)	16	1	483800 382750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	F3SW (S)	18	1	484200 382250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	F9SW (W)	21	1	483100 383550
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	F4NE (SE)	24	1	485200 382600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	F4NE (SE)	30	1	485450 382700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	30	1	484700 385150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	F4SW (SE)	32	1	485050 382250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	33	1	484216 385100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	F4NW (SE)	38	1	485150 382550
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	40	1	484700 385250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	F6SE (S)	47	1	484000 382900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	F9NW (NW)	52	1	482950 384150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	57	1	484250 385050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	F4NE (SE)	65	1	485200 382550

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	F5NW (W)	67	1	483100 383500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	F4NE (SE)	69	1	485300 382600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	78	1	484250 385100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	F4SW (SE)	80	1	485150 382500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	F9NW (NW)	83	1	482850 384150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NE)	87	1	486000 384350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(N)	107	1	484050 385500
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	F5SE (SW)	113	1	483250 383000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	F5NW (W)	113	1	483100 383450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	F13NW (NW)	114	1	483100 384700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	F9NW (NW)	115	1	482900 384200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	F5NW (W)	120	1	482850 383350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	121	1	482900 381650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	F2NW (SW)	123	1	483600 382700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	125	1	483300 381550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	F4NE (SE)	133	1	485350 382550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	F6NW (W)	134	1	483500 383300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	175	1	482650 383250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	F4SE (SE)	176	1	485250 382450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	180	1	485250 382100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	181	1	484150 385450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	F5NE (W)	182	1	483350 383400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	194	1	483000 385000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	F4SE (SE)	198	1	485400 382500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	199	1	485400 385250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	F6SW (SW)	201	1	483750 382900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NE)	202	1	485450 385000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	F5SE (SW)	213	1	483200 382900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	F13NW (NW)	215	1	483000 384850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	F4SE (SE)	223	1	485300 382300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	F13SW (NW)	228	1	482850 384400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	F4SE (SE)	245	1	485400 382450
1	Discharge Consents Operator: C Aitchison & M Douce Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: 3 Properties At Knaith Hill, 5 Knaith Hill, Knaith, Lincolnshire Authority: Environment Agency, Midlands Region Catchment Area: Trent Catchment : Trent To Confluence With Idle Reference: T/69/45882/S Permit Version: 1 Effective Date: 12th November 2003 Issued Date: 12th November 2003 Revocation Date: 27th January 2009 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Unnamed Trib River Trent Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	F13NE (NW)	11	2	483200 384790
2	Discharge Consents Operator: D Fenwick Property Type: Livestock Production, Food Production Location: Central Park Farm, Knaith, Gainsborough, Dn21 5hd Authority: Environment Agency, Anglian Region Catchment Area: Catchment 29 Unknown Detail Reference: Gwnlf40536 Permit Version: 1 Effective Date: 1st April 1999 Issued Date: 21st July 2000 Revocation Date: Not Supplied Discharge Type: Agriculture - Livestock Farming Discharge: Onto Land Environment: Receiving Water: Groundwater Status: Deemed Groundwater Regulations Authorisation Positional Accuracy: Located by supplier to within 100m	F14NW (NW)	51	2	483500 384600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	<p>Discharge Consents</p> <p>Operator: The Landmark Trust, Berkshire Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: The Chateau, Gate Burton Park, Nr Knaith, Lincolnshire Authority: Environment Agency, Midlands Region Catchment Area: Trent Catchment : Trent To Confluence With Idle Reference: Wq/72/3707 Permit Version: 1 Effective Date: 1st December 1983 Issued Date: 1st December 1983 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Underground Strata Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m</p>	F5NW (W)	128	2	482970 383400
4	<p>Discharge Consents</p> <p>Operator: Mr Martin Robert Lake Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: 2 Properties At Knaith Hill Knaith Hill, Knaith, Gainsborough, Lincolnshire Authority: Environment Agency, Midlands Region Catchment Area: Trent Catchment : Trent To Confluence With Idle Reference: T/69/45494/S Permit Version: 1 Effective Date: 1st August 2001 Issued Date: 1st August 2001 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Unnamed Trib River Trent Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	F13NW (NW)	240	2	482970 384760
	<p>Nearest Surface Water Feature</p>	F1SW (SW)	0	-	483064 382357
5	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Not Given Location: Lincoln District Authority: Environment Agency, Anglian Region Pollutant: Unknown Note: Not Supplied Incident Date: 16th August 1993 Incident Reference: 1719 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m</p>	F15NE (N)	0	2	484600 384600
	<p>River Quality</p> <p>Name: Trent R GQA Grade: River Quality C Reach: A631 Gainsborough To Keadby Estimated Distance (km): 62.9 Flow Rate: Flow greater than 80 cumecs Flow Type: River Year: 2000</p>	F5SW (W)	0	2	482873 383165
	<p>Groundwater Vulnerability Map</p> <p>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: >90% Patchiness: Superficial Thickness: <3m Superficial Recharge: No Data</p>	(N)	0	3	484000 385196

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: Low</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: <90%</p> <p>Superficial Thickness: <3m</p> <p>Superficial Recharge: No Data</p>	F8SW (SE)	0	3	485000 383000
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: <90%</p> <p>Superficial Thickness: <3m</p> <p>Superficial Recharge: High</p>	(N)	0	3	483855 385000
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: 3-10m</p> <p>Superficial Recharge: High</p>	F6SE (S)	0	3	484000 382971
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability</p> <p>Combined Vulnerability: Medium</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: Low</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: <90%</p> <p>Superficial Thickness: <3m</p> <p>Superficial Recharge: Low</p>	F6SE (S)	0	3	484031 382973

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Groundwater Vulnerability Map</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: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: Low</p>	F3SW (S)	0	3	484201 382298
	<p>Groundwater Vulnerability Map</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: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: Low</p>	F3NW (S)	0	3	484431 382735
	<p>Groundwater Vulnerability Map</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: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: Low</p>	F8SW (SE)	0	3	484988 383000
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: High</p>	(S)	0	3	484021 382000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: Low</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: <90%</p> <p>Superficial Thickness: <3m</p> <p>Superficial Recharge: High</p>	(S)	0	3	484307 382000
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: <90%</p> <p>Superficial Thickness: <3m</p> <p>Superficial Recharge: High</p>	F10NW (NW)	0	3	483775 384096
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer</p> <p>Pollutant Speed: Intermediate</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: <90%</p> <p>Superficial Thickness: <3m</p> <p>Superficial Recharge: High</p>	F10SE (W)	0	3	483961 383551
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability</p> <p>Combined Vulnerability: Medium</p> <p>Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: 3-10m</p> <p>Superficial Recharge: High</p>	F6SE (S)	0	3	484000 383000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: >90% Superficial Thickness: 3-10m Superficial Recharge: High</p>	F6SE (S)	0	3	484000 382880
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: >90% Superficial Thickness: 3-10m Superficial Recharge: High</p>	F2NE (SW)	0	3	483858 382775
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: Low</p>	F6SE (S)	0	3	484148 383000
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: Low</p>	F2SE (S)	0	3	484000 382462

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: Low</p>	F10SE (NW)	0	3	484119 383778
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: Low</p>	F6SE (SW)	0	3	484000 383147
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Intermediate Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: High</p>	F10NW (NW)	0	3	483578 384000
	<p>Groundwater Vulnerability Map</p> <p>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: 3-10m Superficial Recharge: Medium</p>	F5SW (SW)	0	3	483000 383000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: 3-10m</p> <p>Superficial Recharge: High</p>	F5SW (SW)	0	3	483094 383000
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: 3-10m</p> <p>Superficial Recharge: High</p>	F6SW (SW)	0	3	483556 383000
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: <90%</p> <p>Superficial Thickness: <3m</p> <p>Superficial Recharge: High</p>	(NW)	0	3	483377 385129
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: <90%</p> <p>Superficial Thickness: <3m</p> <p>Superficial Recharge: High</p>	(N)	0	3	484000 385000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: <90%</p> <p>Superficial Thickness: 3-10m</p> <p>Superficial Recharge: Low</p>	F11NW (N)	0	3	484305 384083
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: <90%</p> <p>Superficial Thickness: 3-10m</p> <p>Superficial Recharge: Low</p>	(N)	0	3	484695 384972
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability</p> <p>Combined Vulnerability: Medium</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: Low</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: <90%</p> <p>Superficial Thickness: <3m</p> <p>Superficial Recharge: Low</p>	F16SW (NE)	0	3	485000 384351
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: >10m</p> <p>Superficial Recharge: Medium</p>	(SW)	0	3	483000 382000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: Low</p>	(SE)	0	3	485230 382000
	<p>Groundwater Vulnerability Map</p> <p>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: 3-10m Superficial Recharge: Medium</p>	F5NW (W)	0	3	483000 383238
	<p>Groundwater Vulnerability Map</p> <p>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: 3-10m Superficial Recharge: Medium</p>	F9SW (W)	0	3	483000 383566
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Intermediate Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: High</p>	F5NW (W)	0	3	483105 383452

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Intermediate Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: High</p>	F9NW (W)	0	3	483000 383947
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Intermediate Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: High</p>	F9NE (NW)	0	3	483267 383975
	<p>Groundwater Vulnerability Map</p> <p>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: 3-10m Superficial Recharge: High</p>	(S)	0	3	484000 382000
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: High</p>	(S)	0	3	484001 382000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: <3m</p> <p>Superficial Recharge: No Data</p>	(N)	0	3	484216 385000
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: <90%</p> <p>Superficial Thickness: <3m</p> <p>Superficial Recharge: High</p>	F9NE (NW)	0	3	483275 384000
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: <90%</p> <p>Superficial Thickness: <3m</p> <p>Superficial Recharge: High</p>	F10NE (N)	0	3	484000 384148
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: 3-10m</p> <p>Superficial Recharge: Medium</p>	F9NW (W)	0	3	483000 384000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: 3-10m</p> <p>Superficial Recharge: Medium</p>	F13SW (NW)	0	3	482907 384251
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability</p> <p>Combined Vulnerability: Medium</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: Low</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: <90%</p> <p>Superficial Thickness: <3m</p> <p>Superficial Recharge: Low</p>	F8SW (SE)	0	3	485000 383035
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability</p> <p>Combined Vulnerability: Medium</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: Low</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: <90%</p> <p>Superficial Thickness: <3m</p> <p>Superficial Recharge: Low</p>	F7NW (E)	0	3	484473 383521
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: Low</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: <90%</p> <p>Superficial Thickness: <3m</p> <p>Superficial Recharge: No Data</p>	F8SW (SE)	0	3	485041 383138

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High 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: <3m Superficial Recharge: No Data</p>	F12SW (E)	0	3	485000 383566
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: High</p>	F13SE (NW)	0	3	483180 384525
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: High</p>	F9NE (NW)	0	3	483396 384000
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: High</p>	F10NE (NW)	0	3	483864 384000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: High</p>	(S)	0	3	484155 382000
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: >90% Superficial Thickness: <3m Superficial Recharge: No Data</p>	(N)	0	3	484719 385333
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: Low</p>	(NE)	0	3	485000 385410
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: >90% Superficial Thickness: 3-10m Superficial Recharge: Medium</p>	F5NW (W)	0	3	482992 383512

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: >90% Superficial Thickness: 3-10m Superficial Recharge: Medium</p>	F9SW (W)	0	3	483000 383822
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: >90% Superficial Thickness: 3-10m Superficial Recharge: High</p>	F2NE (SW)	0	3	483834 382733
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: >90% Superficial Thickness: 3-10m Superficial Recharge: High</p>	F2NE (S)	0	3	484000 382757
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: Low</p>	F7SW (S)	0	3	484216 383000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer</p> <p>Pollutant Speed: Intermediate</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: <90%</p> <p>Superficial Thickness: <3m</p> <p>Superficial Recharge: High</p>	F10NE (NW)	0	3	484000 383976
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer</p> <p>Pollutant Speed: Intermediate</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: <90%</p> <p>Superficial Thickness: <3m</p> <p>Superficial Recharge: High</p>	F6NW (W)	0	3	483485 383405
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer</p> <p>Pollutant Speed: Intermediate</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: <90%</p> <p>Superficial Thickness: <3m</p> <p>Superficial Recharge: High</p>	F10SE (W)	0	3	484000 383566
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability</p> <p>Combined Vulnerability: Medium</p> <p>Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: 3-10m</p> <p>Superficial Recharge: High</p>	F5SW (SW)	0	3	483136 383000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data</p>	F4NW (SE)	0	3	485000 382817
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data</p>	(E)	0	3	486000 383000
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: >90% Superficial Thickness: <3m Superficial Recharge: No Data</p>	(N)	0	3	485000 385516
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: Low</p>	F11SW (NE)	0	3	484216 383566

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data</p>	F8NW (E)	0	3	485000 383462
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data</p>	(E)	0	3	486000 383566
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: 3-10m Superficial Recharge: Low</p>	F15NE (NE)	0	3	484711 384680
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: 3-10m Superficial Recharge: Low</p>	F11NW (N)	0	3	484216 384000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: Low</p>	F12NW (NE)	0	3	485000 384000
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data</p>	(E)	0	3	486000 384000
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: >90% Superficial Thickness: <3m Superficial Recharge: No Data</p>	(N)	0	3	484752 385000
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: >90% Superficial Thickness: <3m Superficial Recharge: No Data</p>	(N)	0	3	484333 385000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: Low</p>	(NE)	0	3	485000 385000
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: >90% Superficial Thickness: 3-10m Superficial Recharge: Medium</p>	F13SW (NW)	0	3	482951 384266
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: High</p>	F13SE (NW)	0	3	483178 384522
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: High</p>	F10NE (NW)	0	3	484000 384000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Groundwater Vulnerability Map</p> <p>Combined Secondary Bedrock Aquifer - High Vulnerability Classification: High Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial <90% Patchiness: <3m Superficial Thickness: High Superficial Recharge: High</p>	F9NE (NW)	0	3	483344 384000
	<p>Groundwater Vulnerability Map</p> <p>Combined Secondary Bedrock Aquifer - High Vulnerability Classification: High Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial <90% Patchiness: <3m Superficial Thickness: High Superficial Recharge: High</p>	F9NW (W)	0	3	483072 384000
	<p>Groundwater Vulnerability Map</p> <p>Combined Secondary Bedrock Aquifer - Medium Vulnerability Classification: Medium Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial >90% Patchiness: 3-10m Superficial Thickness: High Superficial Recharge: High</p>	(SW)	0	3	483280 382000
	<p>Groundwater Vulnerability Map</p> <p>Combined Secondary Bedrock Aquifer - High Vulnerability Classification: High Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial <90% Patchiness: <3m Superficial Thickness: High Superficial Recharge: High</p>	(S)	0	3	484216 382000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: Low	(SE)	0	3	485000 382000
	Groundwater Vulnerability - Soluble Rock Risk None				
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	F10SE (NW)	0	3	484119 383778
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	(N)	0	3	483855 385000
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	(NE)	0	3	485000 385410
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B	F11SW (NE)	0	3	484216 383566
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B	F6NW (W)	0	3	483485 383405
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B	F12SW (E)	0	3	485000 383566
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B	(NW)	0	3	483377 385129
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B	(N)	0	3	485000 385516
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B	(N)	0	3	484216 385000
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B	(NE)	0	3	485000 385000
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	(N)	0	3	484216 385000
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	F6SE (S)	0	3	484031 382973
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	F11NW (N)	0	3	484305 384083
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	(N)	0	3	484695 384972
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	(SE)	0	3	485289 382075
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	F16SW (NE)	0	3	485000 384351
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	F8SW (SE)	0	3	485000 383035

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	F8SW (SE)	0	3	485041 383138
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	F7NW (E)	0	3	484473 383521
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	F12SW (E)	0	3	485000 383566
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	F3SW (S)	0	3	484201 382298
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	F3NW (S)	0	3	484431 382735
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	F1SE (SW)	0	2	483155 382232
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	F1SE (SW)	0	2	483155 382374
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	F5NW (W)	0	2	482850 383493
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	F1SE (SW)	0	2	483155 382354
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	F5NW (W)	0	2	482855 383493
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	F5NW (W)	0	2	482843 383518
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	F1NE (SW)	0	2	483155 382693
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	F9NW (NW)	0	2	482825 384198
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models and Fluvial Events Boundary Accuracy: As Supplied	F5SW (W)	0	2	483051 383142
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	F5NW (W)	3	2	482861 383480
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	F5NW (W)	12	2	482868 383480
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	F5NW (W)	23	2	482878 383455
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	F5NW (W)	41	2	482880 383455

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	F5NW (W)	47	2	482884 383443
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	F5NW (W)	55	2	482893 383443
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	F5NW (W)	74	2	482898 383418
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	F5NW (W)	76	2	483105 383318
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	F5NW (W)	172	2	482983 383270
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	F1NW (SW)	204	2	483130 382812
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	F5NW (W)	0	2	483061 383283
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
6	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 267.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	F15SE (N)	0	4	484507 384349
7	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1285.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	F11NE (NE)	0	4	484527 383921
8	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 451.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	F15NE (NE)	0	4	484749 384810
9	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	F4SW (SE)	0	4	484914 382499

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	F4SW (SE)	0	4	484915 382507
11	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 113.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	F4NW (SE)	0	4	484983 382585
12	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 242.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	F4NW (SE)	0	4	484936 382831
13	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	F4NW (SE)	0	4	484985 382596
14	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 159.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	F8SW (SE)	0	4	485034 383044
15	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 63.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	F8NW (E)	0	4	485089 383242
16	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 15.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	F8SW (SE)	0	4	485101 383182
17	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 678.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	F8SW (SE)	0	4	485109 383168
18	OS Water Network Lines Watercourse Form: Tidal river Watercourse Length: 1540.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Trent Catchment Name: Trent Primacy: 1	F5NW (W)	0	4	482879 383307

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
19	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 358.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	F10NE (N)	0	4	484098 383886
20	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 11.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	F10NE (N)	0	4	484098 383886
21	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 432.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	F11NW (N)	0	4	484197 383891
22	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 341.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	F11NW (N)	0	4	484293 383985
23	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 210.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	F14NE (N)	0	4	484115 384690
24	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 54.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	F14NW (N)	0	4	483742 384746
25	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 101.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	F14NW (N)	0	4	483711 384793
26	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	F14NW (N)	0	4	483718 384792
27	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 235.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	F14NW (N)	0	4	483716 384796

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
28	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 194.5 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	F15NW (N)	0	4	484275 384828
29	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 485.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	(NW)	0	4	483497 384906
30	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 496.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Not Supplied Primacy: 1	(NW)	0	4	483599 384901
31	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 344.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	F2SW (S)	0	4	483776 382238
32	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 429.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	F1SW (SW)	0	4	483139 382295
33	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 275.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	F1NW (SW)	0	4	483039 382568
34	OS Water Network Lines Watercourse Form: Tidal river Watercourse Length: 880.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Trent Catchment Name: Trent Primacy: 1	F5NW (W)	8	4	482872 383240
35	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 219.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	F6SE (S)	38	4	483977 382932
36	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 149.4 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	F4NE (SE)	64	4	485467 382670

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
37	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 146.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	F1NW (SW)	109	4	482983 382752
38	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 47.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	F2NE (SW)	138	4	483842 382795
39	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 28.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	F5NE (W)	187	4	483168 383419
40	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	F5NE (W)	208	4	483159 383393
41	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 78.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	F5NE (W)	216	4	483157 383383
42	OS Water Network Lines Watercourse Form: Tidal river Watercourse Length: 62.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	F5NW (W)	243	4	482933 383228
43	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 137.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	F1NW (SW)	249	4	482983 382752

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage Name: Bassetlaw District Council - Has no landfill data to supply		0	5	482880 383307
	Local Authority Landfill Coverage Name: West Lindsey District Council - Has no landfill data to supply		0	8	484216 383566
	Local Authority Landfill Coverage Name: Nottinghamshire County Council - Has no landfill data to supply		0	6	482880 383307
	Local Authority Landfill Coverage Name: Lincolnshire County Council - Had landfill data but passed it to the relevant environment agency		0	7	484216 383566

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Lias Group	F11SW (NE)	0	1	484216 383566
	BGS 1:625,000 Solid Geology Description: Triassic Rocks (Undifferentiated)	F10SE (W)	0	1	484064 383593
44	BGS Recorded Mineral Sites Site Name: Knaith Sand Pit Location: Knaith, Gainsborough, Lincolnshire Source: British Geological Survey, National Geoscience Information Service Reference: 106463 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Glaciofluvial Deposits, Mid Pleistocene Commodity: Sand Positional Accuracy: Located by supplier to within 10m	F13SW (NW)	0	1	483145 384356
45	BGS Recorded Mineral Sites Site Name: Central Park Farm Sand Pit Location: Knaith, Gainsborough, Lincolnshire Source: British Geological Survey, National Geoscience Information Service Reference: 106464 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Glaciofluvial Deposits, Mid Pleistocene Commodity: Sand Positional Accuracy: Located by supplier to within 10m	F14NW (NW)	0	1	483645 384603
46	BGS Recorded Mineral Sites Site Name: Broom Hills Pits Location: Knaith, Gainsborough, Lincolnshire Source: British Geological Survey, National Geoscience Information Service Reference: 106465 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Glaciofluvial Deposits, Mid Pleistocene Commodity: Sand Positional Accuracy: Located by supplier to within 10m	F14NW (N)	0	1	483808 384656
47	BGS Recorded Mineral Sites Site Name: Clay Farm Location: Gate Burton, Retford, Lincolnshire Source: British Geological Survey, National Geoscience Information Service Reference: 35634 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Alluvium Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	F8NW (E)	0	1	485135 383198
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	F8SW (SE)	0	1	485000 383035
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	F8SW (SE)	0	1	485041 383138
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	F12SW (E)	0	1	485000 383566

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	F11SW (NE)	0	1	484216 383566
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	F5NW (W)	0	1	482995 383201
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	F5NW (W)	0	1	482995 383201
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	F12SW (E)	0	1	485000 383566
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	F11SW (NE)	0	1	484216 383566
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	F8SW (SE)	0	1	485000 383035
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	F8SW (SE)	0	1	485041 383138
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	F11SW (NE)	0	1	484216 383566
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	F12SW (E)	0	1	485000 383566
	Potential for Landslide Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	F5NW (W)	0	1	482969 383389
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	F11SW (NE)	0	1	484216 383566
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	F12SW (E)	0	1	485000 383566
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	F1SE (SW)	0	1	483164 382209
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	F1SW (SW)	0	1	483135 382225
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	F5NW (W)	0	1	483000 383387
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	F9NW (W)	21	1	482809 384083
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	F5SW (W)	80	1	483081 383190
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	F6SE (S)	0	1	484031 382973
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	F5NW (W)	0	1	483025 383201
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	F13SW (NW)	0	1	482907 384251
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	F12SW (E)	0	1	485000 383566

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	F7NW (E)	0	1	484473 383521
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	F15NE (NE)	0	1	484711 384680
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	F11SW (NE)	0	1	484216 383566
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	F8NW (E)	0	1	485000 383462
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	F2NE (SW)	0	1	483858 382775
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	F3NW (S)	0	1	484431 382735
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	F3SW (S)	0	1	484201 382298
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	F8SW (SE)	0	1	485000 383035
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	F8SW (SE)	0	1	485041 383138
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	F11NW (N)	0	1	484305 384083
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	F16SW (NE)	0	1	485000 384351
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	F5NW (W)	0	1	482995 383201
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	F4NE (SE)	33	1	485197 382587
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	F13NW (NW)	214	1	482962 384854
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	F11SW (NE)	0	1	484216 383566
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	F12SW (E)	0	1	485000 383566
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	F12SW (E)	0	1	484853 383651
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	F1SW (SW)	0	1	483105 382486
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	F11NW (N)	0	1	484354 384176
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	F9NW (W)	0	1	482922 383923
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	F14SE (N)	0	1	484006 384294

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Potential for Shrinking or Swelling Clay Ground Stability Hazards</p> <p>Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service</p>	F3SE (S)	0	1	484750 382232
	<p>Potential for Shrinking or Swelling Clay Ground Stability Hazards</p> <p>Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service</p>	F15SE (N)	0	1	484509 384413
	<p>Potential for Shrinking or Swelling Clay Ground Stability Hazards</p> <p>Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service</p>	F6NW (W)	0	1	483485 383405
	<p>Potential for Shrinking or Swelling Clay Ground Stability Hazards</p> <p>Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service</p>	F5SE (SW)	23	1	483224 383012
	<p>Radon Potential - Radon Affected Areas</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). Source: British Geological Survey, National Geoscience Information Service</p>	F11SW (NE)	0	1	484216 383566
	<p>Radon Potential - Radon Affected Areas</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). Source: British Geological Survey, National Geoscience Information Service</p>	F12SW (E)	0	1	485000 383566
	<p>Radon Potential - Radon Protection Measures</p> <p>Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service</p>	F11SW (NE)	0	1	484216 383566
	<p>Radon Potential - Radon Protection Measures</p> <p>Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service</p>	F12SW (E)	0	1	485000 383566

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
48	<p>Contemporary Trade Directory Entries</p> <p>Name: Gate Burton Location: 1, Old Cottages, Gainsborough Road, Gate Burton, Gainsborough, Lincolnshire, DN21 5BA Classification: Horse Boxes & Transporting Status: Active Positional Accuracy: Automatically positioned to the address</p>	F2NE (S)	21	-	483821 382592

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
49	Ancient Woodland Name: Burton Wood Reference: 1105423 Area(m ²): 77307.04 Type: Ancient and Semi-Natural Woodland	F7NW (S)	0	9	484302 383323
50	Ancient Woodland Name: Burton Wood Reference: 1105423 Area(m ²): 36405.34 Type: Plantation on Ancient Woodland	F7NW (S)	0	9	484186 383276
51	Nitrate Vulnerable Zones Name: R Trent From Carlton-On-Trent To Laughton Drain Nvz Description: Surface Water Source: Environment Agency, Head Office	(SW)	0	3	483277 381561
52	Nitrate Vulnerable Zones Name: Marton Drain Catchment (Trib Of R Trent) Nvz Description: Surface Water Source: Environment Agency, Head Office	F6SE (SW)	0	3	483892 383116
53	Nitrate Vulnerable Zones Name: Seymour Drain Catchment (Trib Of River Trent) Nvz Description: Surface Water Source: Environment Agency, Head Office	(W)	0	3	482412 383357
54	Nitrate Vulnerable Zones Name: Lower Witham Nvz Description: Surface Water Source: Environment Agency, Head Office	F15SW (N)	0	3	484178 384317

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Bassetlaw District Council - Environmental Health Department Environment Agency - Head Office West Lindsey District Council - Environmental Health Department	January 2020 June 2020 September 2017	Annual Rolling Update Annually Annual Rolling Update
Discharge Consents Environment Agency - Anglian Region Environment Agency - Midlands Region	July 2021 July 2021	Quarterly Quarterly
Enforcement and Prohibition Notices Environment Agency - Anglian Region Environment Agency - Midlands Region	March 2013 March 2013	
Integrated Pollution Controls Environment Agency - Anglian Region Environment Agency - Midlands Region	January 2009 January 2009	
Integrated Pollution Prevention And Control Environment Agency - Anglian Region Environment Agency - Midlands Region	July 2021 July 2021	Quarterly Quarterly
Local Authority Integrated Pollution Prevention And Control Bassetlaw District Council - Environmental Health Department West Lindsey District Council - Environmental Health Department	August 2014 November 2014	Variable Variable
Local Authority Pollution Prevention and Controls Bassetlaw District Council - Environmental Health Department West Lindsey District Council - Environmental Health Department	August 2014 November 2014	Not Applicable Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Bassetlaw District Council - Environmental Health Department West Lindsey District Council - Environmental Health Department	August 2014 November 2014	Variable Variable
Nearest Surface Water Feature Ordnance Survey	August 2021	
Pollution Incidents to Controlled Waters Environment Agency - Midlands Region Environment Agency - Anglian Region	December 1999 September 1999	
Prosecutions Relating to Authorised Processes Environment Agency - Anglian Region Environment Agency - Midlands Region	July 2015 July 2015	
Prosecutions Relating to Controlled Waters Environment Agency - Anglian Region Environment Agency - Midlands Region	March 2013 March 2013	
Registered Radioactive Substances Environment Agency - Anglian Region Environment Agency - Midlands Region	June 2016 June 2016	Annually Annually
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	April 2012	Annually
River Quality Chemistry Sampling Points Environment Agency - Head Office	April 2012	Annually
Substantiated Pollution Incident Register Environment Agency - Anglian Region - Northern Area Environment Agency - Midlands Region - East Area Environment Agency - Midlands Region - Lower Trent Area	July 2021 July 2021 July 2021	Quarterly Quarterly Quarterly
Water Abstractions Environment Agency - Anglian Region Environment Agency - Midlands Region	July 2021 July 2021	Quarterly Quarterly


Agency & Hydrological	Version	Update Cycle
Water Industry Act Referrals Environment Agency - Anglian Region Environment Agency - Midlands Region	October 2017 October 2017	Quarterly Quarterly
Groundwater Vulnerability Map Environment Agency - Head Office	June 2018	As notified
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Superficial Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Source Protection Zones Environment Agency - Head Office	May 2021	Bi-Annually
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	September 2021	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	September 2021	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	September 2021	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	September 2021	Quarterly
Flood Defences Environment Agency - Head Office	September 2021	Quarterly
OS Water Network Lines Ordnance Survey	July 2021	Quarterly
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	Annually

Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	November 2002	Not Applicable
Historical Landfill Sites Environment Agency - Head Office	May 2021	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - Anglian Region Environment Agency - Midlands Region	January 2009 January 2009	Not Applicable Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - Anglian Region - Northern Area Environment Agency - Midlands Region - East Area Environment Agency - Midlands Region - Lower Trent Area	July 2021 July 2021 July 2021	Quarterly Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - Anglian Region - Northern Area Environment Agency - Midlands Region - East Area Environment Agency - Midlands Region - Lower Trent Area	July 2021 July 2021 July 2021	Quarterly Quarterly Quarterly
Local Authority Landfill Coverage Bassetlaw District Council - Environmental Health Department Lincolnshire County Council Nottinghamshire County Council - Environment Department West Lindsey District Council - Environmental Health Department	February 2003 February 2003 February 2003 February 2003	Not Applicable Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Bassetlaw District Council - Environmental Health Department Lincolnshire County Council Nottinghamshire County Council - Environment Department West Lindsey District Council - Environmental Health Department	October 2018 October 2018 October 2018 October 2018	
Registered Landfill Sites Environment Agency - Anglian Region - Northern Area Environment Agency - Midlands Region - East Area Environment Agency - Midlands Region - Lower Trent Area	March 2006 March 2006 March 2006	Not Applicable Not Applicable Not Applicable
Registered Waste Transfer Sites Environment Agency - Anglian Region - Northern Area Environment Agency - Midlands Region - East Area Environment Agency - Midlands Region - Lower Trent Area	April 2018 April 2018 April 2018	
Registered Waste Treatment or Disposal Sites Environment Agency - Anglian Region - Northern Area Environment Agency - Midlands Region - East Area Environment Agency - Midlands Region - Lower Trent Area	June 2015 June 2015 June 2015	

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	April 2018	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements Bassetlaw District Council - Environmental Health Department Nottinghamshire County Council Lincolnshire County Council - Highways and Planning Department West Lindsey District Council	April 2015 August 2007 August 2010 February 2016	Variable Variable Variable Variable
Planning Hazardous Substance Consents Bassetlaw District Council - Environmental Health Department Lincolnshire County Council - Highways and Planning Department Nottinghamshire County Council West Lindsey District Council	April 2015 August 2007 August 2007 February 2016	Variable Variable Variable Variable
Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	May 2021	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	As notified
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	Annually

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	July 2021	Quarterly
Fuel Station Entries Catalist Ltd - Experian	August 2021	Quarterly
Gas Pipelines National Grid	October 2021	Annually
Underground Electrical Cables National Grid	May 2021	Annually
Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	February 2021	Bi-Annually
Areas of Adopted Green Belt Bassetlaw District Council West Lindsey District Council	October 2020 October 2020	Quarterly Quarterly
Areas of Unadopted Green Belt Bassetlaw District Council West Lindsey District Council	October 2020 October 2020	Quarterly Quarterly
Areas of Outstanding Natural Beauty Natural England	January 2021	Bi-Annually
Environmentally Sensitive Areas Natural England	January 2017	
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	February 2021	Bi-Annually
Marine Nature Reserves Natural England	July 2019	Bi-Annually
National Nature Reserves Natural England	January 2021	Bi-Annually
National Parks Natural England	February 2018	Bi-Annually
Nitrate Sensitive Areas Natural England	April 2016	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Environment Agency - Head Office	April 2016 June 2017	Bi-Annually
Ramsar Sites Natural England	August 2020	Bi-Annually
Sites of Special Scientific Interest Natural England	February 2021	Bi-Annually
Special Areas of Conservation Natural England	July 2020	Bi-Annually
Special Protection Areas 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	 British Geological Survey <small>NATURAL ENVIRONMENT RESEARCH COUNCIL</small>
Centre for Ecology and Hydrology	 Centre for Ecology & Hydrology <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	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: [REDACTED]
2	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
4	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
5	Bassetlaw District Council - Environmental Health Department Queens Buildings, Potter Street, Worksop, Nottinghamshire, S80 2AH	Telephone: 01909 533533 Fax: 01909 731111 Website: www.bassetlaw.gov.uk
6	Nottinghamshire County Council - Environment Department 5th Floor, Trentbridge House, Fox Road, Nottingham, Nottinghamshire, NG2 6BJ	Telephone: 0115 977 4383 Website: www.nottinghamshire.gov.uk
7	Lincolnshire County Council 4th Floor, City Hall, Lincoln, Lincolnshire, LN1 1DN	Telephone: 01522 552222 Fax: 01522 552288 Email: PublicRelations@lincolnshire.gov.uk Website: www.lincolnshire.gov.uk
8	West Lindsey District Council - Environmental Health Department The Guildhall, Caskgate Street, Gainsborough, Lincolnshire, DN21 2DH	Telephone: 01427 676676 Fax: 01427 810623 Website: www.west-lindsey.gov.uk
9	Natural England County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: (REDACTED)
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: [REDACTED]
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: [REDACTED]

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Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

286968913_1_1

Customer Reference:

60664324

National Grid Reference:

486360, 383670

Slice:

G

Site Area (Ha):

1658.81

Search Buffer (m):

250

Site Details:

Marton
GAINSBOROUGH
Lincolnshire
DN21 5AA

Client Details:

Mr D Abberley
AECOM Ltd
Colmore Plaza
Colmore Circus
Queensway
Birmingham
B4 6AT

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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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Data Type	Page Number	On Site	0 to 250m (*up to 500m)
Agency & Hydrological			
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes
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Prosecutions Relating to Controlled Waters			n/a
Enforcement and Prohibition Notices			
Integrated Pollution Controls			
Integrated Pollution Prevention And Control			
Local Authority Integrated Pollution Prevention And Control			
Local Authority Pollution Prevention and Controls			
Local Authority Pollution Prevention and Control Enforcements			
Nearest Surface Water Feature	pg 4	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	pg 4		1
Water Abstractions			
Water Industry Act Referrals			
Groundwater Vulnerability Map	pg 4	Yes	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a
Bedrock Aquifer Designations	pg 11	Yes	n/a
Superficial Aquifer Designations	pg 11	Yes	n/a
Source Protection Zones			
Extreme Flooding from Rivers or Sea without Defences	pg 11	Yes	
Flooding from Rivers or Sea without Defences	pg 12	Yes	Yes
Areas Benefiting from Flood Defences			
Flood Water Storage Areas			
Flood Defences			
OS Water Network Lines	pg 12	28	24

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Historical Landfill Sites			
Integrated Pollution Control Registered Waste Sites			
Licensed Waste Management Facilities (Landfill Boundaries)			
Licensed Waste Management Facilities (Locations)	pg 19		1
Local Authority Landfill Coverage	pg 19	2	n/a
Local Authority Recorded Landfill Sites			
Registered Landfill Sites			
Registered Waste Transfer Sites			
Registered Waste Treatment or Disposal Sites			
Hazardous Substances			
Control of Major Accident Hazards Sites (COMAH)			
Explosive Sites			
Notification of Installations Handling Hazardous Substances (NIHHS)			
Planning Hazardous Substance Consents			
Planning Hazardous Substance Enforcements			
Geological			
BGS 1:625,000 Solid Geology	pg 20	Yes	n/a
BGS Recorded Mineral Sites			
CBSCB Compensation District			n/a
Coal Mining Affected Areas			n/a
Mining Instability			n/a
Man-Made Mining Cavities			
Natural Cavities			
Non Coal Mining Areas of Great Britain			
Potential for Collapsible Ground Stability Hazards	pg 20	Yes	
Potential for Compressible Ground Stability Hazards	pg 20	Yes	
Potential for Ground Dissolution Stability Hazards			
Potential for Landslide Ground Stability Hazards	pg 20	Yes	
Potential for Running Sand Ground Stability Hazards	pg 20	Yes	
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 20	Yes	
Radon Potential - Radon Affected Areas			n/a
Radon Potential - Radon Protection Measures			n/a

Data Type	Page Number	On Site	0 to 250m (*up to 500m)
Industrial Land Use			
Contemporary Trade Directory Entries			
Fuel Station Entries			
Gas Pipelines			
Underground Electrical Cables			
Sensitive Land Use			
Ancient Woodland			
Areas of Adopted Green Belt			
Areas of Unadopted Green Belt			
Areas of Outstanding Natural Beauty			
Environmentally Sensitive Areas			
Forest Parks			
Local Nature Reserves			
Marine Nature Reserves			
National Nature Reserves			
National Parks			
Nitrate Sensitive Areas			
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Ramsar Sites			
Sites of Special Scientific Interest			
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Special Protection Areas			
World Heritage Sites			

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	0	1	485000 382100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	0	1	485250 382050
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	G5NW (SW)	0	1	485600 383300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	0	1	485050 383050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	0	1	485150 382800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	G5SE (SW)	0	1	485850 383000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(W)	0	1	484950 383300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	0	1	486357 385000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NW)	0	1	485000 384750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(W)	0	1	485000 383800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(W)	0	1	485000 383350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	G10SW (SE)	0	1	486450 383550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	0	1	485100 382950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	0	1	485000 383650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	0	1	484900 382300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	0	1	484900 382350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	G10SW (SW)	0	1	486250 383550
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NW)	0	1	485300 384650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	0	1	485100 382750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	0	1	485100 383600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	0	1	485000 383671
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	0	1	485300 383600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NW)	0	1	485000 384650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(W)	0	1	485000 383950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	G13SW (NW)	0	1	485550 384250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(NW)	0	1	485000 385550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(NW)	0	1	485600 385400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SW)	0	1	485000 382950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	G5SW (SW)	0	1	485550 382950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	0	1	485000 384600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	0	1	485050 384600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NW)	0	1	485250 385000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NW)	0	1	485000 384950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(W)	0	1	485000 383200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NW)	0	1	485000 385200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	0	1	484850 383550
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(W)	0	1	484950 383550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	0	1	485000 384350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	0	1	485100 384400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	0	1	484950 385300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	0	1	485400 385300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	0	1	485550 385300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NW)	0	1	485000 385000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	0	1	486100 385550

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	G10SW (NW)	0	1	486357 383671
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(W)	0	1	485000 383750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(W)	0	1	485350 383700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(W)	0	1	485350 383600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	G11NW (SW)	0	1	485750 382600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SW)	0	1	485650 382150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NW)	0	1	485150 384950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	G9SE (W)	0	1	486050 383600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	G11NW (NE)	9	1	486950 383950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	24	1	485300 382600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	30	1	485500 382700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	32	1	485250 382250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	38	1	485200 382550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	65	1	485250 382550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	69	1	485350 382600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	80	1	485200 382500
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	G13SE (NW)	87	1	486050 384350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	133	1	485400 382550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	176	1	485300 382450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	180	1	485300 382100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	198	1	485450 382500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	199	1	485550 385250

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	202	1	486350 385000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	223	1	485350 382300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	245	1	485450 382450
	Nearest Surface Water Feature	G6NE (SE)	0	-	486646 383222
1	Substantiated Pollution Incident Register Authority: Environment Agency - Anglian Region, Northern Area Incident Date: 3rd August 2009 Incident Reference: 703483 Water Impact: Category 2 - Significant Incident Air Impact: Category 4 - No Impact Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Agricultural Materials and WastesSoil Conditioners	G13SE (N)	47	2	486098 384384
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High 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: <3m Superficial Recharge: No Data	G5SW (SW)	0	3	485526 382959
	Groundwater Vulnerability Map 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: <3m Superficial Recharge: Low	(SW)	0	3	484883 382327
	Groundwater Vulnerability Map 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: <3m Superficial Recharge: Low	(SW)	0	3	485000 383000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: <90%</p> <p>Superficial Thickness: 3-10m</p> <p>Superficial Recharge: Low</p>	(NW)	0	3	485000 384351
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability</p> <p>Combined Vulnerability: Medium</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: Low</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: <90%</p> <p>Superficial Thickness: <3m</p> <p>Superficial Recharge: Low</p>	(NW)	0	3	485108 384432
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: Low</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: <90%</p> <p>Superficial Thickness: <3m</p> <p>Superficial Recharge: Low</p>	(SW)	0	3	485636 382000
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability</p> <p>Combined Vulnerability: Medium</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: Low</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: <90%</p> <p>Superficial Thickness: <3m</p> <p>Superficial Recharge: Low</p>	(SW)	0	3	485000 383035

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Groundwater Vulnerability Map</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: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: Low</p>	(W)	0	3	485000 383671
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High 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: <3m Superficial Recharge: No Data</p>	(SW)	0	3	485485 383000
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High 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: <3m Superficial Recharge: No Data</p>	(W)	0	3	485282 383587
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: >90% Superficial Thickness: <3m Superficial Recharge: No Data</p>	(NW)	0	3	485000 385410

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: Low</p>	(NW)	0	3	485089 385439
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: Low</p>	(SW)	0	3	484988 383000
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data</p>	G5SE (SW)	0	3	486000 383000
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data</p>	G6SW (S)	0	3	486357 383000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: >90% Superficial Thickness: <3m Superficial Recharge: No Data</p>	(NW)	0	3	485000 385516
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: Low</p>	(W)	0	3	485000 383750
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data</p>	G9SE (W)	0	3	486000 383671
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data</p>	G10SW (NW)	0	3	486357 383671

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data</p>	G11SW (E)	0	3	487000 383671
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: 3-10m Superficial Recharge: Low</p>	(NW)	0	3	485000 384643
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: 3-10m Superficial Recharge: Low</p>	(W)	0	3	485000 384000
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: Low</p>	G9NE (NW)	0	3	486000 384000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data</p>	G10NW (N)	0	3	486357 384000
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: >90% Superficial Thickness: <3m Superficial Recharge: No Data</p>	(NW)	0	3	485000 385000
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: Low</p>	(N)	0	3	486000 385000
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: High</p>	(SW)	0	3	485000 382000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: Low	(SW)	0	3	485230 382000
	Groundwater Vulnerability - Soluble Rock Risk None				
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	(NW)	0	3	485000 385410
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	(NW)	0	3	485089 385439
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B	(W)	0	3	485000 383671
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B	G10SW (NW)	0	3	486357 383671
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B	(NW)	0	3	485000 385516
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B	(NW)	0	3	485000 385000
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B	(N)	0	3	486357 385000
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	(NW)	0	3	485000 384351
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	(SW)	0	3	485646 382133
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	(NW)	0	3	485108 384432
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	(SW)	0	3	485000 383035
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	G5SW (SW)	0	3	485526 382959
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	(W)	0	3	485000 383671
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	(W)	0	3	485282 383587
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	(SW)	0	3	484883 382327
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	G5SE (S)	0	2	486030 382860

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	G11SW (E)	0	2	486860 383845
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	G11SW (E)	0	2	486870 383850
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	G5SE (S)	72	2	486030 382860
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
2	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 466.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Not Supplied Primacy: 1	G10SW (NE)	0	4	486407 383749
3	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 395.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Not Supplied Primacy: 1	G14SW (N)	0	4	486329 384232
4	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 472.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	G10NW (N)	0	4	486397 383894
5	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 111.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	G10SW (NE)	0	4	486407 383749
6	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 329.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	G10SW (NE)	0	4	486515 383774
7	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 269.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	G10SE (E)	0	4	486693 383679

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1285.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	G9NW (NW)	0	4	485721 384183
9	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 247.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	G9NW (NW)	0	4	485734 384187
10	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 700.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	G5NE (SW)	0	4	486115 383511
11	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 202.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	G6NE (SE)	0	4	486646 383222
12	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 133.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	G6SE (SE)	0	4	486580 383181
13	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	G6SE (SE)	0	4	486585 383184
14	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 71.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	G6NE (SE)	0	4	486636 383216
15	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 264.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	G6NE (SE)	0	4	486646 383222
16	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 633.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	G9SE (W)	0	4	486038 383658

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
17	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 167.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	G5NE (SW)	0	4	486115 383512
18	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 757.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	G10SW (W)	0	4	486200 383724
19	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 656.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 2	G6NW (S)	0	4	486317 383490
20	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 161.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	G14SW (N)	0	4	486319 384232
21	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 20.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	G14SW (N)	0	4	486322 384212
22	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	G14SW (N)	0	4	486319 384232
23	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	G14SW (N)	0	4	486323 384207
24	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	G14SW (N)	0	4	486328 384232
25	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 135.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	G6NE (SE)	0	4	486752 383419

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
26	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 61.5 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	G10NE (NE)	0	4	486828 383877
27	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 418.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	G7NW (SE)	0	4	486872 383358
28	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 494.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Padmoor Drain Catchment Name: Witham Primacy: 1	G11SW (E)	0	4	486899 383841
29	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 571.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	G5SW (SW)	0	4	485774 383082
30	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 762.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Padmoor Drain Catchment Name: Witham Primacy: 1	G10NE (NE)	5	4	486858 384030
31	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 148.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Padmoor Drain Catchment Name: Witham Primacy: 1	G11NW (E)	5	4	486889 383885
32	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	G6SW (S)	6	4	486466 383112
33	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 13.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	G6SW (S)	13	4	486459 383108
34	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	G10NE (NE)	25	4	486850 384026

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
35	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Padmoor Drain Catchment Name: Witham Primacy: 1	G11SE (E)	26	4	487231 383545
36	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	G6SW (S)	26	4	486448 383102
37	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 33.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	G11SE (E)	26	4	487230 383545
38	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 153.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	G11SE (E)	34	4	487243 383656
39	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 88.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	G6SW (S)	34	4	486441 383099
40	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 512.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Padmoor Drain Catchment Name: Witham Primacy: 1	G11SE (E)	36	4	487239 383541
41	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	G11SE (E)	36	4	487239 383541
42	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	G7NE (E)	48	4	487228 383512
43	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	G5SE (SW)	61	4	486013 382884

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
44	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 149.4 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	G1NW (SW)	64	4	485612 382707
45	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 404.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	G5SE (SW)	70	4	486015 382875
46	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 275.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	G1NW (SW)	82	4	485716 382684
47	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	G11SE (E)	106	4	487244 383695
48	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 129.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	G11SE (E)	111	4	487245 383702
49	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	G13SW (NW)	191	4	485797 384408
50	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 149.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	G13SW (NW)	198	4	485800 384415
51	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	G11SE (E)	208	4	487246 383834
52	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 160.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	G11SE (E)	209	4	487246 383834

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
53	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 295.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	G14NE (N)	246	4	486615 384710

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
54	<p>Licensed Waste Management Facilities (Locations)</p> <p>Licence Number: 405626 Location: Park Farm, Gainsborough Road, Willingham By Stow, Gainsborough, Lincolnshire, DN21 5JX Operator Name: G H By Products (Derby) Limited Operator Location: Not Supplied Authority: Environment Agency - Midlands Region, East Area Site Category: Household, Commercial And Industrial Transfer Stations Licence Status: Modified Issued: 4th February 2020 Last Modified: 13th November 2020 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	G13SE (N)	53	2	486083 384420
	<p>Local Authority Landfill Coverage</p> <p>Name: West Lindsey District Council - Has no landfill data to supply</p>		0	5	486357 383671
	<p>Local Authority Landfill Coverage</p> <p>Name: Lincolnshire County Council - Had landfill data but passed it to the relevant environment agency</p>		0	6	486357 383671

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Lias Group	G10SW (NW)	0	1	486357 383671
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	G5SW (SW)	0	1	485526 382959
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	G10SW (NW)	0	1	486357 383671
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	G10SW (NW)	0	1	486357 383671
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	G5SW (SW)	0	1	485526 382959
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	G10SW (NW)	0	1	486357 383671
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	G10SW (NW)	0	1	486357 383671
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	G10SW (NW)	0	1	486357 383671
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	G5SW (SW)	0	1	485526 382959
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	G10SW (NW)	0	1	486357 383671
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	G10SW (NW)	0	1	486357 383671
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	G10SW (NW)	0	1	486357 383671

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
55	Nitrate Vulnerable Zones Name: R Trent From Carlton-On-Trent To Laughton Drain Nvz Description: Surface Water Source: Environment Agency, Head Office	G10SW (W)	0	3	486201 383723
56	Nitrate Vulnerable Zones Name: Lower Witham Nvz Description: Surface Water Source: Environment Agency, Head Office	G10SW (NW)	0	3	486357 383671




Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Environment Agency - Head Office West Lindsey District Council - Environmental Health Department	June 2020 September 2017	Annually Annual Rolling Update
Discharge Consents Environment Agency - Anglian Region Environment Agency - Midlands Region	July 2021 July 2021	Quarterly Quarterly
Enforcement and Prohibition Notices Environment Agency - Anglian Region	March 2013	
Integrated Pollution Controls Environment Agency - Anglian Region	January 2009	
Integrated Pollution Prevention And Control Environment Agency - Anglian Region	July 2021	Quarterly
Local Authority Integrated Pollution Prevention And Control West Lindsey District Council - Environmental Health Department	November 2014	Variable
Local Authority Pollution Prevention and Controls West Lindsey District Council - Environmental Health Department	November 2014	Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements West Lindsey District Council - Environmental Health Department	November 2014	Variable
Nearest Surface Water Feature Ordnance Survey	August 2021	
Pollution Incidents to Controlled Waters Environment Agency - Midlands Region Environment Agency - Anglian Region	December 1999 September 1999	
Prosecutions Relating to Authorised Processes Environment Agency - Anglian Region	July 2015	
Prosecutions Relating to Controlled Waters Environment Agency - Anglian Region	March 2013	
Registered Radioactive Substances Environment Agency - Anglian Region	June 2016	Annually
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	April 2012	Annually
River Quality Chemistry Sampling Points Environment Agency - Head Office	April 2012	Annually
Substantiated Pollution Incident Register Environment Agency - Anglian Region - Northern Area	July 2021	Quarterly
Water Abstractions Environment Agency - Anglian Region Environment Agency - Midlands Region	July 2021 July 2021	Quarterly Quarterly
Water Industry Act Referrals Environment Agency - Anglian Region	October 2017	Quarterly
Groundwater Vulnerability Map Environment Agency - Head Office	June 2018	As notified
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Superficial Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Source Protection Zones Environment Agency - Head Office	May 2021	Bi-Annually

Agency & Hydrological	Version	Update Cycle
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	September 2021	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	September 2021	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	September 2021	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	September 2021	Quarterly
Flood Defences Environment Agency - Head Office	September 2021	Quarterly
OS Water Network Lines Ordnance Survey	July 2021	Quarterly
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	Annually
Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	November 2002	Not Applicable
Historical Landfill Sites Environment Agency - Head Office	May 2021	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - Anglian Region	January 2009	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - Anglian Region - Northern Area	July 2021	Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - Anglian Region - Northern Area Environment Agency - Midlands Region - East Area	July 2021 July 2021	Quarterly Quarterly
Local Authority Landfill Coverage Lincolnshire County Council West Lindsey District Council - Environmental Health Department	February 2003 February 2003	Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Lincolnshire County Council West Lindsey District Council - Environmental Health Department	October 2018 October 2018	
Registered Landfill Sites Environment Agency - Anglian Region - Northern Area	March 2006	Not Applicable
Registered Waste Transfer Sites Environment Agency - Anglian Region - Northern Area	April 2018	
Registered Waste Treatment or Disposal Sites Environment Agency - Anglian Region - Northern Area	June 2015	

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	April 2018	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements Lincolnshire County Council - Highways and Planning Department West Lindsey District Council	August 2010 February 2016	Variable Variable
Planning Hazardous Substance Consents Lincolnshire County Council - Highways and Planning Department West Lindsey District Council	August 2007 February 2016	Variable Variable
Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	May 2021	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	As notified
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	Annually

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	July 2021	Quarterly
Fuel Station Entries Catalist Ltd - Experian	August 2021	Quarterly
Gas Pipelines National Grid	October 2021	Annually
Underground Electrical Cables National Grid	May 2021	Annually
Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	February 2021	Bi-Annually
Areas of Adopted Green Belt West Lindsey District Council	October 2020	Quarterly
Areas of Unadopted Green Belt West Lindsey District Council	October 2020	Quarterly
Areas of Outstanding Natural Beauty Natural England	January 2021	Bi-Annually
Environmentally Sensitive Areas Natural England	January 2017	
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	February 2021	Bi-Annually
Marine Nature Reserves Natural England	July 2019	Bi-Annually
National Nature Reserves Natural England	January 2021	Bi-Annually
National Parks Natural England	February 2018	Bi-Annually
Nitrate Sensitive Areas Natural England	April 2016	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Environment Agency - Head Office	April 2016 June 2017	Bi-Annually
Ramsar Sites Natural England	August 2020	Bi-Annually
Sites of Special Scientific Interest Natural England	February 2021	Bi-Annually
Special Areas of Conservation Natural England	July 2020	Bi-Annually
Special Protection Areas 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	 British Geological Survey <small>NATURAL ENVIRONMENT RESEARCH COUNCIL</small>
Centre for Ecology and Hydrology	 Centre for Ecology & Hydrology <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	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: [REDACTED]
2	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
4	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
5	West Lindsey District Council - Environmental Health Department The Guildhall, Caskgate Street, Gainsborough, Lincolnshire, DN21 2DH	Telephone: 01427 676676 Fax: 01427 810623 Website: www.west-lindsey.gov.uk
6	Lincolnshire County Council 4th Floor, City Hall, Lincoln, Lincolnshire, LN1 1DN	Telephone: 01522 552222 Fax: 01522 552288 Email: PublicRelations@lincolnshire.gov.uk Website: www.lincolnshire.gov.uk
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: [REDACTED]
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: [REDACTED]

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

Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

286968913_1_1

Customer Reference:

60664324

National Grid Reference:

484410, 385440

Slice:

H

Site Area (Ha):

1658.81

Search Buffer (m):

250

Site Details:

Marton
GAINSBOROUGH
Lincolnshire
DN21 5AA

Client Details:

Mr D Abberley
AECOM Ltd
Colmore Plaza
Colmore Circus
Queensway
Birmingham
B4 6AT

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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 (*up to 500m)
Agency & Hydrological			
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes
Contaminated Land Register Entries and Notices			
Discharge Consents	pg 5		3
Prosecutions Relating to Controlled Waters			n/a
Enforcement and Prohibition Notices			
Integrated Pollution Controls			
Integrated Pollution Prevention And Control			
Local Authority Integrated Pollution Prevention And Control			
Local Authority Pollution Prevention and Controls			
Local Authority Pollution Prevention and Control Enforcements			
Nearest Surface Water Feature	pg 5	Yes	
Pollution Incidents to Controlled Waters	pg 5	1	1
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			
Water Industry Act Referrals			
Groundwater Vulnerability Map	pg 6	Yes	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a
Bedrock Aquifer Designations	pg 12	Yes	n/a
Superficial Aquifer Designations	pg 13	Yes	n/a
Source Protection Zones			
Extreme Flooding from Rivers or Sea without Defences	pg 13	Yes	
Flooding from Rivers or Sea without Defences	pg 13	Yes	
Areas Benefiting from Flood Defences			
Flood Water Storage Areas			
Flood Defences			
OS Water Network Lines	pg 13	21	30

Data Type	Page Number	On Site	0 to 250m (*up to 500m)
Waste			
BGS Recorded Landfill Sites			
Historical Landfill Sites			
Integrated Pollution Control Registered Waste Sites			
Licensed Waste Management Facilities (Landfill Boundaries)			
Licensed Waste Management Facilities (Locations)			
Local Authority Landfill Coverage	pg 20	2	n/a
Local Authority Recorded Landfill Sites			
Registered Landfill Sites			
Registered Waste Transfer Sites			
Registered Waste Treatment or Disposal Sites			
Hazardous Substances			
Control of Major Accident Hazards Sites (COMAH)			
Explosive Sites			
Notification of Installations Handling Hazardous Substances (NIHHS)			
Planning Hazardous Substance Consents			
Planning Hazardous Substance Enforcements			
Geological			
BGS 1:625,000 Solid Geology	pg 21	Yes	n/a
BGS Recorded Mineral Sites	pg 21	1	2
CBSCB Compensation District			n/a
Coal Mining Affected Areas			n/a
Mining Instability			n/a
Man-Made Mining Cavities			
Natural Cavities			
Non Coal Mining Areas of Great Britain			
Potential for Collapsible Ground Stability Hazards	pg 21	Yes	
Potential for Compressible Ground Stability Hazards	pg 21		Yes
Potential for Ground Dissolution Stability Hazards			
Potential for Landslide Ground Stability Hazards	pg 22	Yes	
Potential for Running Sand Ground Stability Hazards	pg 22	Yes	Yes
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 23	Yes	
Radon Potential - Radon Affected Areas			n/a
Radon Potential - Radon Protection Measures			n/a

Data Type	Page Number	On Site	0 to 250m (*up to 500m)
Industrial Land Use			
Contemporary Trade Directory Entries			
Fuel Station Entries			
Gas Pipelines			
Underground Electrical Cables			
Sensitive Land Use			
Ancient Woodland	pg 25		1
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 25	3	
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
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	0	1	483000 384350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	0	1	483150 384550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	1	484550 384350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	H4NW (E)	0	1	485000 385350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	H3SE (SE)	0	1	484600 385000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SW)	0	1	483100 384700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	1	484200 384250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	0	1	484415 384800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	0	1	485600 384550
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	H4SW (SE)	0	1	485000 384950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	H3SW (S)	0	1	484415 385000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	0	1	483850 384400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	1	484300 384200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	0	1	484650 384350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	0	1	485000 384700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	0	1	483200 384500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SW)	0	1	483200 384200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	1	484415 384550
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	H2SE (SW)	0	1	483950 385100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	H7SE (NE)	0	1	484750 385600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	H4NW (E)	0	1	485000 385500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	1	484400 384650

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	0	1	484850 384650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	0	1	485000 384650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	H3NW (N)	0	1	484415 385450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	H3SW (S)	0	1	484300 385000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	1	484350 384850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	H4SW (E)	0	1	485000 385200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	H4SW (SE)	0	1	484950 385000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	H3NW (S)	0	1	484450 385250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	H3NE (E)	0	1	484700 385350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	H6NE (NW)	0	1	483900 385900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	H2SE (SW)	0	1	484100 385150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	H2NE (SW)	0	1	484050 385250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	1	484700 384650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	0	1	485000 384600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	H2NE (SW)	0	1	484100 385300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	H4NW (E)	0	1	484900 385400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	H4NW (E)	0	1	485000 385400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	H7SE (NE)	0	1	484750 385800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	H4NW (E)	0	1	485050 385441
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	H2SE (SW)	0	1	483850 385000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	H2SE (SW)	0	1	484100 385100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	H2SE (SW)	0	1	484100 385000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	0	1	483800 384200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	H3NW (NE)	0	1	484415 385441
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	H3SE (SE)	0	1	484700 385000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	H3NE (SE)	0	1	484750 385250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	H2NE (W)	0	1	483950 385550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	H7NE (NE)	0	1	484650 386000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	H8NW (NE)	0	1	485000 385950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	H2SW (SW)	0	1	483500 385050
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	H2SW (SW)	0	1	483800 385000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	H2SE (SW)	0	1	484150 385100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	H2SE (SW)	0	1	484150 385000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	0	1	484100 384850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	1	484450 384800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	H7NE (NE)	0	1	484700 386050
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	H8NW (NE)	0	1	485050 386000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	1	484250 384700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	1	484500 384750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	0	1	485950 384650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	H3SW (S)	0	1	484250 384950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	H2SE (SW)	0	1	483850 385050
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	H2SW (SW)	0	1	483650 385050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	H6NE (NW)	0	1	483850 385950

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SW)	0	1	482900 384700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	H4SW (SE)	0	1	485000 385000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	H3NE (E)	30	1	484550 385400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	H3NW (SW)	33	1	484250 385250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	H3NE (SE)	40	1	484700 385300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	52	1	482950 384200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	H3SW (S)	57	1	484300 385100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	H3SW (S)	78	1	484300 385150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	83	1	482850 384200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	87	1	486000 384400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	H7NE (N)	87	1	484650 386050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	H2NE (W)	107	1	484050 385500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	114	1	483100 384750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	115	1	482900 384400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	H7NE (N)	122	1	484550 386050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	H7SW (NW)	172	1	484200 385700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	H2NE (W)	181	1	484150 385450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	H1SW (W)	194	1	483000 385100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	H4NE (E)	199	1	485400 385300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	H4SE (E)	202	1	485450 385050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	H6SE (NW)	207	1	483950 385800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	H6SE (NW)	210	1	483950 385750

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	H1SW (W)	215	1	483000 385000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	228	1	482850 384450
1	Discharge Consents Operator: Anglian Water Services Limited Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Location: Kexby Pumping Station Kexby Lane, Kexby, Gainsborough, Lincolnshire, Dn21 5pg Authority: Environment Agency, Anglian Region Catchment Area: River Till Reference: Annnf13805 Permit Version: 1 Effective Date: 24th March 2006 Issued Date: 5th January 2007 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Unnamed Dyke Leading Padmoor D Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	H8SE (E)	68	2	485330 385600
1	Discharge Consents Operator: Anglian Water Services Limited Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Location: Kexby Pumping Station Kexby Lane, Kexby, Gainsborough, Lincolnshire, Dn21 5pg Authority: Environment Agency, Anglian Region Catchment Area: River Till Reference: Annnf13805 Permit Version: 1 Effective Date: 24th March 2006 Issued Date: 5th January 2007 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Unnamed Dyke Leading Padmoor D Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	H8SE (E)	68	2	485330 385600
2	Discharge Consents Operator: Anglian Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Div Stn 4 Kexby Lane, Extention 500 Yds Wst / Hill To Authority: Environment Agency, Anglian Region Catchment Area: Not Given Reference: Aw3nff385 Permit Version: 1 Effective Date: 21st June 1963 Issued Date: 21st June 1963 Revocation Date: 24th March 2006 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Unknown Trib. Status: Revoked: New Consent issued (Water Act 1989, Section 113) Positional Accuracy: Located by supplier to within 100m	H4NE (E)	89	2	485300 385500
	Nearest Surface Water Feature	H2SW (W)	0	-	483523 385138
3	Pollution Incidents to Controlled Waters Property Type: Cattle (Dairy) Farming: Other Location: Lincoln District Authority: Environment Agency, Anglian Region Pollutant: Organic Wastes: Cattle slurry Note: Till Incident Date: 30th July 1996 Incident Reference: 2523 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Poor Operational Practice Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	H8SE (E)	0	2	485200 385600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Not Given Location: Lincoln District Authority: Environment Agency, Anglian Region Pollutant: Unknown Note: Padmoor Drain Incident Date: 23rd June 1992 Incident Reference: 1390 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	H8SE (E)	109	2	485400 385700
	<p>Groundwater Vulnerability Map</p> <p>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: >90% Patchiness: <3m Thickness: No Data Superficial Recharge: No Data</p>	H3NW (NE)	0	3	484415 385441
	<p>Groundwater Vulnerability Map</p> <p>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: <90% Patchiness: <3m Thickness: High Superficial Recharge: High</p>	H2NE (W)	0	3	484000 385441
	<p>Groundwater Vulnerability Map</p> <p>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: <90% Patchiness: <3m Thickness: High Superficial Recharge: High</p>	H2SE (SW)	0	3	483855 385000
	<p>Groundwater Vulnerability Map</p> <p>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: <90% Patchiness: <3m Thickness: High Superficial Recharge: High</p>	H1NE (W)	0	3	483385 385310

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Groundwater Vulnerability Map</p> <p>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: <3m Superficial Recharge: High</p>	H2SE (SW)	0	3	484000 385196
	<p>Groundwater Vulnerability Map</p> <p>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: 3-10m Superficial Recharge: Low</p>	H3SW (S)	0	3	484333 385000
	<p>Groundwater Vulnerability Map</p> <p>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: 3-10m Superficial Recharge: Low</p>	H3SE (SE)	0	3	484671 385000
	<p>Groundwater Vulnerability Map</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: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: Low</p>	(SE)	0	3	485000 384643

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: <3m</p> <p>Superficial Recharge: No Data</p>	H3NW (S)	0	3	484447 385274
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: <90%</p> <p>Superficial Thickness: <3m</p> <p>Superficial Recharge: High</p>	(SW)	0	3	483103 384712
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: <90%</p> <p>Superficial Thickness: <3m</p> <p>Superficial Recharge: High</p>	H2SE (SW)	0	3	484000 385000
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: 3-10m</p> <p>Superficial Recharge: Medium</p>	(SW)	0	3	483000 384644

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: 3-10m</p> <p>Superficial Recharge: Medium</p>	(SW)	0	3	482900 384691
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: <90%</p> <p>Superficial Thickness: <3m</p> <p>Superficial Recharge: High</p>	(SW)	0	3	483150 384815
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: <3m</p> <p>Superficial Recharge: No Data</p>	H3NE (E)	0	3	484726 385384
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability</p> <p>Combined Vulnerability: Medium</p> <p>Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer</p> <p>Pollutant Speed: Low</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: <90%</p> <p>Superficial Thickness: <3m</p> <p>Superficial Recharge: Low</p>	H4NW (E)	0	3	485000 385441

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: <3m</p> <p>Superficial Recharge: No Data</p>	H7SE (NE)	0	3	484759 385629
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: <90%</p> <p>Superficial Thickness: 3-10m</p> <p>Superficial Recharge: Low</p>	H3SW (S)	0	3	484415 385000
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: <90%</p> <p>Superficial Thickness: 3-10m</p> <p>Superficial Recharge: Low</p>	(S)	0	3	484681 384339
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability</p> <p>Combined Vulnerability: Medium</p> <p>Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer</p> <p>Pollutant Speed: Low</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: <90%</p> <p>Superficial Thickness: <3m</p> <p>Superficial Recharge: Low</p>	H4SW (SE)	0	3	485000 385000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data</p>	(E)	0	3	486000 385000
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: >90% Superficial Thickness: <3m Superficial Recharge: No Data</p>	H3NE (E)	0	3	484719 385333
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: >90% Superficial Thickness: <3m Superficial Recharge: No Data</p>	H3NW (S)	0	3	484474 385239
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: Low</p>	H4NW (E)	0	3	485000 385410

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: <90%</p> <p>Superficial Thickness: <3m</p> <p>Superficial Recharge: No Data</p>	H7NE (NE)	0	3	484660 386000
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer</p> <p>Pollutant Speed: Low</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: <90%</p> <p>Superficial Thickness: <3m</p> <p>Superficial Recharge: No Data</p>	H8NW (NE)	0	3	485000 386000
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability</p> <p>Combined Vulnerability: Medium</p> <p>Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: 3-10m</p> <p>Superficial Recharge: Medium</p>	H1SW (W)	0	3	483000 384991
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: <90%</p> <p>Superficial Thickness: <3m</p> <p>Superficial Recharge: High</p>	H1SW (W)	0	3	483121 385000
	<p>Groundwater Vulnerability - Soluble Rock Risk</p> <p>None</p>				
	<p>Bedrock Aquifer Designations</p> <p>Aquifer Designation: Secondary Aquifer - Undifferentiated</p>	H2SE (SW)	0	3	483855 385000
	<p>Bedrock Aquifer Designations</p> <p>Aquifer Designation: Secondary Aquifer - Undifferentiated</p>	H3NW (NE)	0	3	484415 385441
	<p>Bedrock Aquifer Designations</p> <p>Aquifer Designation: Secondary Aquifer - Undifferentiated</p>	H4NW (E)	0	3	485000 385441

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B	H3SW (S)	0	3	484415 385000
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B	H1SE (W)	0	3	483147 385000
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B	H4SW (SE)	0	3	485000 385000
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B	H1NE (W)	0	3	483385 385310
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B	H7SE (NE)	0	3	484759 385629
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B	H3NW (S)	0	3	484447 385274
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B	H4NW (E)	0	3	485000 385410
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	H3NW (NE)	0	3	484415 385441
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	(SW)	0	3	482900 384691
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	H3SW (S)	0	3	484333 385000
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	H3SE (SE)	0	3	484671 385000
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	(SE)	0	3	485000 384643
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	H3NE (NE)	0	2	484585 385550
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	H7SE (NE)	0	2	484595 385560
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
5	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 312.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	H8NW (NE)	0	4	484936 386028
6	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 133.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	H3NE (E)	0	4	484538 385481

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 360.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	H7SE (NE)	0	4	484605 385596
8	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 785.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Padmoor Drain Catchment Name: Witham Primacy: 1	H7SE (NE)	0	4	484605 385596
9	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 76.8 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	H3SE (SE)	0	4	484657 385021
10	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 451.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	H3SE (SE)	0	4	484671 384891
11	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 168.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	H3SE (SE)	0	4	484732 385036
12	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 505.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	H4NW (E)	0	4	484945 385385
13	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 317.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	H8SW (NE)	0	4	484982 385788
14	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 235.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	H2SW (SW)	0	4	483805 384999
15	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 194.5 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	H3SW (S)	0	4	484328 385015

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
16	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 485.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	H2SW (SW)	0	4	483496 384972
17	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 496.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Not Supplied Primacy: 1	H2SW (SW)	0	4	483805 384999
18	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 304.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	H2SE (SW)	0	4	484065 385157
19	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 80.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	H2SW (W)	0	4	483506 385130
20	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 202.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	H1SE (W)	0	4	483411 385171
21	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 172.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	H2SW (W)	0	4	483660 385207
22	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 81.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	H1SE (W)	0	4	483288 385146
23	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 241.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	H1SE (W)	0	4	483284 385160
24	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	H2SE (SW)	0	4	484069 385160

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
25	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 470.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	H3NW (SE)	0	4	484455 385364
26	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 137.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	H3SE (SE)	3	4	484657 385021
27	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 156.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	H2NW (W)	5	4	483574 385427
28	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	H3SE (SE)	11	4	484667 384893
29	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 189.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	H1NE (W)	13	4	483429 385405
30	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 219.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	H3SE (SE)	15	4	484574 385213
31	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 138.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	H2NW (W)	16	4	483563 385439
32	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 97.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	H1NE (W)	17	4	483241 385382
33	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 208.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Padmoor Drain Catchment Name: Witham Primacy: 1	H8SE (E)	24	4	485323 385649

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
34	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 462.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	H7NE (N)	26	4	484572 385938
35	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 282.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	H7SW (N)	26	4	484330 385836
36	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	H8NE (NE)	29	4	485247 386062
37	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 231.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Padmoor Drain Catchment Name: Witham Primacy: 1	H8SE (NE)	31	4	485294 385833
38	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 580.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Padmoor Drain Catchment Name: Witham Primacy: 1	H8NE (NE)	39	4	485257 386062
39	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 2	H8SE (E)	56	4	485331 385629
40	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 2	H8SE (E)	60	4	485333 385624
41	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 2	H8SE (E)	69	4	485338 385615
42	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	H8SE (E)	71	4	485339 385613

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
43	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	H8SE (E)	80	4	485349 385611
44	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 315.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	H3SE (SE)	82	4	484574 385213
45	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 74.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	H8SE (E)	83	4	485353 385611
46	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	H1NW (W)	95	4	483144 385378
47	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 24.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	H1NW (W)	96	4	483144 385378
48	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 192.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	H3NW (SE)	110	4	484484 385380
49	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 76.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	H1NW (W)	114	4	483130 385317
50	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 74.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	H1NW (W)	119	4	483128 385301
51	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 408.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	H1NW (W)	120	4	483119 385376

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
52	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 118.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	H3NW (SE)	128	4	484488 385410
53	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 74.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	H8NW (NE)	129	4	484897 386143
54	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	H8SE (E)	151	4	485427 385607
55	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 180.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	H8SE (E)	155	4	485431 385606

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage Name: West Lindsey District Council - Has no landfill data to supply		0	5	484415 385441
	Local Authority Landfill Coverage Name: Lincolnshire County Council - Had landfill data but passed it to the relevant environment agency		0	6	484415 385441

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Lias Group	H3SW (S)	0	1	484478 385199
	BGS 1:625,000 Solid Geology Description: Triassic Rocks (Undifferentiated)	H3NW (NE)	0	1	484415 385441
56	BGS Recorded Mineral Sites Site Name: Stephenson'S Hill Farm Location: Knaith, Gainsborough, Lincolnshire Source: British Geological Survey, National Geoscience Information Service Reference: 106462 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Triassic Geology: Penarth Group Commodity: Sand Positional Accuracy: Located by supplier to within 10m	H1NE (W)	0	1	483457 385311
57	BGS Recorded Mineral Sites Site Name: Thurlby Farm Sand Pit Location: Lea, Gainsborough, Lincolnshire Source: British Geological Survey, National Geoscience Information Service Reference: 133331 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: River Terrace Deposits (Undifferentiated) Commodity: Sand Positional Accuracy: Located by supplier to within 10m	H7NE (N)	66	1	484618 385997
58	BGS Recorded Mineral Sites Site Name: Kexby Brick Yard Location: Kexby, Gainsborough, Lincolnshire Source: British Geological Survey, National Geoscience Information Service Reference: 106461 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Triassic - Jurassic Geology: Scunthorpe Mudstone Formation Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	H8SE (E)	88	1	485361 385788
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	H4SW (SE)	0	1	485000 385000
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	H3NW (NE)	0	1	484415 385441
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	H4NW (E)	0	1	485000 385441
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	H3SW (S)	0	1	484415 385000
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	H1NW (W)	100	1	483144 385316
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	H7NW (N)	103	1	484417 385891
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	H4SW (SE)	0	1	485000 385000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	H3SW (S)	0	1	484415 385000
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	H3NW (NE)	0	1	484415 385441
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	H4NW (E)	0	1	485000 385441
	Potential for Compressible Ground Stability Hazards Hazard Potential: High Source: British Geological Survey, National Geoscience Information Service	H1NW (W)	100	1	483144 385316
	Potential for Compressible Ground Stability Hazards Hazard Potential: High Source: British Geological Survey, National Geoscience Information Service	H7NW (N)	103	1	484417 385891
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	H3NW (NE)	0	1	484415 385441
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	H4NW (E)	0	1	485000 385441
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	H3SW (S)	0	1	484415 385000
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	H4SW (SE)	0	1	485000 385000
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	H3SW (S)	0	1	484415 385000
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	H3NW (NE)	0	1	484415 385441
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	H4NW (E)	0	1	485000 385441
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	H4SW (SE)	0	1	485000 385000
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	H3NW (NE)	0	1	484415 385441
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	H3SE (SE)	0	1	484671 385000
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	H4NW (E)	0	1	485000 385441
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	H3NE (E)	0	1	484726 385384
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	H3NW (S)	0	1	484474 385239
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	H3SW (S)	0	1	484415 385000
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	(S)	0	1	484681 384339
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	H4SW (SE)	0	1	485000 385000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	H3SW (S)	0	1	484333 385000
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	H1SW (W)	87	1	483116 385063
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	H1SW (W)	214	1	483001 385000
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	H1NW (W)	216	1	483030 385295
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	H1NE (W)	0	1	483385 385310
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	H3NW (NE)	0	1	484415 385441
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	H4NW (E)	0	1	485000 385441
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	H3SW (S)	0	1	484415 385000
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	H2SW (SW)	0	1	483693 385000
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	H4SW (SE)	0	1	485000 385000
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	H2NE (W)	0	1	484016 385445
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	H2SE (SW)	0	1	484107 385153
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	H1SE (SW)	0	1	483385 385000
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	H2SE (SW)	0	1	484127 385000
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	H1SE (W)	0	1	483147 385000
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	H3NW (N)	32	1	484406 385472
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	H3NW (SW)	35	1	484232 385227
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	H3SW (S)	0	1	484415 385001
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	H4SW (SE)	0	1	485000 385001
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	H3NW (NE)	0	1	484415 385441

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Radon Potential - Radon Affected Areas</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>	H4NW (E)	0	1	485000 385441
	<p>Radon Potential - Radon Protection Measures</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>	H3SW (S)	0	1	484415 385001
	<p>Radon Potential - Radon Protection Measures</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>	H4SW (SE)	0	1	485000 385001
	<p>Radon Potential - Radon Protection Measures</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>	H3NW (NE)	0	1	484415 385441
	<p>Radon Potential - Radon Protection Measures</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>	H4NW (E)	0	1	485000 385441

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
59	Ancient Woodland Name: Stag Wood Reference: 1105422 Area(m ²): 19262.4 Type: Ancient and Semi-Natural Woodland	H7SW (N)	175	7	484330 385836
60	Nitrate Vulnerable Zones Name: R Trent From Carlton-On-Trent To Laughton Drain Nvz Description: Surface Water Source: Environment Agency, Head Office	(SW)	0	3	483721 384450
61	Nitrate Vulnerable Zones Name: Seymour Drain Catchment (Trib Of River Trent) Nvz Description: Surface Water Source: Environment Agency, Head Office	(W)	0	3	482211 384975
62	Nitrate Vulnerable Zones Name: Lower Witham Nvz Description: Surface Water Source: Environment Agency, Head Office	H3NW (NE)	0	3	484415 385441

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Bassetlaw District Council - Environmental Health Department Environment Agency - Head Office West Lindsey District Council - Environmental Health Department	January 2020 June 2020 September 2017	Annual Rolling Update Annually Annual Rolling Update
Discharge Consents Environment Agency - Anglian Region Environment Agency - Midlands Region	July 2021 July 2021	Quarterly Quarterly
Enforcement and Prohibition Notices Environment Agency - Anglian Region Environment Agency - Midlands Region	March 2013 March 2013	
Integrated Pollution Controls Environment Agency - Anglian Region Environment Agency - Midlands Region	January 2009 January 2009	
Integrated Pollution Prevention And Control Environment Agency - Anglian Region Environment Agency - Midlands Region	July 2021 July 2021	Quarterly Quarterly
Local Authority Integrated Pollution Prevention And Control Bassetlaw District Council - Environmental Health Department West Lindsey District Council - Environmental Health Department	August 2014 November 2014	Variable Variable
Local Authority Pollution Prevention and Controls Bassetlaw District Council - Environmental Health Department West Lindsey District Council - Environmental Health Department	August 2014 November 2014	Not Applicable Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Bassetlaw District Council - Environmental Health Department West Lindsey District Council - Environmental Health Department	August 2014 November 2014	Variable Variable
Nearest Surface Water Feature Ordnance Survey	August 2021	
Pollution Incidents to Controlled Waters Environment Agency - Midlands Region Environment Agency - Anglian Region	December 1999 September 1999	
Prosecutions Relating to Authorised Processes Environment Agency - Anglian Region Environment Agency - Midlands Region	July 2015 July 2015	
Prosecutions Relating to Controlled Waters Environment Agency - Anglian Region Environment Agency - Midlands Region	March 2013 March 2013	
Registered Radioactive Substances Environment Agency - Anglian Region Environment Agency - Midlands Region	June 2016 June 2016	Annually Annually
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	April 2012	Annually
River Quality Chemistry Sampling Points Environment Agency - Head Office	April 2012	Annually
Substantiated Pollution Incident Register Environment Agency - Anglian Region - Northern Area Environment Agency - Midlands Region - East Area Environment Agency - Midlands Region - Lower Trent Area	July 2021 July 2021 July 2021	Quarterly Quarterly Quarterly
Water Abstractions Environment Agency - Anglian Region Environment Agency - Midlands Region	July 2021 July 2021	Quarterly Quarterly

Agency & Hydrological	Version	Update Cycle
Water Industry Act Referrals Environment Agency - Anglian Region Environment Agency - Midlands Region	October 2017 October 2017	Quarterly Quarterly
Groundwater Vulnerability Map Environment Agency - Head Office	June 2018	As notified
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Superficial Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Source Protection Zones Environment Agency - Head Office	May 2021	Bi-Annually
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	September 2021	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	September 2021	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	September 2021	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	September 2021	Quarterly
Flood Defences Environment Agency - Head Office	September 2021	Quarterly
OS Water Network Lines Ordnance Survey	July 2021	Quarterly
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	Annually

Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	November 2002	Not Applicable
Historical Landfill Sites Environment Agency - Head Office	May 2021	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - Anglian Region Environment Agency - Midlands Region	January 2009 January 2009	Not Applicable Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - Anglian Region - Northern Area Environment Agency - Midlands Region - East Area Environment Agency - Midlands Region - Lower Trent Area	July 2021 July 2021 July 2021	Quarterly Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - Anglian Region - Northern Area Environment Agency - Midlands Region - East Area Environment Agency - Midlands Region - Lower Trent Area	July 2021 July 2021 July 2021	Quarterly Quarterly Quarterly
Local Authority Landfill Coverage Bassetlaw District Council - Environmental Health Department Lincolnshire County Council Nottinghamshire County Council - Environment Department West Lindsey District Council - Environmental Health Department	February 2003 February 2003 February 2003 February 2003	Not Applicable Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Bassetlaw District Council - Environmental Health Department Lincolnshire County Council Nottinghamshire County Council - Environment Department West Lindsey District Council - Environmental Health Department	October 2018 October 2018 October 2018 October 2018	
Registered Landfill Sites Environment Agency - Anglian Region - Northern Area Environment Agency - Midlands Region - East Area Environment Agency - Midlands Region - Lower Trent Area	March 2006 March 2006 March 2006	Not Applicable Not Applicable Not Applicable
Registered Waste Transfer Sites Environment Agency - Anglian Region - Northern Area Environment Agency - Midlands Region - East Area Environment Agency - Midlands Region - Lower Trent Area	April 2018 April 2018 April 2018	
Registered Waste Treatment or Disposal Sites Environment Agency - Anglian Region - Northern Area Environment Agency - Midlands Region - East Area Environment Agency - Midlands Region - Lower Trent Area	June 2015 June 2015 June 2015	

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	April 2018	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements Bassetlaw District Council - Environmental Health Department Nottinghamshire County Council Lincolnshire County Council - Highways and Planning Department West Lindsey District Council	April 2015 August 2007 August 2010 February 2016	Variable Variable Variable Variable
Planning Hazardous Substance Consents Bassetlaw District Council - Environmental Health Department Lincolnshire County Council - Highways and Planning Department Nottinghamshire County Council West Lindsey District Council	April 2015 August 2007 August 2007 February 2016	Variable Variable Variable Variable
Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	May 2021	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	As notified
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	Annually

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	July 2021	Quarterly
Fuel Station Entries Catalist Ltd - Experian	August 2021	Quarterly
Gas Pipelines National Grid	October 2021	Annually
Underground Electrical Cables National Grid	May 2021	Annually
Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	February 2021	Bi-Annually
Areas of Adopted Green Belt Bassetlaw District Council West Lindsey District Council	October 2020 October 2020	Quarterly Quarterly
Areas of Unadopted Green Belt Bassetlaw District Council West Lindsey District Council	October 2020 October 2020	Quarterly Quarterly
Areas of Outstanding Natural Beauty Natural England	January 2021	Bi-Annually
Environmentally Sensitive Areas Natural England	January 2017	
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	February 2021	Bi-Annually
Marine Nature Reserves Natural England	July 2019	Bi-Annually
National Nature Reserves Natural England	January 2021	Bi-Annually
National Parks Natural England	February 2018	Bi-Annually
Nitrate Sensitive Areas Natural England	April 2016	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Environment Agency - Head Office	April 2016 June 2017	Bi-Annually
Ramsar Sites Natural England	August 2020	Bi-Annually
Sites of Special Scientific Interest Natural England	February 2021	Bi-Annually
Special Areas of Conservation Natural England	July 2020	Bi-Annually
Special Protection Areas 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	 British Geological Survey <small>NATURAL ENVIRONMENT RESEARCH COUNCIL</small>
Centre for Ecology and Hydrology	 Centre for Ecology & Hydrology <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	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: [REDACTED]
2	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
4	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
5	West Lindsey District Council - Environmental Health Department The Guildhall, Caskgate Street, Gainsborough, Lincolnshire, DN21 2DH	Telephone: 01427 676676 Fax: 01427 810623 Website: www.west-lindsey.gov.uk
6	Lincolnshire County Council 4th Floor, City Hall, Lincoln, Lincolnshire, LN1 1DN	Telephone: 01522 552222 Fax: 01522 552288 Email: PublicRelations@lincolnshire.gov.uk Website: www.lincolnshire.gov.uk
7	Natural England County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: (REDACTED)
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: [REDACTED]
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: [REDACTED]

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Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

286968913_1_1

Customer Reference:

60664324

National Grid Reference:

485520, 385640

Slice:

I

Site Area (Ha):

1658.81

Search Buffer (m):

250

Site Details:

Marton
GAINSBOROUGH
Lincolnshire
DN21 5AA

Client Details:

Mr D Abberley
AECOM Ltd
Colmore Plaza
Colmore Circus
Queensway
Birmingham
B4 6AT

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Summary	-
Agency & Hydrological	1
Waste	7
Hazardous Substances	-
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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 (*up to 500m)
Agency & Hydrological			
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes
Contaminated Land Register Entries and Notices			
Discharge Consents			
Prosecutions Relating to Controlled Waters			n/a
Enforcement and Prohibition Notices			
Integrated Pollution Controls			
Integrated Pollution Prevention And Control			
Local Authority Integrated Pollution Prevention And Control			
Local Authority Pollution Prevention and Controls			
Local Authority Pollution Prevention and Control Enforcements			
Nearest Surface Water Feature			
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			
Water Industry Act Referrals			
Groundwater Vulnerability Map	pg 2	Yes	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a
Bedrock Aquifer Designations	pg 5	Yes	n/a
Superficial Aquifer Designations	pg 5	Yes	n/a
Source Protection Zones			
Extreme Flooding from Rivers or Sea without Defences			
Flooding from Rivers or Sea without Defences			
Areas Benefiting from Flood Defences			
Flood Water Storage Areas			
Flood Defences			
OS Water Network Lines			

Data Type	Page Number	On Site	0 to 250m (*up to 500m)
Waste			
BGS Recorded Landfill Sites			
Historical Landfill Sites			
Integrated Pollution Control Registered Waste Sites			
Licensed Waste Management Facilities (Landfill Boundaries)			
Licensed Waste Management Facilities (Locations)			
Local Authority Landfill Coverage	pg 7	2	n/a
Local Authority Recorded Landfill Sites			
Registered Landfill Sites			
Registered Waste Transfer Sites			
Registered Waste Treatment or Disposal Sites			
Hazardous Substances			
Control of Major Accident Hazards Sites (COMAH)			
Explosive Sites			
Notification of Installations Handling Hazardous Substances (NIHHS)			
Planning Hazardous Substance Consents			
Planning Hazardous Substance Enforcements			
Geological			
BGS 1:625,000 Solid Geology	pg 8	Yes	n/a
BGS Recorded Mineral Sites			
CBSCB Compensation District			n/a
Coal Mining Affected Areas			n/a
Mining Instability			n/a
Man-Made Mining Cavities			
Natural Cavities			
Non Coal Mining Areas of Great Britain			
Potential for Collapsible Ground Stability Hazards	pg 8	Yes	
Potential for Compressible Ground Stability Hazards			
Potential for Ground Dissolution Stability Hazards			
Potential for Landslide Ground Stability Hazards	pg 8	Yes	
Potential for Running Sand Ground Stability Hazards			
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 8	Yes	
Radon Potential - Radon Affected Areas			n/a
Radon Potential - Radon Protection Measures			n/a

Data Type	Page Number	On Site	0 to 250m (*up to 500m)
Industrial Land Use			
Contemporary Trade Directory Entries			
Fuel Station Entries			
Gas Pipelines			
Underground Electrical Cables			
Sensitive Land Use			
Ancient Woodland			
Areas of Adopted Green Belt			
Areas of Unadopted Green Belt			
Areas of Outstanding Natural Beauty			
Environmentally Sensitive Areas			
Forest Parks			
Local Nature Reserves			
Marine Nature Reserves			
National Nature Reserves			
National Parks			
Nitrate Sensitive Areas			
Nitrate Vulnerable Zones	pg 9	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
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	I1NW (SE)	0	1	485750 385500
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	0	1	484950 385000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	I2SE (SE)	0	1	486800 385000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	0	1	485950 384850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	0	1	485450 385000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	0	1	485000 384750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	0	1	485000 384350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	I1SW (S)	0	1	485521 385000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(W)	0	1	485000 385643
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	I5SW (W)	0	1	485521 385643
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	0	1	485000 384650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	0	1	485050 384650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	0	1	485250 385200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	0	1	485000 385000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	0	1	485000 385350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	0	1	485000 384600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	1	485100 384600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	0	1	485000 385400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	0	1	485350 385400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	0	1	485000 385800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	I5SW (N)	0	1	485521 385650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	0	1	485000 385200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	0	1	485000 385950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	I5SW (N)	0	1	485521 385800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NW)	0	1	484950 386050
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	0	1	485500 385900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	0	1	486000 384700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	0	1	485150 385000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	I3SW (SE)	9	1	487000 385000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	87	1	486000 384400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NW)	87	1	484800 386150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	I1NW (S)	199	1	485521 385300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	I1NW (SE)	202	1	485800 385400
	Nearest Surface Water Feature None				
	Groundwater Vulnerability Map 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: <90% Patchiness: Superficial Superficial Thickness: 3-10m Superficial Recharge: Low	(SW)	0	2	485000 384643
	Groundwater Vulnerability Map 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: <90% Patchiness: Superficial Superficial Thickness: <3m Superficial Recharge: Low	(SW)	0	2	485056 384630

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: >90% Superficial Thickness: <3m Superficial Recharge: No Data	(W)	0	2	485000 385516
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: Low	(SW)	0	2	485089 385439
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: >90% Superficial Thickness: <3m Superficial Recharge: No Data	(W)	0	2	485000 385643
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: 3-10m Superficial Recharge: Low	(SW)	0	2	485000 385000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: <90%</p> <p>Superficial Thickness: 3-10m</p> <p>Superficial Recharge: Low</p>	(S)	0	2	485000 384351
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability</p> <p>Combined Vulnerability: Medium</p> <p>Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer</p> <p>Pollutant Speed: Low</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: <90%</p> <p>Superficial Thickness: <3m</p> <p>Superficial Recharge: Low</p>	I1SW (S)	0	2	485521 385000
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer</p> <p>Pollutant Speed: Low</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: <90%</p> <p>Superficial Thickness: <3m</p> <p>Superficial Recharge: No Data</p>	I1SE (SE)	0	2	486000 385000
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: <3m</p> <p>Superficial Recharge: No Data</p>	(SW)	0	2	485000 385410

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: Low	15SW (W)	0	2	485521 385643
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	(NW)	0	2	485000 386000
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	15NW (N)	0	2	485521 386000
	Groundwater Vulnerability - Soluble Rock Risk None				
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	(W)	0	2	485000 385516
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	(SW)	0	2	485089 385439
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B	(SW)	0	2	485000 385000
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B	11SW (S)	0	2	485521 385000
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B	(W)	0	2	485000 385643
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B	(SW)	0	2	485000 385410
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B	15SW (W)	0	2	485521 385643
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	(SW)	0	2	485000 384643

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	(SW)	0	2	485056 384630
	Extreme Flooding from Rivers or Sea without Defences None				
	Flooding from Rivers or Sea without Defences None				
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
	OS Water Network Lines None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage Name: West Lindsey District Council - Has no landfill data to supply		0	3	485521 385643
	Local Authority Landfill Coverage Name: Lincolnshire County Council - Had landfill data but passed it to the relevant environment agency		0	4	485521 385643

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Lias Group	I5SW (W)	0	1	485521 385643
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	I1SW (S)	0	1	485521 385000
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	I5SW (W)	0	1	485521 385643
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	I1SW (S)	0	1	485521 385000
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	I5SW (W)	0	1	485521 385643
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	I5SW (W)	0	1	485521 385643
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	I1SW (S)	0	1	485521 385000
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	I5SW (W)	0	1	485521 385643
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	I1SW (S)	0	1	485521 385000
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	I5SW (W)	0	1	485521 385643
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	I1SW (S)	0	1	485521 385000
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	I5SW (W)	0	1	485521 385643
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	I1SW (S)	0	1	485521 385000
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	I1SW (S)	0	1	485521 385001
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	I5SW (W)	0	1	485521 385643
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	I1SW (S)	0	1	485521 385001
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	I5SW (W)	0	1	485521 385643

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	Nitrate Vulnerable Zones Name: R Trent From Carlton-On-Trent To Laughton Drain Nvz Description: Surface Water Source: Environment Agency, Head Office	11SW (S)	0	2	485625 384981
2	Nitrate Vulnerable Zones Name: Lower Witham Nvz Description: Surface Water Source: Environment Agency, Head Office	15SW (W)	0	2	485521 385643













Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Environment Agency - Head Office West Lindsey District Council - Environmental Health Department	June 2020 September 2017	Annually Annual Rolling Update
Discharge Consents Environment Agency - Anglian Region	July 2021	Quarterly
Enforcement and Prohibition Notices Environment Agency - Anglian Region	March 2013	
Integrated Pollution Controls Environment Agency - Anglian Region	January 2009	
Integrated Pollution Prevention And Control Environment Agency - Anglian Region	July 2021	Quarterly
Local Authority Integrated Pollution Prevention And Control West Lindsey District Council - Environmental Health Department	November 2014	Variable
Local Authority Pollution Prevention and Controls West Lindsey District Council - Environmental Health Department	November 2014	Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements West Lindsey District Council - Environmental Health Department	November 2014	Variable
Nearest Surface Water Feature Ordnance Survey	August 2021	
Pollution Incidents to Controlled Waters Environment Agency - Anglian Region	September 1999	
Prosecutions Relating to Authorised Processes Environment Agency - Anglian Region	July 2015	
Prosecutions Relating to Controlled Waters Environment Agency - Anglian Region	March 2013	
Registered Radioactive Substances Environment Agency - Anglian Region	June 2016	Annually
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	April 2012	Annually
River Quality Chemistry Sampling Points Environment Agency - Head Office	April 2012	Annually
Substantiated Pollution Incident Register Environment Agency - Anglian Region - Northern Area	July 2021	Quarterly
Water Abstractions Environment Agency - Anglian Region	July 2021	Quarterly
Water Industry Act Referrals Environment Agency - Anglian Region	October 2017	Quarterly
Groundwater Vulnerability Map Environment Agency - Head Office	June 2018	As notified
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Superficial Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Source Protection Zones Environment Agency - Head Office	May 2021	Bi-Annually
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	September 2021	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	September 2021	Quarterly

Agency & Hydrological	Version	Update Cycle
Areas Benefiting from Flood Defences Environment Agency - Head Office	September 2021	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	September 2021	Quarterly
Flood Defences Environment Agency - Head Office	September 2021	Quarterly
OS Water Network Lines Ordnance Survey	July 2021	Quarterly
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	Annually
Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	November 2002	Not Applicable
Historical Landfill Sites Environment Agency - Head Office	May 2021	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - Anglian Region	January 2009	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - Anglian Region - Northern Area	July 2021	Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - Anglian Region - Northern Area	July 2021	Quarterly
Local Authority Landfill Coverage Lincolnshire County Council West Lindsey District Council - Environmental Health Department	February 2003 February 2003	Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Lincolnshire County Council West Lindsey District Council - Environmental Health Department	October 2018 October 2018	
Registered Landfill Sites Environment Agency - Anglian Region - Northern Area	March 2006	Not Applicable
Registered Waste Transfer Sites Environment Agency - Anglian Region - Northern Area	April 2018	
Registered Waste Treatment or Disposal Sites Environment Agency - Anglian Region - Northern Area	June 2015	
Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	April 2018	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements Lincolnshire County Council - Highways and Planning Department West Lindsey District Council	August 2010 February 2016	Variable Variable
Planning Hazardous Substance Consents Lincolnshire County Council - Highways and Planning Department West Lindsey District Council	August 2007 February 2016	Variable Variable

Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	May 2021	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	As notified
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	Annually
Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	July 2021	Quarterly
Fuel Station Entries Catalist Ltd - Experian	August 2021	Quarterly
Gas Pipelines National Grid	October 2021	Annually
Underground Electrical Cables National Grid	May 2021	Annually

Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	February 2021	Bi-Annually
Areas of Adopted Green Belt West Lindsey District Council	October 2020	Quarterly
Areas of Unadopted Green Belt West Lindsey District Council	October 2020	Quarterly
Areas of Outstanding Natural Beauty Natural England	January 2021	Bi-Annually
Environmentally Sensitive Areas Natural England	January 2017	
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	February 2021	Bi-Annually
Marine Nature Reserves Natural England	July 2019	Bi-Annually
National Nature Reserves Natural England	January 2021	Bi-Annually
National Parks Natural England	February 2018	Bi-Annually
Nitrate Sensitive Areas Natural England	April 2016	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Environment Agency - Head Office	April 2016 June 2017	Bi-Annually
Ramsar Sites Natural England	August 2020	Bi-Annually
Sites of Special Scientific Interest Natural England	February 2021	Bi-Annually
Special Areas of Conservation Natural England	July 2020	Bi-Annually
Special Protection Areas 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	 British Geological Survey <small>NATURAL ENVIRONMENT RESEARCH COUNCIL</small>
Centre for Ecology and Hydrology	 Centre for Ecology & Hydrology <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	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: [REDACTED]
2	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
3	West Lindsey District Council - Environmental Health Department The Guildhall, Caskgate Street, Gainsborough, Lincolnshire, DN21 2DH	Telephone: 01427 676676 Fax: 01427 810623 Website: www.west-lindsey.gov.uk
4	Lincolnshire County Council 4th Floor, City Hall, Lincoln, Lincolnshire, LN1 1DN	Telephone: 01522 552222 Fax: 01522 552288 Email: PublicRelations@lincolnshire.gov.uk Website: www.lincolnshire.gov.uk
5	Natural England County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: (REDACTED)
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: [REDACTED]
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: [REDACTED]

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