

# The Sizewell C Project

6.14 Environmental Statement Addendum Volume 3: Environmental Statement Addendum Appendices Chapter 2 Main Development Site Appendix 2.13.A Phase 2 Geo-Environmental Interpretative Report Part 2 of 25

Revision:2.0Applicable Regulation:Regulation 5(2)(a)PINS Reference Number:EN010012

January 2021

Planning Act 2008 Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009





A selection of organisations who provide data within this report

| Data Supplier                          | Data Supplier Logo  |
|--|---|
| Ordnance Survey                        | Licensed Partner  |
| Environment Agency                     | Environment<br>Agency   |
| Scottish Environment Protection Agency | SEEPAR<br>Scottish Environment<br>Protection Agency                       |
| The Coal Authority                     | THE<br>COAL<br>AUTHORITY  |
| British Geological Survey              | British<br>Geological Survey  |
| Centre for Ecology and Hydrology       | Centre for<br>Ecology & Hydrology<br>Natural environment research council |
| Countryside Council for Wales          | CYNGOR CEFN GWLAD CYMRU<br>COUNTRYSIDE COUNCIL FOR WALES                  |
| Scottish Natural Heritage              | SCOTTISH<br>NATURAL<br>HERITAGE   |
| Natural England                        | NATURAL<br>ENGLAND  |
| Health Protection Agency               | Health<br>Argency   |
| Ove Arup                               | ARUP  |
| Peter Brett Associates                 | peterbrett  |



## **Useful Contacts**

| Contact | Name and Address   | Contact Details   |  |  |  |  |
|---------|--|---|--|--|--|--|
| 1       | Environment Agency - National Customer Contact<br>Centre (NCCC)  | Telephone: 08708 506 506<br>Email: enquiries@environment-agency.gov.uk  |  |  |  |  |
|         | PO Box 544, Templeborough, Rotherham, S60 1BY  |   |  |  |  |  |
| 2       | British Geological Survey - Enquiry Service<br>British Geological Survey, Kingsley Dunham Centre, Keyworth,<br>Nottingham, Nottinghamshire, NG12 5GG             | Telephone: 0115 936 3143<br>Fax: 0115 936 3276<br>Email: enquiries@bgs.ac.uk<br>Website: www.bgs.ac.uk                          |  |  |  |  |
| 3       | Landmark Information Group Limited<br>5 - 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY   | Telephone: 01392 441761<br>Fax: 01392 441709<br>Email: cssupport@landmarkinfo.co.uk<br>Website: www.landmarkinfo.co.uk          |  |  |  |  |
| 4       | <b>Natural England</b><br>Northminster House, Northminster Road, Peterborough, Cambridgeshire,<br>PE1 1UA  | Telephone: 0845 600 3078<br>Fax: 01733 455103<br>Email: enquiries@naturalengland.org.uk<br>Website: www.naturalengland.org.uk   |  |  |  |  |
| 5       | Department for Environment, Food and Rural Affairs<br>(DEFRA - formerly FRCA)<br>Government Buildings, Otley Road, Lawnswood, Leeds, West Yorkshire,<br>LS16 5QT | Telephone: 0113 2613333<br>Fax: 0113 230 0879   |  |  |  |  |
| 6       | Suffolk County Council<br>St Edmund House, County Hall, Ipswich, Suffolk, IP4 1LZ  | Telephone: 01473 583000<br>Fax: 01473 230240<br>Website: www.suffolkcc.gov.uk   |  |  |  |  |
| 7       | Suffolk Coastal District Council - Environmental Health<br>Department<br>Council Offices, Melton Hill, Woodbridge, Suffolk, IP12 1AU                             | Telephone: 01394 383789 extn 2238<br>Fax: 01394 385100<br>Website: www.suffolkcoastal.gov.uk                                    |  |  |  |  |
| -       | Health Protection Agency - Radon Survey, Centre for<br>Radiation, Chemical and Environmental Hazards<br>Chilton, Didcot, Oxfordshire, OX11 0RQ                   | Telephone: 01235 822622<br>Fax: 01235 833891<br>Email: radon@hpa.org.uk<br>Website: www.hpa.org.uk                              |  |  |  |  |
| -       | Landmark Information Group Limited<br>The Smith Centre, Henley On Thames, Oxfordshire, RG9 6AB   | Telephone: 0844 844 9952<br>Fax: 0844 844 9951<br>Email: customerservices@landmarkinfo.co.uk<br>Website: www.landmarkinfo.co.uk |  |  |  |  |

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

## **Historical Mapping Legends**

| Ordnance Survey County Series 1:10,560   | Ordnance Survey Plan 1:10,000  | 1:10,000 Raster Mapping  |
|--|--|--|
| Gravel Sand Other<br>Pit Pit Pits  | رمینیک Chalk Pit, Clay Pit ورونیک Gravel Pit<br>کرین or Quarry   | Gravel Pit Gravel Pit or slag heap   |
| Orchard Quarry   | Sand Pit   | Rock Cock (scattered)  |
| A Reeds Marsh  | Refuse or Lake, Loch   | ົ້ໍ້ຈັ Boulders ໍ Boulders (scattered)   |
|  | Dunes 500 Boulders   | Shingle Mud Mud  |
| Mixed Wood Deciduous Brushwood   | ネネ Coniferous ふ  | Sand Sand Sand Pit   |
|  |  | Slopes Transmith Top of cliff  |
|  | ி ் Orchard இந்_ Scrub \Υ்னு Coppice   | General detail Underground detail  |
| Fir Furze Rough Pasture  | יזר Bracken איזענעי Heath איז  | — — — — Overhead detail <del>++++++++++</del> Narrow gauge<br>railway              |
| Arrow denotes Arrow denotes Trigonometrical flow of water Station                                    | عنين Marsh ۲۷٬۰٬ Reeds <u>عن</u> Saltings  | Multi-track Single track<br>railway railway Civil, parish c                        |
| - → Site of Antiquities  | Direction of Flow of Water<br>Building   | County boundary County, parising<br>(England only) community<br>District, Unitary, |
| Pump, Guide Post, Well, Spring,<br>Signal Post Boundary Post<br>• <b>285</b> Surface Level           | Sand Glasshouse  | Metropolitan, Constituency<br>London Borough boundary<br>boundary                  |
| Sketched Instrumental  | Pylon<br>—— □ — — Electricity<br>Transmission<br>Pole Line   | Area of wooded<br>↓ ↑ Area of wooded<br>↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓      |
| Main Roads Fenced Minor Roads Fenced   | ·  |  |
| Un-Fenced Un-Fenced  | Cutting Embankment Standard Gauge  |  |
| Sunken Road Raised Road  | Road '''∏''' Road Level Foot Single Track<br>Under Over Crossing Bridge  | 수 수 Orchard 《 Coppice<br>수 수   |
| Road over<br>Railway River   | Siding, Tramway<br>or Mineral Line<br>Narrow Gauge   | ்பிட Rough பிட்சு Heath  |
| Railway over Level Crossing  | Geographical County  | ∩Scrub _⊻∠Marsh, Salt<br>_⊻∠Marsh or Ree   |
| Road over<br>River or Canal Stream   | — — — — Administrative County, County Borough<br>or County of City<br>Municipal Borough, Urban or Rural District,          | Water feature Flow arrows  |
| Road over<br>Stream  | Burgh or District Council<br>Borough, Burgh or County Constituency<br>Shown only when not coincident with other boundaries | MHW(S) Mean high water (springs) Mean low water (springs)                          |
| ————— County Boundary (Geographical)   | — — — — Civil Parish<br>Shown alternately when coincidence of boundaries occurs  | Telephone line Electricity<br>(where shown) (with poles)                           |
| County & Civil Parish Boundary   | BP, BS Boundary Post or Stone Pol Sta Police Station   | (with poles)<br>← Bench mark _ Triangulation                                       |
| + · + · + · + · + Administrative County & Civil Parish Boundary<br>County Borough Boundary (England) | Ch Church PO Post Office<br>CH Club House PC Public Convenience  | Point feature Pylon flare s  |
|  | F E Sta Fire Engine Station PH Public House<br>FB Foot Bridge SB Signal Box<br>– – – – –                                   | <ul> <li>(e.g. Guide Post ⊠ or lighting tov<br/>or Mile Stone)</li> </ul>          |
| Co. Boro. Bdy.   |  |  |
|  | Fn Fountain Spr Spring<br>GP Guide Post TCB Telephone Call Box<br>MP Mile Post TCP Telephone Call Post                     | •‡• Site of (antiquity) Glasshouse   |

### ping

Underground detail Narrow gauge railway Single track railway Civil, parish or community boundary Constituency boundary

Non-coniferous

Marsh, Salt Marsh or Reeds

water (springs)

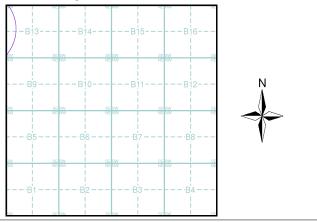
transmission line

Pylon, flare stack or lighting tower

# ame Historical Mapping & Photography included:

| Mapping Type         | Scale    | Date        | Pg |
|----------------------|----------|-------------|----|
| Suffolk              | 1:10,560 | 1883 - 1884 | 2  |
| Suffolk              | 1:10,560 | 1905        | 3  |
| Suffolk              | 1:10,560 | 1928        | 4  |
| Suffolk              | 1:10,560 | 1938        | 5  |
| Suffolk              | 1:10,560 | 1950 - 1951 | 6  |
| Ordnance Survey Plan | 1:10,000 | 1958        | 7  |
| Ordnance Survey Plan | 1:10,000 | 1976 - 1977 | 8  |
| 10K Raster Mapping   | 1:10,000 | 2012        | 9  |

### Historical Map - Slice B



### **Order Details**

Order Number: Customer Ref: National Grid Reference: 644390, 264080 Slice: Site Area (Ha): Search Buffer (m):

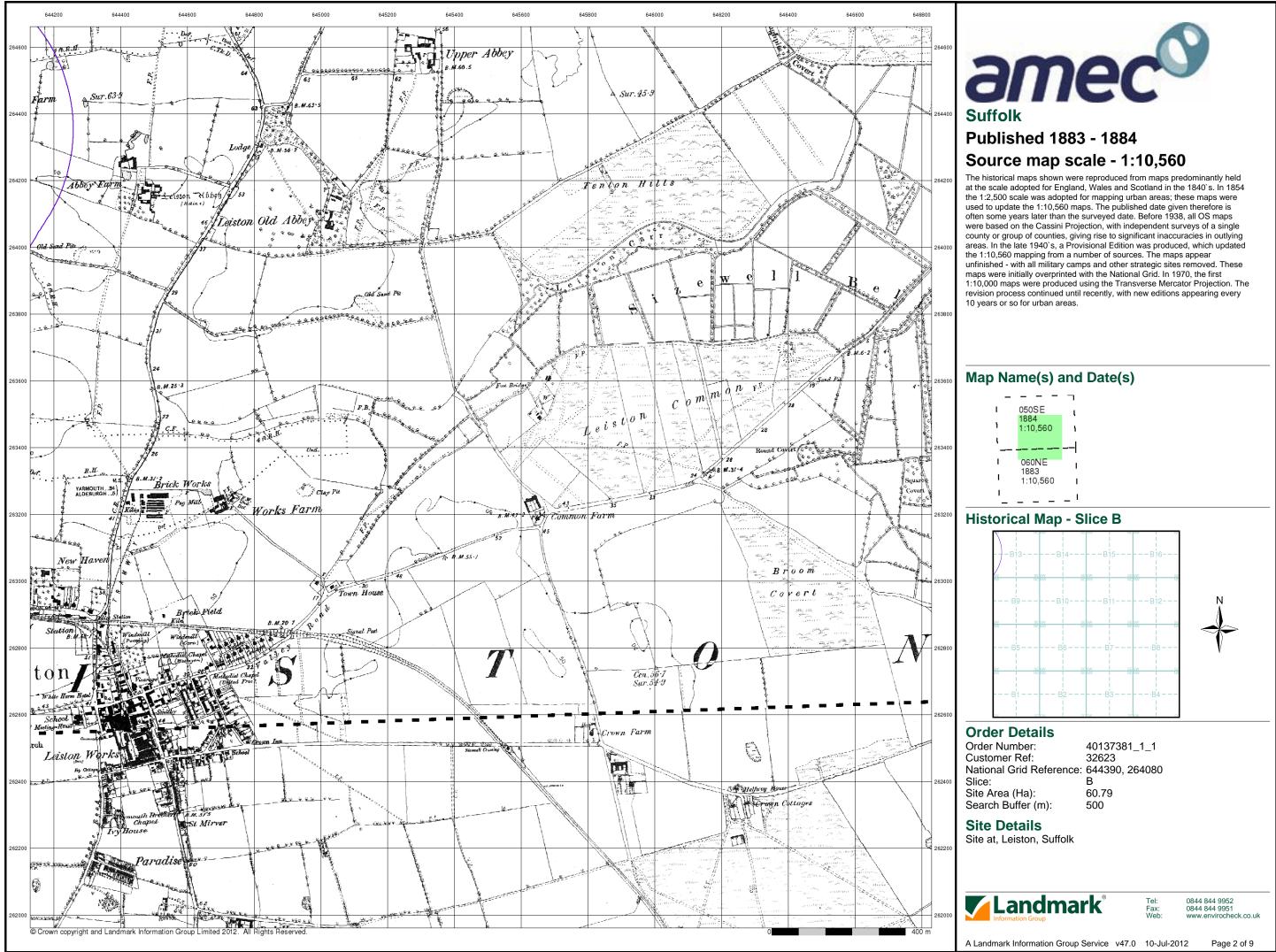
40137381\_1\_1 32623 В 60.79 500

Tel: Fax: Web:

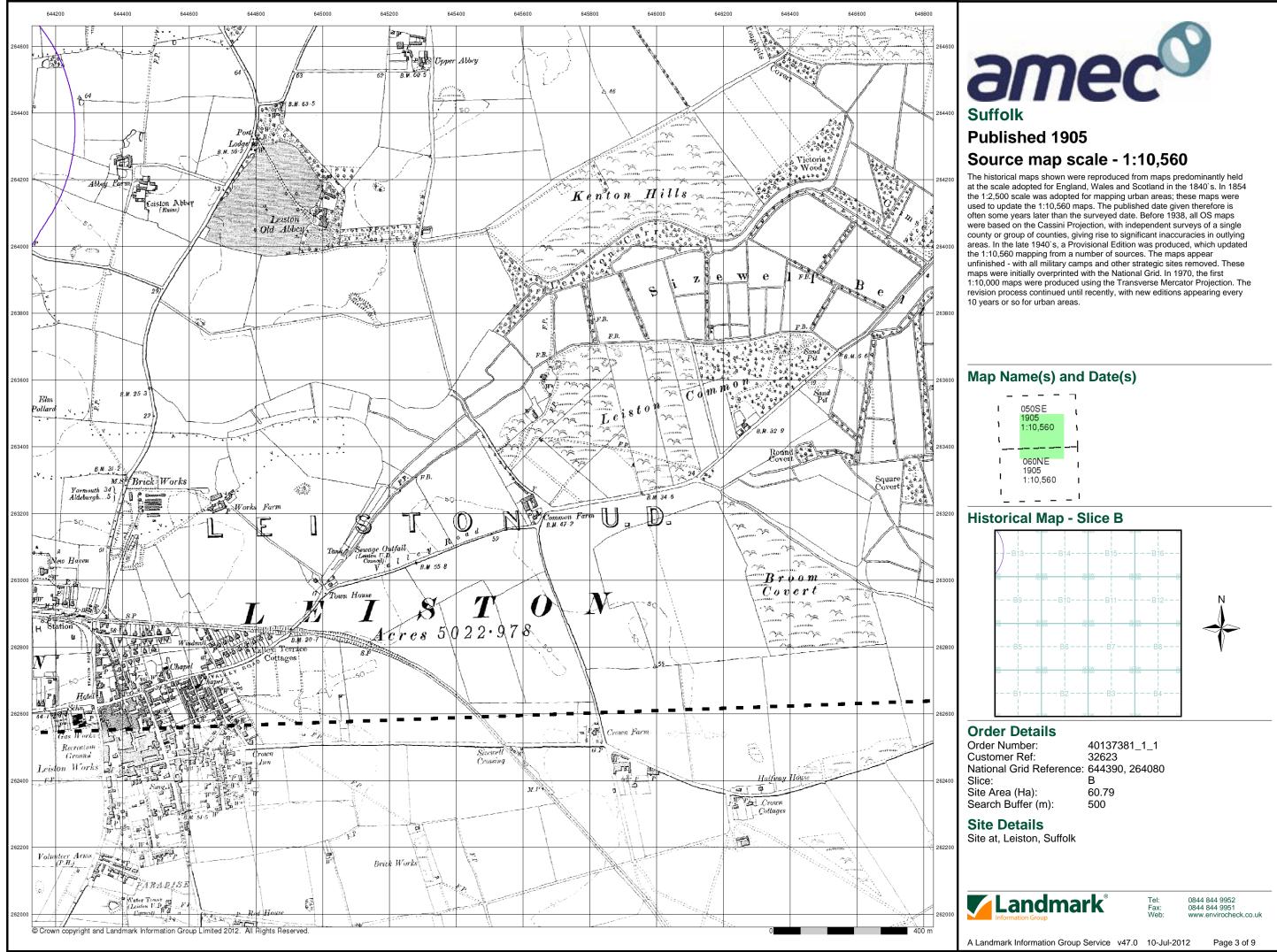




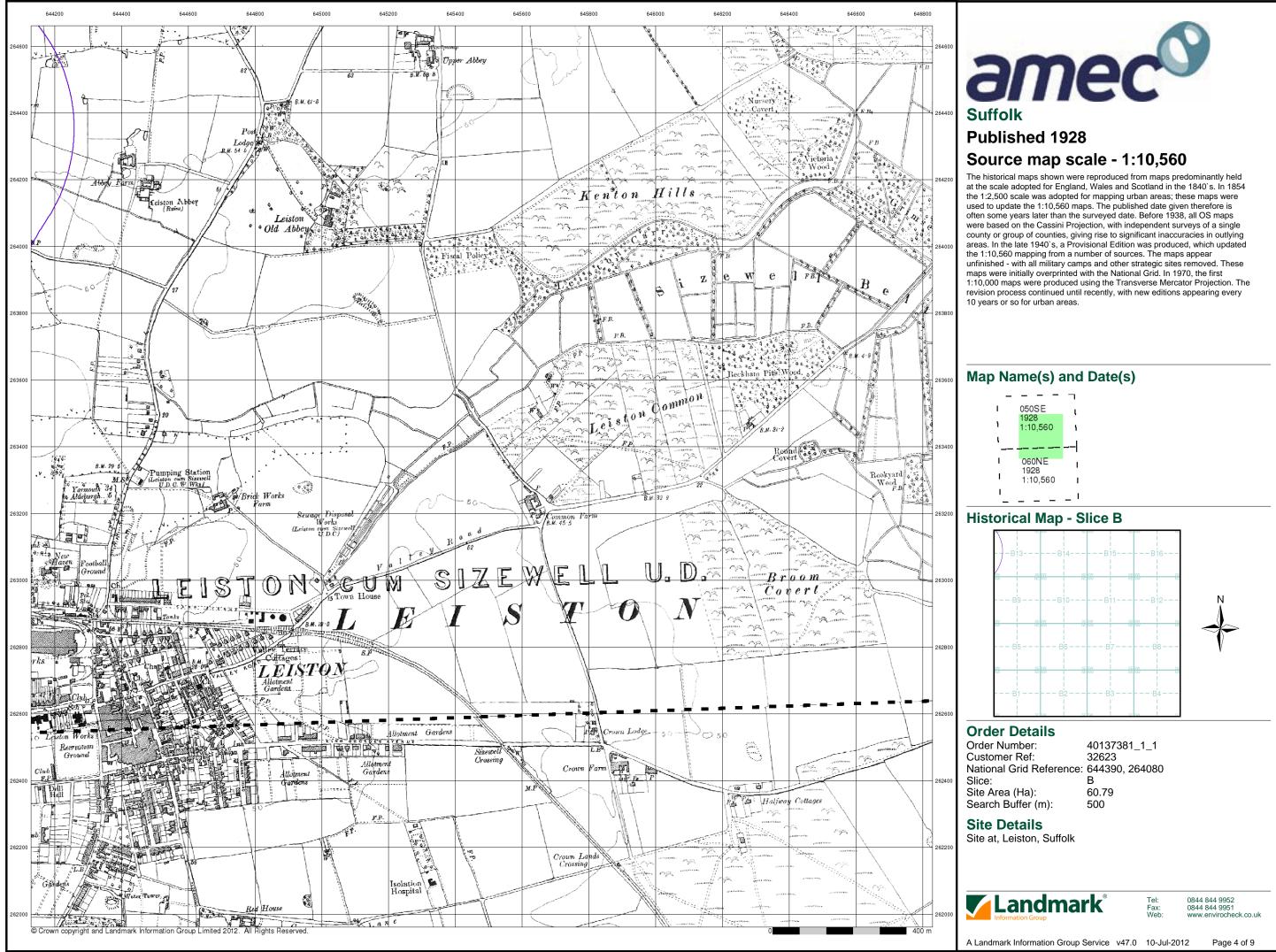
0844 844 9952 0844 844 9951 www.envirocheck.co.uk



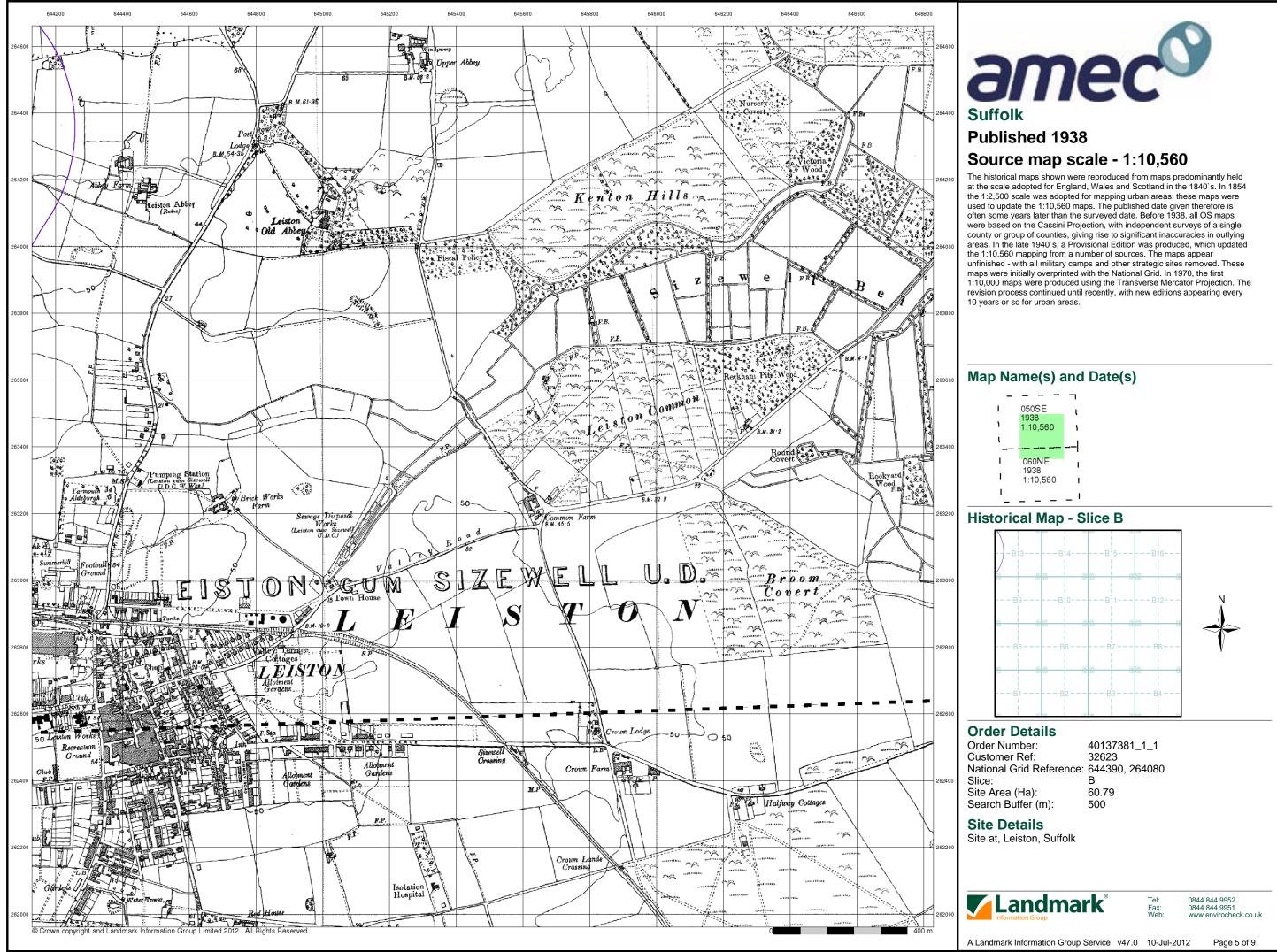


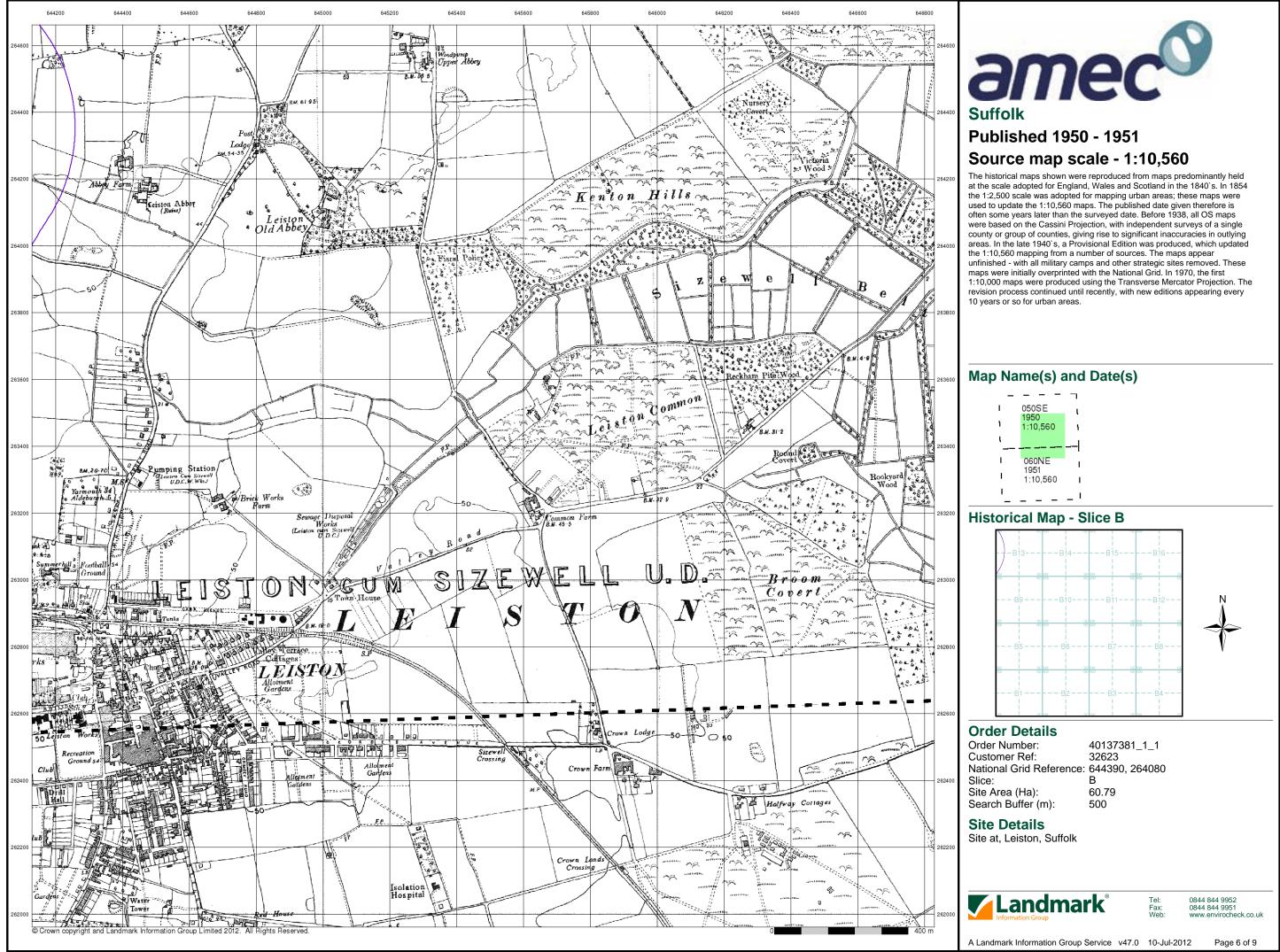


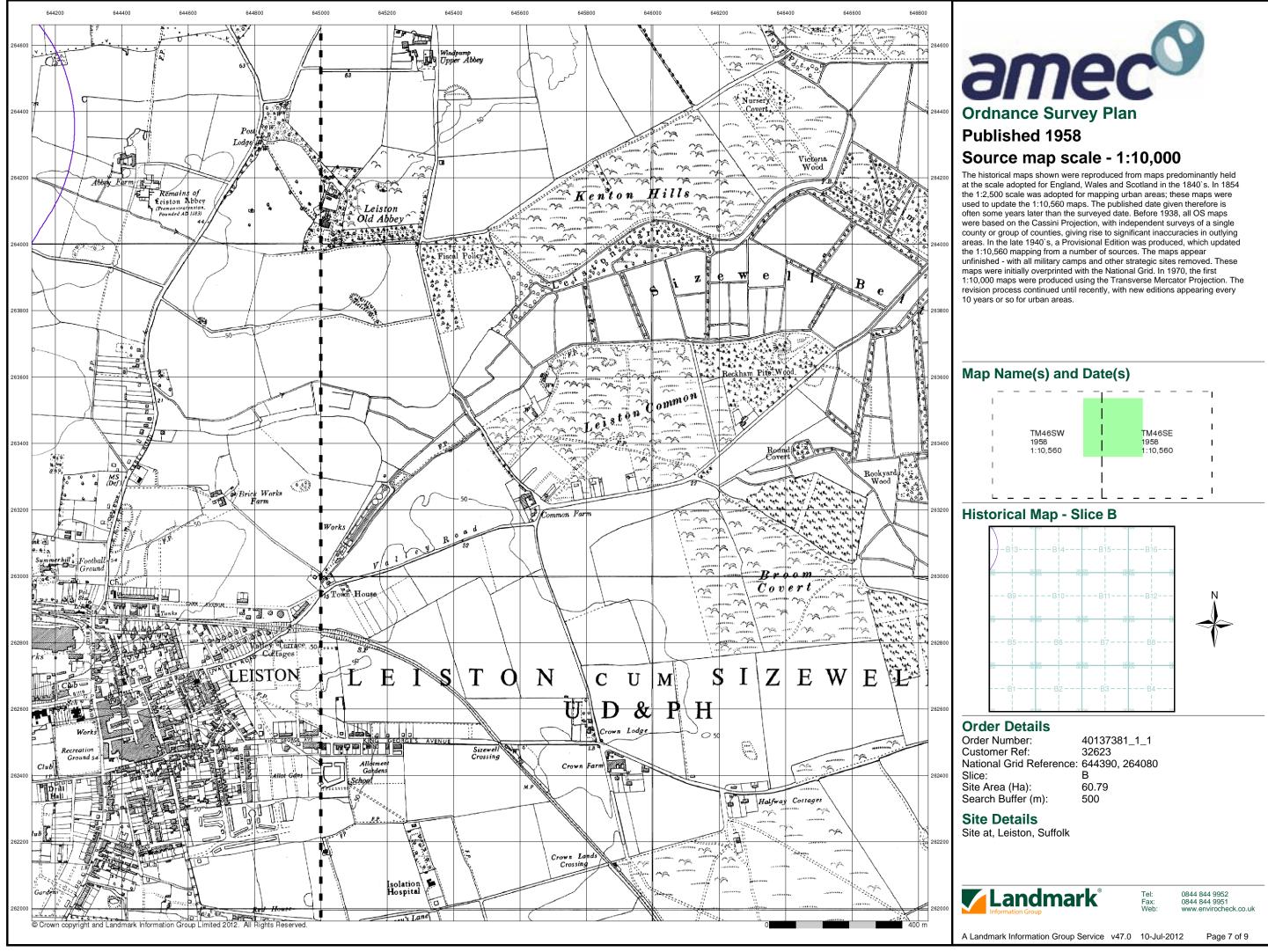




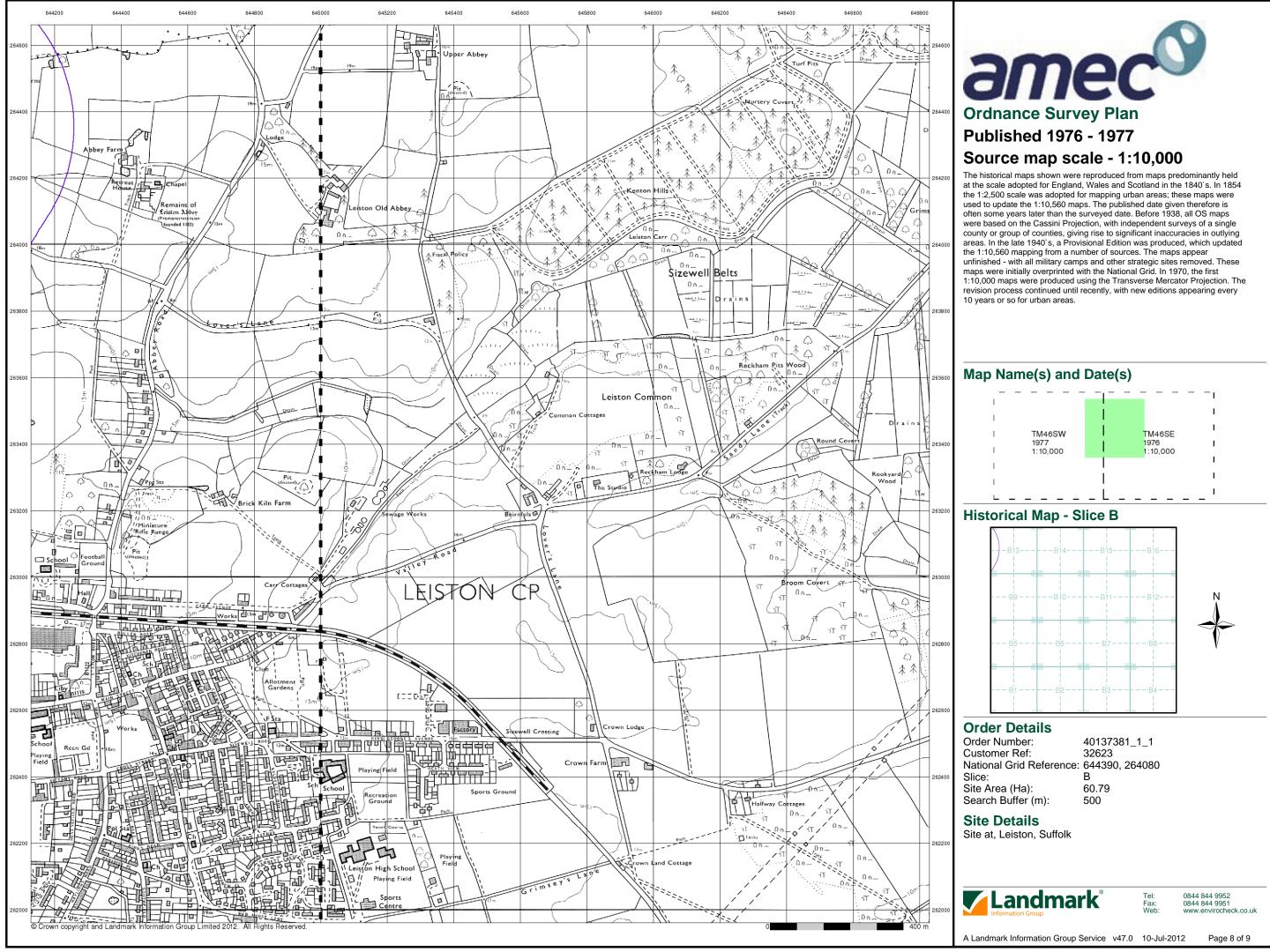












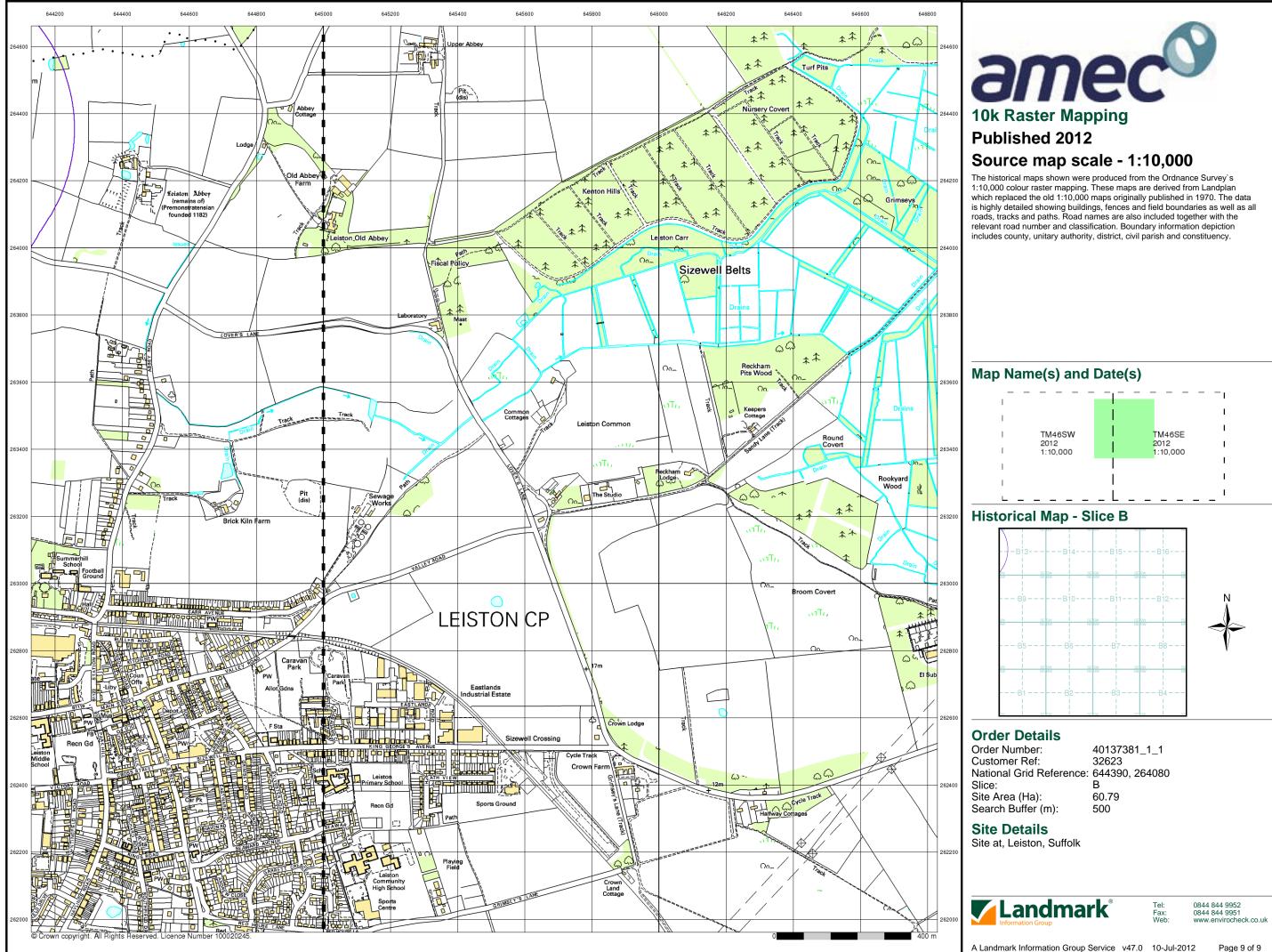


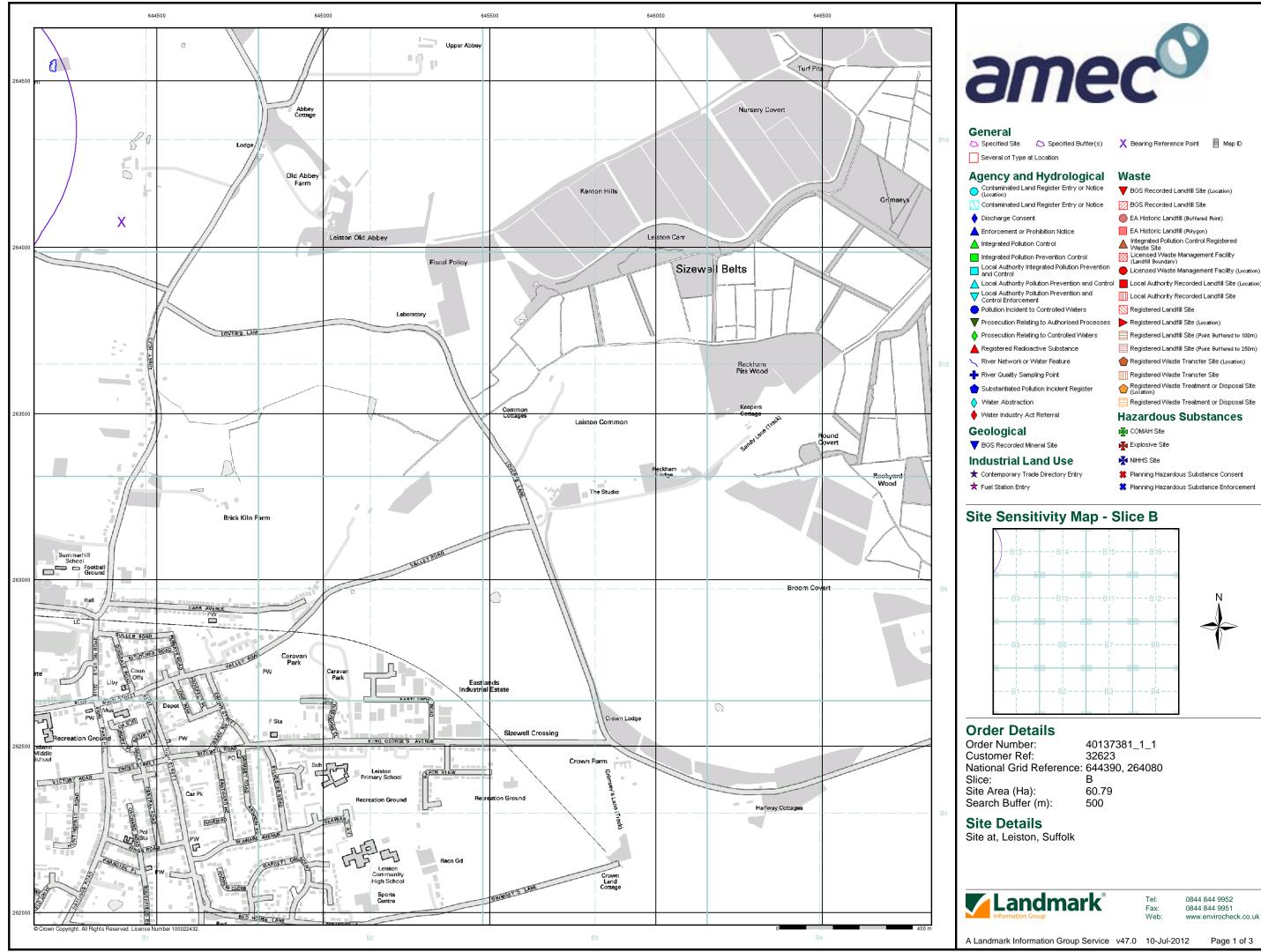
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# Appendix C – Envirocheck Reports: Part 2

CONTINUED

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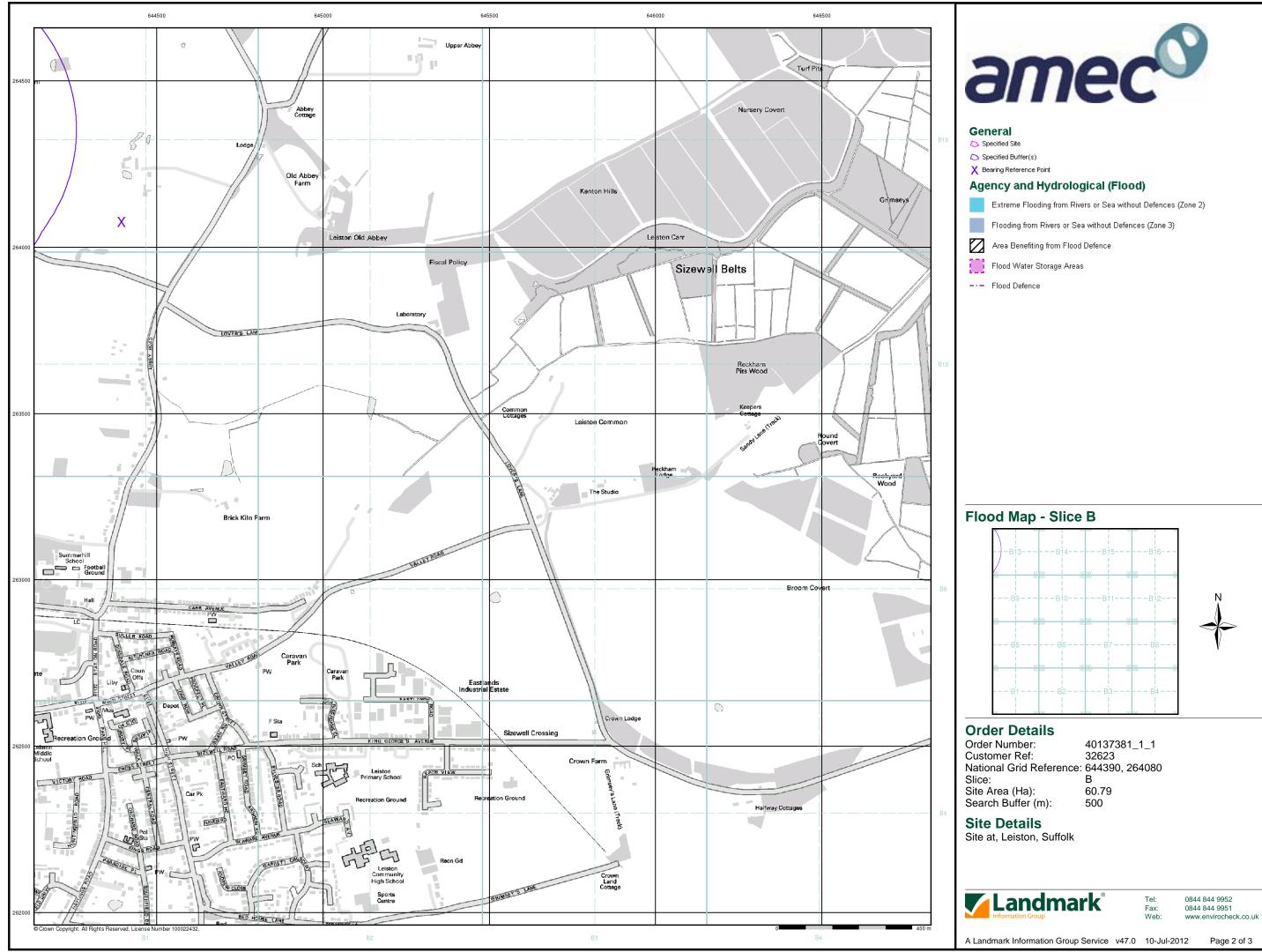


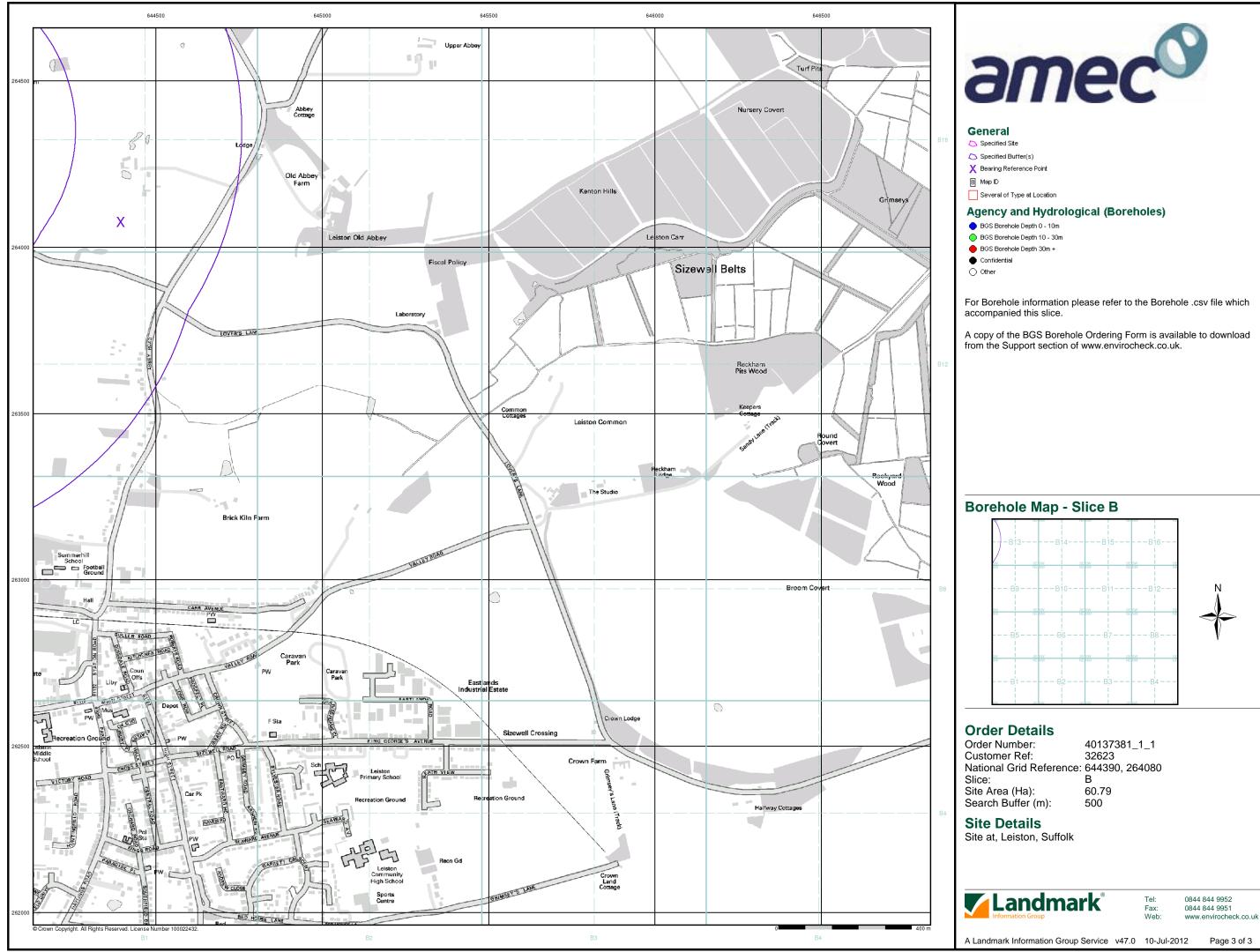


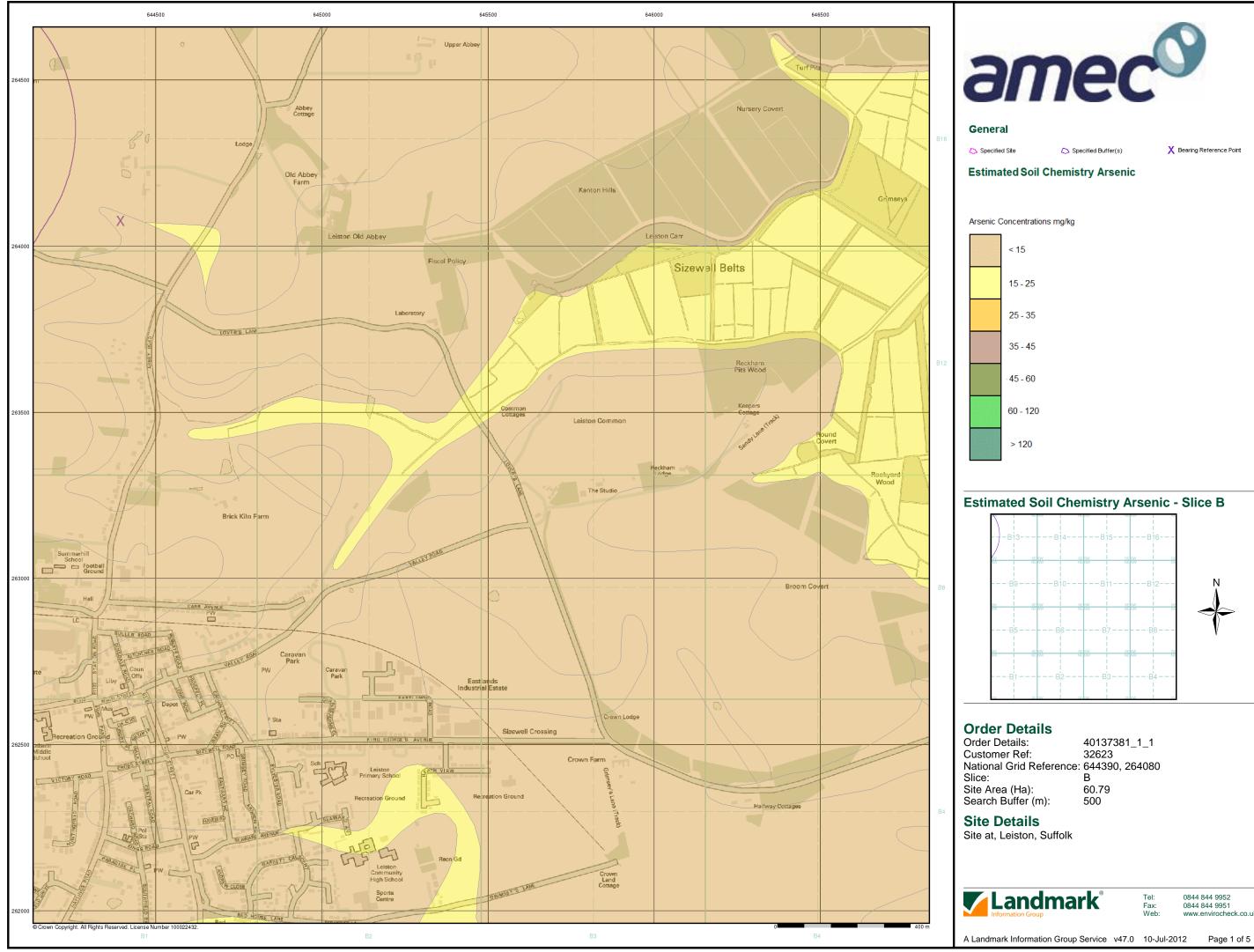
| 🔼 Specified Site                  | Specified Buffer(s)             | X Bearing Reference Poir                    |
|-----------------------------------|---------------------------------|---|
| Several of Type a                 | t Location                      |   |
| Agency and                        | l Hydrological                  | Waste                                       |
| Contaminated Lan<br>(Location)    | d Register Entry or Notice      | BGS Recorded Landfill                       |
| 📉 Contaminated Lan                | d Register Entry or Notice      | BGS Recorded Landfill                       |
| 🔶 Discharge Consei                | nt                              | 🔴 EA Historic Landfill (Buf                 |
| A Enforcement or P                | ohibition Notice                | EA Historic Landfill (Poly                  |
| 🛕 Integrated Pollutio             | n Control                       | Integrated Pollution Con     Waste Site     |
| Integrated Pollutio               | n Prevention Control            | Licensed Waste Manag<br>(Landfill Boundary) |
| Local Authority In<br>and Control | tegrated Pollution Prevention   | Licensed Waste Manag                        |
| 🛆 Local Authority Po              | ollution Prevention and Control | Local Authority Record                      |
| Control Enforcem                  | ollution Prevention and<br>ent  | Local Authority Record                      |
| OPollution Incident t             | o Controlled Waters             | 🚫 Registered Landfill Site                  |
| V Prosecution Relat               | ing to Authorised Processes     | Registered Landfill Site                    |
| 🔶 Prosecution Relat               | ing to Controlled Waters        | 📃 Registered Landfill Site                  |
| 🛕 Registered Radioa               | active Substance                | Registered Landfill Site                    |
| 🥆 River Network or '              | Nater Feature                   | 👚 Registered Waste Tran                     |
| 🕂 River Quality Sam               | pling Point                     | IIII Registered Waste Tran                  |
| 🔶 Substantiated Poll              | ution Incident Register         | Registered Waste Trea (Location)            |
| 🔶 Water Abstractio                | ı                               | 📃 Registered Waste Trea                     |
| 🔶 Water Industry Ad               | t Referral                      | Hazardous Sul                               |
| Geological                        |                                 | K COMAH Site                                |
| BGS Recorded Mi                   | neral Site                      | 🙀 Explosive Site                            |
| Industrial L                      | and Use                         | MIHHS Site                                  |
|                                   |                                 |   |

| Order Number:            |
|--------------------------|
| Customer Ref:            |
| National Grid Reference: |
| Slice:                   |
| Site Area (Ha):          |
| Search Buffer (m):       |

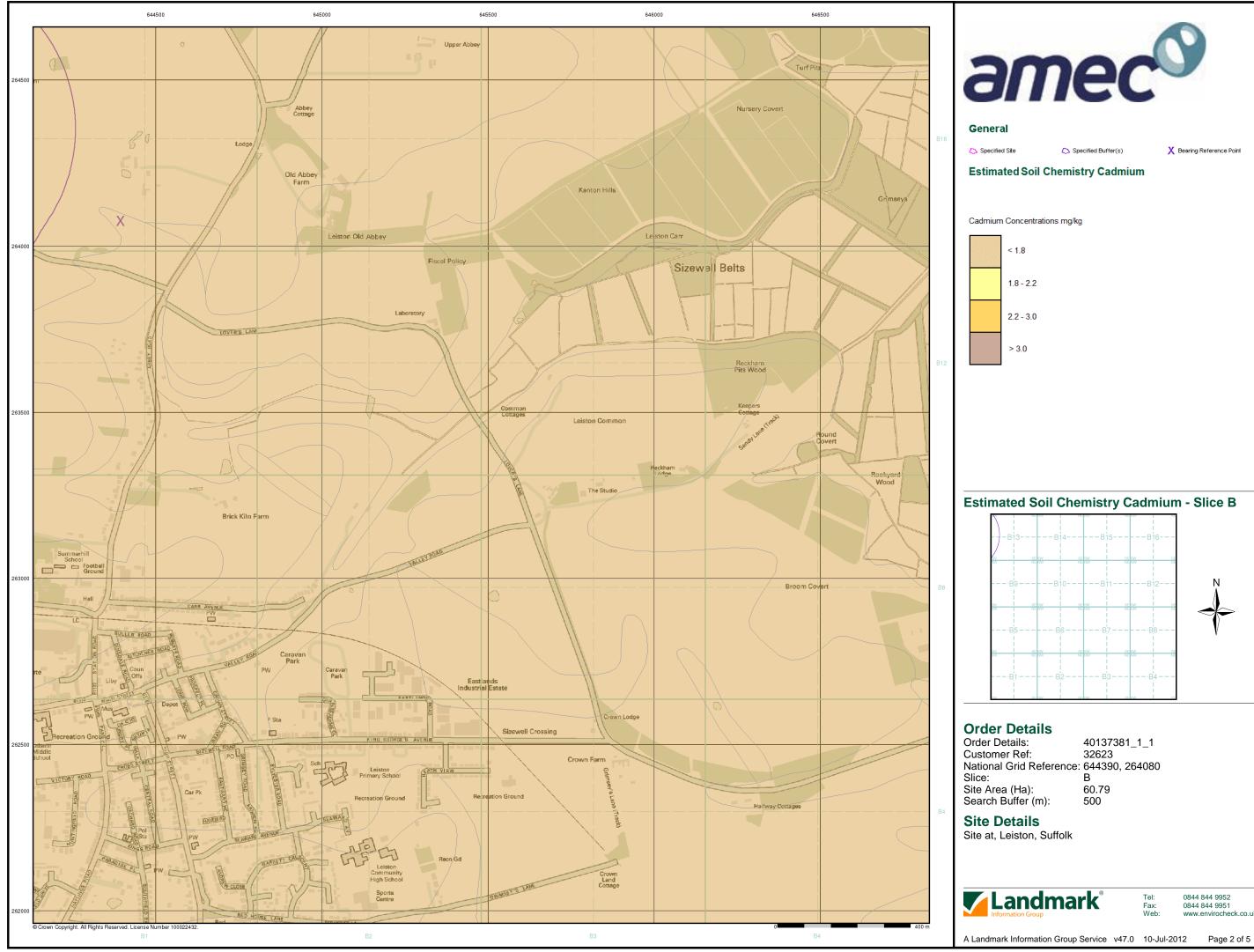
| BGS Recorded Landfill Site (Location)                  |
|--|
| 🔀 BGS Recorded Landfill Site                           |
| 🔴 EA Historic Landfill (Buffered Point)                |
| EA Historic Landfill (Polygon)                         |
| Integrated Pollution Control Registered     Waste Site |
|  |
| Licensed Waste Management Facility (Location)          |
| Local Authority Recorded Landfill Site (Location)      |
| IIII 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)            |
| IIII Registered Waste Transfer Site                    |
| Registered Waste Treatment or Disposal Site (Location) |
| Registered Waste Treatment or Disposal Site            |
| Hazardous Substances                                   |
| K COMAH Site   |
| 🛃 Explosive Site                                       |
| MIHHS Site   |
| Planning Hazardous Substance Consent                   |
|  |



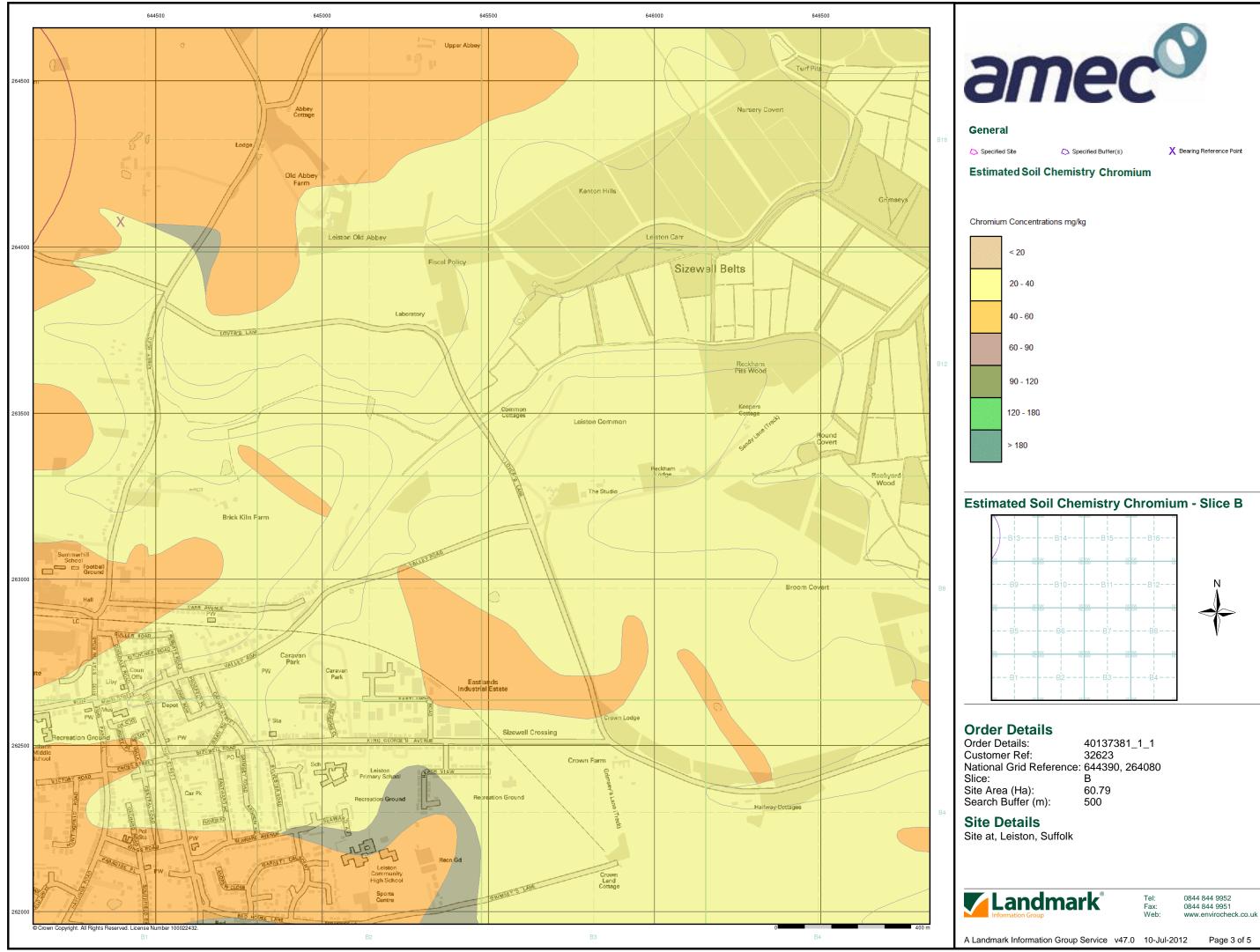


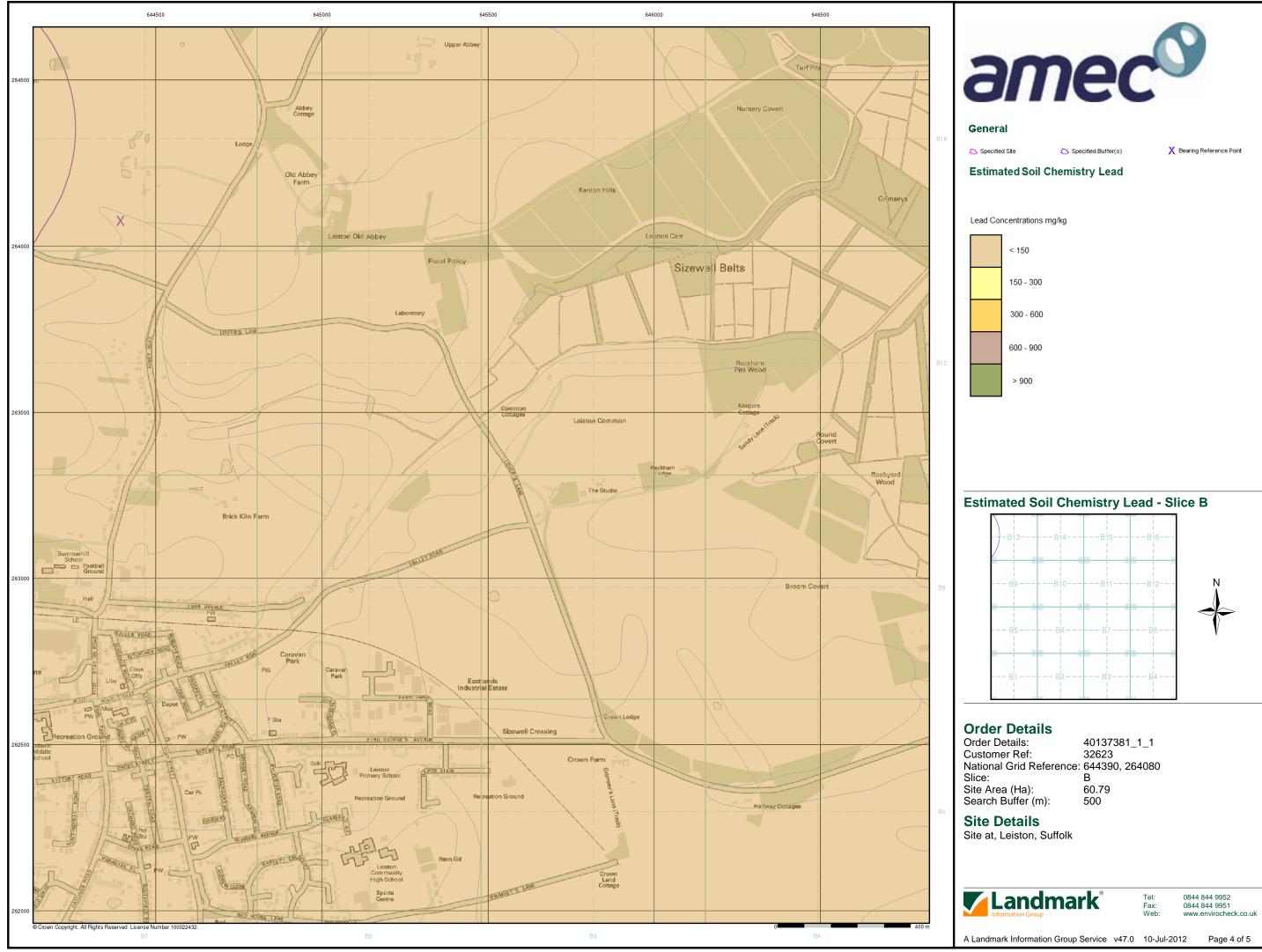


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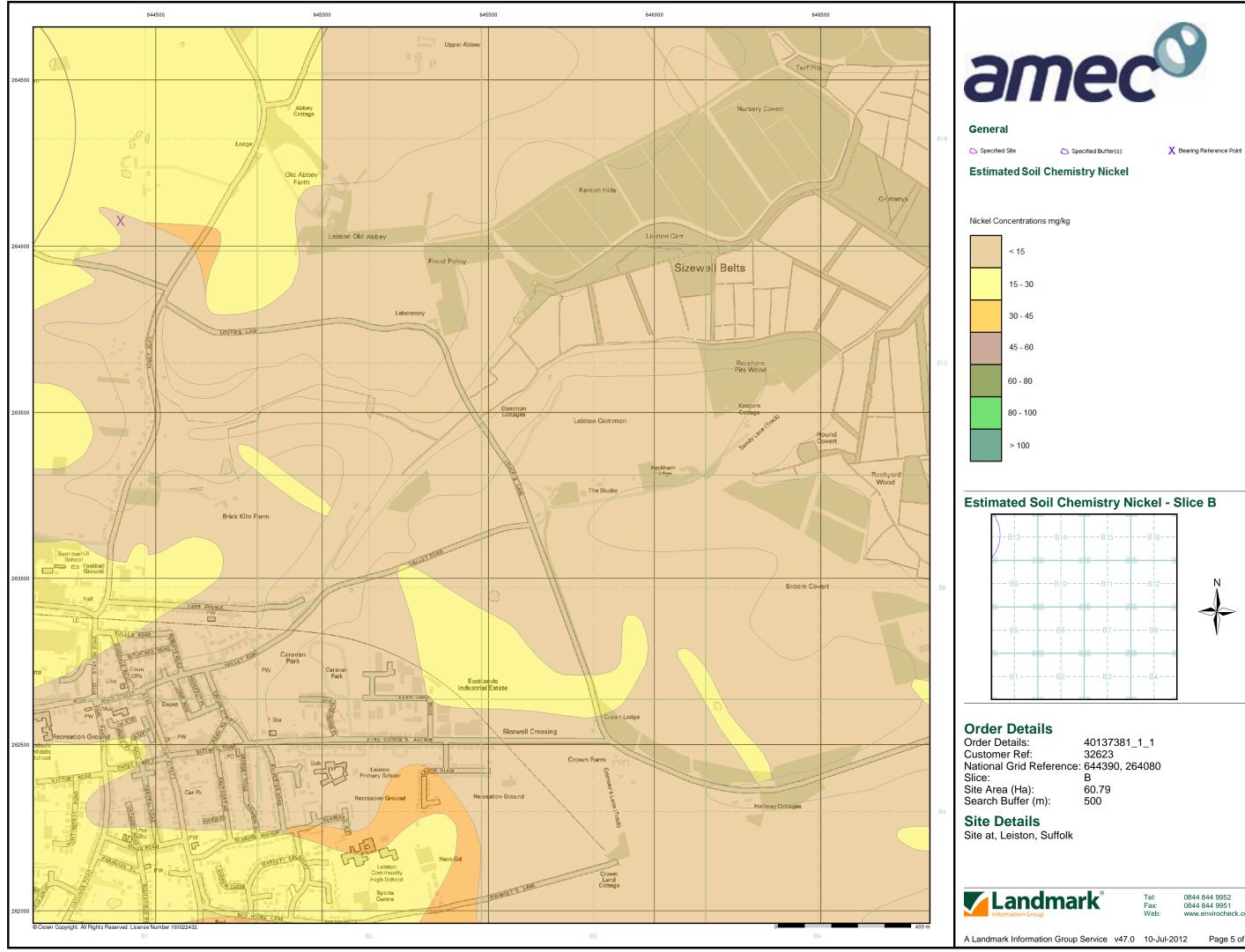


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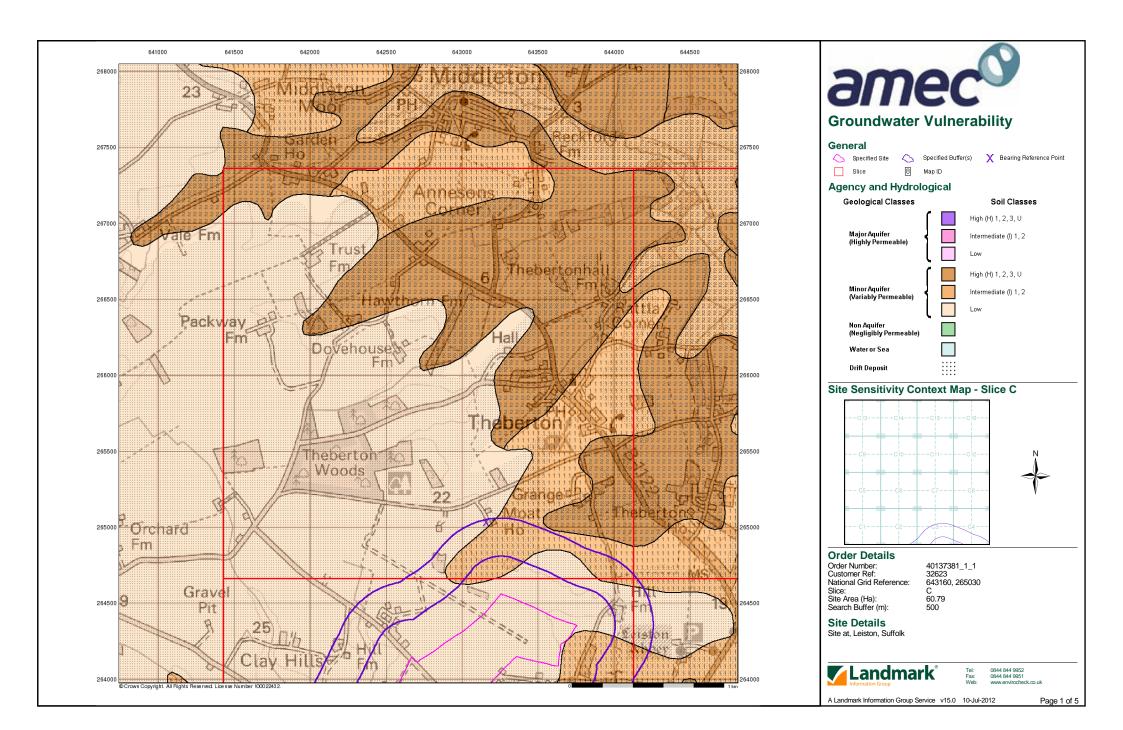


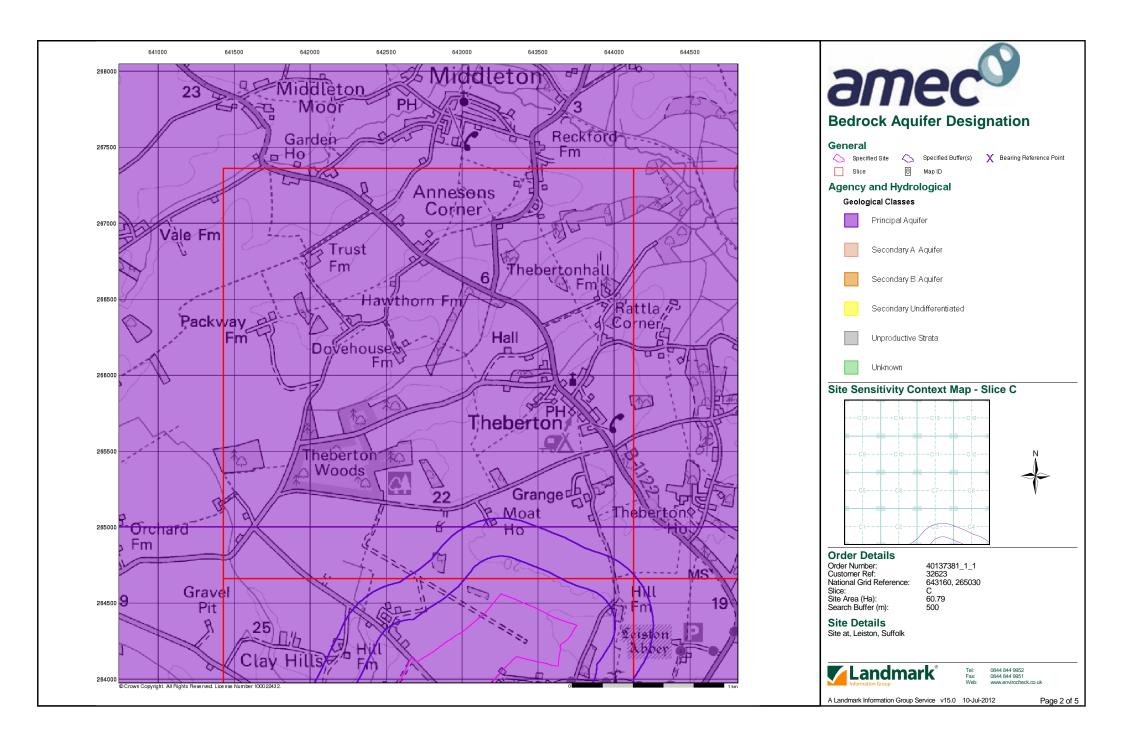
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|-----------|--|
| 150 - 300 |  |
| 300 - 600 |  |
| 600 - 900 |  |

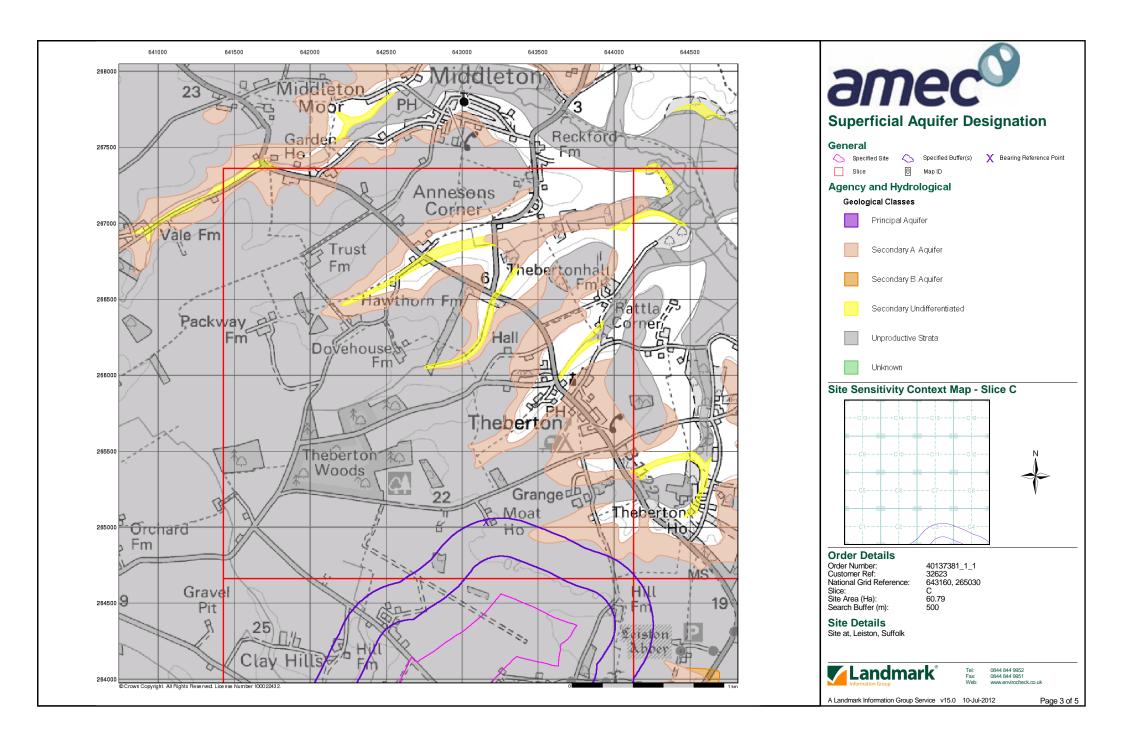


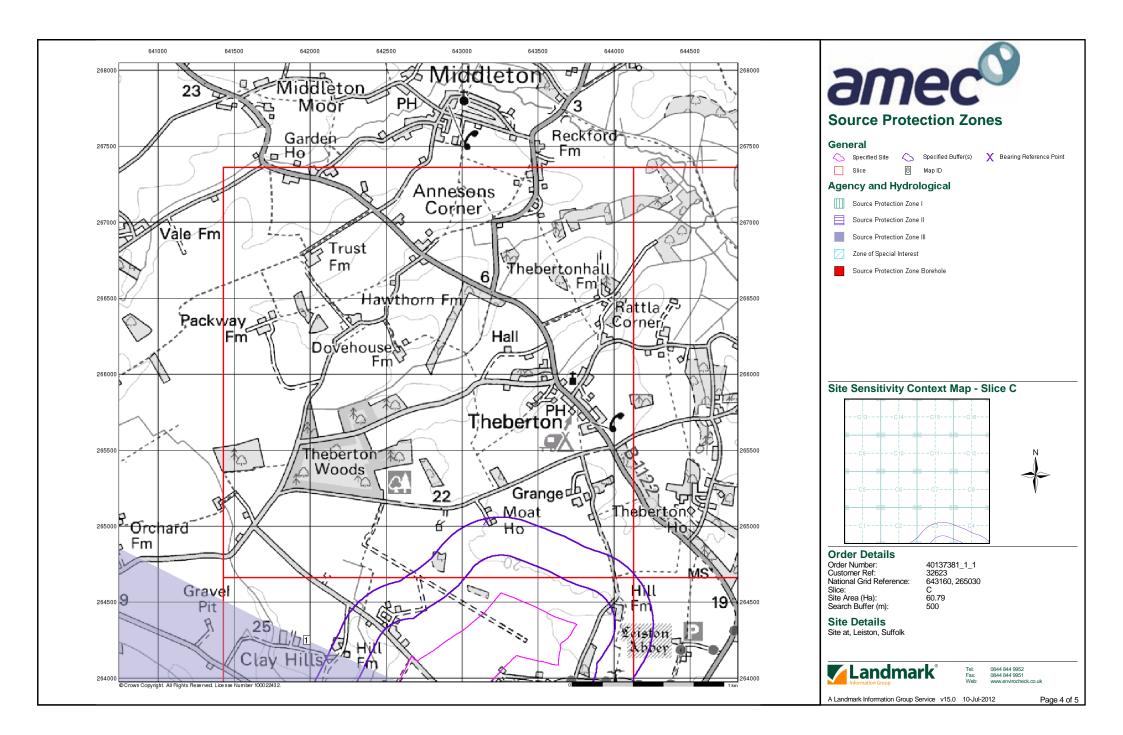
| Віз-                 |                | -B14-   |                | -B15-   |                | -B16-   |          |   |
|----------------------|----------------|---------|----------------|---------|----------------|---------|----------|---|
| sw<br>NW             | SE SW<br>NE NW |         | SE SW<br>NE NW |         | SESW<br>NENW   |         | SE<br>NE |   |
| B9-                  |                | -в¦о-   |                | -в¦1-   |                | -в¦2-   |          | N |
| sw I<br>sw I<br>sw I | SE SW<br>NE NW |         | SE SW<br>NE NW |         | SESW<br>NENW   |         | SE<br>NE |   |
| B5-                  |                | - ·B6 - |                | - ·B7 - |                | - ·B8 - |          | V |
| SW I<br>NW I         | SE SW<br>NE NW |         | SE SW<br>NE NW |         | SE SW<br>NE NW |         | SE       |   |
| ·B1-                 |                | - ·B2 - |                | - ·B3 - |                | - ·B4 - |          |   |
| RW                   | SESW           |         | SESW           |         | SESW           |         | SE       |   |

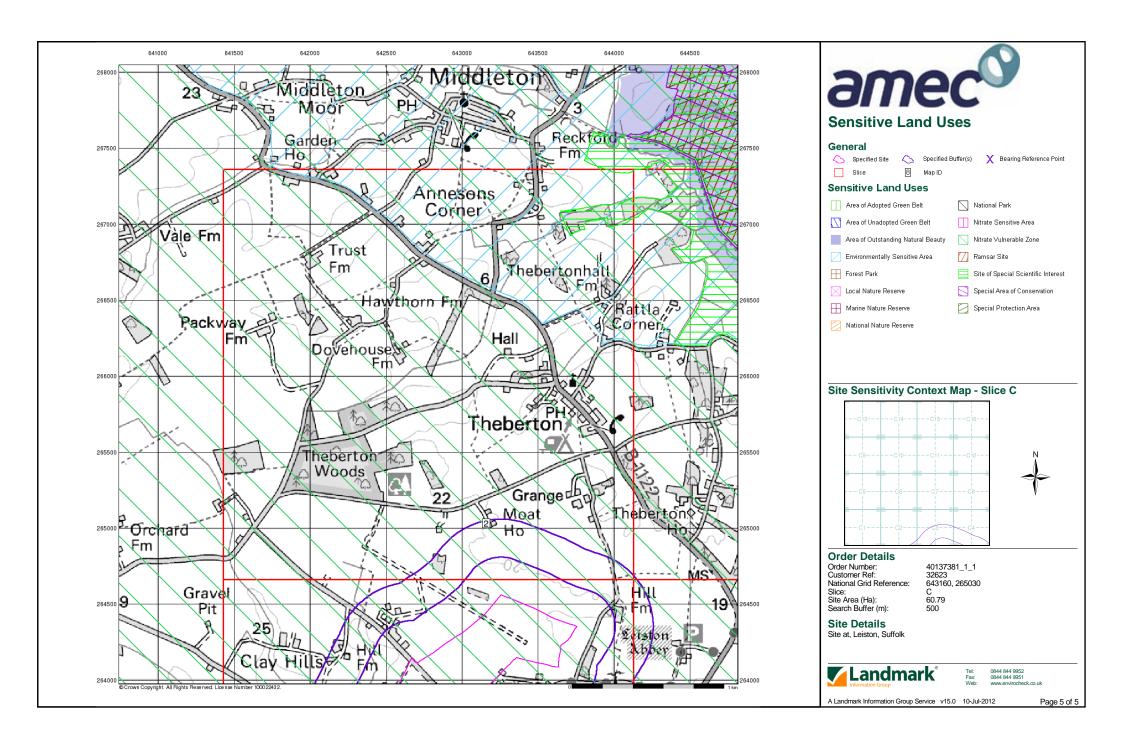
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## **Envirocheck® Report:**

### Datasheet

### **Order Details:**

Order Number: 40137381\_1\_1

Customer Reference: 32623

## National Grid Reference: 643160, 265030

Slice: C

Site Area (Ha):

60.79

Search Buffer (m): 500

### Site Details:

Site at Leiston Suffolk

### **Client Details:**

Miss D Shankar AMEC Environment & Infrastructure UK Ltd Unit 1, Long Barn Village Road Nercwys Mold Flintshire CH7 4EW





Contents

| Report Section        | Page Number |
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| Data Suppliers        | 14          |
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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 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 the attached 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 v47.0



## Summary

| Data Type   | Page<br>Number | On Site | 0 to 250m | 251 to 500m<br>(*up to 1000m) |
|---|----------------|---------|-----------|-------------------------------|
| Agency & Hydrological   |                |         |           |                               |
| Contaminated Land Register Entries and Notices                |                |         |           |                               |
| Discharge Consents  |                |         |           |                               |
| 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 1           |         | Yes       |                               |
| Pollution Incidents to Controlled Waters                      |                |         |           |                               |
| Prosecutions Relating to Authorised Processes                 |                |         |           |                               |
| Prosecutions Relating to Controlled Waters                    |                |         |           |                               |
| Registered Radioactive Substances                             |                |         |           |                               |
| River Quality   |                |         |           |                               |
| River Quality Biology Sampling Points                         |                |         |           |                               |
| River Quality Chemistry Sampling Points                       |                |         |           |                               |
| Substantiated Pollution Incident Register                     |                |         |           |                               |
| Water Abstractions  | pg 1           |         |           | (*11)                         |
| Water Industry Act Referrals                                  |                |         |           |                               |
| Groundwater Vulnerability                                     | pg 3           | Yes     | n/a       | n/a                           |
| Bedrock Aquifer Designations                                  | pg 3           | Yes     | n/a       | n/a                           |
| Superficial Aquifer Designations                              | pg 3           | Yes     | n/a       | n/a                           |
| Source Protection Zones                                       | pg 3           | 1       |           |                               |
| Extreme Flooding from Rivers or Sea without Defences          |                |         |           | n/a                           |
| Flooding from Rivers or Sea without Defences                  |                |         |           | n/a                           |
| Areas Benefiting from Flood Defences                          |                |         |           | n/a                           |
| Flood Water Storage Areas                                     |                |         |           | n/a                           |
| Flood Defences  |                |         |           | n/a                           |
| 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 Recorded Landfill Sites                       |                |         |           |                               |
| Registered Landfill Sites                                     |                |         |           |                               |
| Registered Waste Transfer Sites                               |                |         |           |                               |
| Registered Waste Treatment or Disposal Sites                  |                |         |           |                               |
| ·   |                | l       |           | <u> </u>                      |



## Summary

| Data Type   | Page<br>Number | On Site | 0 to 250m | 251 to 500m<br>(*up to 1000m) |
|---|----------------|---------|-----------|-------------------------------|
| 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 6           | Yes     | n/a       | n/a                           |
| BGS Estimated Soil Chemistry  | pg 6           | Yes     | Yes       | Yes                           |
| BGS Recorded Mineral Sites  |                |         |           |                               |
| BGS Urban Soil Chemistry  |                |         |           |                               |
| BGS Urban Soil Chemistry Averages                                   |                |         |           |                               |
| Brine Compensation Area   |                |         | n/a       | n/a                           |
| Coal Mining Affected Areas  |                |         | n/a       | n/a                           |
| Mining Instability  |                |         | n/a       | n/a                           |
| Man-Made Mining Cavities  |                |         |           |                               |
| Natural Cavities  |                |         |           |                               |
| Non Coal Mining Areas of Great Britain                              |                |         |           | n/a                           |
| Potential for Collapsible Ground Stability Hazards                  | pg 7           | Yes     |           | n/a                           |
| Potential for Compressible Ground Stability Hazards                 |                |         |           | n/a                           |
| Potential for Ground Dissolution Stability Hazards                  |                |         |           | n/a                           |
| Potential for Landslide Ground Stability Hazards                    | pg 7           | Yes     |           | n/a                           |
| Potential for Running Sand Ground Stability Hazards                 | pg 7           | Yes     |           | n/a                           |
| Potential for Shrinking or Swelling Clay Ground Stability Hazards   | pg 7           | Yes     |           | n/a                           |
| Radon Potential - Radon Affected Areas                              |                |         | n/a       | n/a                           |
| Radon Potential - Radon Protection Measures                         |                |         | n/a       | n/a                           |
| Industrial Land Use   |                |         |           |                               |
| Contemporary Trade Directory Entries                                | pg 8           |         |           | (*1)                          |
| Fuel Station Entries  |                |         |           |                               |



## Summary

| Data Type                            | Page<br>Number | On Site | 0 to 250m | 251 to 500m<br>(*up to 1000m) |
|--------------------------------------|----------------|---------|-----------|-------------------------------|
| Sensitive Land Use                   |                |         |           |                               |
| 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           | 1       |           |                               |
| Ramsar Sites                         |                |         |           |                               |
| Sites of Special Scientific Interest |                |         |           |                               |
| Special Areas of Conservation        |                |         |           |                               |
| Special Protection Areas             |                |         |           |                               |



| Map<br>ID | Details  |   | Quadrant<br>Reference<br>(Compass<br>Direction) | Estimated<br>Distance<br>From Site | Contact | NGR              |
|-----------|--|---|---|------------------------------------|---------|------------------|
|           | Nearest Surface Wa   | ter Feature   | C3SW<br>(S)                                     | 189                                | -       | 643109<br>264710 |
|           | Water Abstractions<br>Operator:<br>Licence Number:<br>Permit Version:<br>Location:<br>Authority:<br>Abstraction Type:<br>Source:<br>Daily Rate (m3):<br>Details:<br>Authorised Start:<br>Authorised Start:<br>Authorised End:<br>Permit Start Date:<br>Positional Accuracy:  | Mr B & Mrs E A C Pearce<br>7/35/03/*g/022<br>Not Supplied<br>Well At Moat Farm, THEBERTON<br>Environment Agency, Anglian Region<br>Agriculture (General)<br>Not Supplied<br>Well And Borehole<br>2<br>7000<br>Glacial Sand and Gravel; Status: Revoked<br>Not Supplied<br>Not Supplied<br>Not Supplied<br>Not Supplied<br>Not Supplied<br>Located by supplier to within 10m | C3NE<br>(NE)                                    | 554                                | 1       | 643200<br>265110 |
|           | Water Abstractions<br>Operator:<br>Licence Number:<br>Permit Version:<br>Location:<br>Authority:<br>Abstraction Type:<br>Source:<br>Daily Rate (m3):<br>Yearly Rate (m3):<br>Details:<br>Authorised Start:<br>Authorised Start:<br>Authorised End:<br>Permit Start Date:<br>Permit End Date:<br>Positional Accuracy:   | Mr J G Lindley<br>7/35/03/*g/029<br>Not Supplied<br>Bore At Theberton Grange, THEBERTON<br>Environment Agency, Anglian Region<br>Unspecified<br>Not Supplied<br>Well And Borehole<br>46<br>223000<br>Crag; Status: Revoked<br>Not Supplied<br>Not Supplied<br>Not Supplied<br>Not Supplied<br>Not Supplied<br>Located by supplier to within 10m                             | C4NE<br>(E)                                     | 783                                | 1       | 643820<br>265175 |
|           | Water Abstractions<br>Operator:<br>Licence Number:<br>Permit Version:<br>Location:<br>Authority:<br>Abstraction Type:<br>Source:<br>Daily Rate (m3):<br>Yearly Rate (m3):<br>Details:<br>Authorised Start:<br>Authorised Start:<br>Authorised Start:<br>Permit Start Date:<br>Permit End Date:<br>Positional Accuracy: | Mr J G Lindley<br>7/35/03/*g/029<br>Not Supplied<br>Well At Theberton Grange, THEBERTON<br>Environment Agency, Anglian Region<br>Agriculture (General)<br>Not Supplied<br>Well And Borehole<br>0<br>1000<br>Crag; Status: Revoked<br>Not Supplied<br>Not Supplied<br>Not Supplied<br>Not Supplied<br>Located by supplier to within 10m                                      | C4NE<br>(E)                                     | 785                                | 1       | 643825<br>265175 |
|           | Water Abstractions<br>Operator:<br>Licence Number:<br>Permit Version:<br>Location:<br>Authority:<br>Abstraction Type:<br>Source:<br>Daily Rate (m3):<br>Yearly Rate (m3):<br>Details:<br>Authorised Start:<br>Authorised Start:<br>Authorised End:<br>Permit Start Date:<br>Positional Accuracy:                       | Mr J R Poll<br>7/35/03/*G/0059<br>100<br>Well At Theberton Grange<br>Environment Agency, Anglian Region<br>General Farming And Domestic<br>Water may be abstracted from a single point<br>Groundwater<br>Not Supplied<br>Not Supplied<br>Crag; Status: Perpetuity<br>01 January<br>31 December<br>1st November 1995<br>Not Supplied<br>Located by supplier to within 10m    | C4NE<br>(E)                                     | 787                                | 1       | 643820<br>265180 |



| Map<br>ID | Details  |   | Quadrant<br>Reference<br>(Compass<br>Direction) | Estimated<br>Distance<br>From Site | Contact | NGR              |
|-----------|--|---|---|------------------------------------|---------|------------------|
|           | Water Abstractions<br>Operator:<br>Licence Number:<br>Permit Version:<br>Location:<br>Authority:<br>Abstraction Type:<br>Source:<br>Daily Rate (m3):<br>Yearly Rate (m3):<br>Details:<br>Authorised Start:<br>Authorised Start:<br>Authorised End:<br>Permit Start Date:<br>Permit End Date:<br>Positional Accuracy:                   | Mr J G Lindley<br>7/35/03/*g/029<br>Not Supplied<br>Well At Theberton Grange, THEBERTON<br>Environment Agency, Anglian Region<br>Spray Irrigation<br>Not Supplied<br>Well And Borehole<br>18<br>87000<br>Crag; Status: Revoked<br>Not Supplied<br>Not Supplied<br>Not Supplied<br>Not Supplied<br>Not Supplied<br>Located by supplier to within 10m                                       | C4NE<br>(E)                                     | 789                                | 1       | 643825<br>265180 |
|           | Permit Version:<br>Location:<br>Authority:<br>Abstraction:<br>Abstraction Type:<br>Source:<br>Daily Rate (m3):<br>Yearly Rate (m3):<br>Details:<br>Authorised Start:<br>Authorised Start:<br>Authorised Start:<br>Permit Start Date:<br>Permit End Date:   | J R Poll<br>7/35/03/*g/059<br>Not Supplied<br>Bore At Theberton Grange, THEBERTON<br>Environment Agency, Anglian Region<br>Spray Irrigation<br>Not Supplied<br>Well And Borehole<br>0<br>5000<br>Crag; Status: Perpetuity<br>Not Supplied<br>Not Supplied<br>Not Supplied<br>Not Supplied<br>Not Supplied<br>Not Supplied<br>Located by supplier to within 10m                            | C4NE<br>(E)                                     | 792                                | 1       | 643820<br>265185 |
|           | Permit Version:<br>Location:<br>Authority:<br>Abstraction:<br>Abstraction Type:<br>Source:<br>Daily Rate (m3):<br>Yearly Rate (m3):<br>Details:<br>Authorised Start:<br>Authorised Start:<br>Authorised Start:<br>Authorised Start:<br>Permit Start Date:<br>Permit End Date:  | J R Poll<br>7/35/03/*g/059<br>Not Supplied<br>Well Points At Theberton Grange, THEBERTON<br>Environment Agency, Anglian Region<br>Spray Irrigation<br>Not Supplied<br>Well And Borehole<br>0<br>5000<br>Crag; Status: Perpetuity<br>Not Supplied<br>Not Supplied<br>Not Supplied<br>Not Supplied<br>Not Supplied<br>Not Supplied<br>Located by supplier to within 10m                     | C4NE<br>(E)                                     | 886                                | 1       | 643870<br>265265 |
|           | Water Abstractions<br>Operator:<br>Licence Number:<br>Permit Version:<br>Location:<br>Authority:<br>Abstraction:<br>Abstraction Type:<br>Source:<br>Daily Rate (m3):<br>Yearly Rate (m3):<br>Details:<br>Authorised Start:<br>Authorised Start:<br>Authorised Start:<br>Permit Start Date:<br>Permit End Date:<br>Positional Accuracy: | Mr J R Poll<br>7/35/03/*G/0073<br>100<br>Bore At Theberton Grange<br>Environment Agency, Anglian Region<br>General Agriculture: Spray Irrigation - Direct<br>Water may be abstracted from a single point<br>Groundwater<br>Not Supplied<br>Not Supplied<br>Crag; Status: Perpetuity<br>01 March<br>30 September<br>1st February 1992<br>Not Supplied<br>Located by supplier to within 10m | C4NE<br>(E)                                     | 888                                | 1       | 643875<br>265265 |



| Map<br>ID | Details                           |  | Quadrant<br>Reference<br>(Compass<br>Direction) | Estimated<br>Distance<br>From Site | Contact | NGR              |
|-----------|-----------------------------------|--|---|------------------------------------|---------|------------------|
|           | Water Abstractions                |  |   |                                    |         |                  |
|           | Operator:                         | Mr J G Lindley   | C4NE  | 892                                | 1       | 643875           |
|           | Licence Number:                   | 7/35/03/*g/029   | (E)   | 001                                |         | 265270           |
|           | Permit Version:                   | Not Supplied   | ( )   |                                    |         |                  |
|           | Location:                         | Well At Theberton Grange, THEBERTON  |   |                                    |         |                  |
|           | Authority:                        | Environment Agency, Anglian Region   |   |                                    |         |                  |
|           | Abstraction:<br>Abstraction Type: | Spray Irrigation<br>Not Supplied   |   |                                    |         |                  |
|           | Source:                           | Well And Borehole  |   |                                    |         |                  |
|           | Daily Rate (m3):                  | 27   |   |                                    |         |                  |
|           | Yearly Rate (m3):                 | 131000   |   |                                    |         |                  |
|           | Details:<br>Authorised Start:     | Crag; Status: Revoked<br>Not Supplied  |   |                                    |         |                  |
|           | Authorised End:                   | Not Supplied   |   |                                    |         |                  |
|           | Permit Start Date:                | Not Supplied   |   |                                    |         |                  |
|           | Permit End Date:                  | Not Supplied   |   |                                    |         |                  |
|           | Positional Accuracy:              | Located by supplier to within 10m  |   |                                    |         |                  |
|           | Water Abstractions                |  |   |                                    |         |                  |
|           | Operator:                         | J R Poll   | C4NE  | 911                                | 1       | 644105           |
|           | Licence Number:                   | 7/35/03/*g/059   | (E)   |                                    |         | 265195           |
|           | Permit Version:                   | Not Supplied   | . /   |                                    |         |                  |
|           | Location:                         | Well At Theberton Grange, THEBERTON  |   |                                    |         |                  |
|           | Authority:<br>Abstraction:        | Environment Agency, Anglian Region<br>Spray Irrigation   |   |                                    |         |                  |
|           | Abstraction Type:                 | Not Supplied   |   |                                    |         |                  |
|           | Source:                           | Well   |   |                                    |         |                  |
|           | Daily Rate (m3):                  | 0  |   |                                    |         |                  |
|           | Yearly Rate (m3):                 | 5000   |   |                                    |         |                  |
|           | Details:<br>Authorised Start:     | Crag; Status: Perpetuity<br>Not Supplied   |   |                                    |         |                  |
|           | Authorised End:                   | Not Supplied   |   |                                    |         |                  |
|           | Permit Start Date:                | Not Supplied   |   |                                    |         |                  |
|           | Permit End Date:                  | Not Supplied   |   |                                    |         |                  |
|           | Positional Accuracy:              | Located by supplier to within 10m  |   |                                    |         |                  |
|           | Water Abstractions                |  |   |                                    |         |                  |
|           | Operator:                         | Mr J R Poll  | C4NE  | 914                                | 1       | 644100           |
|           | Licence Number:                   | 7/35/03/*G/0073  | (E)   |                                    |         | 265200           |
|           | Permit Version:                   | 100<br>Fichteen Wellete Thebarten Or   |   |                                    |         |                  |
|           | Location:<br>Authority:           | Eighteen Wellpts Theberton Gr.<br>Environment Agency, Anglian Region   |   |                                    |         |                  |
|           | Abstraction:                      | General Agriculture: Spray Irrigation - Direct   |   |                                    |         |                  |
|           | Abstraction Type:                 | Water may be abstracted from a single point  |   |                                    |         |                  |
|           | Source:                           | Groundwater  |   |                                    |         |                  |
|           | Daily Rate (m3):                  | Not Supplied   |   |                                    |         |                  |
|           | Yearly Rate (m3):<br>Details:     | Not Supplied<br>Crag; Status: Perpetuity   |   |                                    |         |                  |
|           | Authorised Start:                 | 01 March   |   |                                    |         |                  |
|           | Authorised End:                   | 30 September   |   |                                    |         |                  |
|           | Permit Start Date:                | 1st February 1992  |   |                                    |         |                  |
|           | Permit End Date:                  | Not Supplied   |   |                                    |         |                  |
|           | Positional Accuracy:              | Located by supplier to within 10m  |   |                                    |         |                  |
|           | Groundwater Vulne                 | rability   |   |                                    |         |                  |
|           | Soil Classification:              | Soils of Low Leaching Potential - Soils in which pollutants are unlikely to  | C3NE  | 0                                  | 1       | 643158           |
|           |                                   | penetrate the soil layer because water movement is largely horizontal or they  | (S)   |                                    |         | 265031           |
|           |                                   | have large ability to attenuate diffuse pollutants. Lateral flow from these soils  |   |                                    |         |                  |
|           | Man Sheat                         | contribute to groundwater recharge elsewhere in the catchment  |   |                                    |         |                  |
|           | Map Sheet:<br>Scale:              | Sheet 33 East Suffolk<br>1:100,000   |   |                                    |         |                  |
|           |                                   | · · /· · ·   |   |                                    |         |                  |
|           | Drift Deposits                    |  | _   |                                    |         |                  |
|           | Drift Deposit:                    | Low permeability drift deposits occuring at the surface and overlying Major and  |   | 0                                  | 1       | 643158           |
|           |                                   | Minor Aquifers are head, clay-with-flints, brickearth, peat, river terrace deposits<br>and marine and estuarine alluvium | (S)   |                                    |         | 265031           |
|           | Map Sheet:                        | Sheet 33 East Suffolk  |   |                                    |         |                  |
|           | Scale:                            | 1:100,000  |   |                                    |         |                  |
|           | Bedrock Aquifar De                | signations   |   |                                    |         |                  |
|           | Bedrock Aquifer De                | -  | CONF  |                                    | _       | 642450           |
|           | Aquifer Desination:               | Principal Aquiter  | C3NE<br>(S)                                     | 0                                  | 2       | 643158<br>265001 |
|           | Superficial Aquifer Designations  |  |   |                                    |         | 200001           |
|           | Superficial Aquifer Designations  |  |   |                                    |         | 040450           |
|           | Aquiter Designation:              | Unproductive Strata  | C3NE<br>(S)                                     | 0                                  | 2       | 643158<br>265001 |
|           | Source Protection 2               | Zones  | (0)   |                                    |         | 200001           |
|           |                                   |  |   | _                                  |         | 640000           |
| 1         | Name:<br>Source:                  | Various<br>Environment Agency, Head Office   | (SW)  | 0                                  | 1       | 642662<br>263939 |
|           | Reference:                        | Not Supplied   |   |                                    |         | 200303           |
|           | Туре:                             | Zone III (Total Catchment): The total area needed to support the discharge   |   |                                    |         |                  |
|           |                                   | from the protected groundwater source.   |   |                                    |         |                  |
|           | 1                                 |  |   | 1                                  | 1       | 1                |



| Map<br>ID | Details  | Quadrant<br>Reference<br>(Compass<br>Direction) | Estimated<br>Distance<br>From Site | Contact | NGR |
|-----------|--|---|------------------------------------|---------|-----|
|           | 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   |   |                                    |         |     |



### Waste

| Map<br>ID |   | Details   | Quadrant<br>Reference<br>(Compass<br>Direction) | Estimated<br>Distance<br>From Site | Contact | NGR              |
|-----------|---|---|---|------------------------------------|---------|------------------|
|           | Local Authority Landfill Coverage                   |   |   |                                    |         |                  |
|           | Name: Suffolk County Cou<br>- Has supplied land     |   |   | 0                                  | 6       | 643158<br>265031 |
|           | Local Authority Landfill Coverage                   |   |   |                                    |         |                  |
|           | Name: Suffolk Coastal Dist<br>- Had landfill data b | rict Council<br>ut passed it to the relevant environment agency |   | 0                                  | 7       | 643158<br>265031 |



## Geological

| Map<br>ID |   | Details  | Quadrant<br>Reference<br>(Compass<br>Direction) | Estimated<br>Distance<br>From Site | Contact | NGR              |
|-----------|---|--|---|------------------------------------|---------|------------------|
|           | BGS 1:625,000 Solid<br>Description:   | <b>I Geology</b><br>Norwich Crag, Red Crag and Chillesford Clay  | C3NE<br>(S)                                     | 0                                  | 2       | 643158<br>265031 |
|           | BGS Estimated Soil<br>Source:<br>Soil Sample Type:<br>Arsenic<br>Concentration:<br>Cadmium<br>Concentration:<br>Chromium<br>Concentration:<br>Lead Concentration:<br>Nickel<br>Concentration: | British Geological Survey, National Geoscience Information Service<br>Rural Soil<br><15 mg/kg<br><1.8 mg/kg<br>60 - 90 mg/kg | C3NW<br>(W)                                     | 0                                  | 3       | 643000<br>265000 |
|           | BGS Estimated Soil<br>Source:<br>Soil Sample Type:<br>Arsenic<br>Concentration:<br>Cadmium<br>Concentration:<br>Chromium<br>Concentration:<br>Lead Concentration:<br>Nickel<br>Concentration: | British Geological Survey, National Geoscience Information Service<br>Rural Soil<br><15 mg/kg<br><1.8 mg/kg<br>40 - 60 mg/kg | C3NE<br>(S)                                     | 0                                  | 3       | 643158<br>265000 |
|           | BGS Estimated Soil<br>Source:<br>Soil Sample Type:<br>Arsenic<br>Concentration:<br>Cadmium<br>Concentration:<br>Chromium<br>Concentration:<br>Lead Concentration:<br>Nickel<br>Concentration: | British Geological Survey, National Geoscience Information Service<br>Rural Soil<br><15 mg/kg<br><1.8 mg/kg<br>40 - 60 mg/kg | C4SE<br>(E)                                     | 242                                | 3       | 644000<br>264792 |
|           | BGS Estimated Soil<br>Source:<br>Soil Sample Type:<br>Arsenic<br>Concentration:<br>Cadmium<br>Concentration:<br>Lead Concentration:<br>Nickel<br>Concentration:                               | British Geological Survey, National Geoscience Information Service<br>Rural Soil<br><15 mg/kg<br><1.8 mg/kg<br>20 - 40 mg/kg | C3SE<br>(E)                                     | 407                                | 3       | 643439<br>264952 |
|           | BGS Estimated Soil<br>Source:<br>Soil Sample Type:<br>Arsenic<br>Concentration:<br>Cadmium<br>Concentration:<br>Chromium<br>Concentration:<br>Lead Concentration:<br>Nickel<br>Concentration: | British Geological Survey, National Geoscience Information Service<br>Rural Soil<br><15 mg/kg<br><1.8 mg/kg<br>40 - 60 mg/kg | C3NE<br>(S)                                     | 441                                | 3       | 643158<br>265031 |
|           | BGS Measured Urba<br>No data available<br>BGS Urban Soil Che<br>No data available   | -  |   |                                    |         |                  |
|           | Coal Mining Affecte<br>In an area that might<br>Non Coal Mining Ar<br>No Hazard   | not be affected by coal mining   |   |                                    |         |                  |



## Geological

| Map<br>ID |                              | Details  | Quadrant<br>Reference<br>(Compass<br>Direction) | Estimated<br>Distance<br>From Site | Contact | NGR              |
|-----------|------------------------------|--|---|------------------------------------|---------|------------------|
|           | Potential for Collap         | sible Ground Stability Hazards   |   |                                    |         |                  |
|           | Hazard Potential:<br>Source: | Very Low<br>British Geological Survey, National Geoscience Information Service                         | C3NE<br>(S)                                     | 0                                  | 2       | 643158<br>265001 |
|           | Potential for Comp           | ressible Ground Stability Hazards  |   |                                    |         |                  |
|           | Hazard Potential:<br>Source: | No Hazard<br>British Geological Survey, National Geoscience Information Service                        | C3NE<br>(S)                                     | 0                                  | 2       | 643158<br>265001 |
|           | Potential for Groun          | d Dissolution Stability Hazards  |   |                                    |         |                  |
|           | No Hazard                    |  |   |                                    |         |                  |
|           | Potential for Lands          | lide Ground Stability Hazards  |   |                                    |         |                  |
|           | Hazard Potential:<br>Source: | Very Low<br>British Geological Survey, National Geoscience Information Service                         | C3NE<br>(S)                                     | 0                                  | 2       | 643158<br>265001 |
|           | Potential for Runni          | ng Sand Ground Stability Hazards   |   |                                    |         |                  |
|           | Hazard Potential:<br>Source: | Very Low<br>British Geological Survey, National Geoscience Information Service                         | C3NE<br>(S)                                     | 0                                  | 2       | 643158<br>265001 |
|           | Potential for Shrink         | ing or Swelling Clay Ground Stability Hazards  |   |                                    |         |                  |
|           | Hazard Potential:<br>Source: | Low<br>British Geological Survey, National Geoscience Information Service                              | C3NE<br>(S)                                     | 0                                  | 2       | 643158<br>265001 |
|           | Radon Potential - R          | adon Protection Measures   |   |                                    |         |                  |
|           | Protection Measure:          | No radon protective measures are necessary in the construction of new<br>dwellings or extensions       | C3NE<br>(S)                                     | 0                                  | 2       | 643158<br>265001 |
|           | Source:                      | British Geological Survey, National Geoscience Information Service                                     |   |                                    |         |                  |
|           | Radon Potential - R          | adon Affected Areas  |   |                                    |         |                  |
|           | Affected Area:               | The property is in a lower probability radon area, as less than 1% of homes are above the action level | C3NE<br>(S)                                     | 0                                  | 2       | 643158<br>265001 |
|           | Source:                      | British Geological Survey, National Geoscience Information Service                                     |   |                                    |         |                  |



## **Industrial Land Use**

| Map<br>ID |   | Details   | Quadrant<br>Reference<br>(Compass<br>Direction) | Estimated<br>Distance<br>From Site | Contact | NGR              |
|-----------|---|---|---|------------------------------------|---------|------------------|
|           | Contemporary Trad   | e Directory Entries   |   |                                    |         |                  |
|           | Name:<br>Location:<br>Classification:<br><b>Status:</b><br>Positional Accuracy: | Just Vw Audi<br>Theberton, Leiston, Suffolk, IP16 4RS<br>Car Breakers & Dismantlers<br>Active<br>Manually positioned within the geographical locality | C3NE<br>(N)                                     | 607                                | -       | 643157<br>265158 |



## **Sensitive Land Use**

| Map<br>ID |                                  | Details   | Quadrant<br>Reference<br>(Compass<br>Direction) | Estimated<br>Distance<br>From Site | Contact | NGR              |
|-----------|----------------------------------|---|---|------------------------------------|---------|------------------|
|           | Nitrate Vulnerat                 | ble Zones   |   |                                    |         |                  |
| 2         | Name:<br>Description:<br>Source: | Not Supplied<br>NVZ Area<br>Department for Environment, Food and Rural Affairs (DEFRA - formerly<br>FRCA) | C3NE<br>(S)                                     | 0                                  | 5       | 643158<br>265031 |



| Agency & Hydrological  | Version        | Update Cycle          |
|--|----------------|-----------------------|
| Contaminated Land Register Entries and Notices                         |                |                       |
| Suffolk Coastal District Council - Environmental Health Department     | September 2011 | Annual Rolling Update |
| Discharge Consents   |                |                       |
| Environment Agency - Anglian Region                                    | April 2012     | Quarterly             |
| Enforcement and Prohibition Notices                                    |                |                       |
| Environment Agency - Anglian Region                                    | June 2012      | Quarterly             |
| Integrated Pollution Controls  |                |                       |
| Environment Agency - Anglian Region                                    | October 2008   | Not Applicable        |
| Integrated Pollution Prevention And Control                            |                |                       |
| Environment Agency - Anglian Region                                    | April 2012     | Quarterly             |
| Local Authority Integrated Pollution Prevention And Control            |                |                       |
| Suffolk Coastal District Council - Environmental Health Department     | December 2011  | Annual Rolling Update |
| Local Authority Pollution Prevention and Controls                      |                |                       |
| Suffolk Coastal District Council - Environmental Health Department     | December 2011  | Annual Rolling Update |
| Local Authority Pollution Prevention and Control Enforcements          |                |                       |
| Suffolk Coastal District Council - Environmental Health Department     | December 2011  | Annual Rolling Update |
| Nearest Surface Water Feature  |                |                       |
| Ordnance Survey  | December 2011  | Quarterly             |
| Pollution Incidents to Controlled Waters                               |                |                       |
| Environment Agency - Anglian Region                                    | September 1999 | Not Applicable        |
| Prosecutions Relating to Authorised Processes                          | h              | Marchela              |
| Environment Agency - Anglian Region                                    | June 2012      | Monthly               |
| Prosecutions Relating to Controlled Waters                             | h              | Marshitt              |
| Environment Agency - Anglian Region                                    | June 2012      | Monthly               |
| Registered Radioactive Substances                                      |                | Quartadu              |
| Environment Agency - Anglian Region                                    | April 2012     | Quarterly             |
| River Quality  | Neversher 2004 | Net Applicable        |
| Environment Agency - Head Office                                       | November 2001  | Not Applicable        |
| River Quality Biology Sampling Points Environment Agency - Head Office |                | Appuelly              |
|  | January 2011   | Annually              |
| River Quality Chemistry Sampling Points                                | January 2014   | Annually              |
| Environment Agency - Head Office                                       | January 2011   | Annually              |
| Substantiated Pollution Incident Register                              |                | Quartadu              |
| Environment Agency - Anglian Region - Eastern Area                     | April 2012     | Quarterly             |
| Water Abstractions   |                | Quartarly             |
| Environment Agency - Anglian Region                                    | April 2012     | Quarterly             |
| Water Industry Act Referrals   |                | Quartarly             |
| Environment Agency - Anglian Region                                    | April 2012     | Quarterly             |
| Groundwater Vulnerability  | January 2011   | Not Applicable        |
| Environment Agency - Head Office                                       | January 2011   | Not Applicable        |
| Drift Deposits   | lonuony 1000   | Not Appliable         |
| Environment Agency - Head Office                                       | January 1999   | Not Applicable        |
| Bedrock Aquifer Designations   | Sontombor 2011 | Appually              |
| British Geological Survey - National Geoscience Information Service    | September 2011 | Annually              |
| Superficial Aquifer Designations                                       | Contombor 2011 | Appuelly              |
| British Geological Survey - National Geoscience Information Service    | September 2011 | Annually              |
| Source Protection Zones  | A ~~:: 0040    | Querterly             |
| Environment Agency - Head Office                                       | April 2012     | Quarterly             |
| Extreme Flooding from Rivers or Sea without Defences                   | May 2010       | Our and a set of      |
| Environment Agency - Head Office                                       | May 2012       | Quarterly             |



| Agency & Hydrological  | Version                        | Update Cycle          |
|--|--------------------------------|-----------------------|
| Flooding from Rivers or Sea without Defences   |                                |                       |
| Environment Agency - Head Office   | May 2012                       | Quarterly             |
| Areas Benefiting from Flood Defences   |                                |                       |
| Environment Agency - Head Office   | May 2012                       | Quarterly             |
| Flood Water Storage Areas  |                                |                       |
| Environment Agency - Head Office   | May 2012                       | Quarterly             |
| Flood Defences   |                                |                       |
| Environment Agency - Head Office   | May 2012                       | Quarterly             |
| Waste  | Version                        | Update Cycle          |
| BGS Recorded Landfill Sites  |                                |                       |
| British Geological Survey - National Geoscience Information Service                                | June 1996                      | Not Applicable        |
| Historical Landfill Sites  |                                |                       |
| Environment Agency - Anglian Region - Eastern Area   | January 2012                   | Quarterly             |
| Integrated Pollution Control Registered Waste Sites  |                                |                       |
| Environment Agency - Anglian Region  | October 2008                   | Not Applicable        |
| Licensed Waste Management Facilities (Landfill Boundaries)   |                                |                       |
| Environment Agency - Anglian Region - Eastern Area   | April 2012                     | Quarterly             |
| Licensed Waste Management Facilities (Locations)   |                                |                       |
| Environment Agency - Anglian Region - Eastern Area   | April 2012                     | Quarterly             |
| Local Authority Landfill Coverage  |                                |                       |
| Suffolk Coastal District Council - Environmental Health Department                                 | May 2000                       | Not Applicable        |
| Suffolk County Council   | May 2000                       | Not Applicable        |
| Local Authority Recorded Landfill Sites  |                                |                       |
| Suffolk Coastal District Council - Environmental Health Department                                 | May 2000                       | Not Applicable        |
| Suffolk County Council   | May 2000                       | Not Applicable        |
| Registered Landfill Sites  |                                |                       |
| Environment Agency - Anglian Region - Eastern Area   | March 2003                     | Not Applicable        |
| Registered Waste Transfer Sites  |                                |                       |
| Environment Agency - Anglian Region - Eastern Area   | March 2003                     | Not Applicable        |
| Registered Waste Treatment or Disposal Sites   |                                |                       |
| Environment Agency - Anglian Region - Eastern Area   | March 2003                     | Not Applicable        |
| Hazardous Substances   | Version                        | Update Cycle          |
| Control of Major Accident Hazards Sites (COMAH)  |                                |                       |
| Health and Safety Executive  | May 2012                       | Bi-Annually           |
| Explosive Sites  |                                |                       |
| Health and Safety Executive  | June 2012                      | Bi-Annually           |
| Notification of Installations Handling Hazardous Substances (NIHHS)<br>Health and Safety Executive | November 2000                  | Not Applicable        |
|  |                                |                       |
| Planning Hazardous Substance Enforcements  | Desember 0044                  | Annual Delling Light  |
| Suffolk Coastal District Council   | December 2011<br>February 2006 | Annual Rolling Update |
| Suffolk County Council - Environment and Transport   | February 2006                  | Annual Rolling Update |
| Planning Hazardous Substance Consents  | Desember 0044                  | Annual Delling Lights |
| Suffolk Coastal District Council   | December 2011                  | Annual Rolling Update |
| Suffolk County Council - Environment and Transport   | February 2006                  | Annual Rolling Update |



| Geological  | Version       | Update Cycle   |
|---|---------------|----------------|
| BGS 1:625,000 Solid Geology   |               |                |
| British Geological Survey - National Geoscience Information Service | August 1996   | Not Applicable |
| BGS Estimated Soil Chemistry  |               |                |
| British Geological Survey - National Geoscience Information Service | January 2010  | Variable       |
| BGS Recorded Mineral Sites  |               |                |
| British Geological Survey - National Geoscience Information Service | April 2012    | Bi-Annually    |
| Brine Compensation Area   |               |                |
| Cheshire Brine Subsidence Compensation Board                        | August 2011   | Not Applicable |
| Coal Mining Affected Areas  |               |                |
| The Coal Authority - Mining Report Service                          | August 2011   | As notified    |
| Mining Instability  |               |                |
| Ove Arup & Partners   | October 2000  | Not Applicable |
| Non Coal Mining Areas of Great Britain                              |               |                |
| British Geological Survey - National Geoscience Information Service | February 2011 | Not Applicable |
| Potential for Collapsible Ground Stability Hazards                  |               |                |
| British Geological Survey - National Geoscience Information Service | February 2011 | Annually       |
| Potential for Compressible Ground Stability Hazards                 |               |                |
| British Geological Survey - National Geoscience Information Service | February 2011 | Annually       |
| Potential for Ground Dissolution Stability Hazards                  |               |                |
| British Geological Survey - National Geoscience Information Service | February 2011 | Annually       |
| Potential for Landslide Ground Stability Hazards                    |               |                |
| British Geological Survey - National Geoscience Information Service | February 2011 | Annually       |
| Potential for Running Sand Ground Stability Hazards                 |               |                |
| British Geological Survey - National Geoscience Information Service | February 2011 | Annually       |
| Potential for Shrinking or Swelling Clay Ground Stability Hazards   |               |                |
| British Geological Survey - National Geoscience Information Service | February 2011 | Annually       |
| Radon Potential - Radon Affected Areas                              |               |                |
| British Geological Survey - National Geoscience Information Service | July 2011     | As notified    |
| Radon Potential - Radon Protection Measures                         |               |                |
| British Geological Survey - National Geoscience Information Service | July 2011     | As notified    |
| Industrial Land Use   | Version       | Update Cycle   |
| Contemporary Trade Directory Entries                                |               |                |
| Thomson Directories   | May 2012      | Quarterly      |
| Fuel Station Entries  |               |                |
| Catalist Ltd - Experian   | February 2012 | Quarterly      |



| Sensitive Land Use   | Version       | Update Cycle   |
|--|---------------|----------------|
| Areas of Outstanding Natural Beauty  |               |                |
| Natural England  | February 2012 | Bi-Annually    |
| Environmentally Sensitive Areas  |               |                |
| Natural England  | February 2012 | Annually       |
| Forest Parks   |               |                |
| Forestry Commission  | April 1997    | Not Applicable |
| Local Nature Reserves  |               |                |
| Natural England  | February 2012 | Bi-Annually    |
| Marine Nature Reserves   |               |                |
| Natural England  | February 2012 | Bi-Annually    |
| National Nature Reserves   |               |                |
| Natural England  | February 2012 | Bi-Annually    |
| National Parks   |               |                |
| Natural England  | February 2012 | Bi-Annually    |
| Nitrate Sensitive Areas  |               |                |
| Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) | February 2012 | Not Applicable |
| Nitrate Vulnerable Zones   |               |                |
| Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) | February 2012 | Annually       |
| Ramsar Sites   |               |                |
| Natural England  | February 2012 | Bi-Annually    |
| Sites of Special Scientific Interest                                       |               |                |
| Natural England  | February 2012 | Bi-Annually    |
| Special Areas of Conservation  |               |                |
| Natural England  | February 2012 | Bi-Annually    |
| Special Protection Areas   |               |                |
| Natural England  | February 2012 | Bi-Annually    |



A selection of organisations who provide data within this report

| Data Supplier                          | Data Supplier Logo  |
|--|---|
| Ordnance Survey                        | Licensed Partner  |
| Environment Agency                     | Environment<br>Agency   |
| Scottish Environment Protection Agency | SEEP Scottish Environment<br>Protection Agency                            |
| The Coal Authority                     | THE<br>COAL<br>AUTHORITY  |
| British Geological Survey              | British<br>Geological Survey  |
| Centre for Ecology and Hydrology       | Centre for<br>Ecology & Hydrology<br>Natural environment research council |
| Countryside Council for Wales          | CYNGOR CEFN GWLAD CYMRU<br>COUNTRYSIDE COUNCIL FOR WALES                  |
| Scottish Natural Heritage              | SCOTTISH<br>NATURAL<br>HERITAGE<br>댄스중슈                                   |
| Natural England                        | NATURAL<br>ENGLAND  |
| Health Protection Agency               | Health<br>Protection<br>Agency  |
| Ove Arup                               | ARUP  |
| Peter Brett Associates                 | peterbrett  |



## **Useful Contacts**

| Contact | Name and Address   | Contact Details   |
|---------|--|---|
| 1       | Environment Agency - National Customer Contact<br>Centre (NCCC)  | Telephone: 08708 506 506<br>Email: enquiries@environment-agency.gov.uk  |
|         | PO Box 544, Templeborough, Rotherham, S60 1BY  |   |
| 2       | British Geological Survey - Enquiry Service<br>British Geological Survey, Kingsley Dunham Centre, Keyworth,<br>Nottingham, Nottinghamshire, NG12 5GG             | Telephone: 0115 936 3143<br>Fax: 0115 936 3276<br>Email: enquiries@bgs.ac.uk<br>Website: www.bgs.ac.uk                          |
| 3       | Landmark Information Group Limited<br>5 - 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY   | Telephone: 01392 441761<br>Fax: 01392 441709<br>Email: cssupport@landmarkinfo.co.uk<br>Website: www.landmarkinfo.co.uk          |
| 4       | <b>Natural England</b><br>Northminster House, Northminster Road, Peterborough, Cambridgeshire,<br>PE1 1UA  | Telephone: 0845 600 3078<br>Fax: 01733 455103<br>Email: enquiries@naturalengland.org.uk<br>Website: www.naturalengland.org.uk   |
| 5       | Department for Environment, Food and Rural Affairs<br>(DEFRA - formerly FRCA)<br>Government Buildings, Otley Road, Lawnswood, Leeds, West Yorkshire,<br>LS16 5QT | Telephone: 0113 2613333<br>Fax: 0113 230 0879   |
| 6       | Suffolk County Council<br>St Edmund House, County Hall, Ipswich, Suffolk, IP4 1LZ  | Telephone: 01473 583000<br>Fax: 01473 230240<br>Website: www.suffolkcc.gov.uk   |
| 7       | Suffolk Coastal District Council - Environmental Health<br>Department<br>Council Offices, Melton Hill, Woodbridge, Suffolk, IP12 1AU                             | Telephone: 01394 383789 extn 2238<br>Fax: 01394 385100<br>Website: www.suffolkcoastal.gov.uk                                    |
| -       | Health Protection Agency - Radon Survey, Centre for<br>Radiation, Chemical and Environmental Hazards<br>Chilton, Didcot, Oxfordshire, OX11 0RQ                   | Telephone: 01235 822622<br>Fax: 01235 833891<br>Email: radon@hpa.org.uk<br>Website: www.hpa.org.uk                              |
| -       | Landmark Information Group Limited<br>The Smith Centre, Henley On Thames, Oxfordshire, RG9 6AB   | Telephone: 0844 844 9952<br>Fax: 0844 844 9951<br>Email: customerservices@landmarkinfo.co.uk<br>Website: www.landmarkinfo.co.uk |

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

## **Historical Mapping Legends**

| Ordnance Survey County Series 1:10,560   | Ordnance Survey Plan 1:10,000  | 1:10,000 Raster Mapping  |
|--|--|--|
| Gravel Sand Other<br>Pit Pit Pits  | رمینیک Chalk Pit, Clay Pit ورونیک Gravel Pit<br>کرین or Quarry   | Gravel Pit Gravel Pit or slag heap   |
| Orchard Quarry   | Sand Pit   | Rock Cock (scattered)  |
| A Reeds Marsh  | Refuse or Lake, Loch   | ົ້ໍ້ຈັ Boulders ໍ Boulders (scattered)   |
|  | Dunes 500 Boulders   | Shingle Mud Mud  |
| Mixed Wood Deciduous Brushwood   | ネネ Coniferous ふ  | Sand Sand Sand Pit   |
|  |  | Slopes Transmith Top of cliff  |
|  | ி ் Orchard இந்_ Scrub \Υ்னு Coppice   | General detail Underground detail  |
| Fir Furze Rough Pasture  | יזר Bracken איזענעי Heath איז  | — — — — Overhead detail <del>++++++++++</del> Narrow gauge<br>railway              |
| Arrow denotes Arrow denotes Trigonometrical flow of water Station                                    | عنين Marsh ۲۷٬۰٬ Reeds <u>عن</u> Saltings  | Multi-track Single track<br>railway railway Civil, parish c                        |
| - → Site of Antiquities  | Direction of Flow of Water<br>Building   | County boundary County, parising<br>(England only) community<br>District, Unitary, |
| Pump, Guide Post, Well, Spring,<br>Signal Post Boundary Post<br>• <b>285</b> Surface Level           | Glasshouse Sand  | Metropolitan, Constituency<br>London Borough boundary<br>boundary                  |
| Sketched Instrumental  | Pylon<br>—— □ — — Electricity<br>Transmission<br>Pole Line   | Area of wooded<br>↓ ↑ Area of wooded<br>↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓      |
| Main Roads Fenced Minor Roads Fenced   | ·  |  |
| Un-Fenced Un-Fenced  | Cutting Embankment Standard Gauge  |  |
| Sunken Road Raised Road  | Road '''∏''' Road Level Foot Single Track<br>Under Over Crossing Bridge  | 수 수 Orchard 《 Coppice<br>수 수   |
| Road over<br>Railway River   | Siding, Tramway<br>or Mineral Line<br>Narrow Gauge   | ்பிட Rough பிட்சு Heath  |
| Railway over Level Crossing  | Geographical County  | ∩Scrub _⊻∠Marsh, Salt<br>_⊻∠Marsh or Ree   |
| Road over<br>River or Canal Stream   | — — — — Administrative County, County Borough<br>or County of City<br>Municipal Borough, Urban or Rural District,          | Water feature Flow arrows  |
| Road over<br>Stream  | Burgh or District Council<br>Borough, Burgh or County Constituency<br>Shown only when not coincident with other boundaries | MHW(S) Mean high water (springs) Mean low water (springs)                          |
| ————— County Boundary (Geographical)   | — — — — Civil Parish<br>Shown alternately when coincidence of boundaries occurs  | Telephone line Electricity<br>(where shown) (with poles)                           |
| County & Civil Parish Boundary   | BP, BS Boundary Post or Stone Pol Sta Police Station   | (with poles)<br>← Bench mark _ Triangulation                                       |
| + · + · + · + · + Administrative County & Civil Parish Boundary<br>County Borough Boundary (England) | Ch Church PO Post Office<br>CH Club House PC Public Convenience  | Point feature Pylon flare s  |
|  | F E Sta Fire Engine Station PH Public House<br>FB Foot Bridge SB Signal Box<br>– – – – –                                   | <ul> <li>(e.g. Guide Post ⊠ or lighting tov<br/>or Mile Stone)</li> </ul>          |
| Co. Boro. Bdy.   |  |  |
|  | Fn Fountain Spr Spring<br>GP Guide Post TCB Telephone Call Box<br>MP Mile Post TCP Telephone Call Post                     | •‡• Site of (antiquity) Glasshouse   |

### ping

Underground detail Narrow gauge railway Single track railway Civil, parish or community boundary Constituency boundary

Non-coniferous

Marsh, Salt Marsh or Reeds

water (springs)

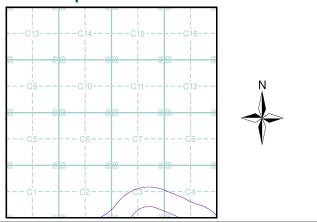
transmission line

Pylon, flare stack or lighting tower

# ame Historical Mapping & Photography included:

| Mapping Type         | Scale    | Date        | Pg |
|----------------------|----------|-------------|----|
| Suffolk              | 1:10,560 | 1883 - 1885 | 2  |
| Suffolk              | 1:10,560 | 1905        | 3  |
| Suffolk              | 1:10,560 | 1928        | 4  |
| Suffolk              | 1:10,560 | 1938 - 1950 | 5  |
| Suffolk              | 1:10,560 | 1950 - 1951 | 6  |
| Ordnance Survey Plan | 1:10,000 | 1957 - 1958 | 7  |
| Ordnance Survey Plan | 1:10,000 | 1977        | 8  |
| Ordnance Survey Plan | 1:10,000 | 1982        | 9  |
| 10K Raster Mapping   | 1:10,000 | 2012        | 10 |

### Historical Map - Slice C



### **Order Details**

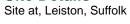
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40137381\_1\_1 32623 С 60.79 500

Tel: Fax:

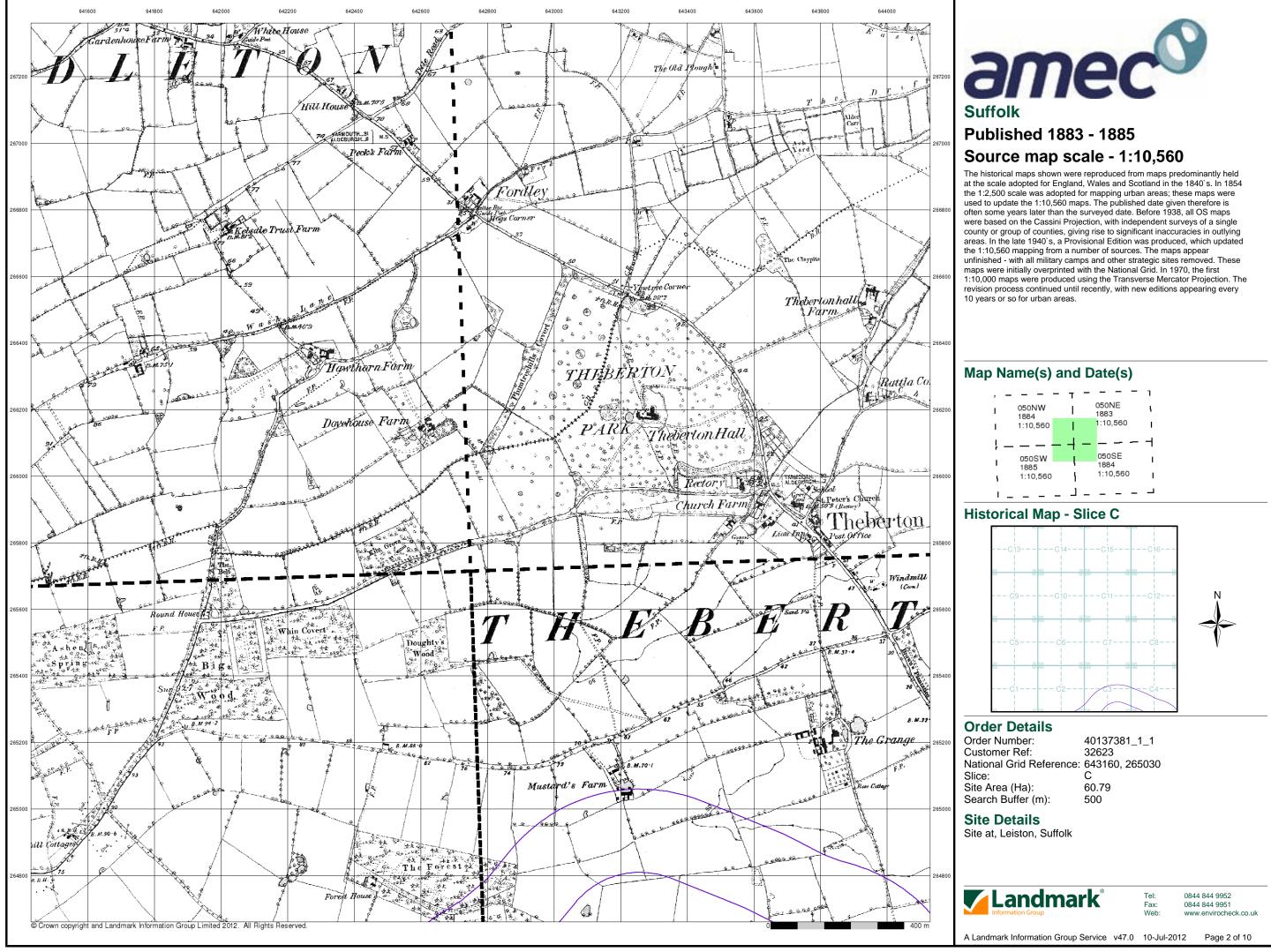
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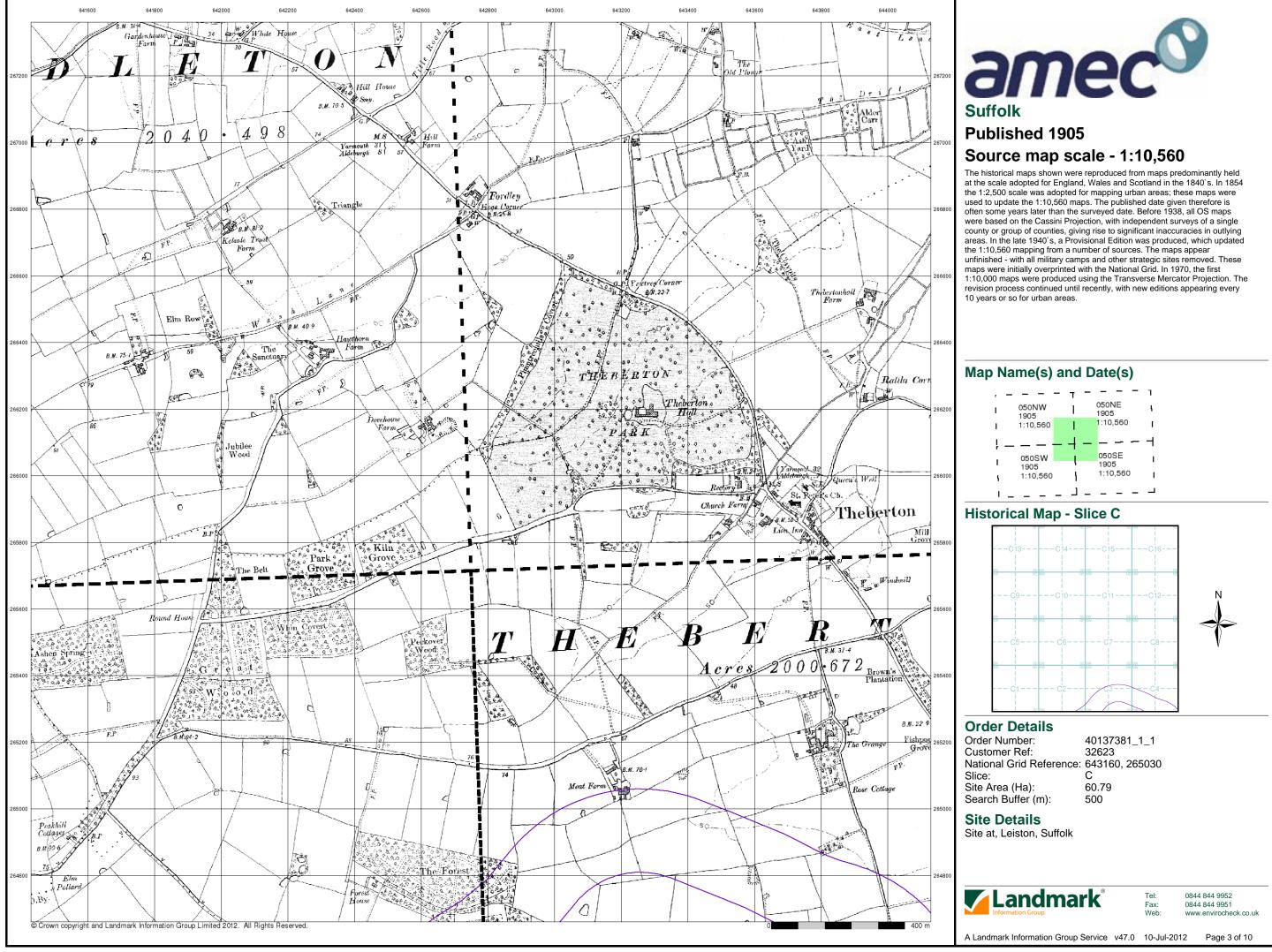




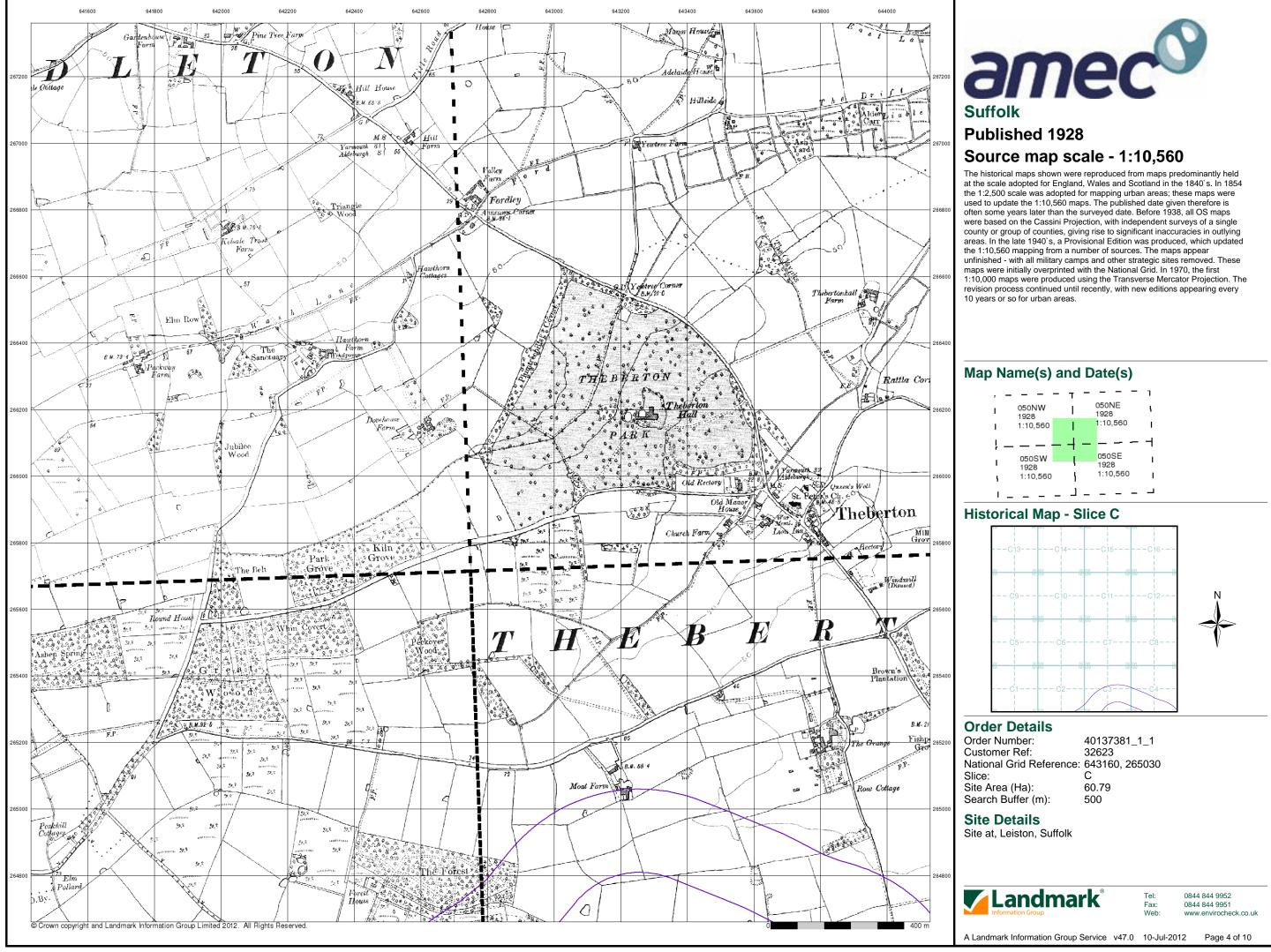
0844 844 9952 0844 844 9951 www.envirocheck.co.uk



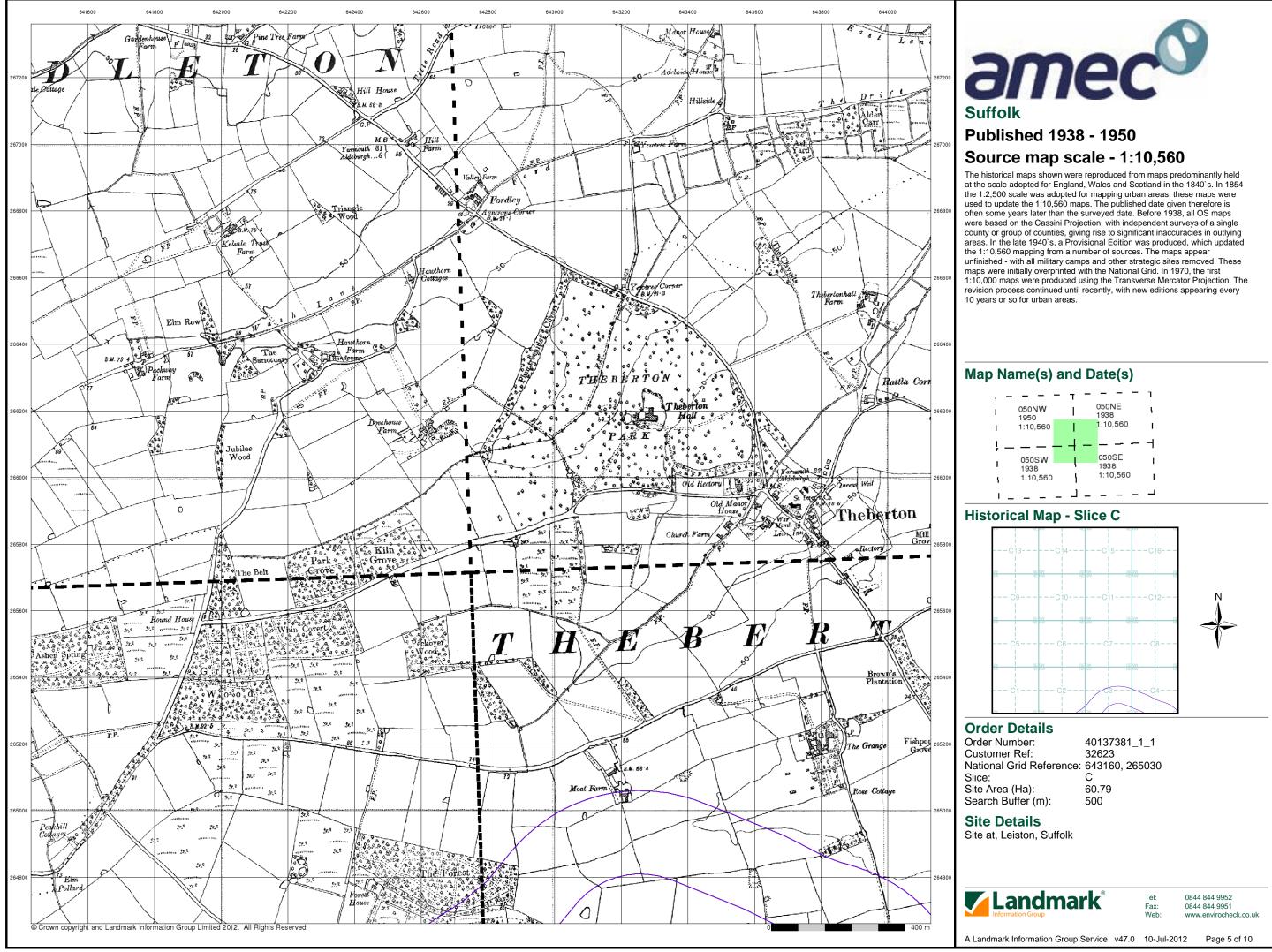




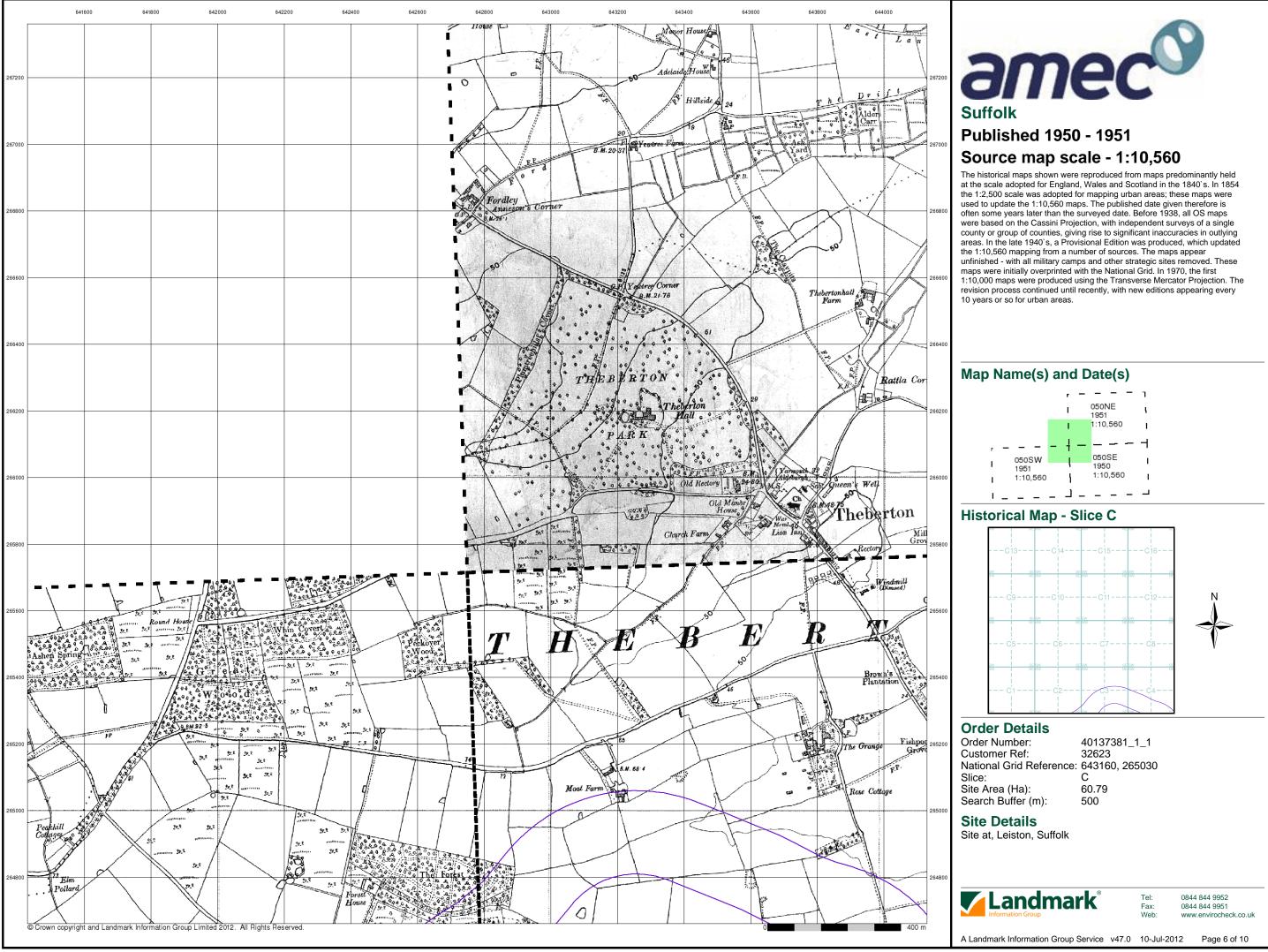




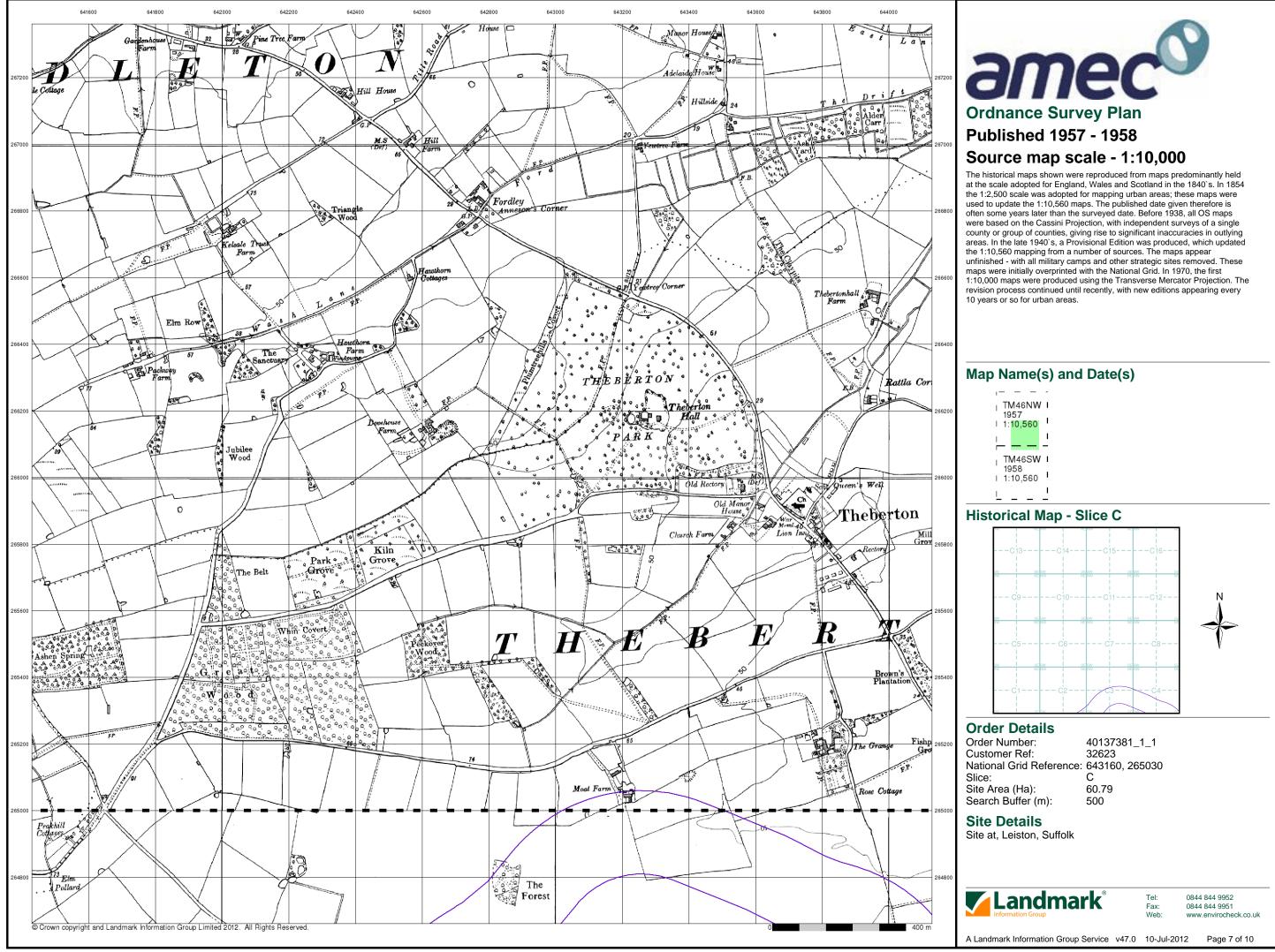




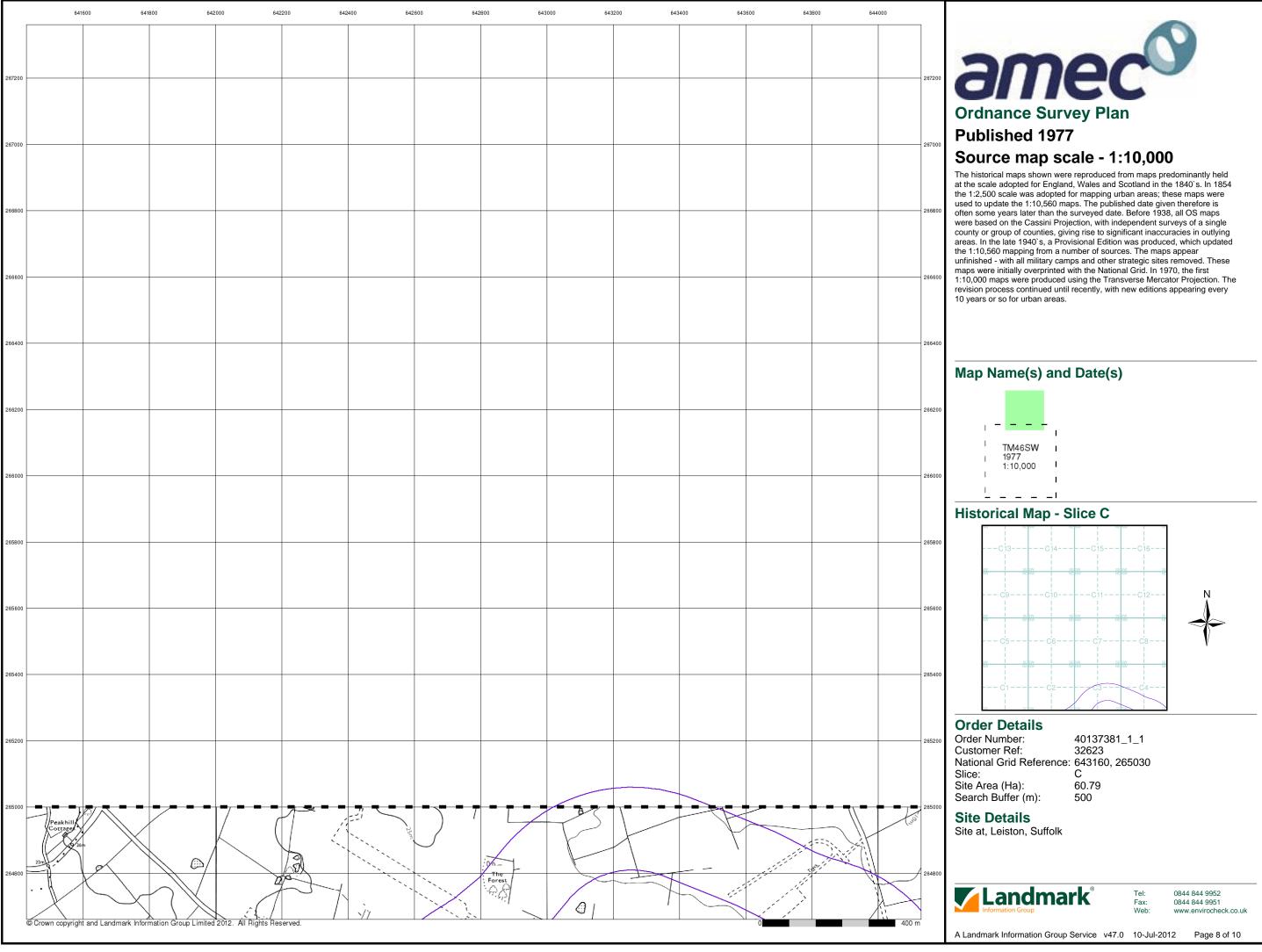


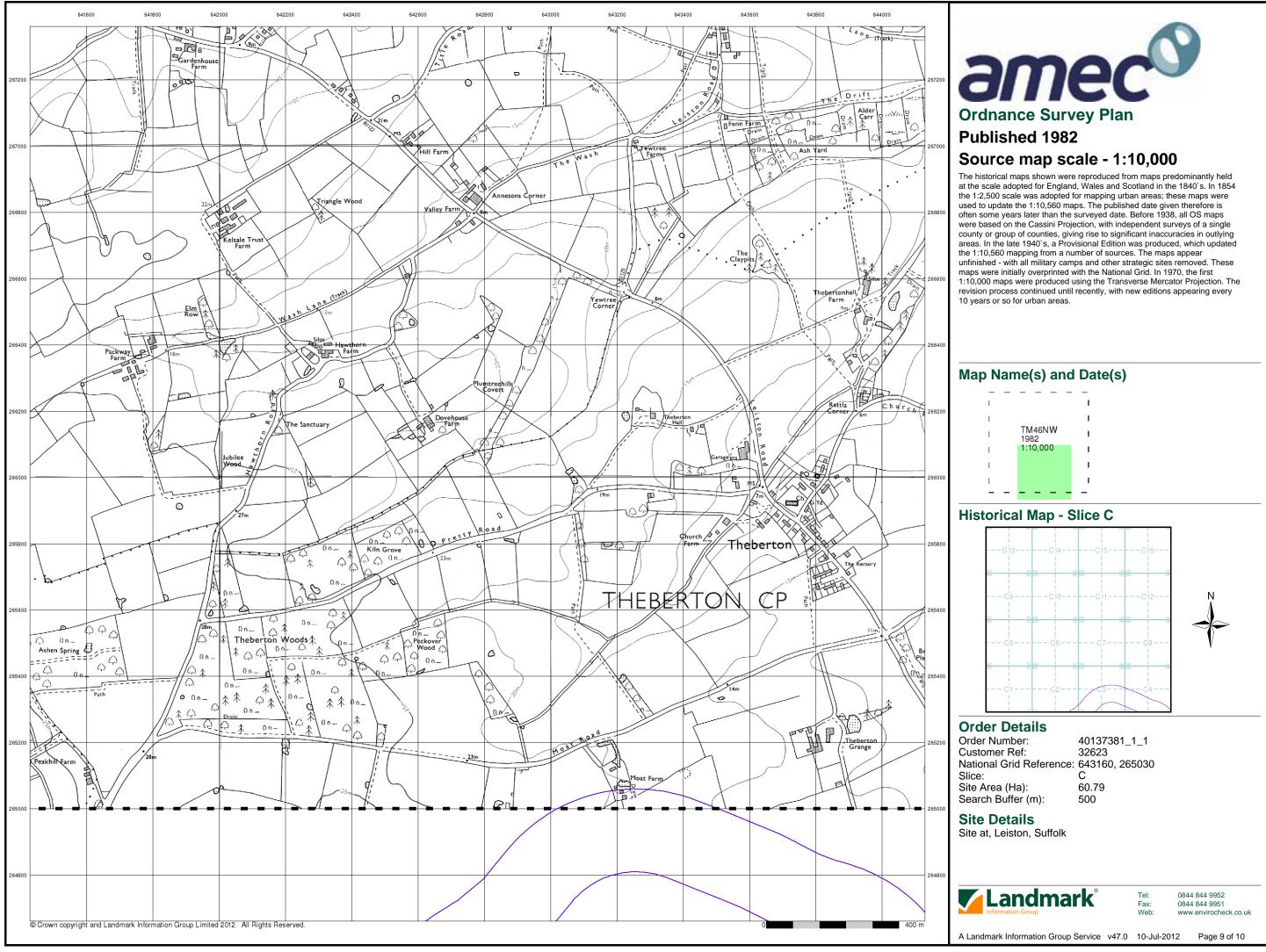




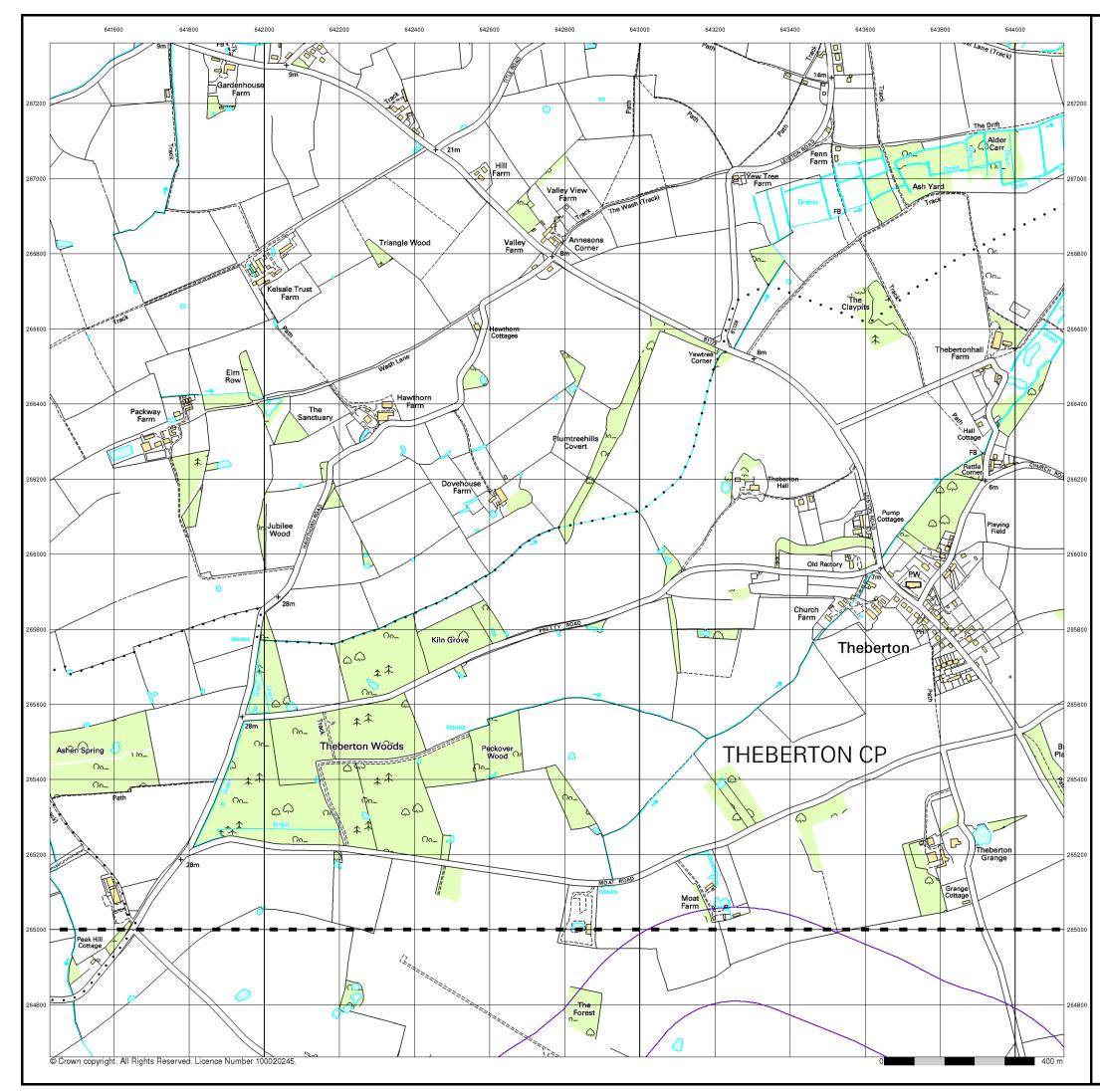














### **10k Raster Mapping**

### Published 2012

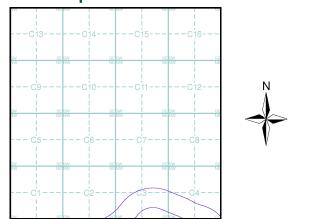
### Source map scale - 1:10,000

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

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

- TM46NW I 2012 1:10,000 TM46SW I 2012 1 1:10,000
- I

### **Historical Map - Slice C**



### **Order Details**

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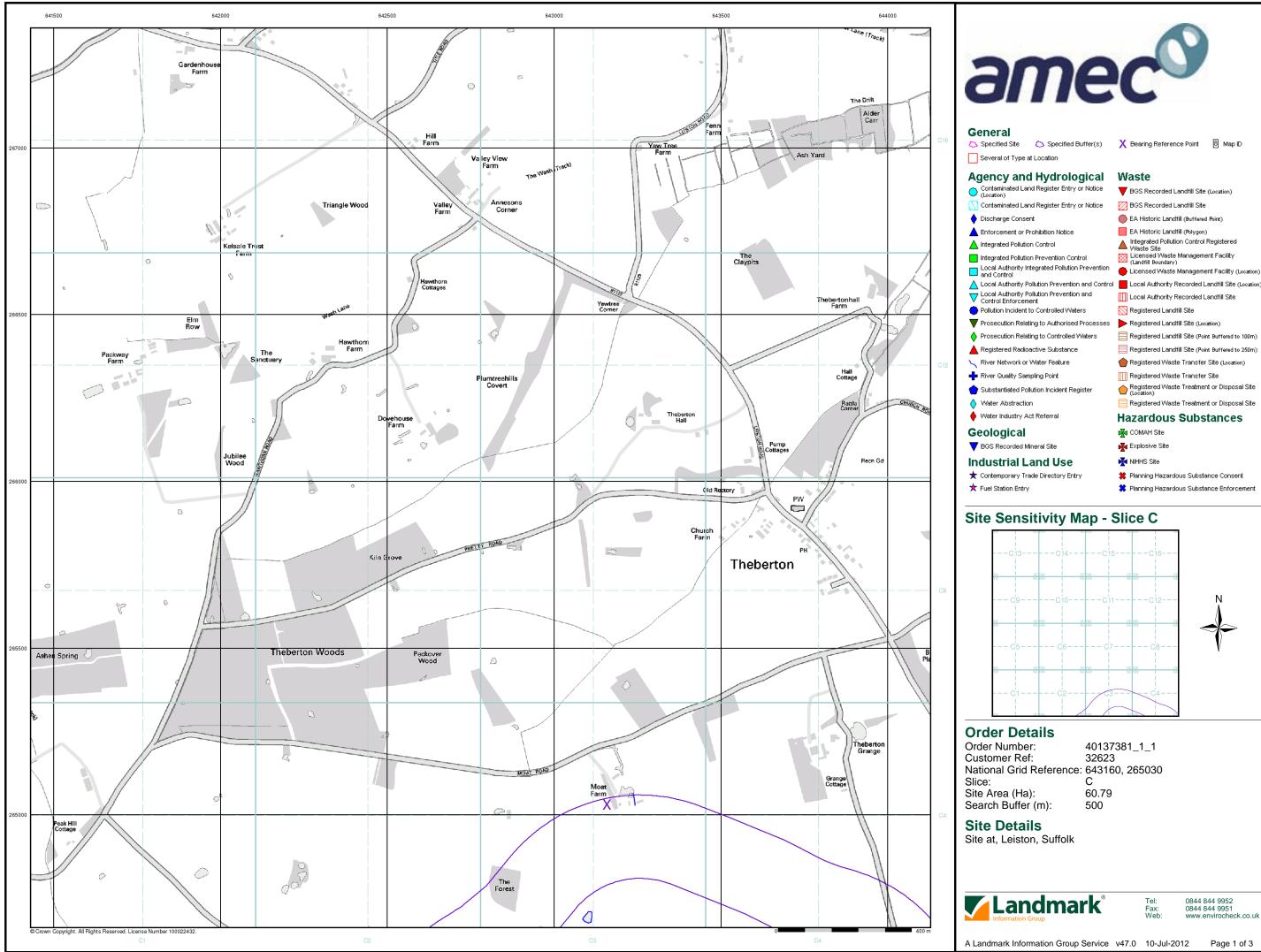
Site Details Site at, Leiston, Suffolk



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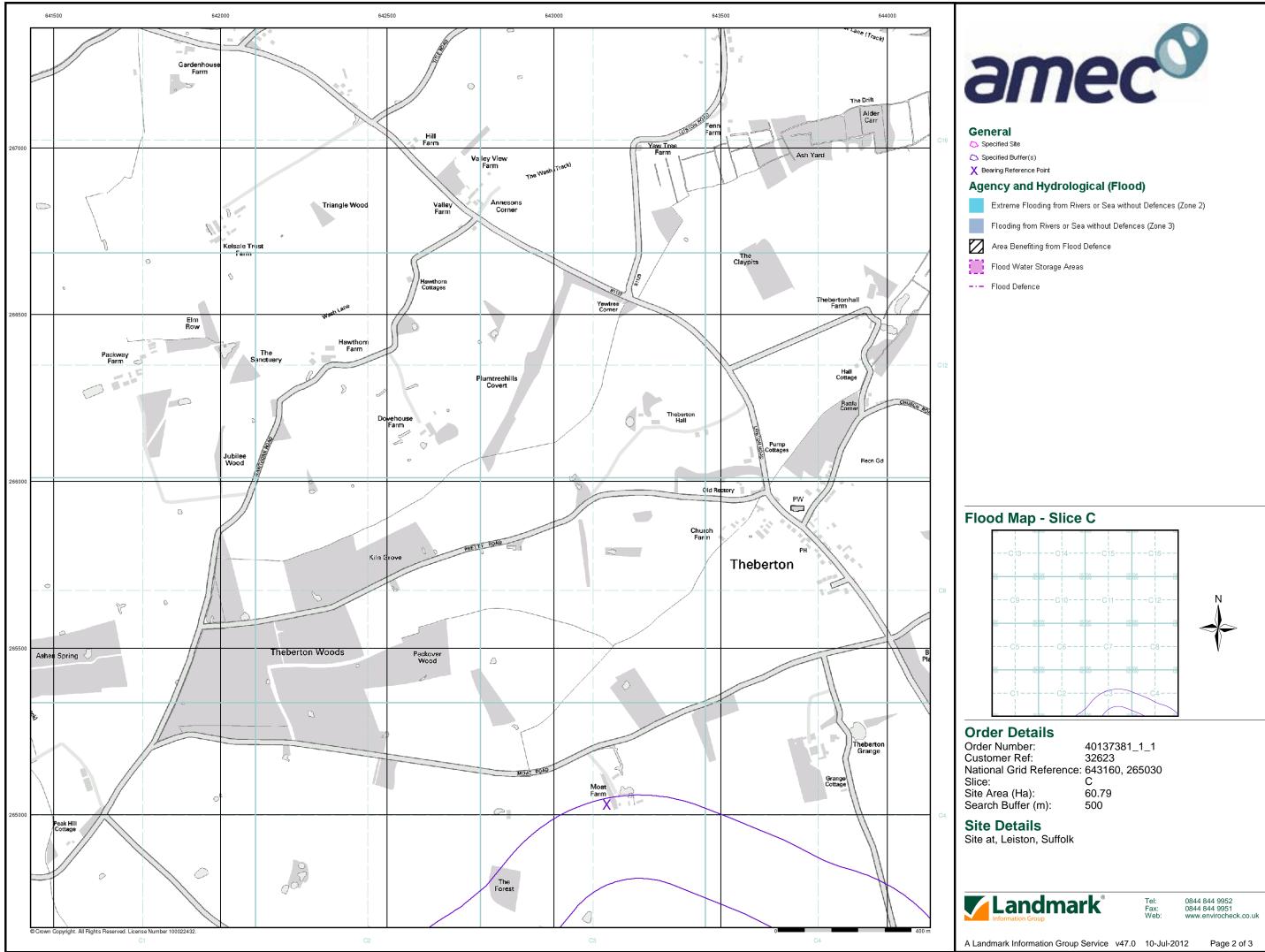
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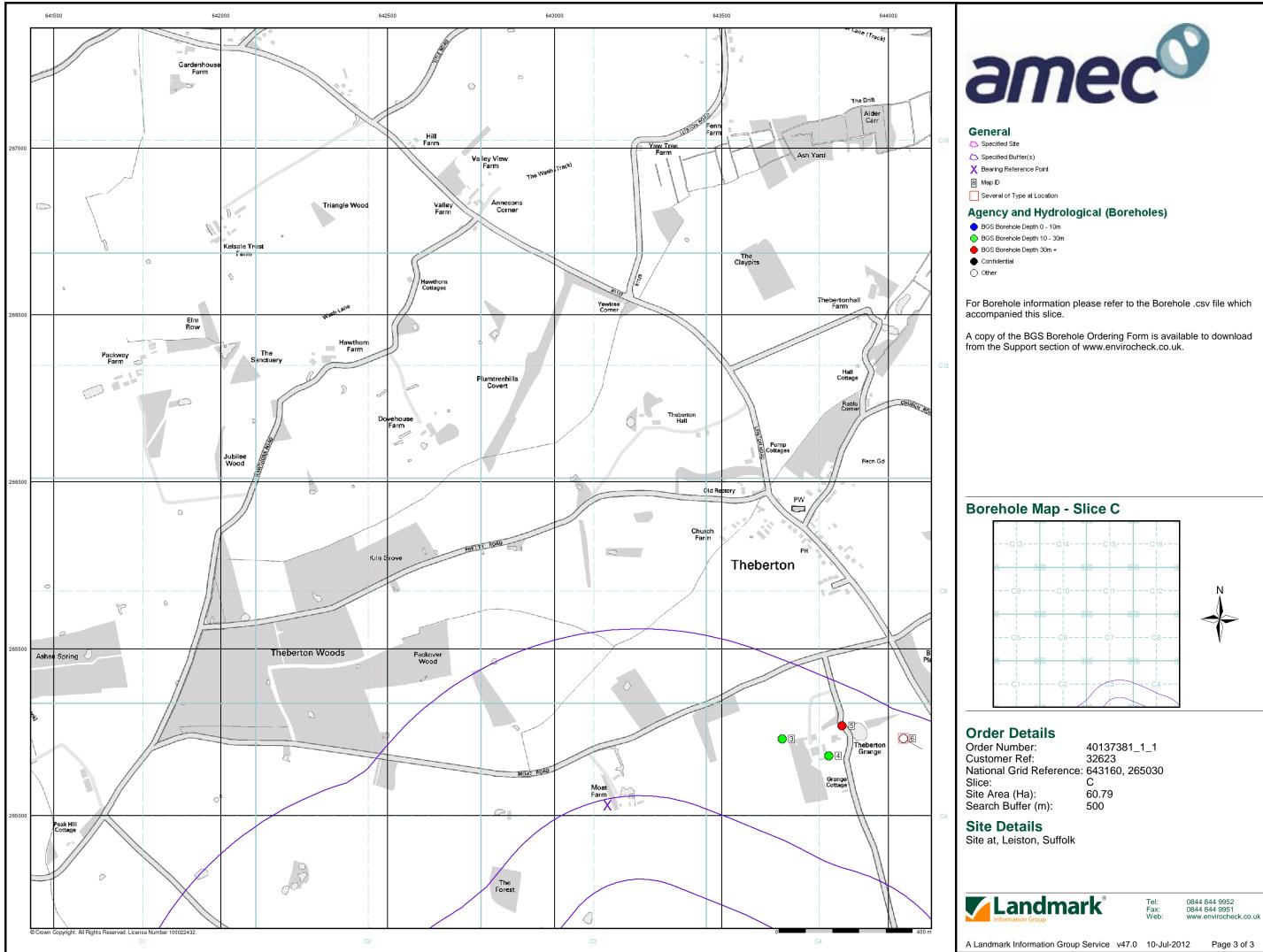
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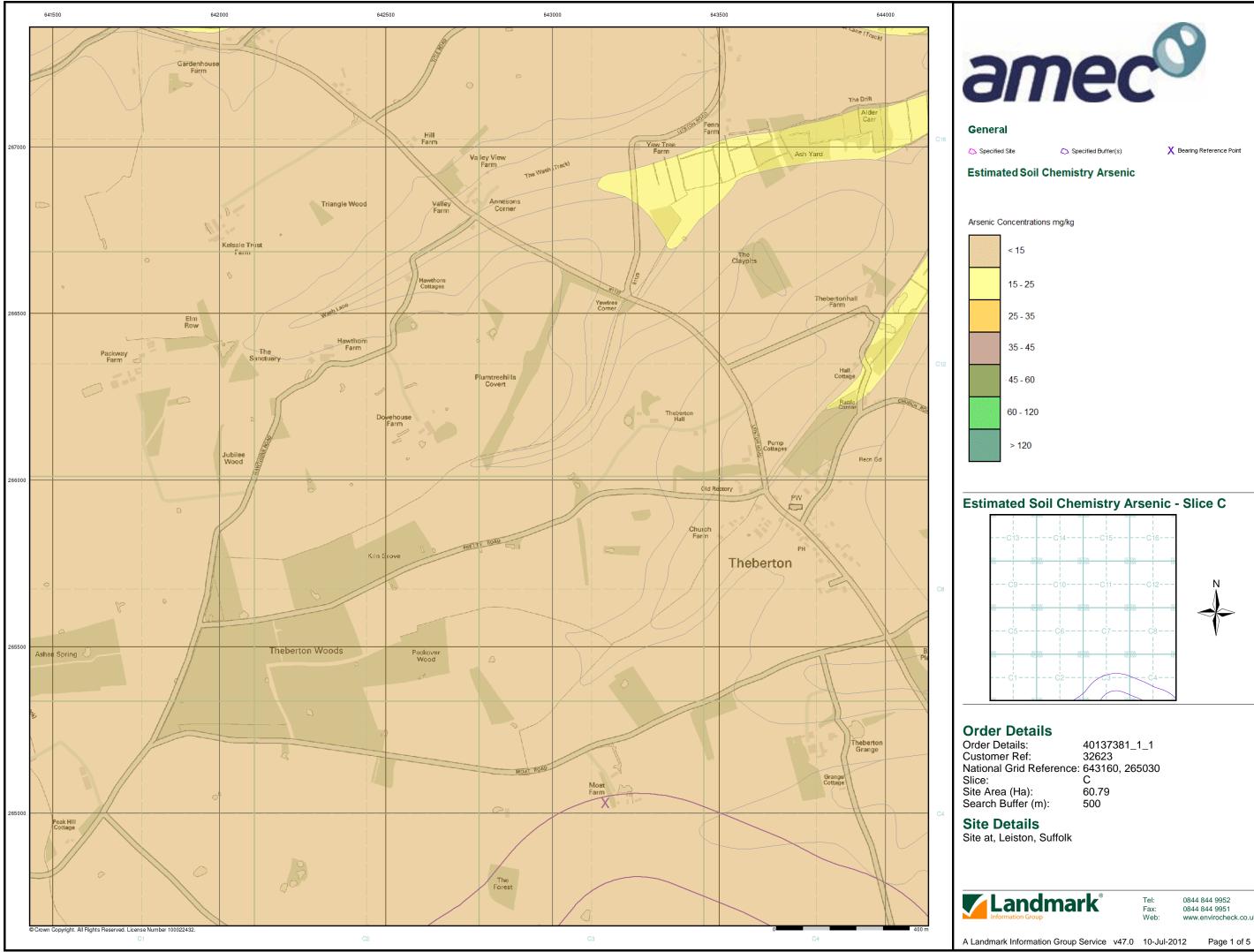


| Specified Buffer(s)            | X Bearing Reference P  |
|--------------------------------|--|
| Location                       |  |
| Hydrological                   | Waste  |
| d Register Entry or Notice     | BGS Recorded Land  |
| d Register Entry or Notice     | BGS Recorded Land  |
| ıt                             | 🔴 EA Historic Landfill (B  |
| ohibition Notice               | EA Historic Landfill (P  |
| n Control                      | Integrated Pollution C     Waste Site  |
| Prevention Control             | Licensed Waste Mar<br>(Landfill Boundary)  |
| egrated Pollution Prevention   | Licensed Waste Man   |
| llution Prevention and Control | Local Authority Reco   |
| Ilution Prevention and<br>ent  | Local Authority Reco   |
| o Controlled Waters            | 🚫 Registered Landfill Si   |
| ng to Authorised Processes     | Registered Landfill Si   |
| ng to Controlled Waters        | 📃 Registered Landfill Si   |
| ctive Substance                | 📃 Registered Landfill Si   |
| Nater Feature                  | 👚 Registered Waste Tra   |
| oling Point                    | IIII Registered Waste Tra  |
| tion Incident Register         | Registered Waste Tro<br>(Location)   |
| 1                              | Registered Waste Tr  |
| t Referral                     | Hazardous Si   |
|                                | K COMAH Site   |
| neral Site                     | 🙀 Explosive Site   |
| and Use                        | 🙀 NIHHS Site   |
|                                | Location  Hydrological d Register Entry or Notice d Control of Devention Control egrated Pollution Prevention fultion Prevention and Control fultion Prevention and Control fultion Prevention and Control controlled Waters fult of Control fult |

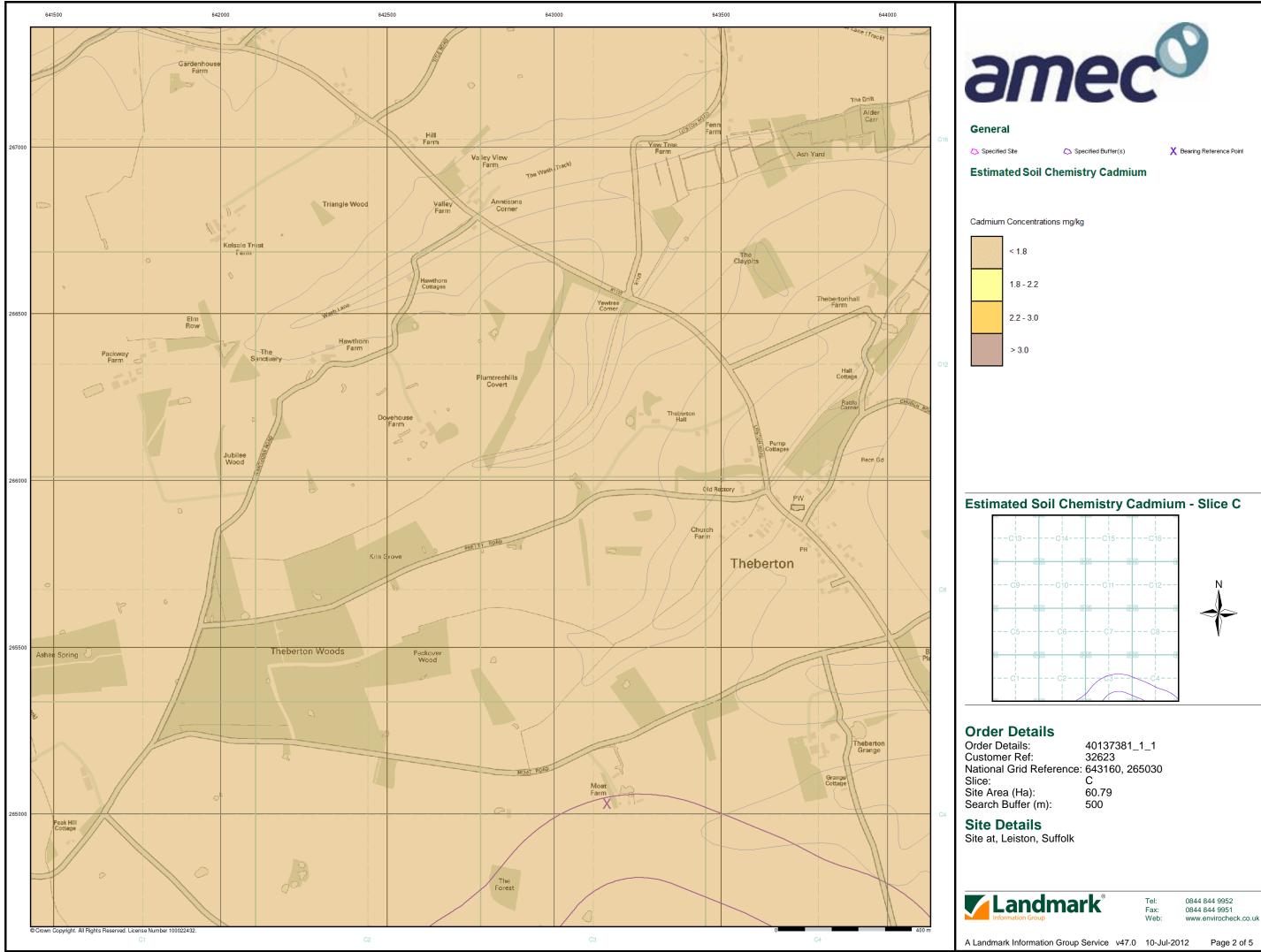
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|--------------------------|
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| National Grid Reference: |
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| Search Buffer (m):       |

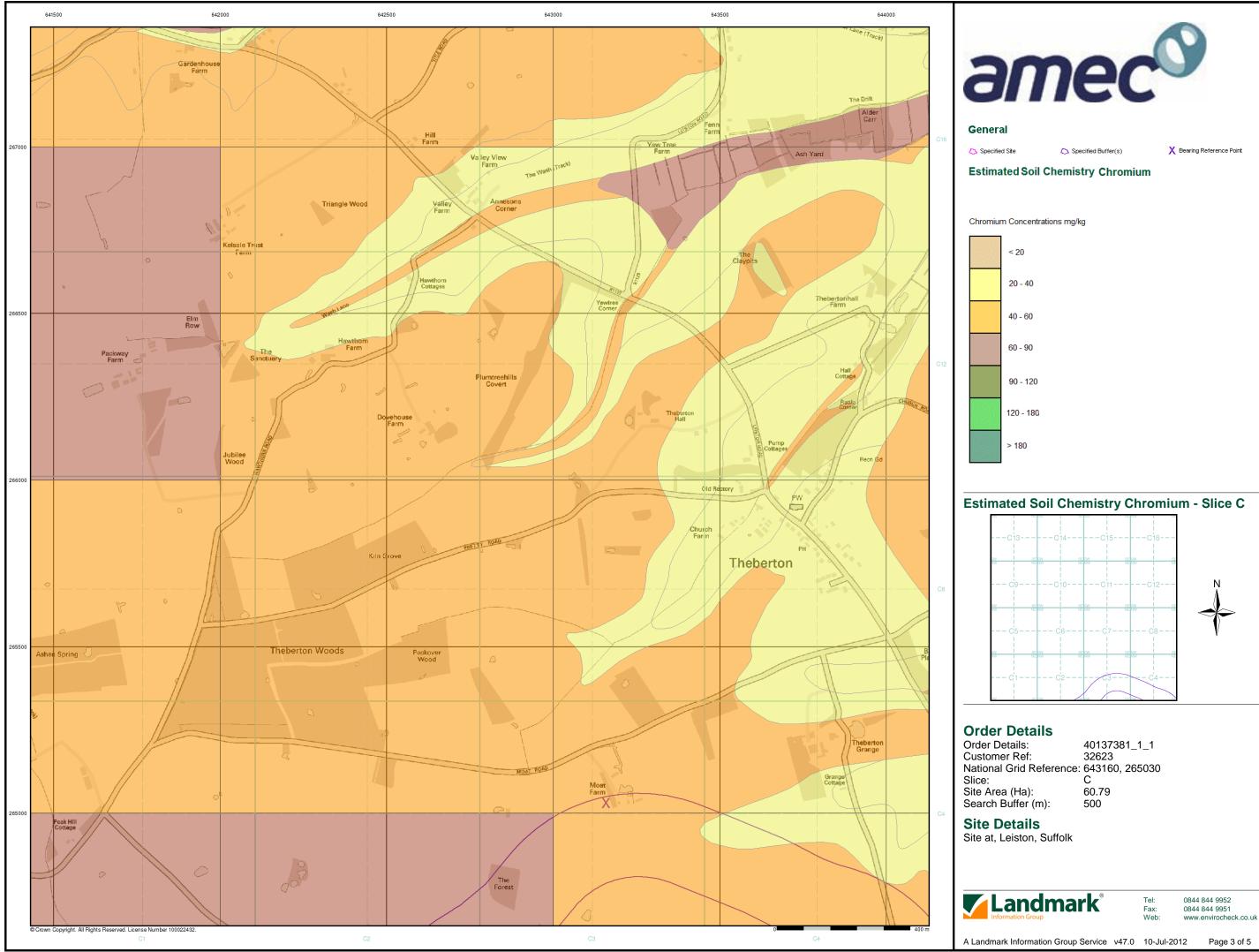


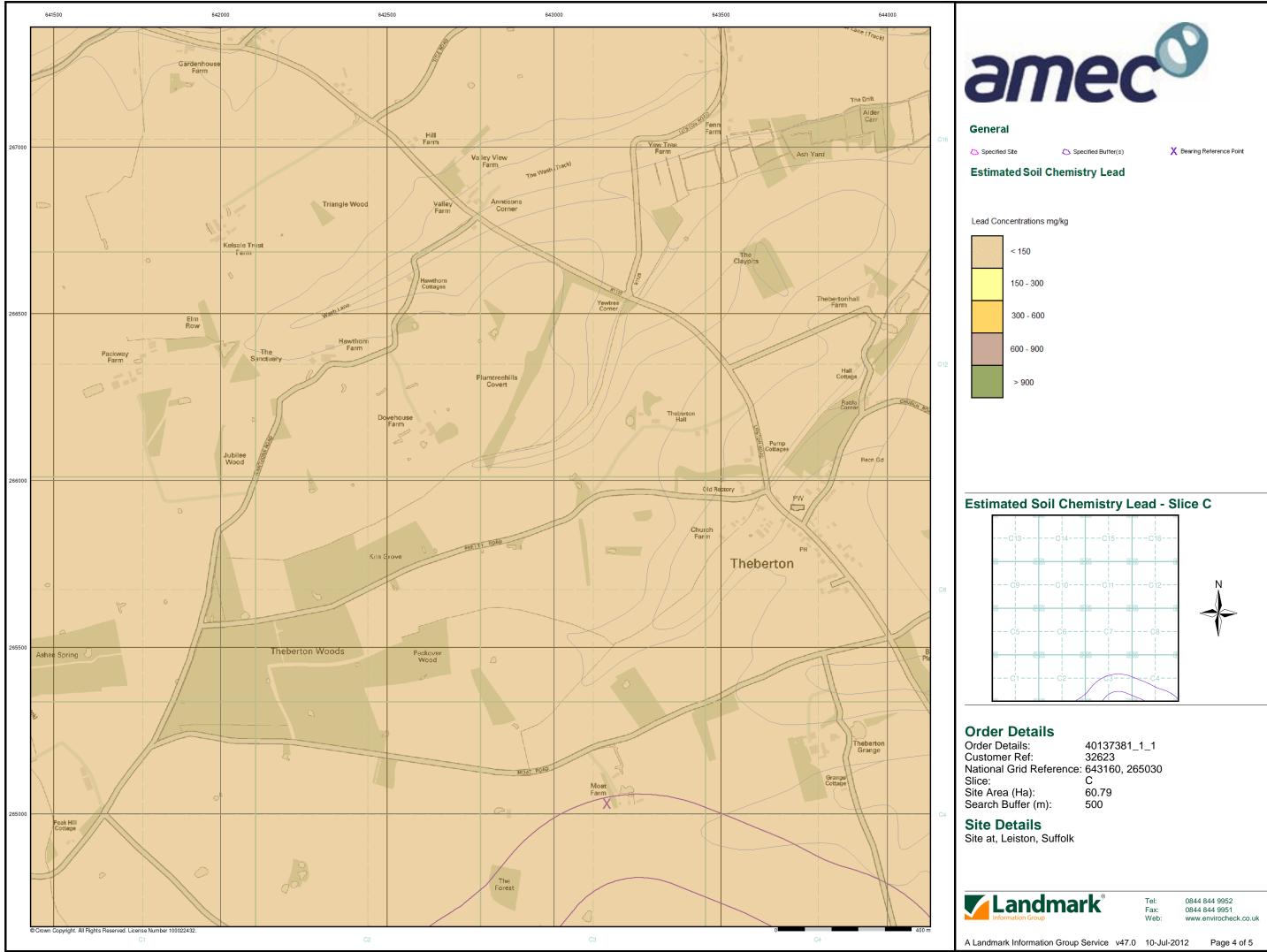




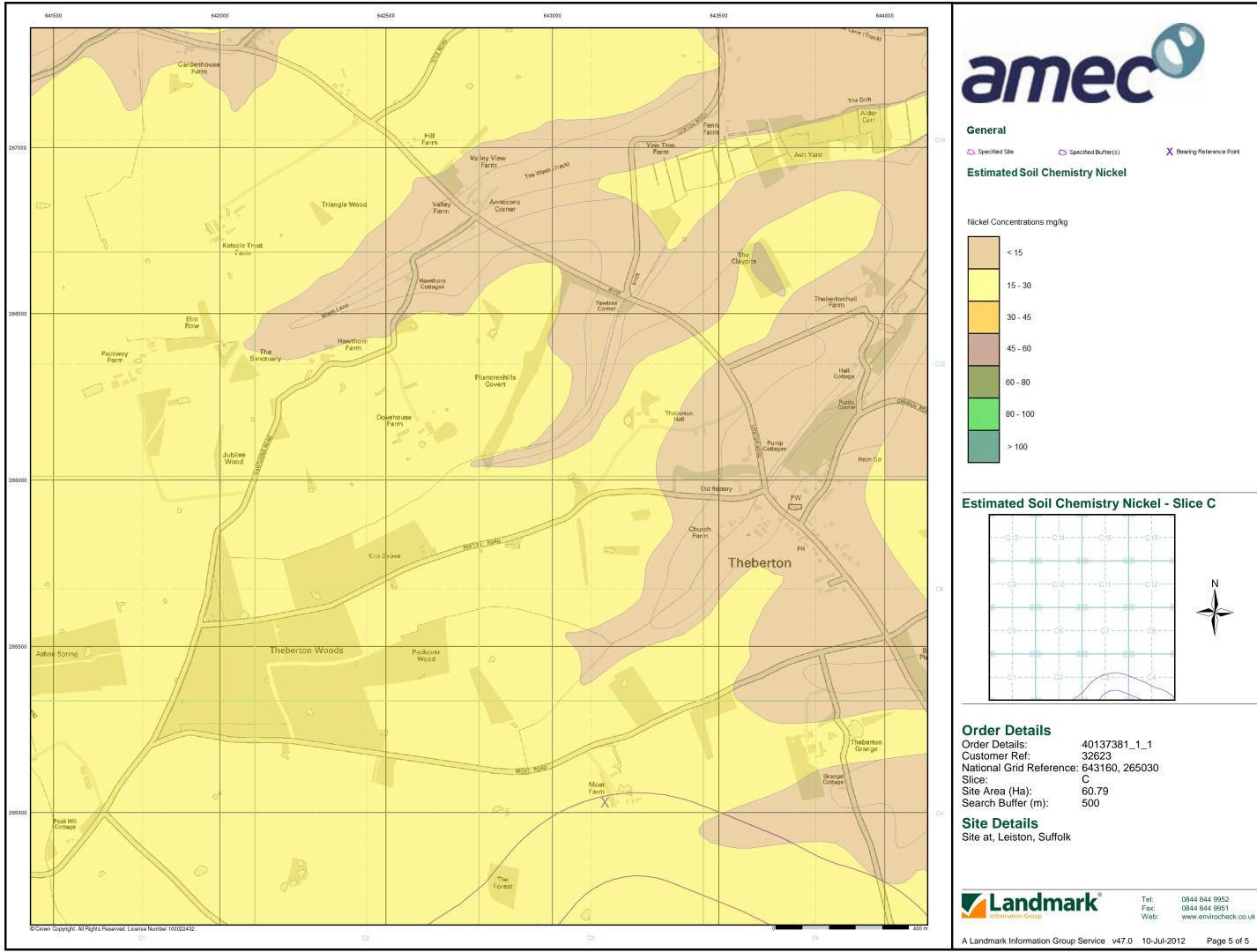
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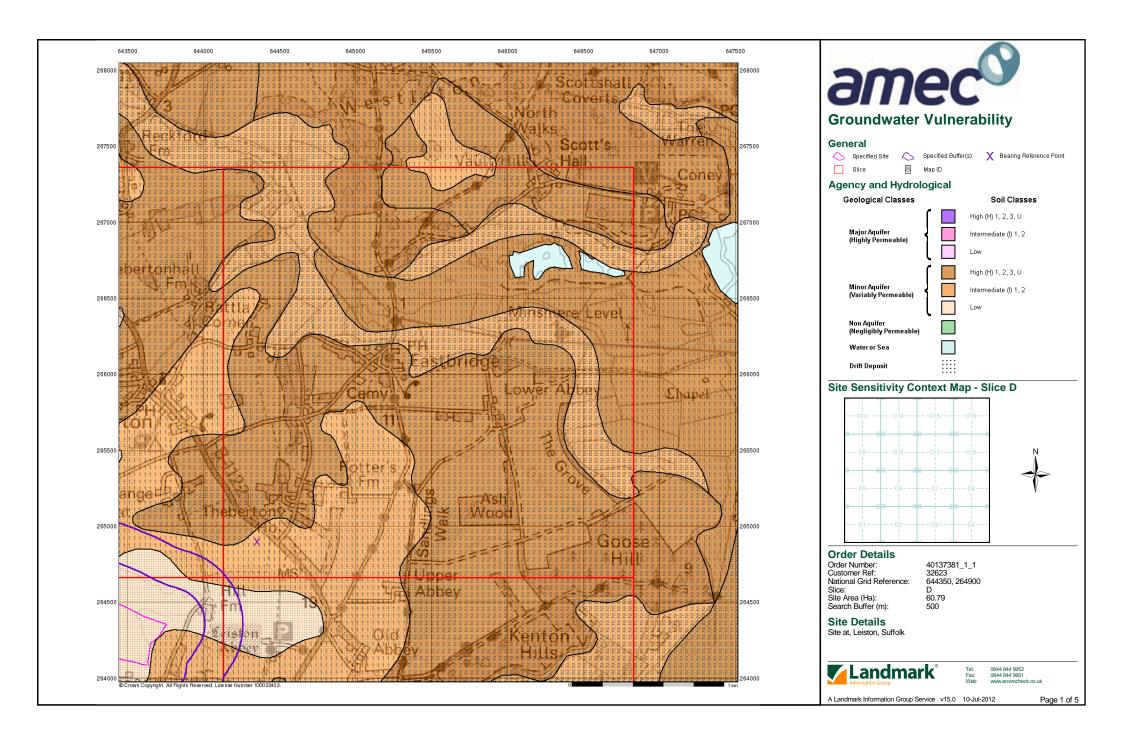


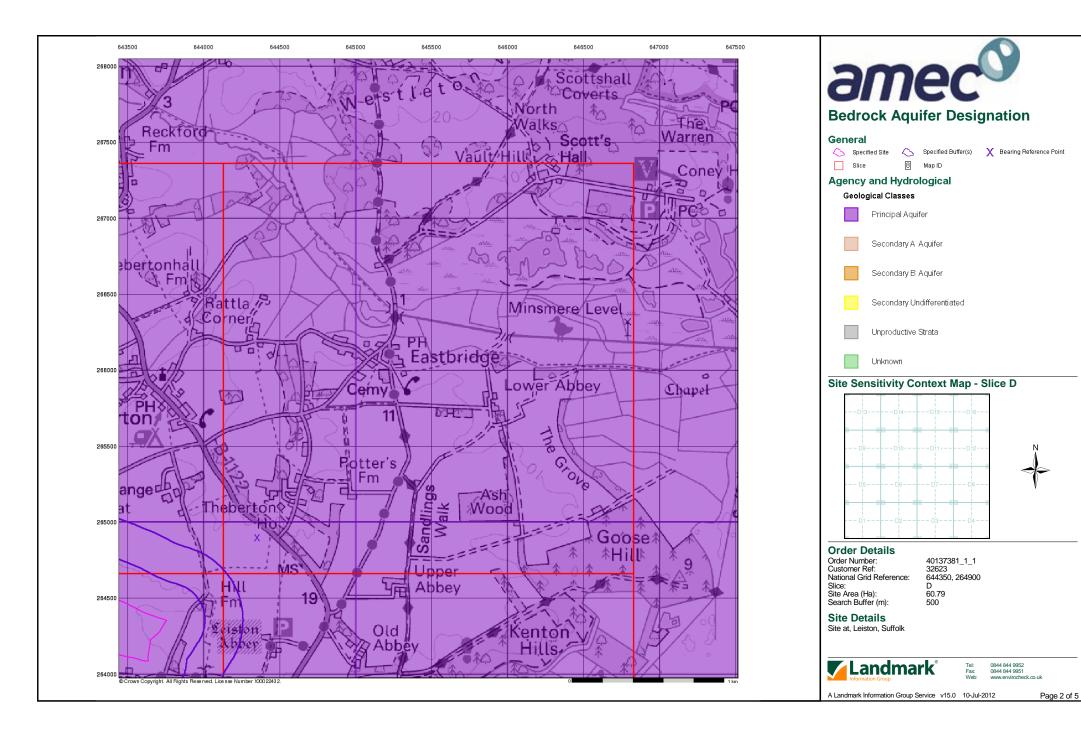


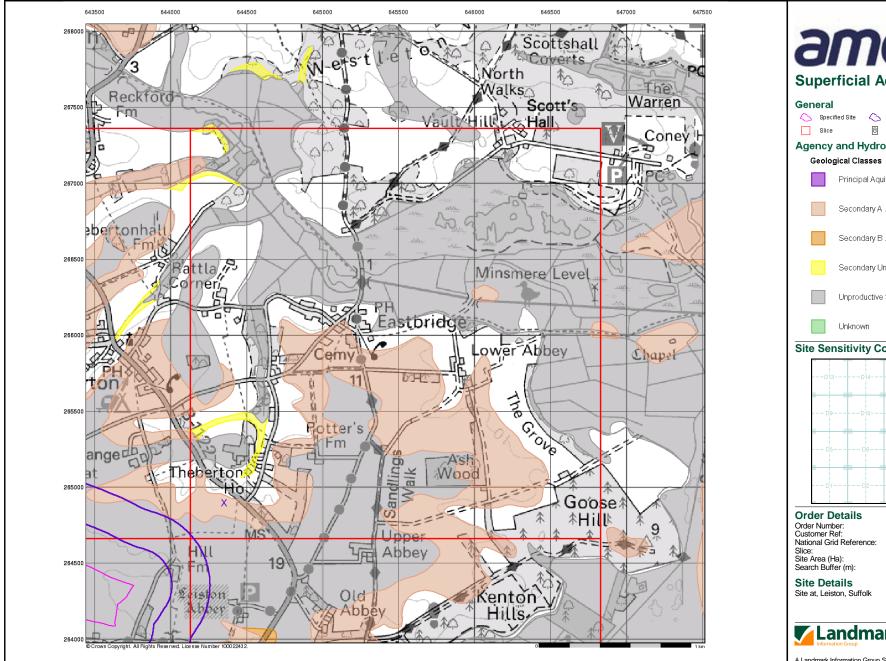


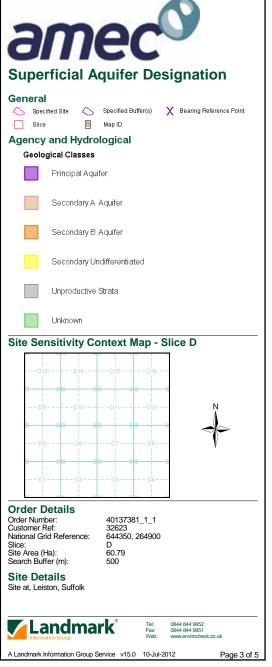
| < 150     |
|-----------|
| 150 - 300 |
| 300 - 600 |
| 600 - 900 |

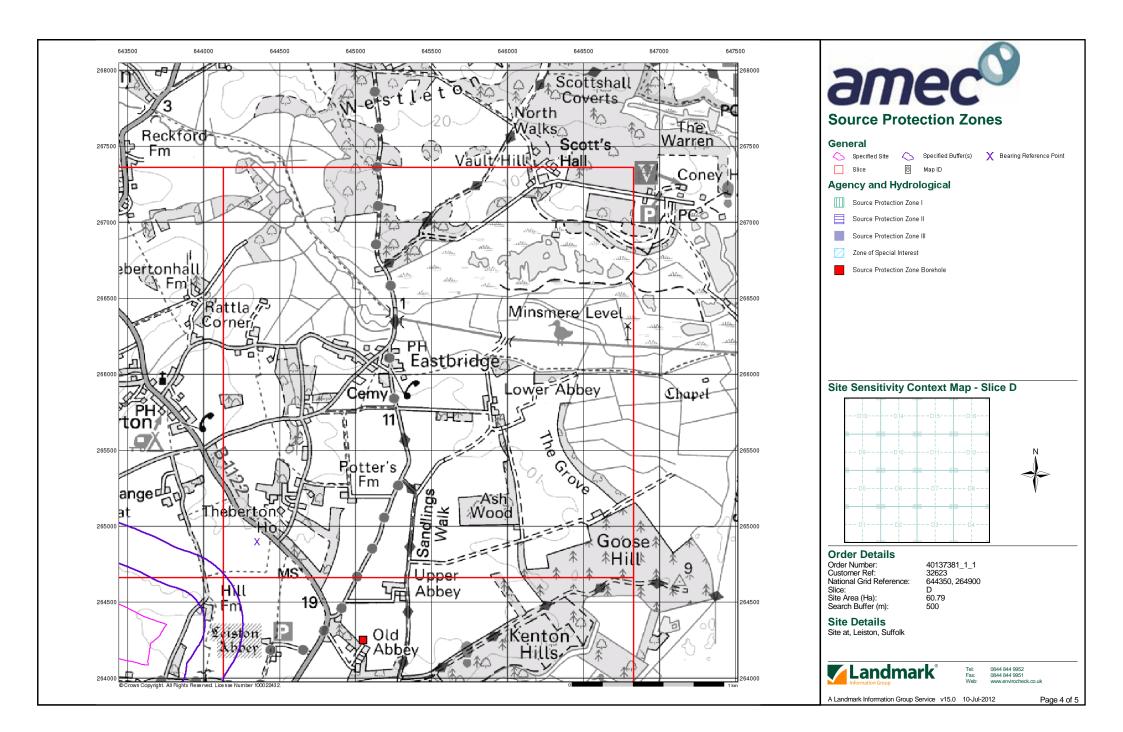


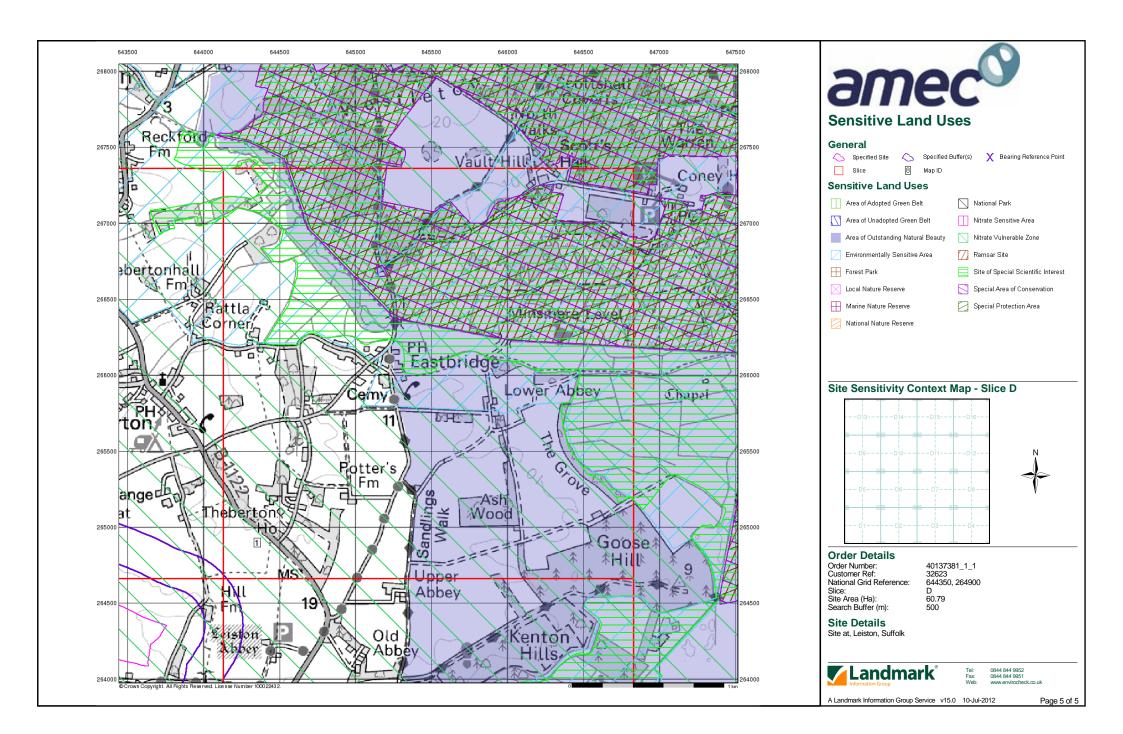














## **Envirocheck® Report:**

### Datasheet

### **Order Details:**

Order Number: 40137381\_1\_1

Customer Reference: 32623

## National Grid Reference: 644350, 264900

Slice:

ito Arc

Site Area (Ha): 60.79

Search Buffer (m): 500

### Site Details:

Site at Leiston Suffolk

### **Client Details:**

Miss D Shankar AMEC Environment & Infrastructure UK Ltd Unit 1, Long Barn Village Road Nercwys Mold Flintshire CH7 4EW





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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 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 the attached 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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### Radon Potential dataset Copyright Notice

Information supplied from a joint dataset compiled by The British Geological Survey and the Health Protection Agency.

### Report Version v47.0



## Summary

| Data Type   | Page<br>Number | On Site | 0 to 250m | 251 to 500m<br>(*up to 1000m) |
|---|----------------|---------|-----------|-------------------------------|
| Agency & Hydrological   |                |         |           |                               |
| Contaminated Land Register Entries and Notices                |                |         |           |                               |
| Discharge Consents  |                |         |           |                               |
| 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                 |                |         |           |                               |
| Prosecutions Relating to Controlled Waters                    |                |         |           |                               |
| 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                                     | pg 1           | Yes     | n/a       | n/a                           |
| Bedrock Aquifer Designations                                  | pg 1           | Yes     | n/a       | n/a                           |
| Superficial Aquifer Designations                              | pg 1           | Yes     | n/a       | n/a                           |
| Source Protection Zones                                       |                |         |           |                               |
| Extreme Flooding from Rivers or Sea without Defences          |                |         |           | n/a                           |
| Flooding from Rivers or Sea without Defences                  |                |         |           | n/a                           |
| Areas Benefiting from Flood Defences                          |                |         |           | n/a                           |
| Flood Water Storage Areas                                     |                |         |           | n/a                           |
| Flood Defences  |                |         |           | n/a                           |
| 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 Recorded Landfill Sites                       |                |         |           |                               |
| Registered Landfill Sites                                     |                |         |           |                               |
| Registered Waste Transfer Sites                               |                |         |           |                               |
| Registered Waste Treatment or Disposal Sites                  |                |         |           |                               |
|   |                |         |           | 1                             |



# Summary

| Data Type   | Page<br>Number | On Site | 0 to 250m | 251 to 500m<br>(*up to 1000m) |
|---|----------------|---------|-----------|-------------------------------|
| 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 3           | Yes     | n/a       | n/a                           |
| BGS Estimated Soil Chemistry  | pg 3           |         | Yes       |                               |
| BGS Recorded Mineral Sites  |                |         |           |                               |
| BGS Urban Soil Chemistry  |                |         |           |                               |
| BGS Urban Soil Chemistry Averages                                   |                |         |           |                               |
| Brine Compensation Area   |                |         | n/a       | n/a                           |
| Coal Mining Affected Areas  |                |         | n/a       | n/a                           |
| Mining Instability  |                |         | n/a       | n/a                           |
| Man-Made Mining Cavities  |                |         |           |                               |
| Natural Cavities  |                |         |           |                               |
| Non Coal Mining Areas of Great Britain                              |                |         |           | n/a                           |
| Potential for Collapsible Ground Stability Hazards                  | pg 3           | Yes     |           | n/a                           |
| Potential for Compressible Ground Stability Hazards                 |                |         |           | n/a                           |
| Potential for Ground Dissolution Stability Hazards                  |                |         |           | n/a                           |
| Potential for Landslide Ground Stability Hazards                    | pg 3           | Yes     |           | n/a                           |
| Potential for Running Sand Ground Stability Hazards                 | pg 3           | Yes     |           | n/a                           |
| Potential for Shrinking or Swelling Clay Ground Stability Hazards   | pg 3           | Yes     |           | n/a                           |
| Radon Potential - Radon Affected Areas                              |                |         | n/a       | n/a                           |
| Radon Potential - Radon Protection Measures                         |                |         | n/a       | n/a                           |
| Industrial Land Use   |                |         |           |                               |
| Contemporary Trade Directory Entries                                |                |         |           |                               |
| Fuel Station Entries  |                |         |           |                               |



# Summary

| Data Type                            | Page<br>Number | On Site | 0 to 250m | 251 to 500m<br>(*up to 1000m) |
|--------------------------------------|----------------|---------|-----------|-------------------------------|
| Sensitive Land Use                   |                |         |           |                               |
| 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 4           | 1       |           |                               |
| Ramsar Sites                         |                |         |           |                               |
| Sites of Special Scientific Interest |                |         |           |                               |
| Special Areas of Conservation        |                |         |           |                               |
| Special Protection Areas             |                |         |           |                               |



# Agency & Hydrological

| Map<br>ID |  | Details  | Quadrant<br>Reference<br>(Compass<br>Direction) | Estimated<br>Distance<br>From Site | Contact | NGR              |
|-----------|--|--|---|------------------------------------|---------|------------------|
|           | Nearest Surface Wa                           | ater Feature   |   |                                    |         |                  |
|           | None   |  |   |                                    |         |                  |
|           | Groundwater Vulne                            | -  |   |                                    |         |                  |
|           | Soil Classification:<br>Map Sheet:<br>Scale: | Soils of Low Leaching Potential - Soils in which pollutants are unlikely to<br>penetrate the soil layer because water movement is largely horizontal or they<br>have large ability to attenuate diffuse pollutants. Lateral flow from these soils<br>contribute to groundwater recharge elsewhere in the catchment<br>Sheet 33 East Suffolk<br>1:100,000 | (S)   | 0                                  | 1       | 644294<br>264578 |
|           | Drift Deposits                               |  |   |                                    |         |                  |
|           | Drift Deposit:<br>Map Sheet:                 | Low permeability drift deposits occuring at the surface and overlying Major and<br>Minor Aquifers are head, clay-with-flints, brickearth, peat, river terrace deposits<br>and marine and estuarine alluvium<br>Sheet 33 East Suffolk   |   | 0                                  | 1       | 644315<br>264756 |
|           | Scale:                                       | 1:100,000  |   |                                    |         |                  |
|           | Bedrock Aquifer De                           | esignations  |   |                                    |         |                  |
|           | Aquifer Desination:                          | Principal Aquifer  | D1SW<br>(SE)                                    | 0                                  | 2       | 644351<br>264898 |
|           | Superficial Aquifer                          | Designations   |   |                                    |         |                  |
|           | Aquifer Designation:                         | Unproductive Strata  | D1SW<br>(S)                                     | 0                                  | 2       | 644340<br>264811 |
|           | Extreme Flooding f                           | rom Rivers or Sea without Defences   |   |                                    |         |                  |
|           | Flooding from Rive                           | rs or Sea without Defences   |   |                                    |         |                  |
|           | Areas Benefiting fro                         | om Flood Defences  |   |                                    |         |                  |
|           | Flood Water Storag                           | je Areas   |   |                                    |         |                  |
|           |  |  |   |                                    |         |                  |
|           | Flood Defences<br>None                       |  |   |                                    |         |                  |



# Waste

| Map<br>ID |   | Details   | Quadrant<br>Reference<br>(Compass<br>Direction) | Estimated<br>Distance<br>From Site | Contact | NGR              |
|-----------|---|---|---|------------------------------------|---------|------------------|
|           | Local Authority Landfill Coverage                           |   |   |                                    |         |                  |
|           | Name: Suffolk County Council<br>- Has supplied landfill     | lata  |   | 0                                  | 6       | 644351<br>264898 |
|           | Local Authority Landfill Coverage                           |   |   |                                    |         |                  |
|           | Name: Suffolk Coastal District<br>- Had landfill data but p | Council<br>bassed it to the relevant environment agency |   | 0                                  | 7       | 644351<br>264898 |



# Geological

| Map<br>ID |   | Details   | Quadrant<br>Reference<br>(Compass<br>Direction) | Estimated<br>Distance<br>From Site | Contact | NGR              |
|-----------|---|---|---|------------------------------------|---------|------------------|
|           | BGS 1:625,000 Soli  | d Geology   |   |                                    |         |                  |
|           | Description:  | Norwich Crag, Red Crag and Chillesford Clay   | D1SW<br>(SE)                                    | 0                                  | 2       | 644351<br>264898 |
|           | BGS Estimated Soi   | l Chemistry   | (02)  |                                    |         | 201000           |
|           | Source:<br>Soil Sample Type:<br>Arsenic<br>Concentration: | British Geological Survey, National Geoscience Information Service<br>Rural Soil<br><15 mg/kg   | D1SW<br>(S)                                     | 242                                | 3       | 644337<br>264810 |
|           | Cadmium<br>Concentration:                                 | <1.8 mg/kg  |   |                                    |         |                  |
|           | Chromium<br>Concentration:                                | 40 - 60 mg/kg   |   |                                    |         |                  |
|           | Lead Concentration:<br>Nickel<br>Concentration:           | <150 mg/kg<br>15 - 30 mg/kg   |   |                                    |         |                  |
|           | BGS Measured Urb  | an Soil Chemistry   |   |                                    |         |                  |
|           | No data available   |   |   |                                    |         |                  |
|           | BGS Urban Soil Ch   | emistry Averages  |   |                                    |         |                  |
|           | No data available   |   |   |                                    |         |                  |
|           | Coal Mining Affecte                                       | d Areas   |   |                                    |         |                  |
|           | In an area that might                                     | not be affected by coal mining  |   |                                    |         |                  |
|           | -   | eas of Great Britain  |   |                                    |         |                  |
|           | No Hazard   |   |   |                                    |         |                  |
|           | -   | sible Ground Stability Hazards  |   |                                    |         |                  |
|           | Hazard Potential:<br>Source:                              | Very Low<br>British Geological Survey, National Geoscience Information Service  | D1SW<br>(SE)                                    | 0                                  | 2       | 644351<br>264898 |
|           | Potential for Comp  | ressible Ground Stability Hazards   |   |                                    |         |                  |
|           | Hazard Potential:<br>Source:                              | No Hazard<br>British Geological Survey, National Geoscience Information Service   | D1SW<br>(SE)                                    | 0                                  | 2       | 644351<br>264898 |
|           | Potential for Groun                                       | d Dissolution Stability Hazards   |   |                                    |         |                  |
|           | No Hazard   |   |   |                                    |         |                  |
|           | Potential for Lands                                       | lide Ground Stability Hazards   |   |                                    |         |                  |
|           | Hazard Potential:<br>Source:                              | Very Low<br>British Geological Survey, National Geoscience Information Service  | D1SW<br>(SE)                                    | 0                                  | 2       | 644351<br>264898 |
|           | Potential for Runnin                                      | ng Sand Ground Stability Hazards  |   |                                    |         |                  |
|           | Hazard Potential:<br>Source:                              | Very Low<br>British Geological Survey, National Geoscience Information Service  | D1SW<br>(SE)                                    | 0                                  | 2       | 644351<br>264898 |
|           | Potential for Shrink                                      | ing or Swelling Clay Ground Stability Hazards   |   |                                    |         |                  |
|           | Hazard Potential:<br>Source:                              | Low<br>British Geological Survey, National Geoscience Information Service   | D1SW<br>(S)                                     | 0                                  | 2       | 644340<br>264811 |
|           | Radon Potential - R                                       | adon Protection Measures  |   |                                    |         |                  |
|           | Protection Measure:<br>Source:                            | No radon protective measures are necessary in the construction of new dwellings or extensions<br>British Geological Survey, National Geoscience Information Service | D1SW<br>(SE)                                    | 0                                  | 2       | 644351<br>264898 |
|           |   |   |   |                                    |         |                  |
|           | Radon Potential - R<br>Affected Area:                     | adon Affected Areas<br>The property is in a lower probability radon area, as less than 1% of homes<br>are above the action level                                    | D1SW<br>(SE)                                    | 0                                  | 2       | 644351<br>264898 |
|           | Source:   | British Geological Survey, National Geoscience Information Service  | (32)  |                                    |         | 201000           |



# **Sensitive Land Use**

| Map<br>ID |                                  | Details   | Quadrant<br>Reference<br>(Compass<br>Direction) | Estimated<br>Distance<br>From Site | Contact | NGR              |
|-----------|----------------------------------|---|---|------------------------------------|---------|------------------|
|           | Nitrate Vulnerat                 | ble Zones   |   |                                    |         |                  |
| 1         | Name:<br>Description:<br>Source: | Not Supplied<br>NVZ Area<br>Department for Environment, Food and Rural Affairs (DEFRA - formerly<br>FRCA) | D1SW<br>(SE)                                    | 0                                  | 5       | 644351<br>264898 |



| Agency & Hydrological  | Version        | Update Cycle          |
|--|----------------|-----------------------|
| Contaminated Land Register Entries and Notices                         |                |                       |
| Suffolk Coastal District Council - Environmental Health Department     | September 2011 | Annual Rolling Update |
| Discharge Consents   |                |                       |
| Environment Agency - Anglian Region                                    | April 2012     | Quarterly             |
| Enforcement and Prohibition Notices                                    |                |                       |
| Environment Agency - Anglian Region                                    | June 2012      | Quarterly             |
| Integrated Pollution Controls  |                |                       |
| Environment Agency - Anglian Region                                    | October 2008   | Not Applicable        |
| Integrated Pollution Prevention And Control                            |                |                       |
| Environment Agency - Anglian Region                                    | April 2012     | Quarterly             |
| Local Authority Integrated Pollution Prevention And Control            |                |                       |
| Suffolk Coastal District Council - Environmental Health Department     | December 2011  | Annual Rolling Update |
| Local Authority Pollution Prevention and Controls                      |                |                       |
| Suffolk Coastal District Council - Environmental Health Department     | December 2011  | Annual Rolling Update |
| Local Authority Pollution Prevention and Control Enforcements          |                |                       |
| Suffolk Coastal District Council - Environmental Health Department     | December 2011  | Annual Rolling Update |
| Nearest Surface Water Feature  |                |                       |
| Ordnance Survey  | December 2011  | Quarterly             |
| Pollution Incidents to Controlled Waters                               |                |                       |
| Environment Agency - Anglian Region                                    | September 1999 | Not Applicable        |
| Prosecutions Relating to Authorised Processes                          | h              | Marchela              |
| Environment Agency - Anglian Region                                    | June 2012      | Monthly               |
| Prosecutions Relating to Controlled Waters                             | h              | Marshitt              |
| Environment Agency - Anglian Region                                    | June 2012      | Monthly               |
| Registered Radioactive Substances                                      |                | Quartadu              |
| Environment Agency - Anglian Region                                    | April 2012     | Quarterly             |
| River Quality  | Neversher 2004 | Net Applicable        |
| Environment Agency - Head Office                                       | November 2001  | Not Applicable        |
| River Quality Biology Sampling Points Environment Agency - Head Office |                | Appuellu              |
|  | January 2011   | Annually              |
| River Quality Chemistry Sampling Points                                | January 2014   | Annually              |
| Environment Agency - Head Office                                       | January 2011   | Annually              |
| Substantiated Pollution Incident Register                              |                | Quartadu              |
| Environment Agency - Anglian Region - Eastern Area                     | April 2012     | Quarterly             |
| Water Abstractions   |                | Quartarly             |
| Environment Agency - Anglian Region                                    | April 2012     | Quarterly             |
| Water Industry Act Referrals   |                | Quartarly             |
| Environment Agency - Anglian Region                                    | April 2012     | Quarterly             |
| Groundwater Vulnerability  | January 2011   | Not Applicable        |
| Environment Agency - Head Office                                       | January 2011   | Not Applicable        |
| Drift Deposits   | lonuony 1000   | Not Appliable         |
| Environment Agency - Head Office                                       | January 1999   | Not Applicable        |
| Bedrock Aquifer Designations   | Sontombor 2011 | Appually              |
| British Geological Survey - National Geoscience Information Service    | September 2011 | Annually              |
| Superficial Aquifer Designations                                       | Contombor 2011 | Appuelly              |
| British Geological Survey - National Geoscience Information Service    | September 2011 | Annually              |
| Source Protection Zones  | A ~~:: 0040    | Querterly             |
| Environment Agency - Head Office                                       | April 2012     | Quarterly             |
| Extreme Flooding from Rivers or Sea without Defences                   | May 2010       | Our and a set of      |
| Environment Agency - Head Office                                       | May 2012       | Quarterly             |



| Agency & Hydrological  | Version                        | Update Cycle          |
|--|--------------------------------|-----------------------|
| Flooding from Rivers or Sea without Defences   |                                |                       |
| Environment Agency - Head Office   | May 2012                       | Quarterly             |
| Areas Benefiting from Flood Defences   |                                |                       |
| Environment Agency - Head Office   | May 2012                       | Quarterly             |
| Flood Water Storage Areas  |                                |                       |
| Environment Agency - Head Office   | May 2012                       | Quarterly             |
| Flood Defences   |                                |                       |
| Environment Agency - Head Office   | May 2012                       | Quarterly             |
| Waste  | Version                        | Update Cycle          |
| BGS Recorded Landfill Sites  |                                |                       |
| British Geological Survey - National Geoscience Information Service                                | June 1996                      | Not Applicable        |
| Historical Landfill Sites  |                                |                       |
| Environment Agency - Anglian Region - Eastern Area   | January 2012                   | Quarterly             |
| Integrated Pollution Control Registered Waste Sites  |                                |                       |
| Environment Agency - Anglian Region  | October 2008                   | Not Applicable        |
| Licensed Waste Management Facilities (Landfill Boundaries)   |                                |                       |
| Environment Agency - Anglian Region - Eastern Area   | April 2012                     | Quarterly             |
| Licensed Waste Management Facilities (Locations)   |                                |                       |
| Environment Agency - Anglian Region - Eastern Area   | April 2012                     | Quarterly             |
| Local Authority Landfill Coverage  |                                |                       |
| Suffolk Coastal District Council - Environmental Health Department                                 | May 2000                       | Not Applicable        |
| Suffolk County Council   | May 2000                       | Not Applicable        |
| Local Authority Recorded Landfill Sites  |                                |                       |
| Suffolk Coastal District Council - Environmental Health Department                                 | May 2000                       | Not Applicable        |
| Suffolk County Council   | May 2000                       | Not Applicable        |
| Registered Landfill Sites  |                                |                       |
| Environment Agency - Anglian Region - Eastern Area   | March 2003                     | Not Applicable        |
| Registered Waste Transfer Sites  |                                |                       |
| Environment Agency - Anglian Region - Eastern Area   | March 2003                     | Not Applicable        |
| Registered Waste Treatment or Disposal Sites   |                                |                       |
| Environment Agency - Anglian Region - Eastern Area   | March 2003                     | Not Applicable        |
| Hazardous Substances   | Version                        | Update Cycle          |
| Control of Major Accident Hazards Sites (COMAH)  |                                |                       |
| Health and Safety Executive  | May 2012                       | Bi-Annually           |
| Explosive Sites  |                                |                       |
| Health and Safety Executive  | June 2012                      | Bi-Annually           |
| Notification of Installations Handling Hazardous Substances (NIHHS)<br>Health and Safety Executive | November 2000                  | Not Applicable        |
|  |                                |                       |
| Planning Hazardous Substance Enforcements  | Desember 0044                  | Annual Delling Light  |
| Suffolk Coastal District Council   | December 2011<br>February 2006 | Annual Rolling Update |
| Suffolk County Council - Environment and Transport   | February 2006                  | Annual Rolling Update |
| Planning Hazardous Substance Consents  | Desember 0044                  | Annual Delling Lights |
| Suffolk Coastal District Council   | December 2011                  | Annual Rolling Update |
| Suffolk County Council - Environment and Transport   | February 2006                  | Annual Rolling Update |



| Geological  | Version       | Update Cycle   |
|---|---------------|----------------|
| BGS 1:625,000 Solid Geology   |               |                |
| British Geological Survey - National Geoscience Information Service | August 1996   | Not Applicable |
| BGS Estimated Soil Chemistry  |               |                |
| British Geological Survey - National Geoscience Information Service | January 2010  | Variable       |
| BGS Recorded Mineral Sites  |               |                |
| British Geological Survey - National Geoscience Information Service | April 2012    | Bi-Annually    |
| Brine Compensation Area   |               |                |
| Cheshire Brine Subsidence Compensation Board                        | August 2011   | Not Applicable |
| Coal Mining Affected Areas  |               |                |
| The Coal Authority - Mining Report Service                          | August 2011   | As notified    |
| Mining Instability  |               |                |
| Ove Arup & Partners   | October 2000  | Not Applicable |
| Non Coal Mining Areas of Great Britain                              |               |                |
| British Geological Survey - National Geoscience Information Service | February 2011 | Not Applicable |
| Potential for Collapsible Ground Stability Hazards                  |               |                |
| British Geological Survey - National Geoscience Information Service | February 2011 | Annually       |
| Potential for Compressible Ground Stability Hazards                 |               |                |
| British Geological Survey - National Geoscience Information Service | February 2011 | Annually       |
| Potential for Ground Dissolution Stability Hazards                  |               |                |
| British Geological Survey - National Geoscience Information Service | February 2011 | Annually       |
| Potential for Landslide Ground Stability Hazards                    |               |                |
| British Geological Survey - National Geoscience Information Service | February 2011 | Annually       |
| Potential for Running Sand Ground Stability Hazards                 |               |                |
| British Geological Survey - National Geoscience Information Service | February 2011 | Annually       |
| Potential for Shrinking or Swelling Clay Ground Stability Hazards   |               |                |
| British Geological Survey - National Geoscience Information Service | February 2011 | Annually       |
| Radon Potential - Radon Affected Areas                              |               |                |
| British Geological Survey - National Geoscience Information Service | July 2011     | As notified    |
| Radon Potential - Radon Protection Measures                         |               |                |
| British Geological Survey - National Geoscience Information Service | July 2011     | As notified    |
| Industrial Land Use   | Version       | Update Cycle   |
| Contemporary Trade Directory Entries                                |               |                |
| Thomson Directories   | May 2012      | Quarterly      |
| Fuel Station Entries  |               |                |
| Catalist Ltd - Experian   | February 2012 | Quarterly      |



| Sensitive Land Use   | Version       | Update Cycle   |
|--|---------------|----------------|
| Areas of Outstanding Natural Beauty  |               |                |
| Natural England  | February 2012 | Bi-Annually    |
| Environmentally Sensitive Areas  |               |                |
| Natural England  | February 2012 | Annually       |
| Forest Parks   |               |                |
| Forestry Commission  | April 1997    | Not Applicable |
| Local Nature Reserves  |               |                |
| Natural England  | February 2012 | Bi-Annually    |
| Marine Nature Reserves   |               |                |
| Natural England  | February 2012 | Bi-Annually    |
| National Nature Reserves   |               |                |
| Natural England  | February 2012 | Bi-Annually    |
| National Parks   |               |                |
| Natural England  | February 2012 | Bi-Annually    |
| Nitrate Sensitive Areas  |               |                |
| Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) | February 2012 | Not Applicable |
| Nitrate Vulnerable Zones   |               |                |
| Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) | February 2012 | Annually       |
| Ramsar Sites   |               |                |
| Natural England  | February 2012 | Bi-Annually    |
| Sites of Special Scientific Interest                                       |               |                |
| Natural England  | February 2012 | Bi-Annually    |
| Special Areas of Conservation  |               |                |
| Natural England  | February 2012 | Bi-Annually    |
| Special Protection Areas   |               |                |
| Natural England  | February 2012 | Bi-Annually    |



A selection of organisations who provide data within this report

| Data Supplier                          | Data Supplier Logo  |
|--|---|
| Ordnance Survey                        | Licensed Partner  |
| Environment Agency                     | Environment<br>Agency   |
| Scottish Environment Protection Agency | SEEPAR<br>Scottish Environment<br>Protection Agency                       |
| The Coal Authority                     | THE<br>COAL<br>AUTHORITY  |
| British Geological Survey              | British<br>Geological Survey  |
| Centre for Ecology and Hydrology       | Centre for<br>Ecology & Hydrology<br>Natural environment research council |
| Countryside Council for Wales          | CYNGOR CEFN GWLAD CYMRU<br>COUNTRYSIDE COUNCIL FOR WALES                  |
| Scottish Natural Heritage              | SCOTTISH<br>NATURAL<br>HERITAGE   |
| Natural England                        | NATURAL<br>ENGLAND  |
| Health Protection Agency               | Health<br>Argency   |
| Ove Arup                               | ARUP  |
| Peter Brett Associates                 | peterbrett  |



# **Useful Contacts**

| Contact | Name and Address   | Contact Details   |
|---------|--|---|
| 1       | Environment Agency - National Customer Contact<br>Centre (NCCC)  | Telephone: 08708 506 506<br>Email: enquiries@environment-agency.gov.uk  |
|         | PO Box 544, Templeborough, Rotherham, S60 1BY  |   |
| 2       | British Geological Survey - Enquiry Service<br>British Geological Survey, Kingsley Dunham Centre, Keyworth,<br>Nottingham, Nottinghamshire, NG12 5GG             | Telephone: 0115 936 3143<br>Fax: 0115 936 3276<br>Email: enquiries@bgs.ac.uk<br>Website: www.bgs.ac.uk                          |
| 3       | Landmark Information Group Limited<br>5 - 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY   | Telephone: 01392 441761<br>Fax: 01392 441709<br>Email: cssupport@landmarkinfo.co.uk<br>Website: www.landmarkinfo.co.uk          |
| 4       | <b>Natural England</b><br>Northminster House, Northminster Road, Peterborough, Cambridgeshire,<br>PE1 1UA  | Telephone: 0845 600 3078<br>Fax: 01733 455103<br>Email: enquiries@naturalengland.org.uk<br>Website: www.naturalengland.org.uk   |
| 5       | Department for Environment, Food and Rural Affairs<br>(DEFRA - formerly FRCA)<br>Government Buildings, Otley Road, Lawnswood, Leeds, West Yorkshire,<br>LS16 5QT | Telephone: 0113 2613333<br>Fax: 0113 230 0879   |
| 6       | Suffolk County Council<br>St Edmund House, County Hall, Ipswich, Suffolk, IP4 1LZ  | Telephone: 01473 583000<br>Fax: 01473 230240<br>Website: www.suffolkcc.gov.uk   |
| 7       | Suffolk Coastal District Council - Environmental Health<br>Department<br>Council Offices, Melton Hill, Woodbridge, Suffolk, IP12 1AU                             | Telephone: 01394 383789 extn 2238<br>Fax: 01394 385100<br>Website: www.suffolkcoastal.gov.uk                                    |
| -       | Health Protection Agency - Radon Survey, Centre for<br>Radiation, Chemical and Environmental Hazards<br>Chilton, Didcot, Oxfordshire, OX11 0RQ                   | Telephone: 01235 822622<br>Fax: 01235 833891<br>Email: radon@hpa.org.uk<br>Website: www.hpa.org.uk                              |
| -       | Landmark Information Group Limited<br>The Smith Centre, Henley On Thames, Oxfordshire, RG9 6AB   | Telephone: 0844 844 9952<br>Fax: 0844 844 9951<br>Email: customerservices@landmarkinfo.co.uk<br>Website: www.landmarkinfo.co.uk |

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

# **Historical Mapping Legends**

| Ordnance Survey County Series 1:10,560   | vey County Series 1:10,560 Ordnance Survey Plan 1:10,000 1:10,000 Raster Map   |  |  |  |  |
|--|--|--|--|--|--|
| Gravel Sand Other<br>Pit Pit Pits  | رمینیک Chalk Pit, Clay Pit ورونیک Gravel Pit<br>کرین or Quarry   | Gravel Pit Refuse tip or slag heap   |  |  |  |
| Orchard Quarry   | Sand Pit   | Rock Cock (scattered)  |  |  |  |
| A Reeds Marsh  | Refuse or Lake, Loch   | ົ້ໍ້ຈັ Boulders ໍ Boulders (scattered)   |  |  |  |
|  | Dunes 500 Boulders   | Shingle Mud Mud  |  |  |  |
| Mixed Wood Deciduous Brushwood   | ネネ Coniferous ふ  | Sand Sand Sand Pit   |  |  |  |
|  |  | Slopes Transmith Top of cliff  |  |  |  |
|  | ி ் Orchard இந்_ Scrub \Υ்னு Coppice   | General detail Underground detail  |  |  |  |
| Fir Furze Rough Pasture  | יזר Bracken איזענעי Heath איז  | — — — — Overhead detail <del>++++++++++</del> Narrow gauge<br>railway              |  |  |  |
| Arrow denotes Arrow denotes Trigonometrical flow of water Station                                    | عنين Marsh ۲۷٬۰٬ Reeds <u>عن</u> Saltings  | Multi-track Single track<br>railway railway Civil, parish c                        |  |  |  |
| - → Site of Antiquities  | Direction of Flow of Water<br>Building   | County boundary County, parising<br>(England only) community<br>District, Unitary, |  |  |  |
| Pump, Guide Post, Well, Spring,<br>Signal Post Boundary Post<br>• <b>285</b> Surface Level           | Sand Glasshouse  | Metropolitan, Constituency<br>London Borough boundary<br>boundary                  |  |  |  |
| Sketched Instrumental  | Pylon<br>—— □ — — Electricity<br>Transmission<br>Pole Line   | Area of wooded<br>↓ ↑ Area of wooded<br>↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓      |  |  |  |
| Main Roads Fenced Minor Roads Fenced   | ·  |  |  |  |  |
| Un-Fenced Un-Fenced  | Cutting Embankment Standard Gauge  |  |  |  |  |
| Sunken Road Raised Road  | Road '''∏''' Road Level Foot Single Track<br>Under Over Crossing Bridge  | 수 수 Orchard 《 Coppice<br>수 수   |  |  |  |
| Road over<br>Railway River   | Siding, Tramway<br>or Mineral Line<br>Narrow Gauge   | ்பிட Rough பிட்சு Heath  |  |  |  |
| Railway over Level Crossing  | Geographical County  | ∩Scrub _⊻∠Marsh, Salt<br>_⊻∠Marsh or Ree   |  |  |  |
| Road over<br>River or Canal Stream   | — — — — Administrative County, County Borough<br>or County of City<br>Municipal Borough, Urban or Rural District,          | Water feature Flow arrows  |  |  |  |
| Road over<br>Stream  | Burgh or District Council<br>Borough, Burgh or County Constituency<br>Shown only when not coincident with other boundaries | MHW(S) Mean high water (springs) Mean low water (springs)                          |  |  |  |
| ————— County Boundary (Geographical)   | — — — — Civil Parish<br>Shown alternately when coincidence of boundaries occurs  | Telephone line<br>(where shown)  |  |  |  |
| County & Civil Parish Boundary   | BP, BS Boundary Post or Stone Pol Sta Police Station   | (with poles)<br>← Bench mark _ Triangulation                                       |  |  |  |
| + · + · + · + · + Administrative County & Civil Parish Boundary<br>County Borough Boundary (England) | Ch Church PO Post Office<br>CH Club House PC Public Convenience  | Point feature Pylon flare s  |  |  |  |
|  | F E Sta Fire Engine Station PH Public House<br>FB Foot Bridge SB Signal Box  | <ul> <li>(e.g. Guide Post ⊠ or lighting tov<br/>or Mile Stone)</li> </ul>          |  |  |  |
| Co. Boro. Bdy.   |  |  |  |  |  |
|  | Fn Fountain Spr Spring<br>GP Guide Post TCB Telephone Call Box<br>MP Mile Post TCP Telephone Call Post                     | •‡• Site of (antiquity) Glasshouse   |  |  |  |

## ping

Underground detail Narrow gauge railway Single track railway Civil, parish or community boundary Constituency boundary

Non-coniferous

Marsh, Salt Marsh or Reeds

water (springs)

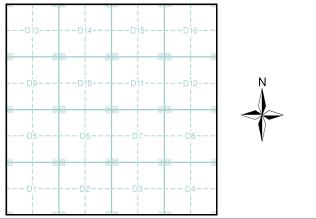
transmission line

Pylon, flare stack or lighting tower

# ame Historical Mapping & Photography included:

| Mapping Type         | Scale    | Date        | Pg |
|----------------------|----------|-------------|----|
| Suffolk              | 1:10,560 | 1883 - 1884 | 2  |
| Suffolk              | 1:10,560 | 1905        | 3  |
| Suffolk              | 1:10,560 | 1928        | 4  |
| Suffolk              | 1:10,560 | 1938        | 5  |
| Suffolk              | 1:10,560 | 1950 - 1951 | 6  |
| Ordnance Survey Plan | 1:10,000 | 1957 - 1958 | 7  |
| Ordnance Survey Plan | 1:10,000 | 1976 - 1977 | 8  |
| Ordnance Survey Plan | 1:10,000 | 1982        | 9  |
| 10K Raster Mapping   | 1:10,000 | 2012        | 10 |

## Historical Map - Slice D



## **Order Details**

Order Number: Customer Ref: National Grid Reference: 644350, 264900 Slice: Site Area (Ha): Search Buffer (m):

40137381\_1\_1 32623 D 60.79 500

Tel: Fax:

Web:

# Site Details

Site at, Leiston, Suffolk



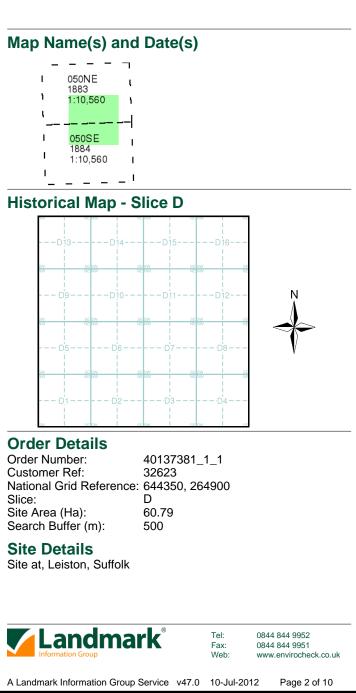
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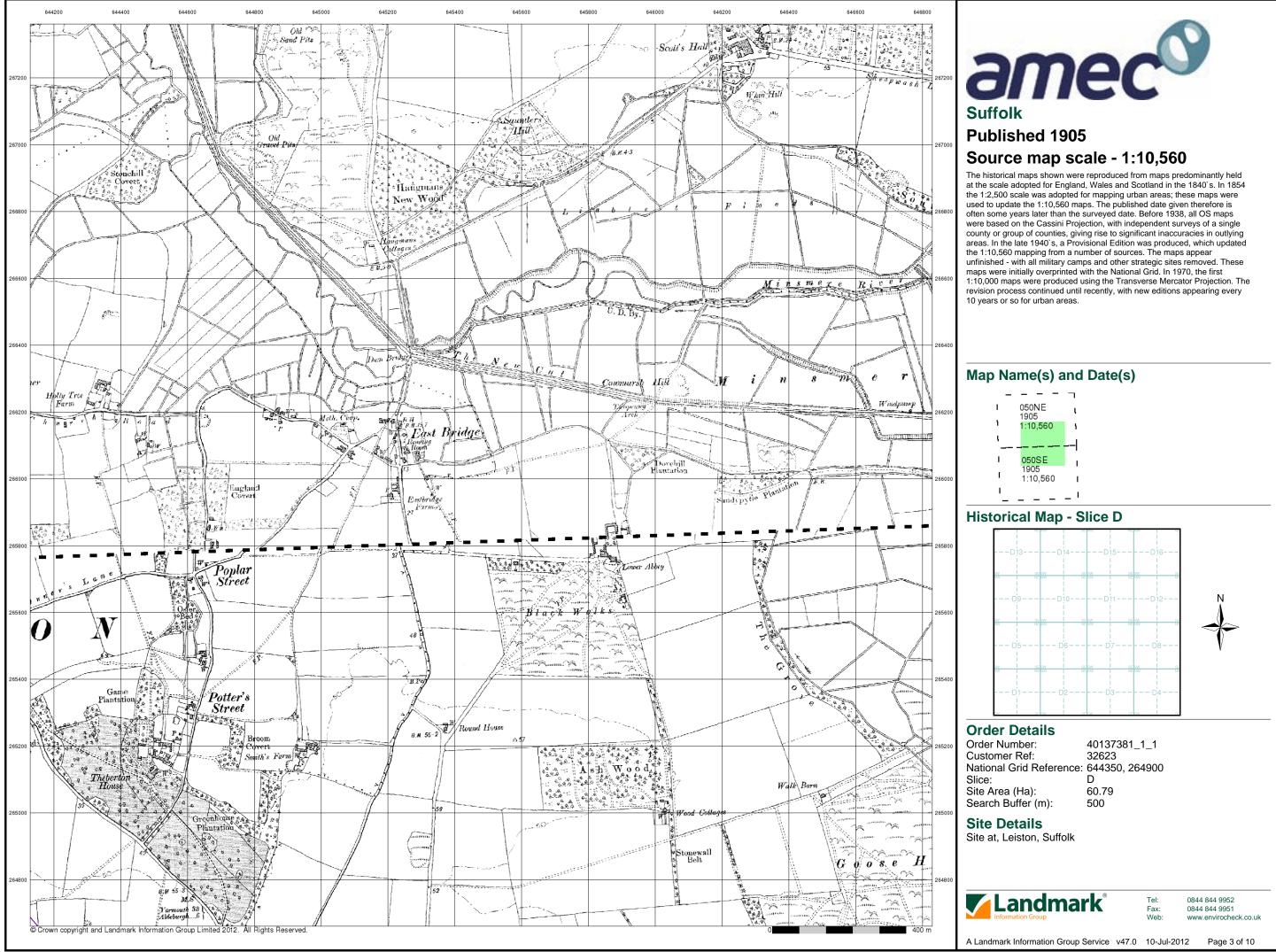




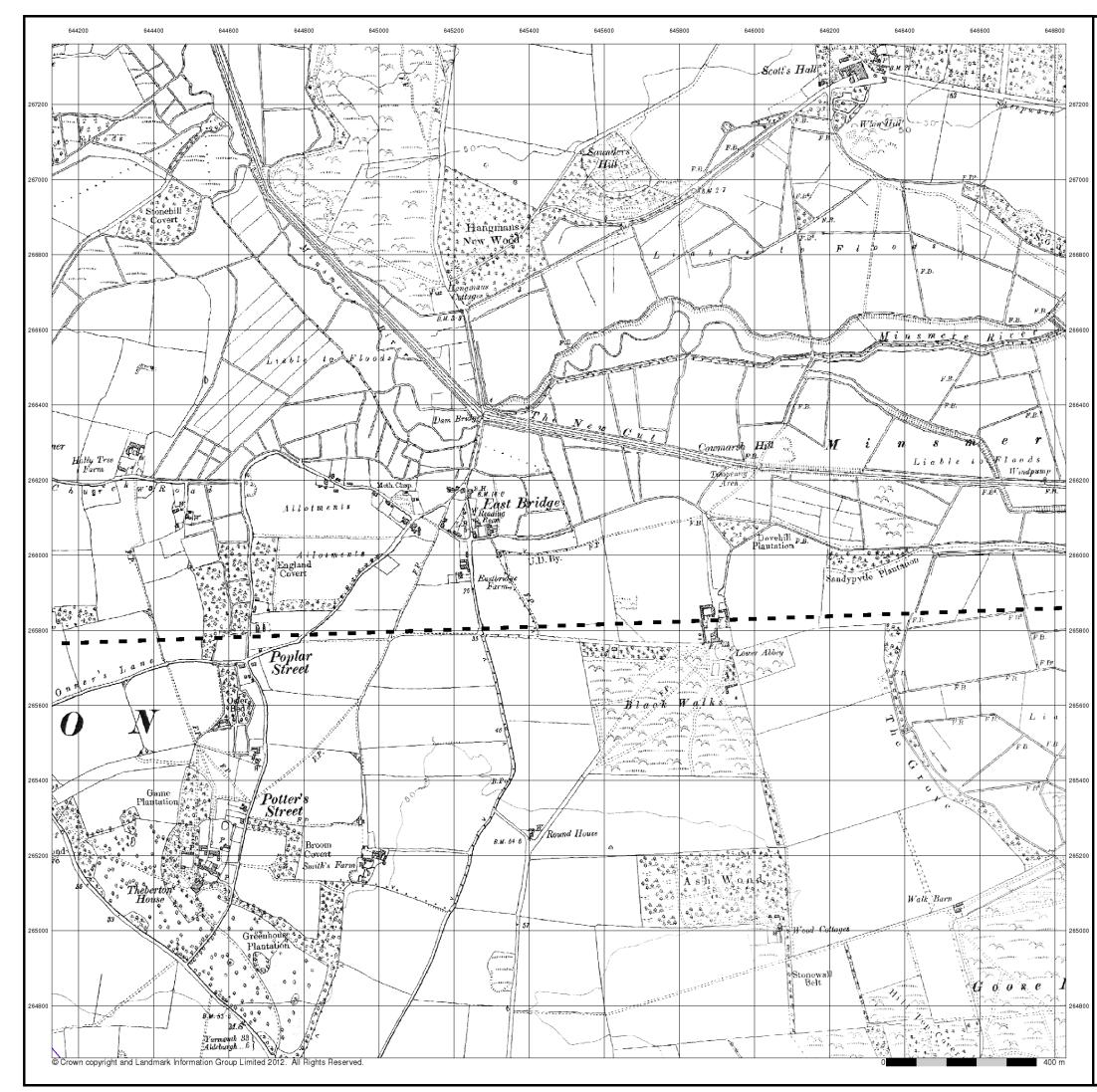
# Published 1883 - 1884 Source map scale - 1:10,560

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





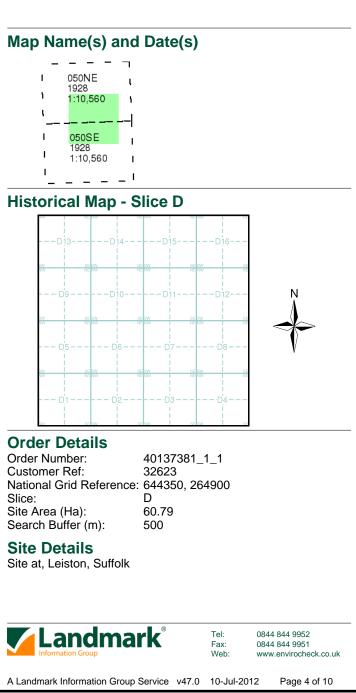


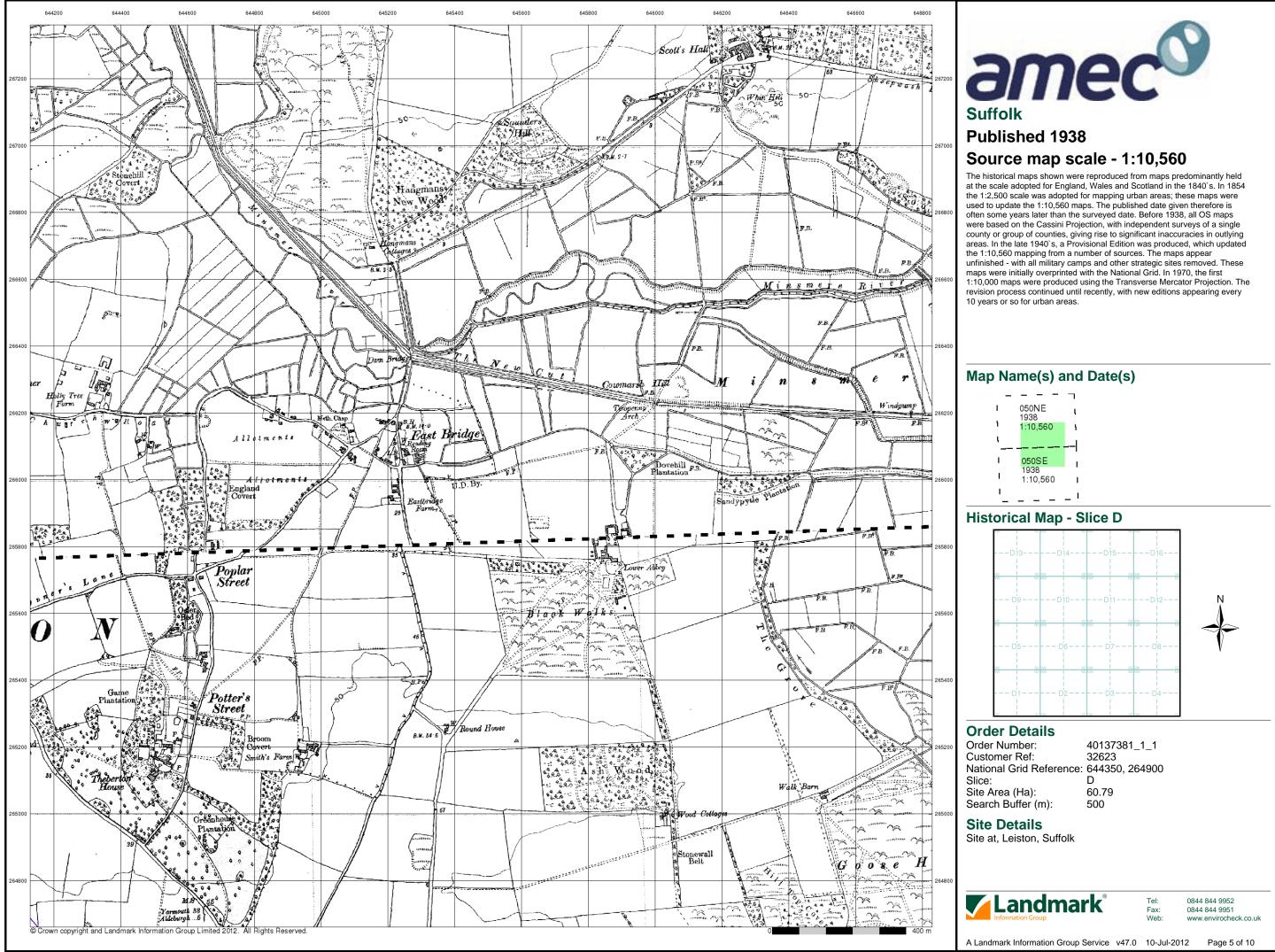




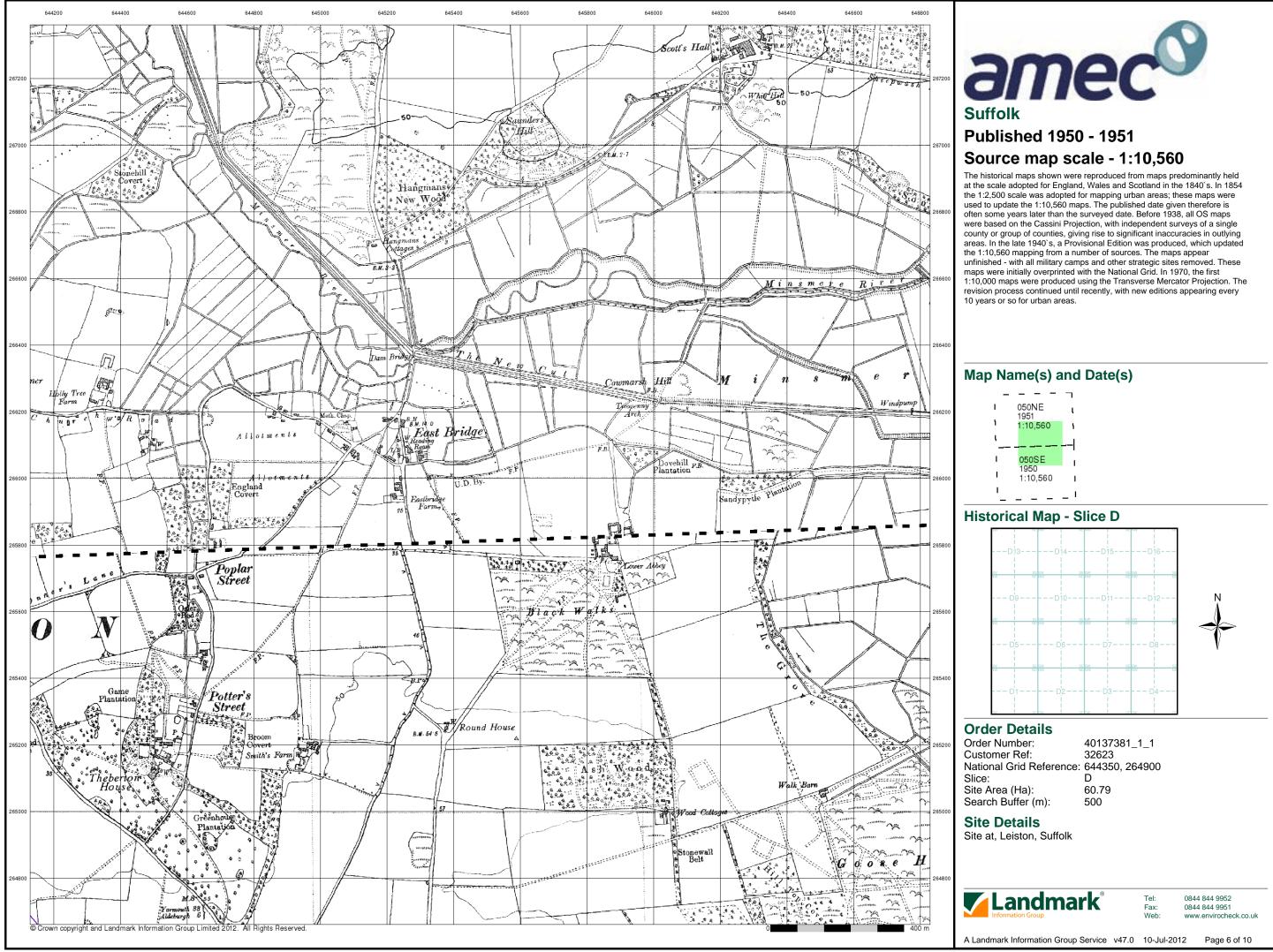
# Published 1928 Source map scale - 1:10,560

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

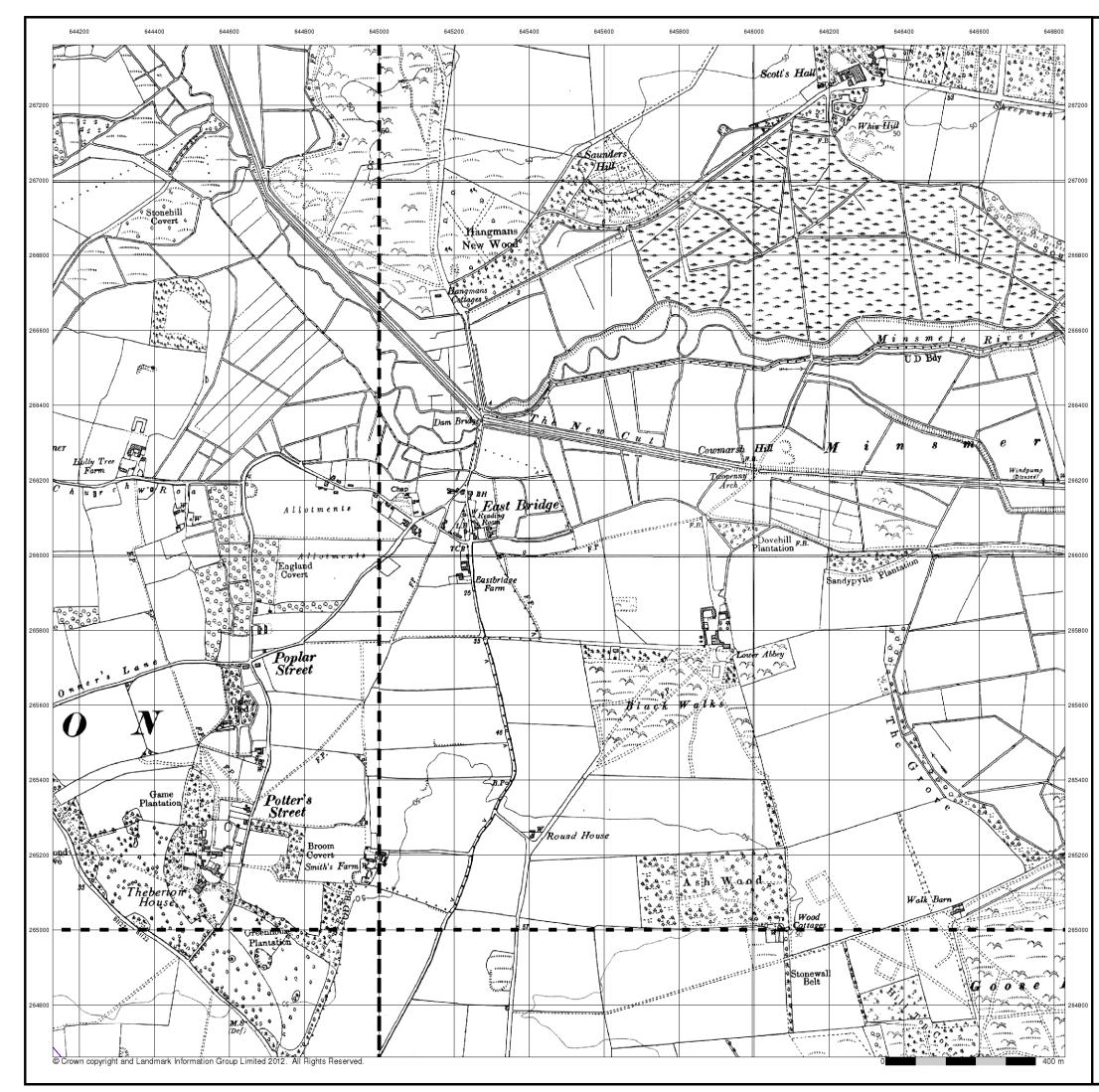














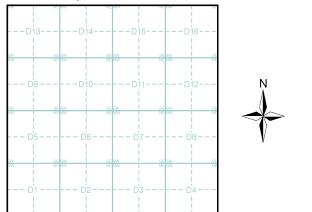
# **Ordnance Survey Plan** Published 1957 - 1958 Source map scale - 1:10,000

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

# Map Name(s) and Date(s)

|  |        |                            | _           |
|--|--------|----------------------------|-------------|
| TM46NW   | T      | TM46NE                     | I           |
| 1957<br>1:10,560                                   | Т      | 1958                       | Т           |
| 1.10,000   | T.     | 1.10,500                   | I           |
|  |        |                            |             |
|  |        |                            | _           |
| – – – –<br>I TM46SW                                | 1      | – –<br>TM46SE              | -           |
| – – – –<br><sup>I</sup> TM46SW<br>1958<br>1:10,560 | 1<br>1 | TM46SE<br>1958<br>1:10,560 | -<br>1<br>1 |

## **Historical Map - Slice D**



### **Order Details**

Order Number: Customer Ref: National Grid Reference: 644350, 264900 Slice: Site Area (Ha): Search Buffer (m):

40137381\_1\_1 32623 D 60.79 500

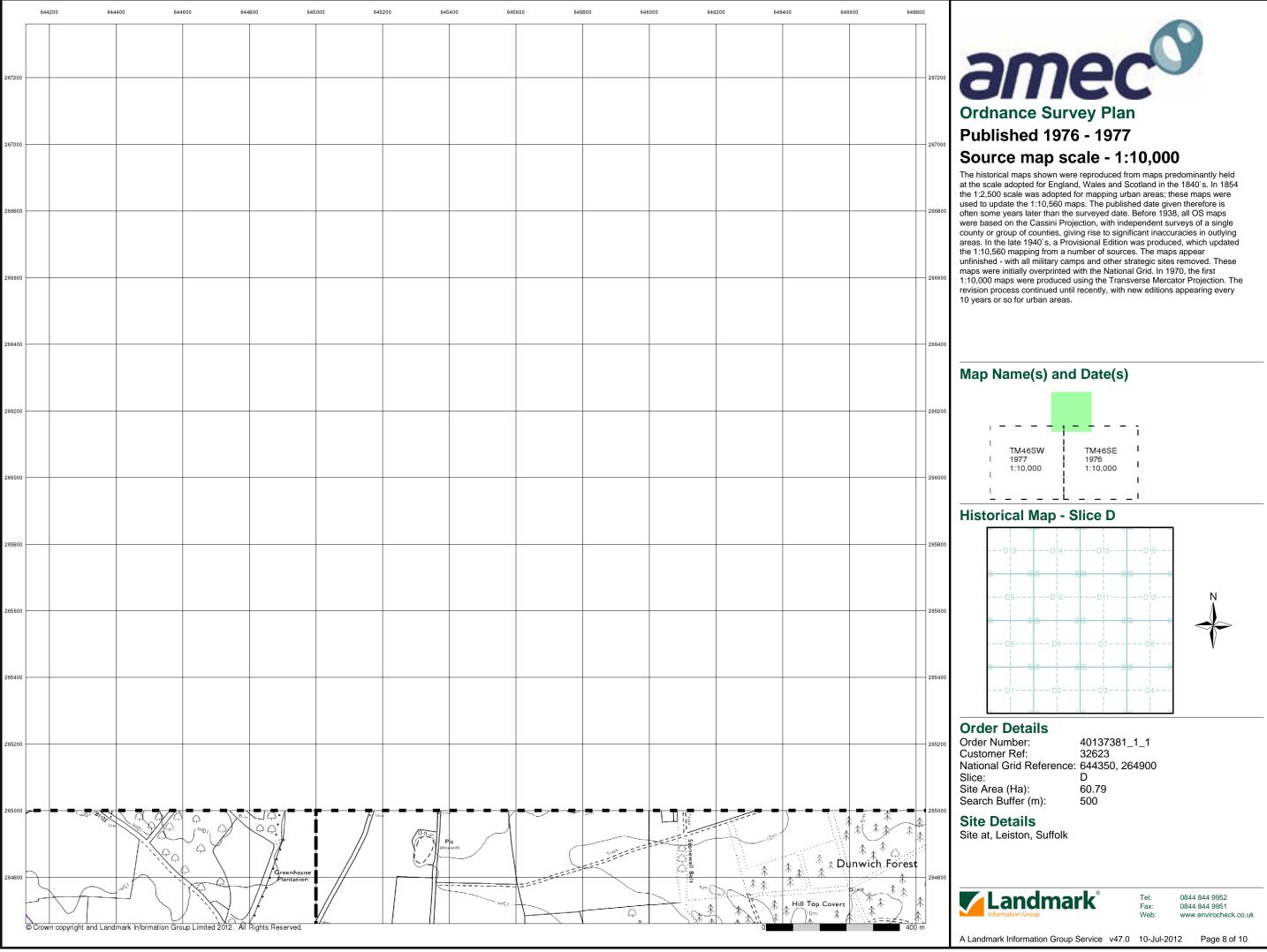
Tel: Fax:

Web

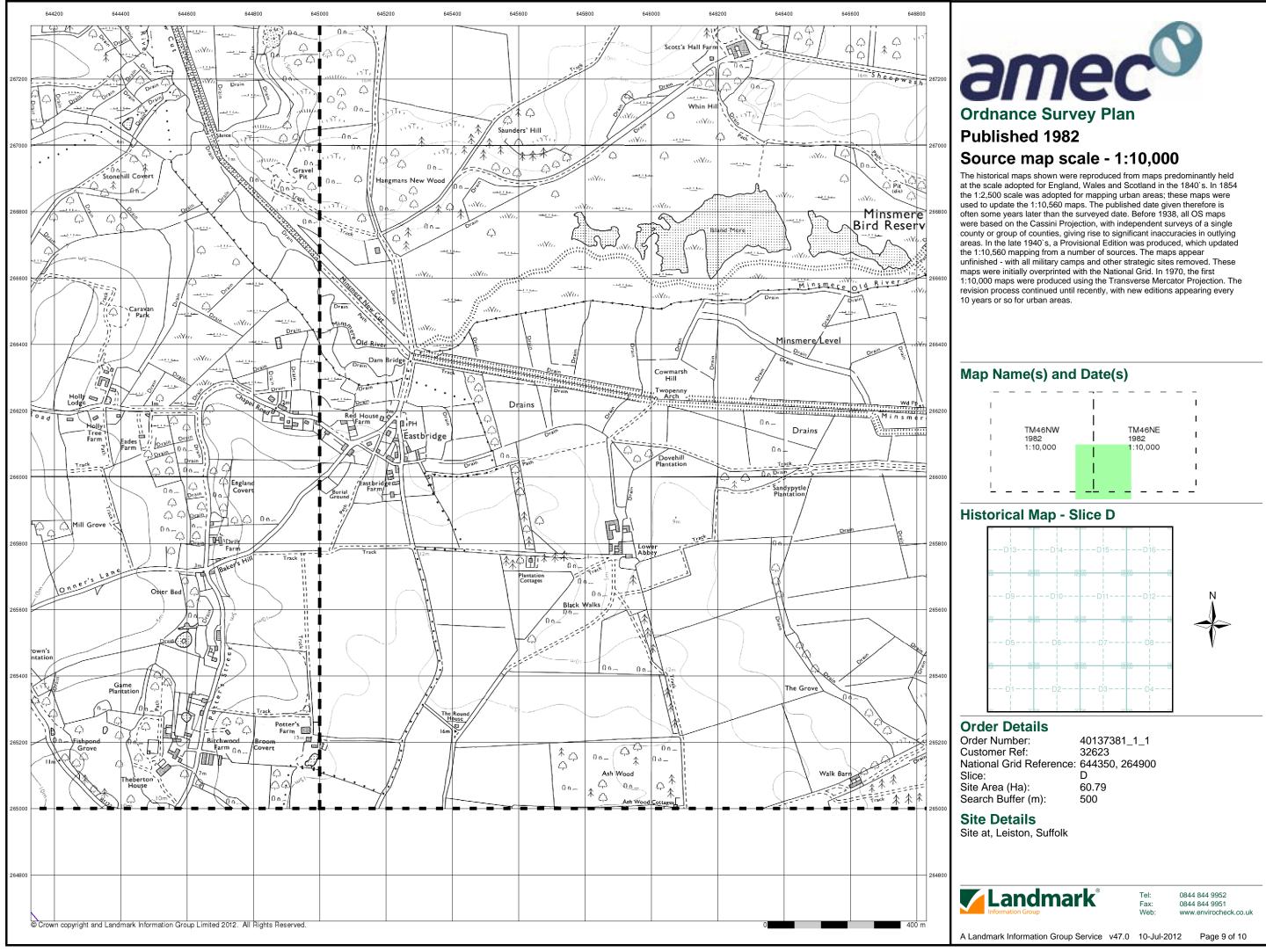
Site Details Site at, Leiston, Suffolk



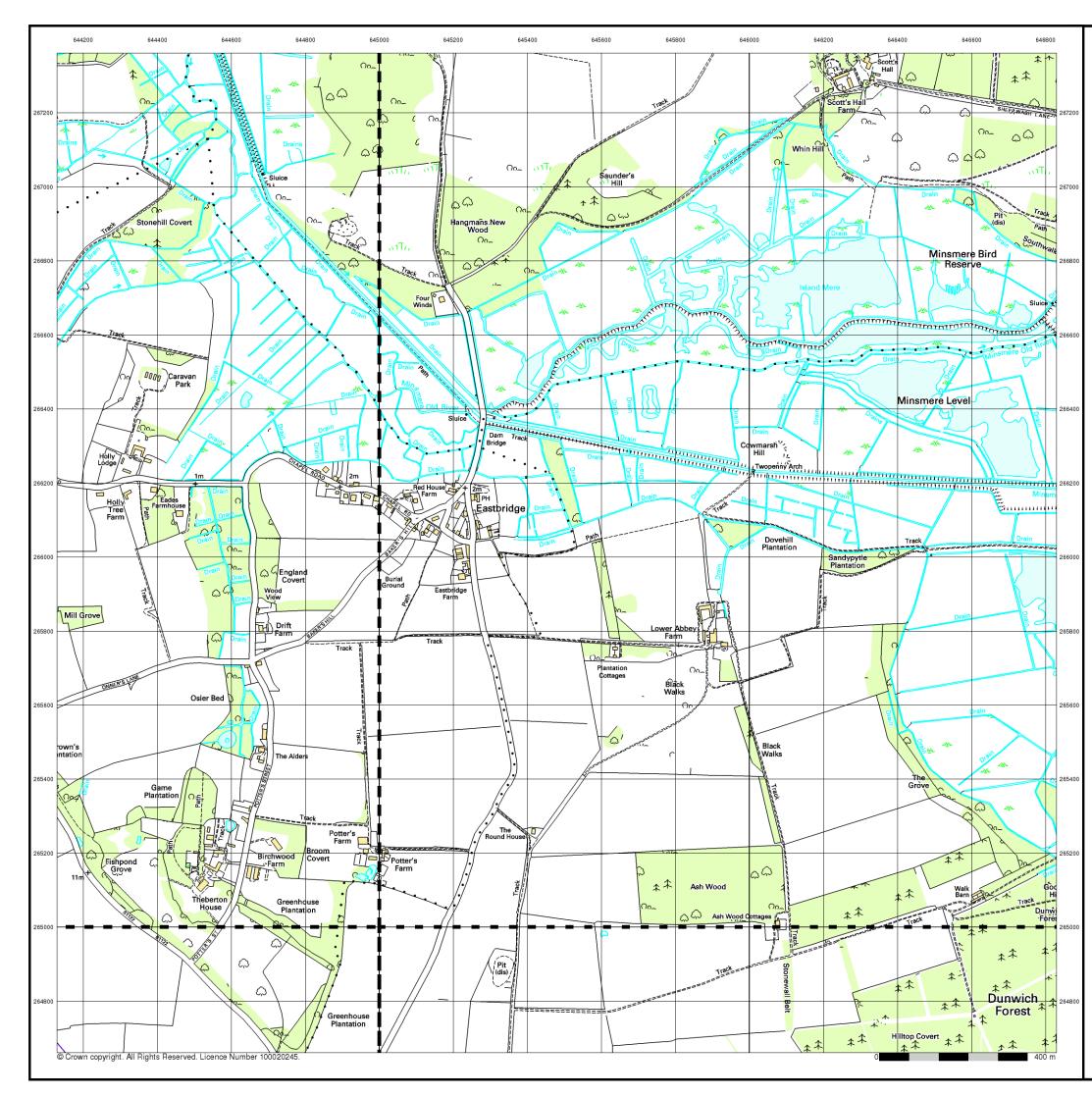
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# **10k Raster Mapping**

## Published 2012

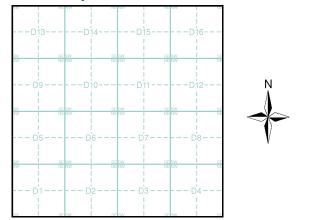
# Source map scale - 1:10,000

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

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

|                                  | _ |
|----------------------------------|---|
| TM46NW TM46NE                    | I |
| 2012 2012 1:10,000               | I |
| I I I                            | I |
| <mark></mark>                    | _ |
| TM46SW TM46SE                    | I |
| 2012   2012<br>1:10.000 1:10.000 | I |
| I I I                            | I |
|                                  |   |

## Historical Map - Slice D



## **Order Details**

Order Number: Customer Ref: National Grid Reference: 644350, 264900 Slice: D Site Area (Ha): Search Buffer (m): 60.79 500

40137381\_1\_1 32623

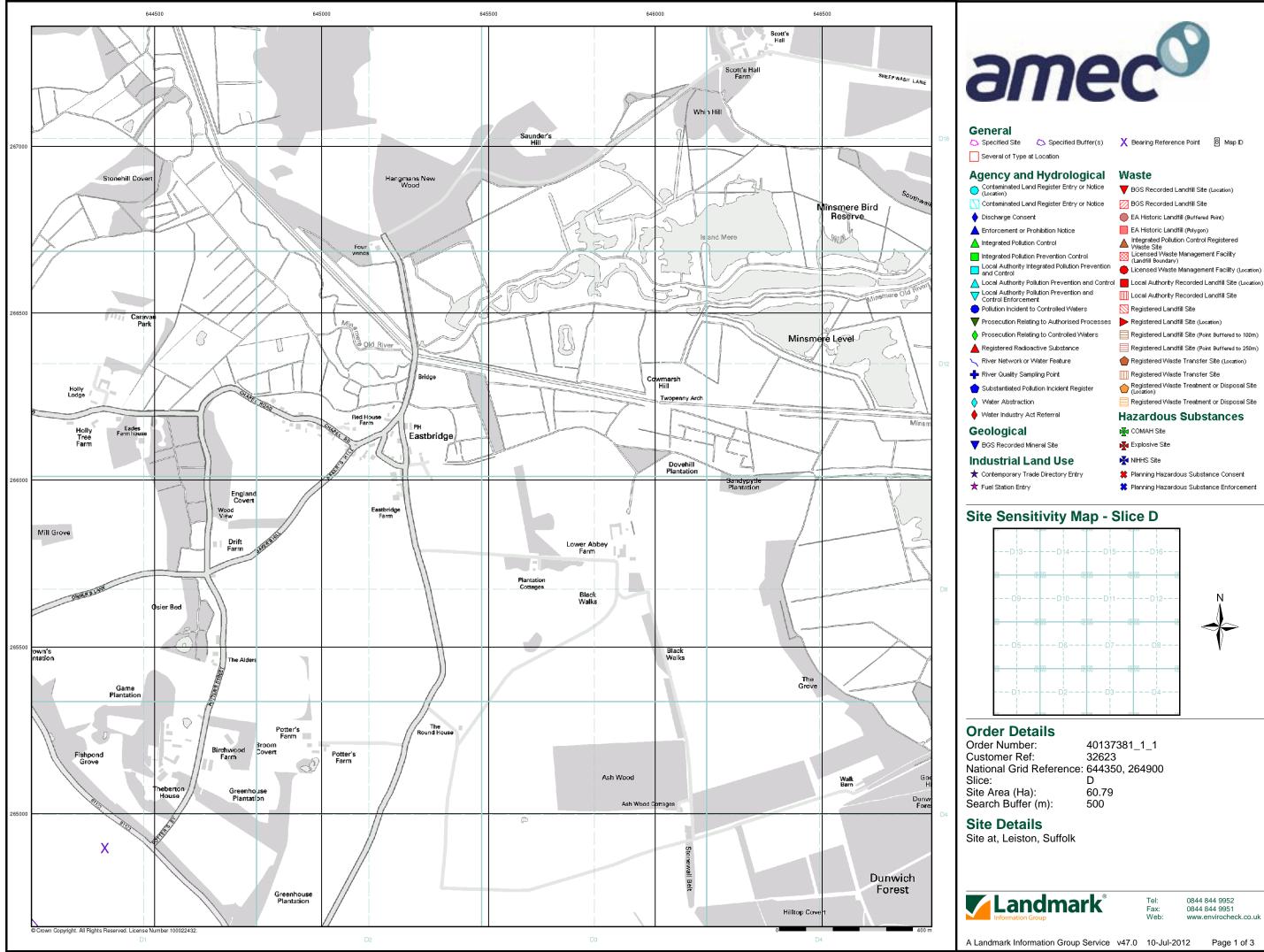
Site Details Site at, Leiston, Suffolk



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Tel: Fax:

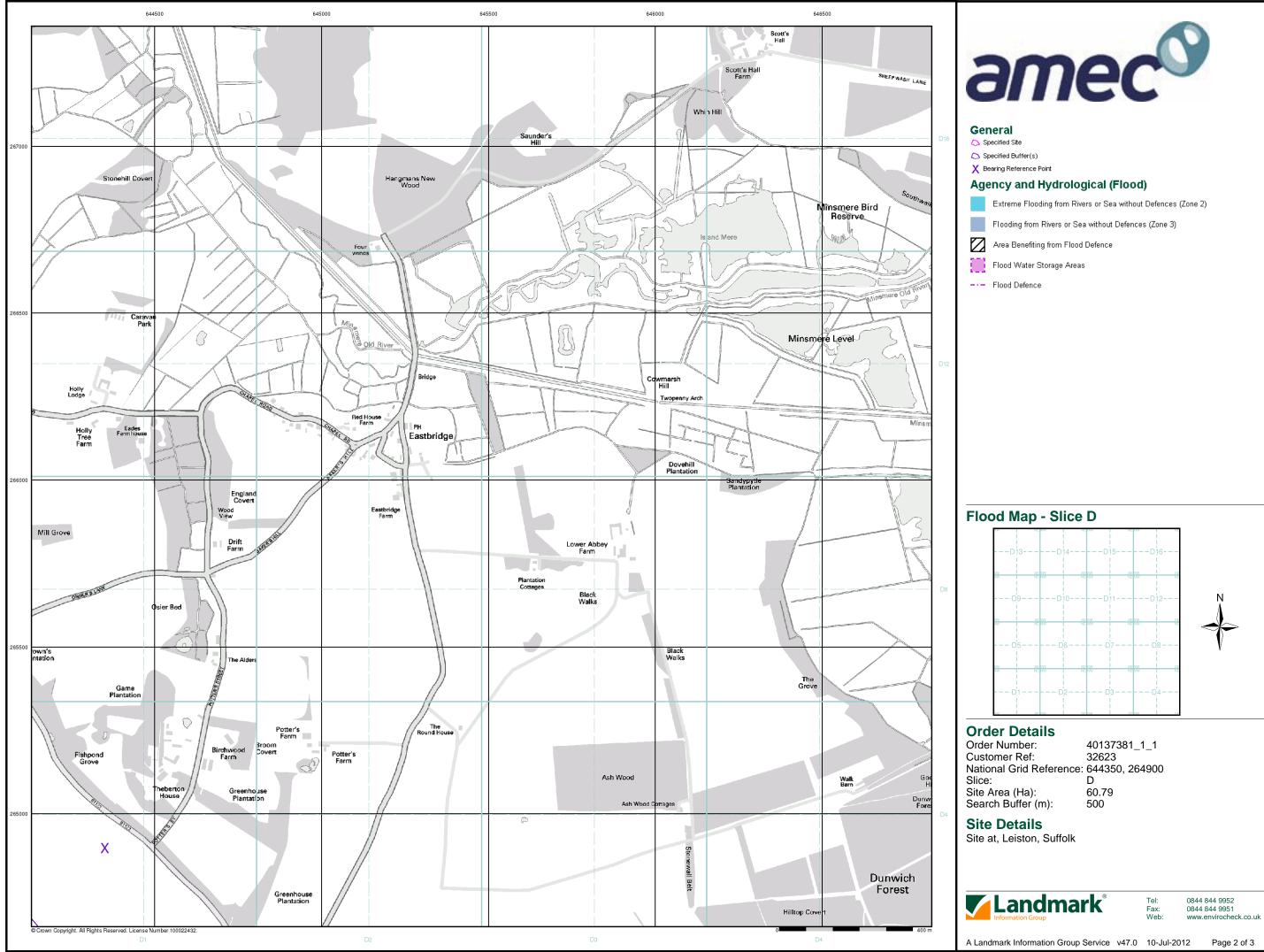
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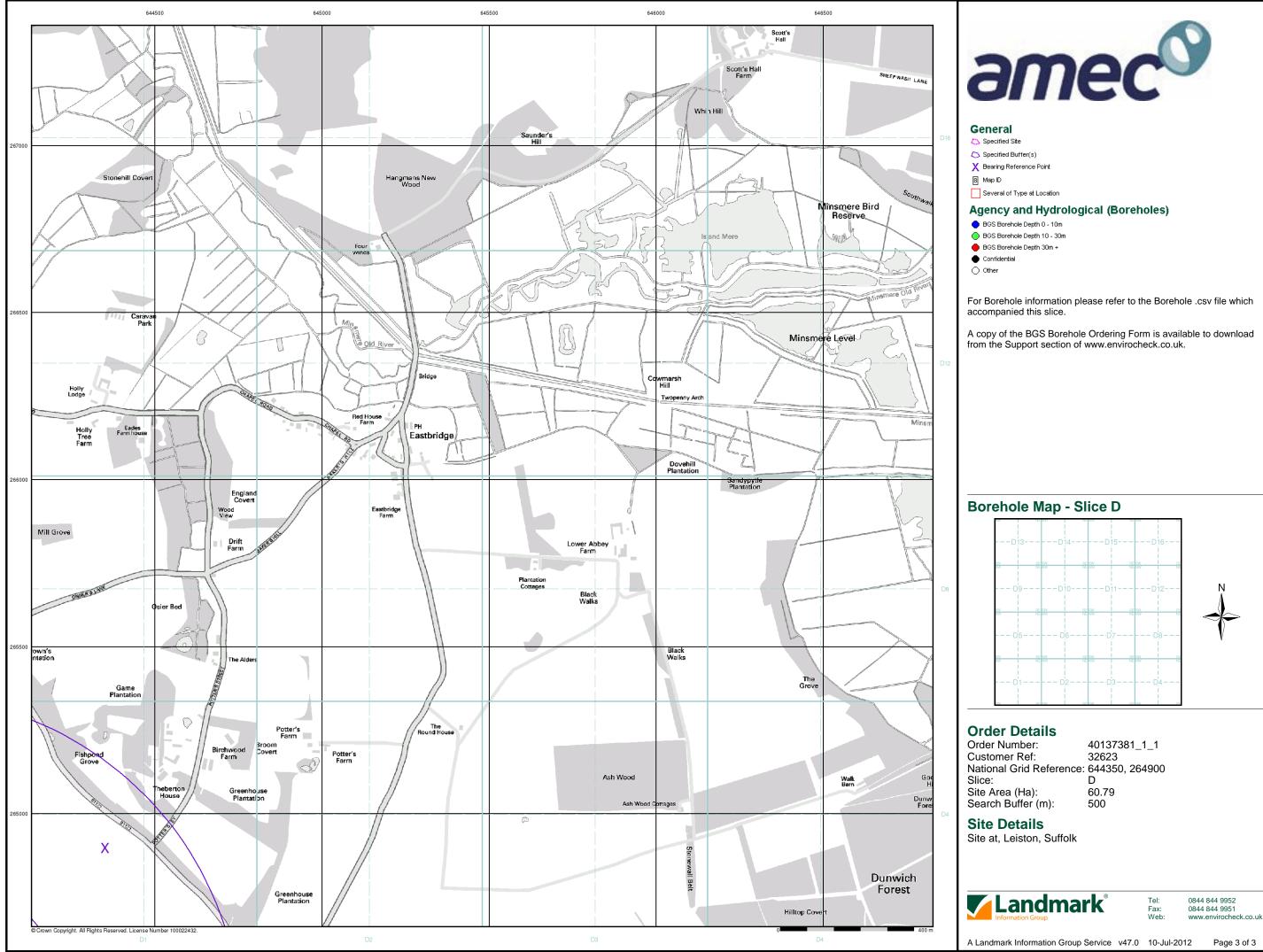


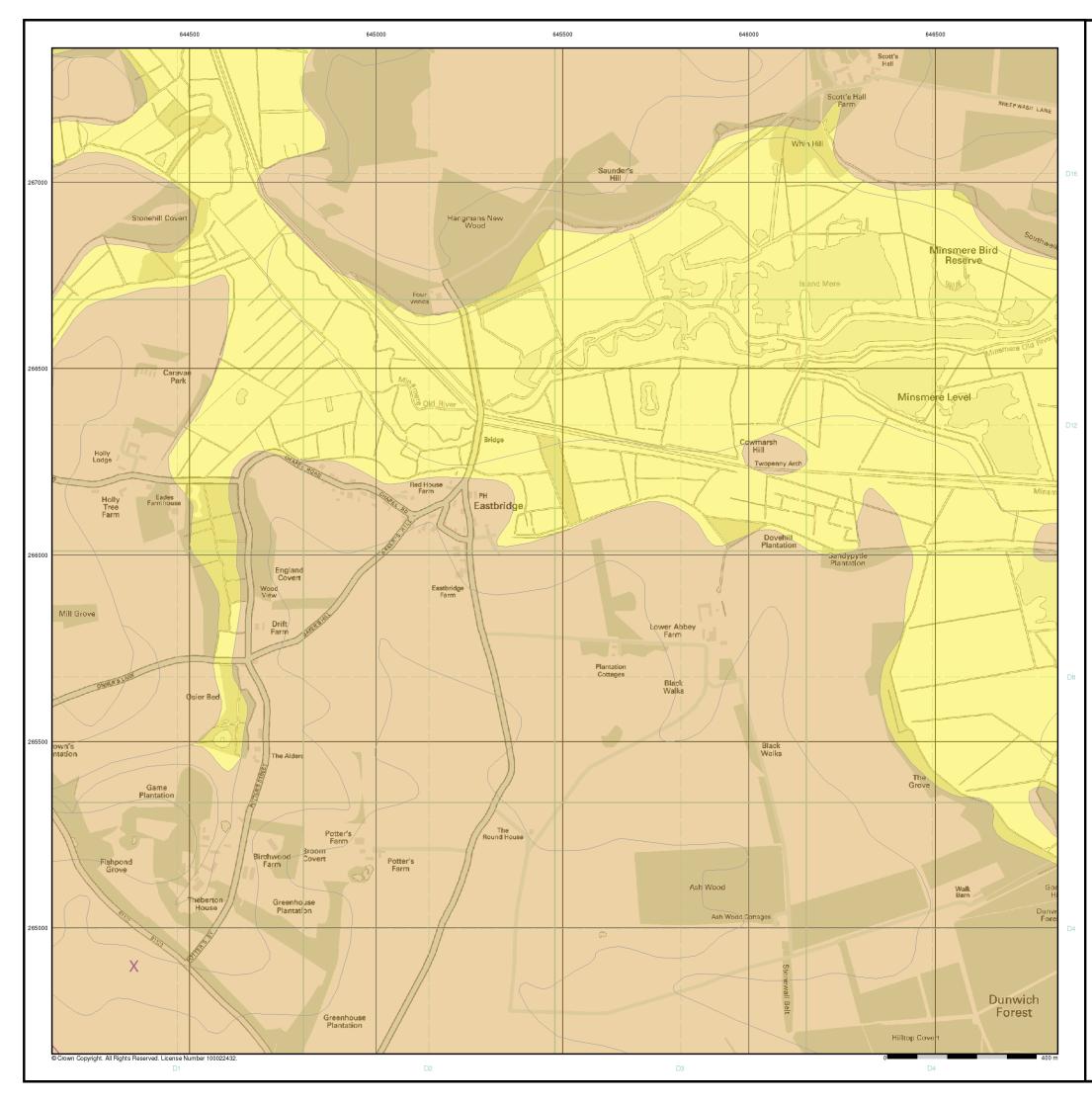
| 🔼 Specified Site                   | Specified Buffer(s)             | X Bearing Reference Poir                     |
|------------------------------------|---------------------------------|--|
| Several of Type a                  | t Location                      |  |
| Agency and                         | l Hydrological                  | Waste  |
| Contaminated Lan<br>(Location)     | d Register Entry or Notice      | BGS Recorded Landfill                        |
| 📉 Contaminated Lan                 | d Register Entry or Notice      | BGS Recorded Landfill                        |
| 🔶 Discharge Conser                 | nt                              | 🔴 EA Historic Landfill (Bufi                 |
| A Enforcement or Pr                | ohibition Notice                | EA Historic Landfill (Poly                   |
| A Integrated Pollution             | n Control                       | A Integrated Pollution Con<br>Waste Site     |
| Integrated Pollution               | n Prevention Control            | Licensed Waste Manage<br>(Landfill Boundary) |
| Local Authority Inf<br>and Control | tegrated Pollution Prevention   | Licensed Waste Manag                         |
| 🛆 Local Authority Po               | ollution Prevention and Control | Local Authority Record                       |
| Control Enforceme                  | ollution Prevention and<br>ent  | Local Authority Record                       |
| Pollution Incident t               | o Controlled Waters             | 🚫 Registered Landfill Site                   |
| Prosecution Relation               | ing to Authorised Processes     | Registered Landfill Site                     |
| 🔶 Prosecution Relati               | ing to Controlled Waters        | Registered Landfill Site                     |
| 🔺 Registered Radioa                | active Substance                | Registered Landfill Site                     |
| 🥄 River Network or V               | Nater Feature                   | 👚 Registered Waste Tran:                     |
| 🕂 River Quality Sam                | pling Point                     | IIII Registered Waste Tran:                  |
| 合 Substantiated Poll               | ution Incident Register         | Registered Waste Treat (Location)            |
| 🚫 Water Abstraction                | ı                               | Registered Waste Treat                       |
| 🔶 Water Industry Ad                | t Referral                      | Hazardous Sul                                |
| Geological                         |                                 | 🛃 COMAH Site                                 |
| BGS Recorded Mi                    | neral Site                      | 🛃 Explosive Site                             |
| Industrial La                      | and Use                         | 🛃 NIHHS Site                                 |
|                                    |                                 |  |

| Order Number:           |
|-------------------------|
| Customer Ref:           |
| National Grid Reference |
| Slice:                  |
| Site Area (Ha):         |
| Search Buffer (m):      |

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### General

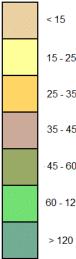
🔼 Specified Site

Specified Buffer(s)

X Bearing Reference Point

## **Estimated Soil Chemistry Arsenic**

### Arsenic Concentrations mg/kg





| W          | NENW           |         | NENW           |         | NENW           |         | NE       |
|------------|----------------|---------|----------------|---------|----------------|---------|----------|
| D13-       |                | -D14-   |                | -D15-   |                | -D16-   |          |
| SW I       | SE SW<br>NE NW |         | SE SW<br>NE NW |         | SEISW<br>NEINW |         | SE<br>NE |
| <br>D9-    |                | -D10-   |                | -D11-   |                | -D12-   |          |
| w I<br>W I | SE SW<br>NE NW |         | SE SW<br>NE NW |         | SEISW<br>NE NW |         | SE       |
| :D5-       |                | - ·D6 - |                | - ·D7-  |                | - ·D8 - |          |
| SW I       | SE SW<br>NE NW |         | SE SW<br>NE NW |         | SE SW<br>NE NW |         | SE<br>NE |
| :D1-       |                | - ·D2 - |                | - ·D3 - |                | - ·D4 - |          |
| i<br>w     | SESW           |         | SESW           |         | SEISW          |         | SE       |

## **Order Details**

Order Details: 40137381\_1\_1 Customer Ref: 32623 National Grid Reference: 644350, 264900 D Slice: Site Area (Ha): 60.79 Search Buffer (m): 500

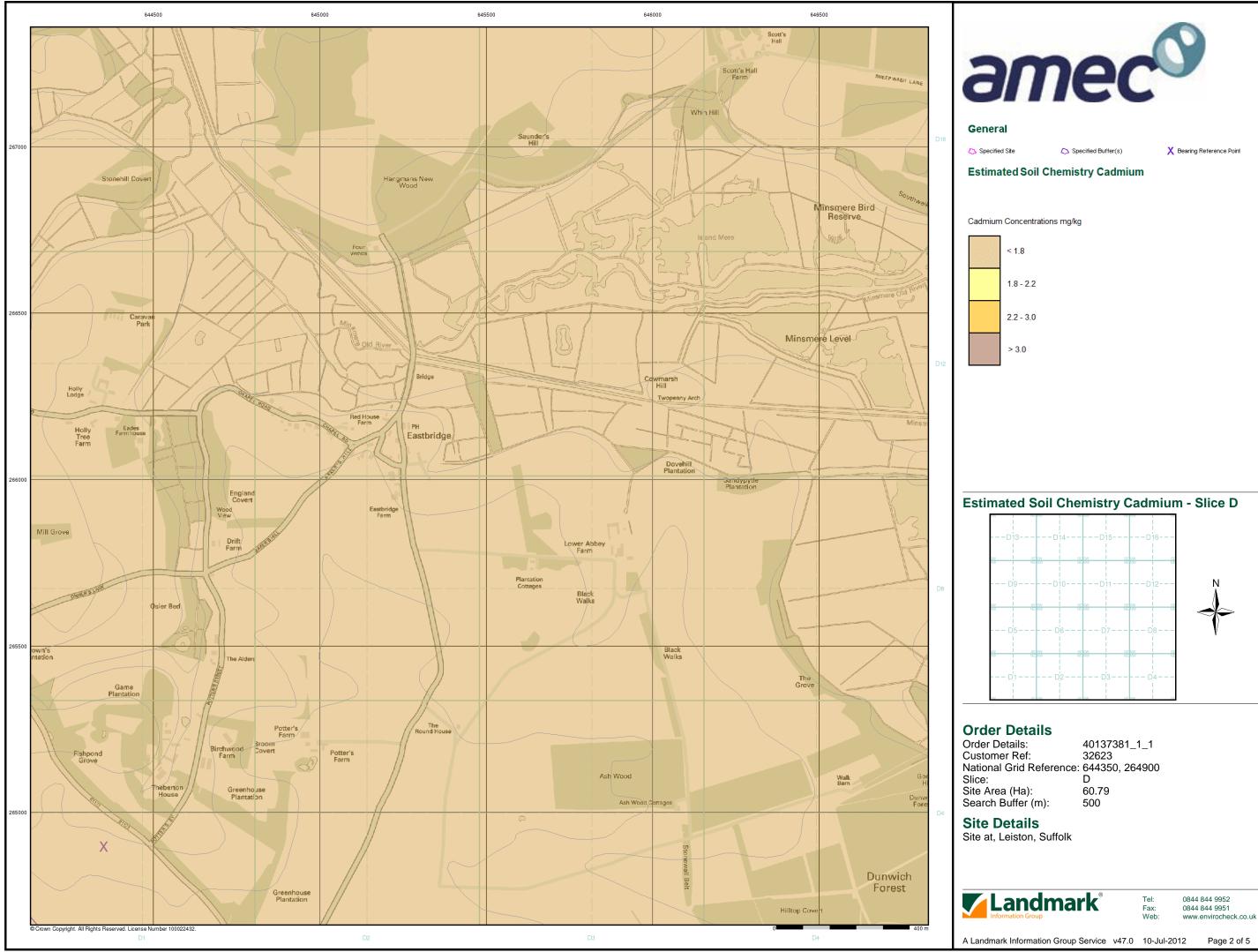
Site Details Site at, Leiston, Suffolk

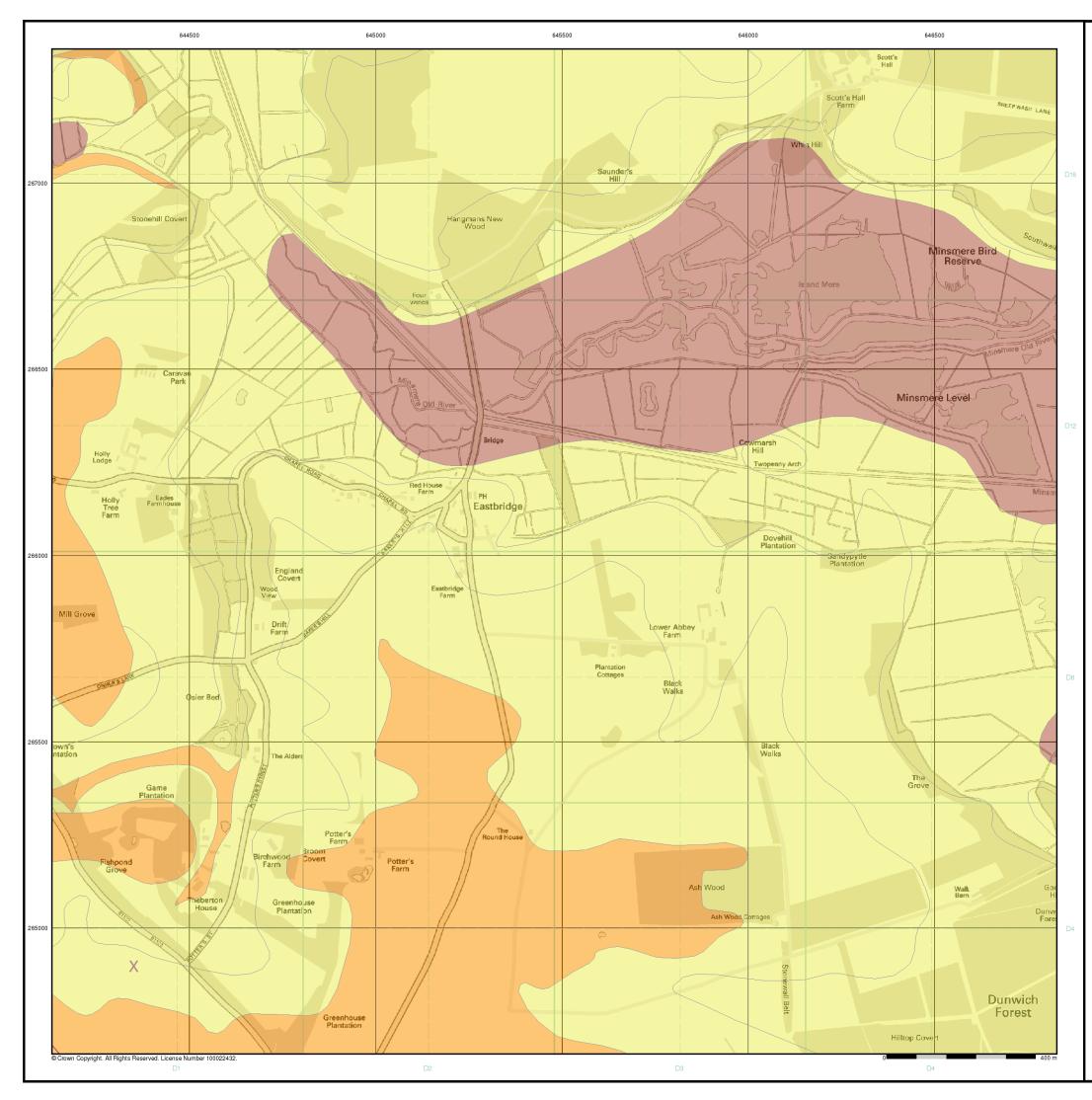


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Tel: Fax:

Web:







### General

🔼 Specified Site

Specified Buffer(s)

X Bearing Reference Point

## **Estimated Soil Chemistry Chromium**

Chromium Concentrations mg/kg





| Estimated    | d Soi          | I Chem         | istry | Ch             | r <mark>omiu</mark> n | n - Slice D |
|--------------|----------------|----------------|-------|----------------|-----------------------|-------------|
| NW I         | NENW           | NENW           |       | NENW           | NE                    |             |
| D13-         |                | -D14           | D15   |                | -D16                  |             |
| SW I<br>NW I | SE SW<br>NE NW | SE SW<br>NE NW |       | SESW<br>NENW   | I SE<br>I NE          |             |
| ·D9 -        |                | -D10           | D11   |                | -D12                  | N<br>A      |
| sw.<br>WW    | SEISW<br>NEINW | SE SW<br>NE NW |       | SEISW<br>NEINW | SE<br>NE              |             |
| D5 -         |                | - D6           | ·D7   |                | - ·D8                 | $\bigvee$   |
| SW<br>WW     | SE SW<br>NE NW | SE SW<br>NE NW |       | SE SW<br>NE NW | SE<br>NE              |             |
| ·D1 -        |                | - D2           | ·D3   |                | - ·D4                 |             |
| sw. I        | SESW           | SESW           |       | SESW           | SE                    |             |

## **Order Details**

 Order Details:
 40137381\_1\_1

 Customer Ref:
 32623

 National Grid Reference:
 644350, 264900

 Slice:
 D

 Site Area (Ha):
 60.79

 Search Buffer (m):
 500

Site Details

Site at, Leiston, Suffolk

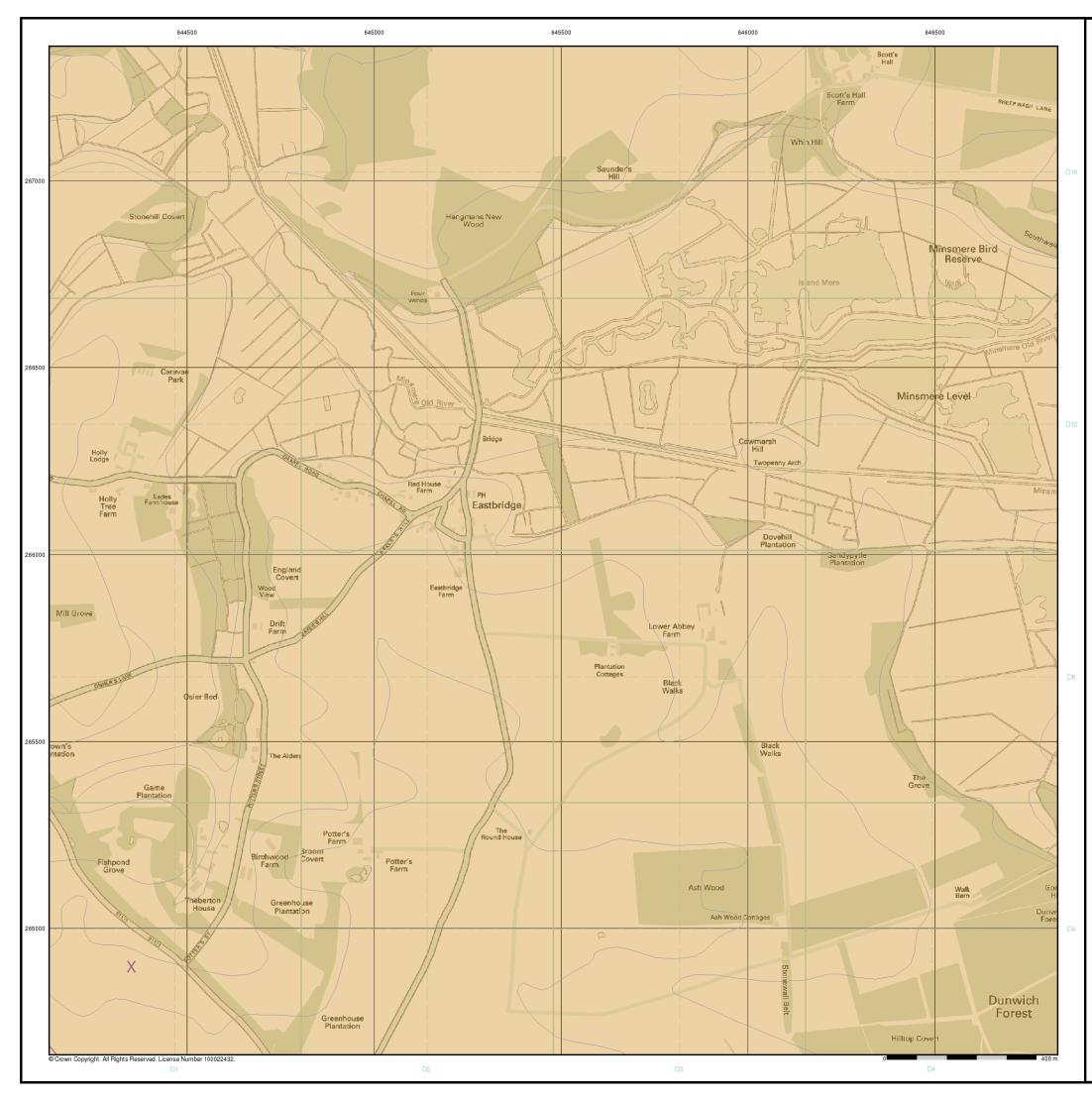


0844 844 9952 0844 844 9951 www.envirocheck.co.uk

Tel: Fax:

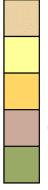
Web:

A Landmark Information Group Service v47.0 10-Jul-2012





### Lead Concentrations mg/kg



| < 150     |
|-----------|
| 150 - 300 |
| 300 - 600 |
| 600 - 900 |

> 900

### **Order Details**

 Order Details:
 40137381\_1\_1

 Customer Ref:
 32623

 National Grid Reference:
 644350, 264900

 Slice:
 D

 Site Area (Ha):
 60.79

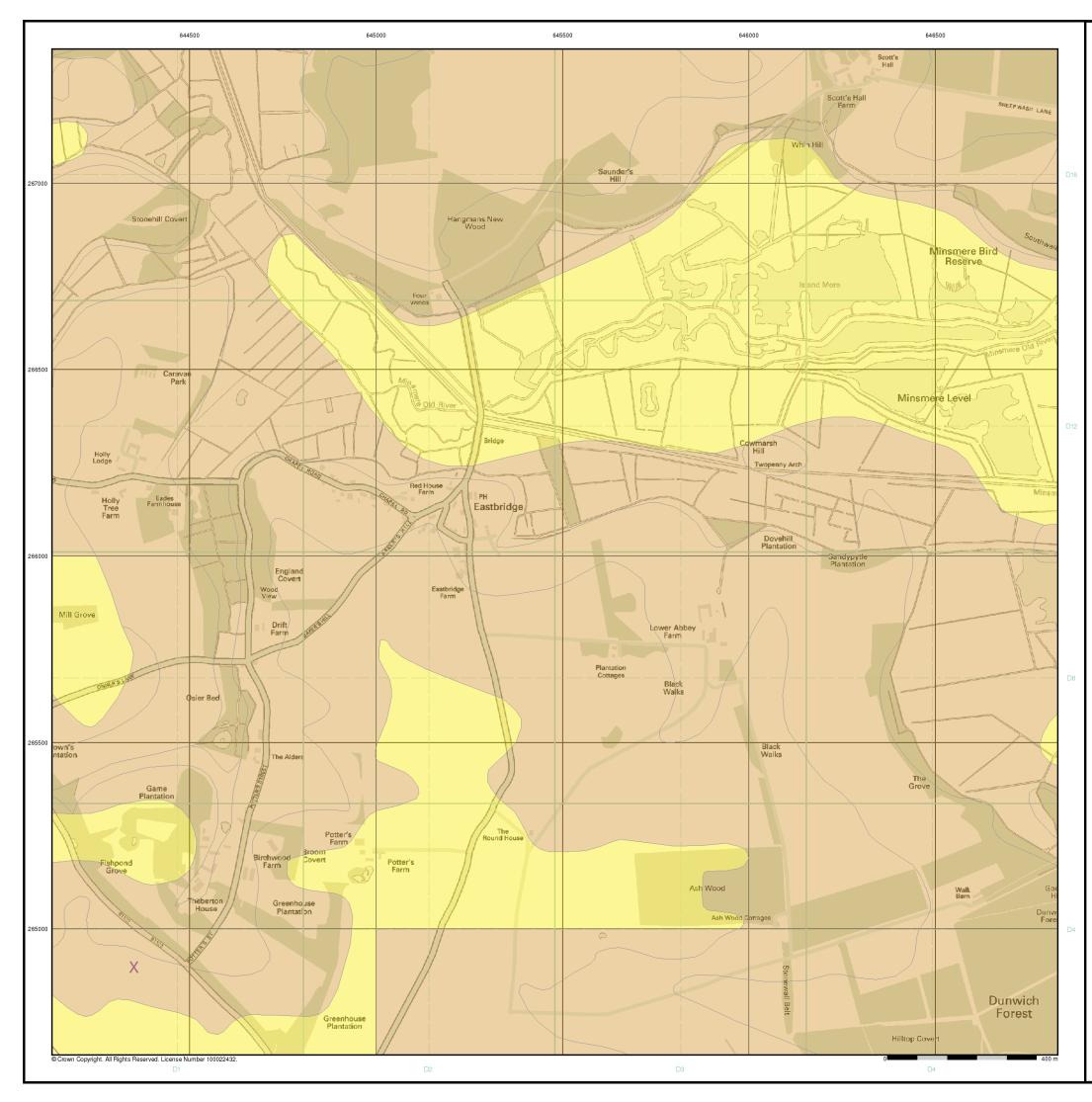
 Search Buffer (m):
 500

# Site Details

Site at, Leiston, Suffolk



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





### General

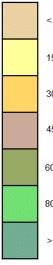
🔼 Specified Site

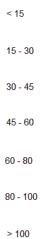
🔼 Specified Buffer(s)

X Bearing Reference Point

## Estimated Soil Chemistry Nickel

### Nickel Concentrations mg/kg





| WW I              | NENW           |           | NENW           |           | NENW           |                          | NE       |   |
|-------------------|----------------|-----------|----------------|-----------|----------------|--------------------------|----------|---|
| D13-              |                | -D14-     |                | -D15-     |                | -D16-                    |          |   |
| sw I<br>NW I<br>I | SE SW<br>NE NW |           | SE SW<br>NE NW |           | SE SW<br>NE NW |                          | SE       |   |
| <br>1<br>         |                | -D10-     |                | -D11-     |                | -D12-                    |          | N |
| SW I<br>NW I      | SE SW<br>NE NW |           | SE SW<br>NE NW |           | SE SW<br>NE NW |                          | SE       |   |
| <br>1<br>1<br>1   |                | - ·D6 - · |                | – ·D7 – · |                | - ·D <mark>8</mark><br>i |          | V |
| SW I<br>NW I      | SE SW<br>NE NW |           | SE SW<br>NE NW |           | SE SW<br>NE NW |                          | SE<br>NE |   |
| ·D.1-             |                | - ·D2 - · |                | - ·D3 - · |                | - ·D4 -                  |          |   |
| BW                | SESW           |           | SEISW          |           | SESW           |                          | SE       |   |

## **Order Details**

 Order Details:
 40137381\_1\_1

 Customer Ref:
 32623

 National Grid Reference:
 644350, 264900

 Slice:
 D

 Site Area (Ha):
 60.79

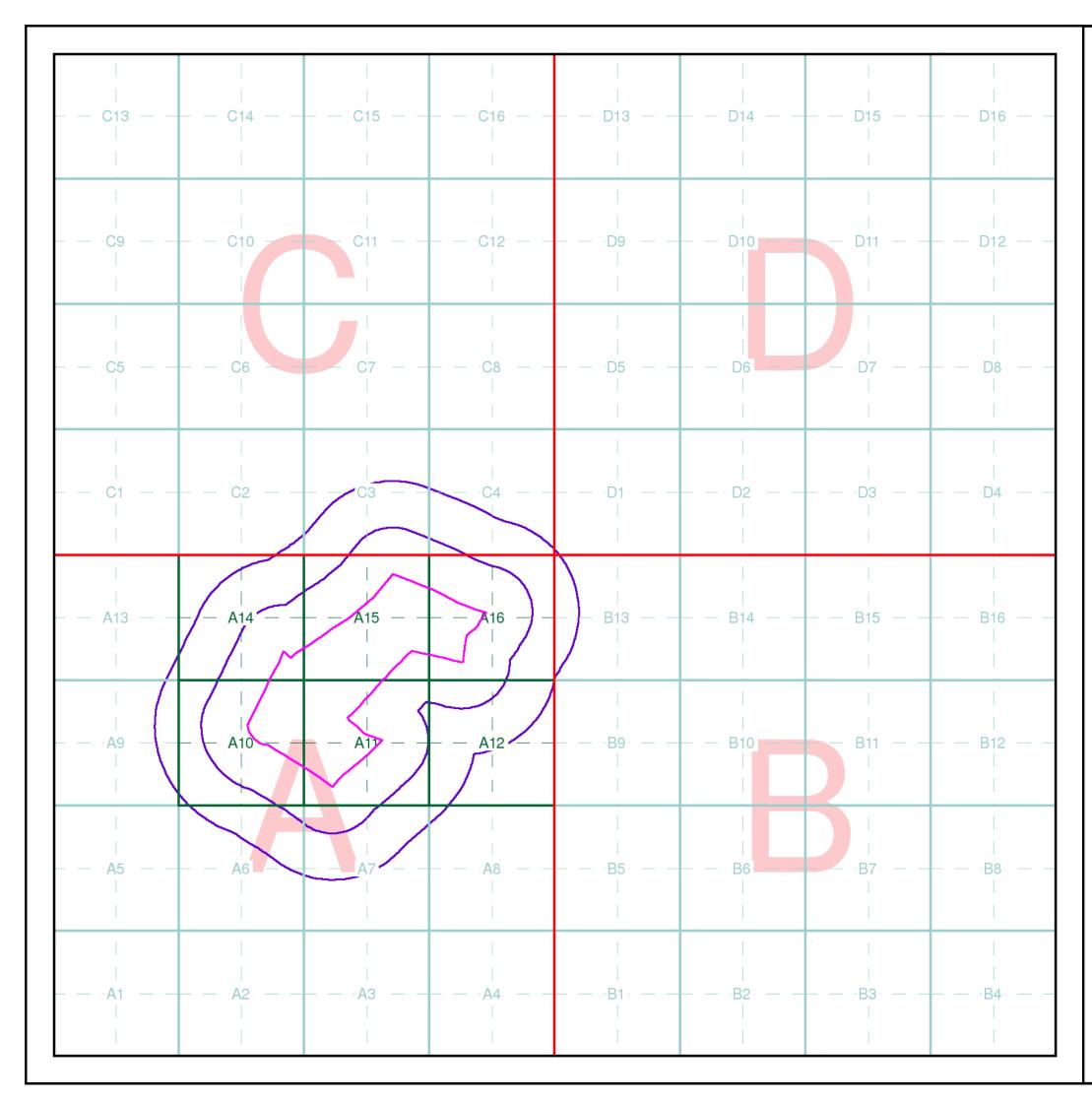
 Search Buffer (m):
 500

Site Details

Site at, Leiston, Suffolk



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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:





British Geological Survey Natural environment research council





Envirocheck reports are compiled from 136 different sources of data.

### **Client Details**

Miss D Shankar, AMEC Environment & Infrastructure UK Ltd, Unit 1, Long Barn, Village Road, Nercwys, Mold, Flintshire, CH7 4EW

## **Order Details**

 Order Number:
 40137381\_1\_1

 Customer Ref:
 32623

 National Grid Reference:
 643050, 264020

 Site Area (Ha):
 60.79

 Search Buffer (m):
 500

## **Site Details**

Site at, Leiston, Suffolk

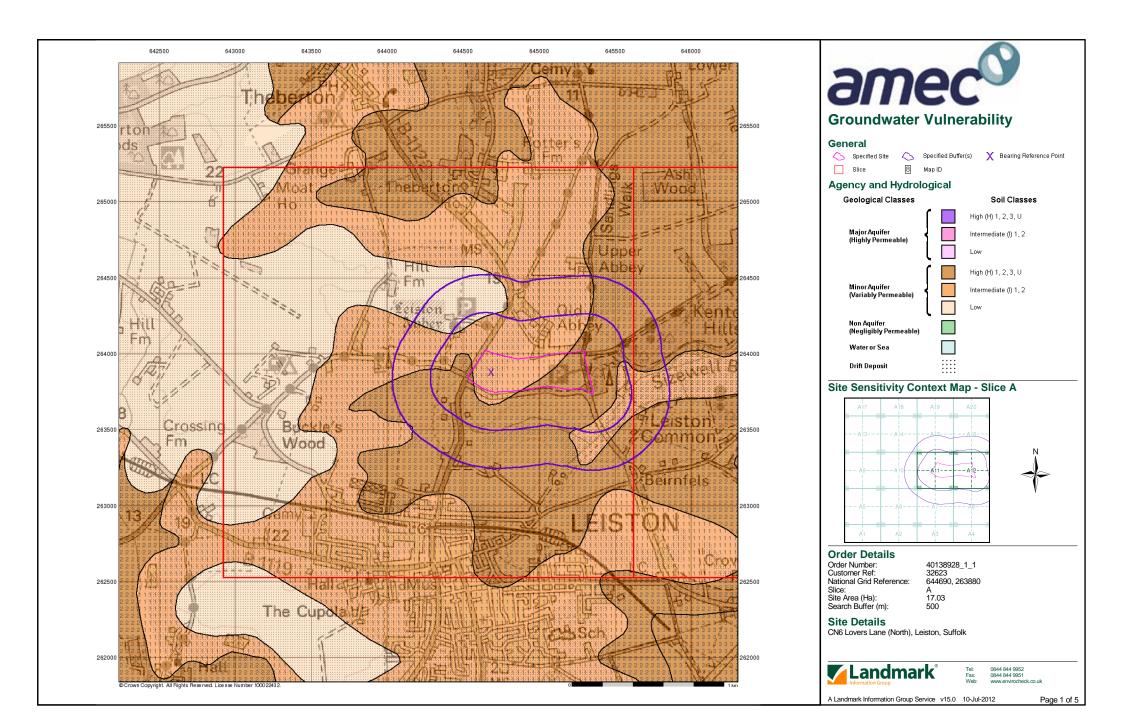
Full Terms and Conditions can be found on the following link: http://www.landmarkinfo.co.uk/Terms/Show/430

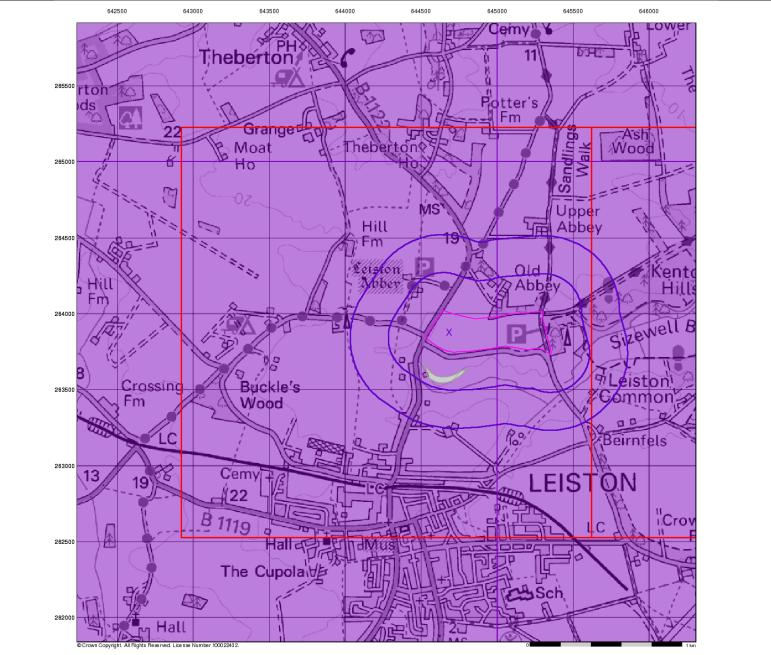


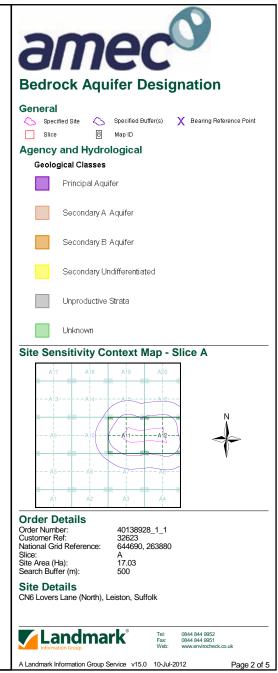
0844 844 9952 0844 844 9951 www.envirocheck.co.uk

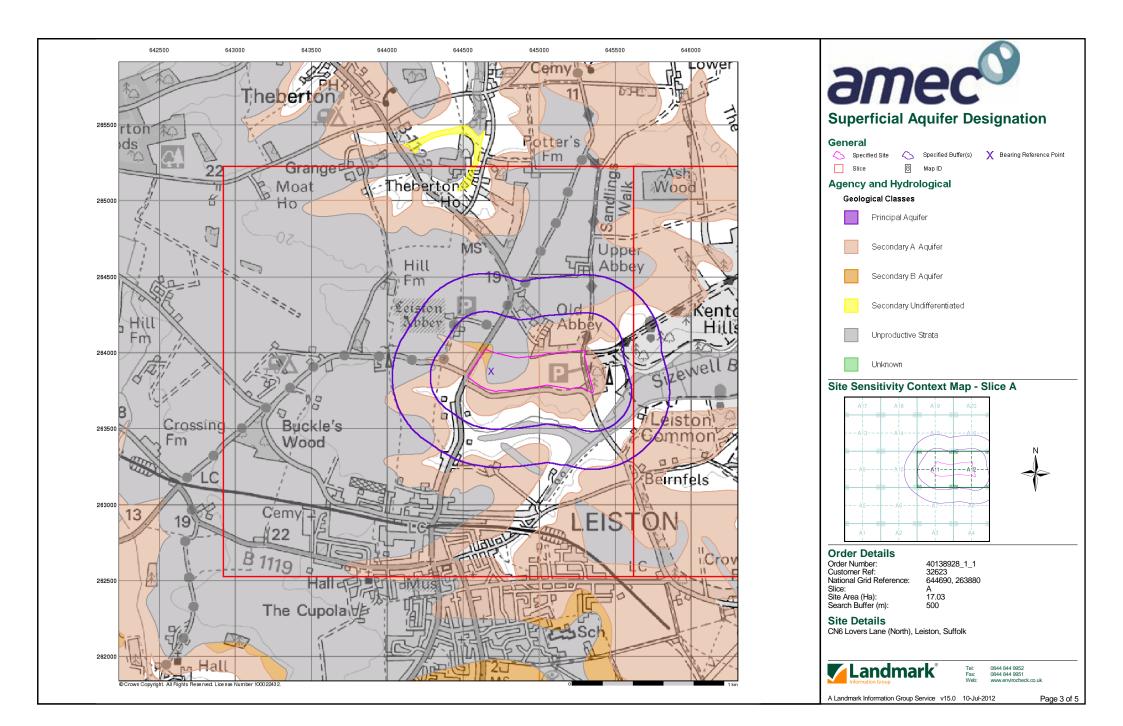
Tel: Fax: Web:

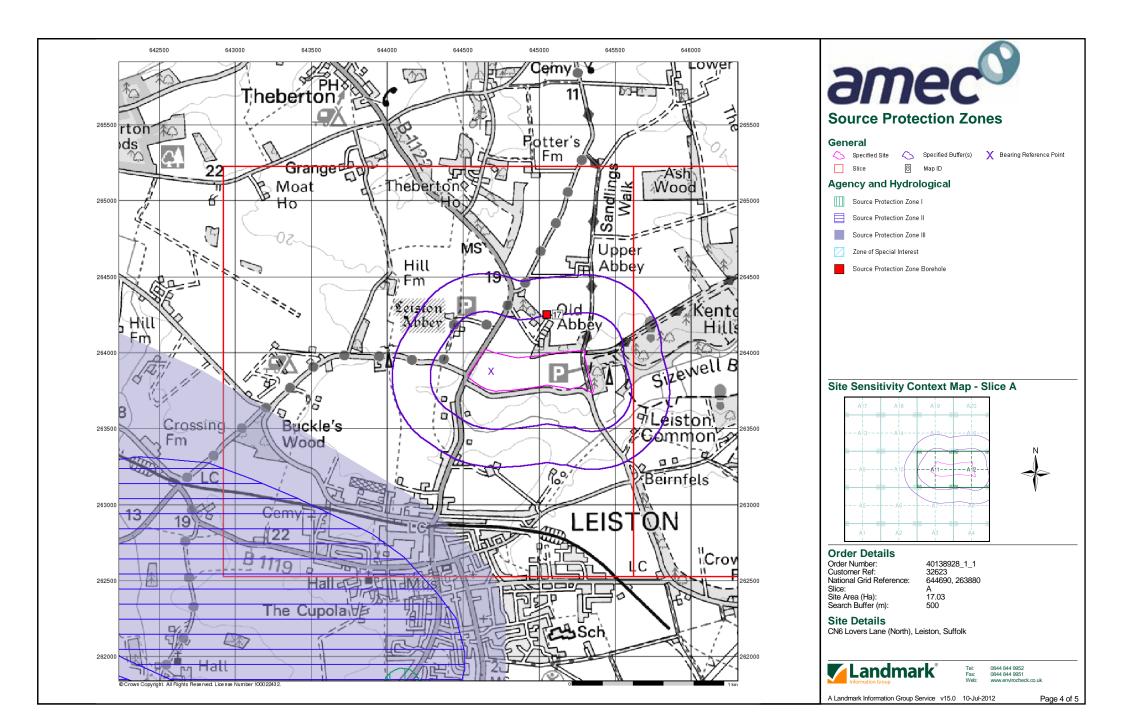
A Landmark Information Group Service v47.0 10-Jul-2012

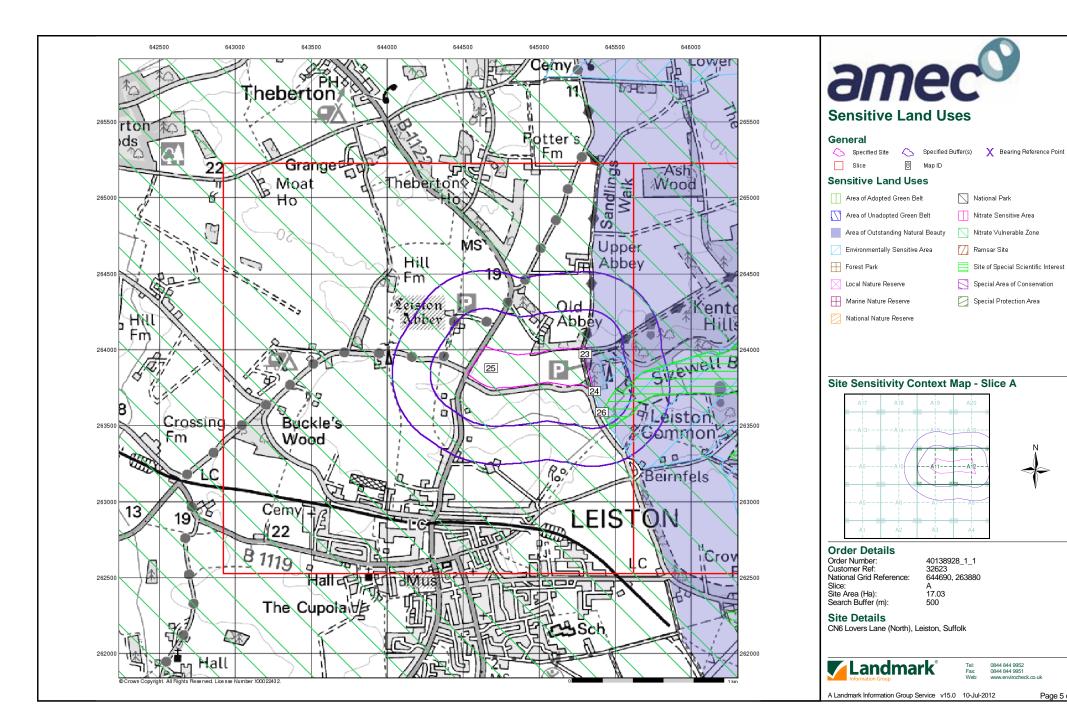












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## **Envirocheck® Report:**

#### **Datasheet**

#### **Order Details:**

Order Number: 40138928\_1\_1

# Customer Reference: 32623

# National Grid Reference: 644690, 263880

Slice:

Site Area (Ha):

17.03 Search Buffer (m):

500

#### Site Details:

CN6 Lovers Lane (North) Leiston Suffolk

#### **Client Details:**

Miss D Shankar AMEC Environment & Infrastructure UK Ltd Unit 1, Long Barn Village Road Nercwys Mold Flintshire CH7 4EW





Contents

| Report Section        | Page Number |
|-----------------------|-------------|
| Summary               | -           |
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| Waste                 | 13          |
| Hazardous Substances  | -           |
| Geological            | 15          |
| Industrial Land Use   | 21          |
| Sensitive Land Use    | 22          |
| Data Currency         | 23          |
| Data Suppliers        | 27          |
| Useful Contacts       | 28          |

#### 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 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 the attached 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 v47.0



#### Summary

| Data Type   | Page<br>Number | On Site | 0 to 250m | 251 to 500m<br>(*up to 1000m) |
|---|----------------|---------|-----------|-------------------------------|
| Agency & Hydrological   |                |         |           |                               |
| Contaminated Land Register Entries and Notices                |                |         |           |                               |
| Discharge Consents  | pg 1           | 1       | 1         | 17                            |
| 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           |         | 2         | 5                             |
| Prosecutions Relating to Authorised Processes                 |                |         |           |                               |
| Prosecutions Relating to Controlled Waters                    |                |         |           |                               |
| Registered Radioactive Substances                             |                |         |           |                               |
| River Quality   | pg 7           |         |           | 1                             |
| River Quality Biology Sampling Points                         |                |         |           |                               |
| River Quality Chemistry Sampling Points                       |                |         |           |                               |
| Substantiated Pollution Incident Register                     |                |         |           |                               |
| Water Abstractions  | pg 7           | 1       | 1         | 4 (*5)                        |
| Water Industry Act Referrals                                  |                |         |           |                               |
| Groundwater Vulnerability                                     | pg 9           | Yes     | n/a       | n/a                           |
| Bedrock Aquifer Designations                                  | pg 9           | Yes     | n/a       | n/a                           |
| Superficial Aquifer Designations                              | pg 9           | Yes     | n/a       | n/a                           |
| Source Protection Zones                                       | pg 10          |         |           | 1                             |
| Extreme Flooding from Rivers or Sea without Defences          | pg 10          |         | Yes       | n/a                           |
| Flooding from Rivers or Sea without Defences                  | pg 11          |         | Yes       | n/a                           |
| Areas Benefiting from Flood Defences                          |                |         |           | n/a                           |
| Flood Water Storage Areas                                     |                |         |           | n/a                           |
| Flood Defences  |                |         |           | n/a                           |
| Waste   |                |         |           |                               |
| BGS Recorded Landfill Sites                                   |                |         |           |                               |
| Historical Landfill Sites                                     | pg 13          | 1       |           | 1                             |
| Integrated Pollution Control Registered Waste Sites           |                |         |           |                               |
| Licensed Waste Management Facilities (Landfill Boundaries)    | pg 13          |         |           | 1                             |
| Licensed Waste Management Facilities (Locations)              | pg 13          |         |           | 1                             |
| Local Authority Recorded Landfill Sites                       |                |         |           |                               |
| Registered Landfill Sites                                     |                |         |           |                               |
| Registered Waste Transfer Sites                               | pg 14          |         |           | 2                             |
| Registered Waste Treatment or Disposal Sites                  |                |         |           |                               |



#### Summary

| Data Type   | Page<br>Number | On Site | 0 to 250m | 251 to 500m<br>(*up to 1000m) |
|---|----------------|---------|-----------|-------------------------------|
| 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 15          | Yes     | n/a       | n/a                           |
| BGS Estimated Soil Chemistry  | pg 15          | Yes     | Yes       | Yes                           |
| BGS Recorded Mineral Sites  |                |         |           |                               |
| BGS Urban Soil Chemistry  |                |         |           |                               |
| BGS Urban Soil Chemistry Averages                                   |                |         |           |                               |
| Brine Compensation Area   |                |         | n/a       | n/a                           |
| Coal Mining Affected Areas  |                |         | n/a       | n/a                           |
| Mining Instability  |                |         | n/a       | n/a                           |
| Man-Made Mining Cavities  |                |         |           |                               |
| Natural Cavities  |                |         |           |                               |
| Non Coal Mining Areas of Great Britain                              |                |         |           | n/a                           |
| Potential for Collapsible Ground Stability Hazards                  | pg 18          | Yes     |           | n/a                           |
| Potential for Compressible Ground Stability Hazards                 | pg 19          |         | Yes       | n/a                           |
| Potential for Ground Dissolution Stability Hazards                  |                |         |           | n/a                           |
| Potential for Landslide Ground Stability Hazards                    | pg 19          | Yes     |           | n/a                           |
| Potential for Running Sand Ground Stability Hazards                 | pg 19          | Yes     | Yes       | n/a                           |
| Potential for Shrinking or Swelling Clay Ground Stability Hazards   | pg 19          | Yes     | Yes       | n/a                           |
| Radon Potential - Radon Affected Areas                              |                |         | n/a       | n/a                           |
| Radon Potential - Radon Protection Measures                         |                |         | n/a       | n/a                           |
| Industrial Land Use   |                |         |           |                               |
| Contemporary Trade Directory Entries                                | pg 21          |         |           | (*6)                          |
| Fuel Station Entries  |                |         |           |                               |



#### Summary

| Data Type                            | Page<br>Number | On Site | 0 to 250m | 251 to 500m<br>(*up to 1000m) |
|--------------------------------------|----------------|---------|-----------|-------------------------------|
| Sensitive Land Use                   |                |         |           |                               |
| Areas of Adopted Green Belt          |                |         |           |                               |
| Areas of Unadopted Green Belt        |                |         |           |                               |
| Areas of Outstanding Natural Beauty  | pg 22          | 1       |           |                               |
| Environmentally Sensitive Areas      | pg 22          |         | 1         |                               |
| Forest Parks                         |                |         |           |                               |
| Local Nature Reserves                |                |         |           |                               |
| Marine Nature Reserves               |                |         |           |                               |
| National Nature Reserves             |                |         |           |                               |
| National Parks                       |                |         |           |                               |
| Nitrate Sensitive Areas              |                |         |           |                               |
| Nitrate Vulnerable Zones             | pg 22          | 1       |           |                               |
| Ramsar Sites                         |                |         |           |                               |
| Sites of Special Scientific Interest | pg 22          |         | 1         |                               |
| Special Areas of Conservation        |                |         |           |                               |
| Special Protection Areas             |                |         |           |                               |



| Map<br>ID |  | Details   | Quadrant<br>Reference<br>(Compass<br>Direction) | Estimated<br>Distance<br>From Site | Contact | NGR              |
|-----------|--|---|---|------------------------------------|---------|------------------|
| 1         | Discharge Consents<br>Operator:<br>Property Type:<br>Location:<br>Authority:<br>Catchment Area:<br>Reference:<br>Permit Version:<br>Effective Date:<br>Issued Date:<br>Revocation Date:<br>Discharge Type:<br>Discharge<br>Environment:<br>Receiving Water:<br>Status:<br>Positional Accuracy: | s<br>J R Poll<br>Arable Farming<br>Abbey Lodge, Leiston, Suffolk, Ip16 4rf<br>Environment Agency, Anglian Region<br>Catchment 29 Unknown Detail<br>Gwelf50306<br>1<br>1st April 1999<br>12th July 2000<br>Not Supplied<br>Trade Discharge - Agricultural And Surface<br>Onto Land<br>Groundwater<br>Deemed Groundwater Regulations Authorisation<br>Located by supplier to within 10m   | A12SW<br>(E)                                    | 0                                  | 1       | 645170<br>263770 |
| 2         | Discharge Consent:<br>Operator:<br>Property Type:<br>Location:<br>Authority:<br>Catchment Area:<br>Reference:<br>Permit Version:<br>Effective Date:<br>Issued Date:<br>Revocation Date:<br>Discharge Type:<br>Discharge<br>Environment:<br>Receiving Water:<br>Status:<br>Positional Accuracy: | s<br>Suffolk Water Company<br>Undefined Or Other<br>Crag Bore, Leiston Stream, Leiston Common<br>Environment Agency, Anglian Region<br>Not Supplied<br>Prenf03436<br>1<br>23rd August 1990<br>23rd August 1990<br>23rd August 1990<br>12th July 1992<br>Trade Effluent<br>Freshwater Stream/River<br>Leiston Beck<br>Post National Rivers Authority Legislation where issue date > 31/08/1989<br>Located by supplier to within 10m  | A12SE<br>(E)                                    | 165                                | 1       | 645430<br>263590 |
| 3         | Discharge Consent:<br>Operator:<br>Property Type:<br>Location:<br>Authority:<br>Catchment Area:<br>Reference:<br>Permit Version:<br>Effective Date:<br>Issued Date:<br>Revocation Date:<br>Discharge Type:<br>Discharge<br>Environment:<br>Receiving Water:<br>Status:<br>Positional Accuracy: | s<br>Northumbrian Water Limited<br>Undefined Or Other<br>Crag Bore, Leiston Common, Suffolk<br>Environment Agency, Anglian Region<br>Minsmere River (Leiston)<br>Prenf03436<br>2<br>13th July 1992<br>13th July 1992<br>21st October 1994<br>Trade Discharges - Process Effluent - Water Company (Wtw)<br>Freshwater Stream/River<br>Leiston Brook<br><b>Post National Rivers Authority Legislation where issue date &gt; 31/08/1989</b><br>Located by supplier to within 10m | A8NE<br>(SE)                                    | 257                                | 1       | 645430<br>263490 |
| 3         | Discharge Consent:<br>Operator:<br>Property Type:<br>Location:<br>Authority:<br>Catchment Area:<br>Reference:<br>Permit Version:<br>Effective Date:<br>Issued Date:<br>Revocation Date:<br>Discharge Type:<br>Discharge<br>Environment:<br>Receiving Water:<br>Status:<br>Positional Accuracy: | s<br>Suffolk Water Company<br>Undefined Or Other<br>Crag Bore, Leiston Common, Suffolk<br>Environment Agency, Anglian Region<br>Minsmere River (Leiston)<br>Prenf03436<br>2<br>13th July 1992<br>13th July 1992<br>Not Supplied<br>Trade Effluent<br>Freshwater Stream/River<br>Leiston Brook<br>Post National Rivers Authority Legislation where issue date > 31/08/1989<br>Located by supplier to within 10m  | A8NE<br>(SE)                                    | 257                                | 1       | 645430<br>263490 |



| Map<br>ID |   | Details   | Quadrant<br>Reference<br>(Compass<br>Direction) | Estimated<br>Distance<br>From Site | Contact | NGR              |
|-----------|---|---|---|------------------------------------|---------|------------------|
|           | Discharge Consent   | S   |   |                                    |         |                  |
| 4         | Operator:<br>Property Type:<br>Location:<br>Authority:<br>Catchment Area:<br>Reference:<br>Permit Version:<br>Effective Date:<br>Issued Date:<br>Revocation Date:<br>Discharge Type:<br>Discharge<br>Environment:<br>Receiving Water:<br><b>Status:</b><br>Positional Accuracy:               | Anglian Water Services Limited<br>Sewage Disposal Works - Water Company<br>Leiston Sewage Treatment Works, Leiston, Suffolk<br>Environment Agency, Anglian Region<br>Minsmere River (Leiston)<br>Asenf1122<br>8<br>9th March 2010<br>9th March 2010<br>30th March 2015<br>Sewage Discharges - Final/Treated Effluent - Water Company<br>Freshwater Stream/River<br>Leiston Beck Nt<br>Modified (Water Resources Act 1991, Schedule 10 as amended by<br>Environment Act 1995)<br>Located by supplier to within 10m   | A8NW<br>(SE)                                    | 440                                | 1       | 645230<br>263310 |
|           | Discharge Consent   | s   |   |                                    |         | 7                |
| 4         | Operator:<br>Property Type:<br>Location:<br>Authority:<br>Catchment Area:<br>Reference:<br>Permit Version:<br>Effective Date:<br>Issued Date:<br>Revocation Date:<br>Discharge Type:<br>Discharge<br>Environment:<br>Receiving Water:<br>Status:  | Anglian Water Services Limited<br>Sewage Disposal Works - Water Company<br>Leiston Sewage Treatment Works, Leiston, Suffolk<br>Environment Agency, Anglian Region<br>Minsmere River (Leiston)<br>Asenf1122<br>9<br>31st March 2015<br>9th March 2015<br>9th March 2015<br>9th March 2010<br>Not Supplied<br>Sewage Discharges - Final/Treated Effluent - Water Company<br>Freshwater Stream/River<br>Leiston Beck Nt<br>Modified (Water Resources Act 1991, Schedule 10 as amended by<br>Environment Act 1995)      | A8NW<br>(SE)                                    | 440                                | 1       | 645230<br>263310 |
|           |   | Located by supplier to within 10m   |   |                                    |         |                  |
|           | Discharge Consent   | S   |   |                                    |         |                  |
| 4         | Operator:<br>Property Type:<br>Location:<br>Authority:<br>Catchment Area:<br>Reference:<br>Permit Version:<br>Effective Date:<br>Issued Date:<br>Revocation Date:<br>Discharge Type:<br>Discharge<br>Environment:<br>Receiving Water:<br>Status:<br>Positional Accuracy:<br>Discharge Consent | Anglian Water Services Limited<br>Sewage Disposal Works - Water Company<br>Leiston Sewage Treatment Works, Leiston, Suffolk<br>Environment Agency, Anglian Region<br>Minsmere River (Leiston)<br>Asenf1122<br>7<br>1st April 2009<br>14th October 2008<br>8th March 2010<br>Sewage Discharges - Final/Treated Effluent - Water Company<br>Freshwater Stream/River<br>Leiston Beck Nt<br>Modified (Water Resources Act 1991, Schedule 10 as amended by<br>Environment Act 1995)<br>Located by supplier to within 10m | A8NW<br>(SE)                                    | 440                                | 1       | 645230<br>263310 |
| 4         | Operator:   | s<br>Anglian Water Services Limited   | A8NW  | 440                                | 1       | 645230           |
|           | Property Type:<br>Location:<br>Authority:<br>Catchment Area:<br>Reference:<br>Permit Version:<br>Effective Date:<br>Issued Date:<br>Revocation Date:<br>Discharge Type:<br>Discharge<br>Environment:<br>Receiving Water:<br><b>Status:</b>  | Anginal Water Gerweis Linined<br>Sewage Disposal Works - Water Company<br>Leiston Sewage Treatment Works, Leiston, Suffolk<br>Environment Agency, Anglian Region<br>Minsmere River (Leiston)<br>Asenf1122<br>5<br>1st April 2005<br>10th June 2004<br>31st December 2005<br>Sewage Discharges - Final/Treated Effluent - Water Company<br>Freshwater Stream/River<br>Leiston Beck Nt<br>Modified (Water Resources Act 1991, Schedule 10 as amended by<br>Environment Act 1995)<br>Located by supplier to within 10m | (SE)  |                                    |         | 263310           |



| Map<br>ID |   | Details  | Quadrant<br>Reference<br>(Compass<br>Direction) | Estimated<br>Distance<br>From Site | Contact | NGR              |
|-----------|---|--|---|------------------------------------|---------|------------------|
|           | Discharge Consent   | S  |   |                                    |         |                  |
| 4         | Operator:<br>Property Type:<br>Location:<br>Authority:<br>Catchment Area:<br>Reference:<br>Permit Version:<br>Effective Date:<br>Issued Date:<br>Revocation Date:<br>Discharge Type:<br>Discharge<br>Environment:<br>Receiving Water:<br><b>Status:</b><br>Positional Accuracy: | Anglian Water Services Limited<br>Sewage Disposal Works - Water Company<br>Leiston Sewage Treatment Works, Leiston, Suffolk<br>Environment Agency, Anglian Region<br>Minsmere River (Leiston)<br>Asenf1122<br>6<br>1st January 2006<br>10th June 2004<br>31st March 2009<br>Sewage Discharges - Final/Treated Effluent - Water Company<br>Freshwater Stream/River<br>Leiston Beck Nt<br>Modified (Water Resources Act 1991, Schedule 10 as amended by<br>Environment Act 1995)<br>Located by supplier to within 10m                      | A8NW<br>(SE)                                    | 440                                | 1       | 645230<br>263310 |
|           | Discharge Consent   | s  |   |                                    |         |                  |
| 4         | Operator:<br>Property Type:<br>Location:<br>Authority:<br>Catchment Area:<br>Reference:<br>Permit Version:<br>Effective Date:<br>Issued Date:<br>Revocation Date:<br>Discharge Type:<br>Discharge<br>Environment:<br>Receiving Water:<br><b>Status:</b>                         | Anglian Water Services Limited<br>Sewage Disposal Works - Water Company<br>Leiston Sewage Treatment Works, Leiston, Suffolk<br>Environment Agency, Anglian Region<br>Minsmere River (Leiston)<br>Asenf1122<br>8<br>9th March 2010<br>9th March 2010<br>30th March 2015<br>Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company<br>Freshwater Stream/River<br>Leiston Beck Nt<br>Modified (Water Resources Act 1991, Schedule 10 as amended by<br>Environment Act 1995)  | A8NW<br>(SE)                                    | 450                                | 1       | 645230<br>263300 |
|           | Positional Accuracy:  | Located by supplier to within 10m  |   |                                    |         |                  |
|           | Discharge Consent   | S  |   |                                    |         |                  |
| 4         | Operator:<br>Property Type:<br>Location:<br>Authority:<br>Catchment Area:<br>Reference:<br>Permit Version:<br>Effective Date:<br>Issued Date:<br>Revocation Date:<br>Discharge Type:<br>Discharge<br>Environment:<br>Receiving Water:<br><b>Status:</b>                         | Anglian Water Services Limited<br>Sewage Disposal Works - Water Company<br>Leiston Sewage Treatment Works, Leiston, Suffolk<br>Environment Agency, Anglian Region<br>Minsmere River (Leiston)<br>Asenf1122<br>9<br>31st March 2015<br>9th March 2015<br>9th March 2010<br>Not Supplied<br>Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company<br>Freshwater Stream/River<br>Leiston Beck Nt<br>Modified (Water Resources Act 1991, Schedule 10 as amended by<br>Environment Act 1995)<br>Located by supplier to within 10m | A8NW<br>(SE)                                    | 450                                | 1       | 645230<br>263300 |
| 4         | Operator:   | s<br>Anglian Water Services Limited  | A8NW  | 450                                | 1       | 645230           |
|           | Property Type:<br>Location:<br>Authority:<br>Catchment Area:<br>Reference:<br>Permit Version:<br>Effective Date:<br>Issued Date:<br>Revocation Date:<br>Discharge Type:<br>Discharge<br>Environment:<br>Receiving Water:<br><b>Status:</b>                                      | Anginal Water Services Linited<br>Sewage Disposal Works - Water Company<br>Leiston Sewage Treatment Works, Leiston, Suffolk<br>Environment Agency, Anglian Region<br>Minsmere River (Leiston)<br>Asenf1122<br>7<br>1st April 2009<br>14th October 2008<br>8th March 2010<br>Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company<br>Freshwater Stream/River<br>Leiston Beck Nt<br>Modified (Water Resources Act 1991, Schedule 10 as amended by<br>Environment Act 1995)<br>Located by supplier to within 10m               | (SE)  |                                    |         | 263300           |



| Map<br>ID |  | Details  | Quadrant<br>Reference<br>(Compass<br>Direction) | Estimated<br>Distance<br>From Site | Contact | NGR              |
|-----------|--|--|---|------------------------------------|---------|------------------|
| 4         | Discharge Consent:<br>Operator:<br>Property Type:<br>Location:<br>Authority:<br>Catchment Area:<br>Reference:<br>Permit Version:<br>Effective Date:<br>Issued Date:<br>Issued Date:<br>Discharge Type:<br>Discharge<br>Environment:<br>Receiving Water:<br>Status:                             | Anglian Water Services Limited<br>Sewage Disposal Works - Water Company<br>Leiston Sewage Treatment Works, Leiston, Suffolk<br>Environment Agency, Anglian Region<br>Minsmere River (Leiston)<br>Asenf1122<br>5<br>1st April 2005<br>10th June 2004<br>31st December 2005<br>Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company<br>Freshwater Stream/River<br>Leiston Beck Nt<br>Modified (Water Resources Act 1991, Schedule 10 as amended by<br>Environment Act 1995)   | A8NW<br>(SE)                                    | 450                                | 1       | 645230<br>263300 |
| 4         | Discharge Consent:<br>Operator:<br>Property Type:<br>Location:<br>Authority:<br>Catchment Area:<br>Reference:<br>Permit Version:<br>Effective Date:<br>Issued Date:<br>Revocation Date:<br>Discharge Type:<br>Discharge<br>Environment:<br>Receiving Water:<br>Status:                         | Located by supplier to within 10m<br>s<br>Anglian Water Services Limited<br>Sewage Disposal Works - Water Company<br>Leiston Sewage Treatment Works, Leiston, Suffolk<br>Environment Agency, Anglian Region<br>Minsmere River (Leiston)<br>Asenf1122<br>6<br>1st January 2006<br>10th June 2004<br>31st March 2009<br>Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company<br>Freshwater Stream/River<br>Leiston Beck Nt<br>Modified (Water Resources Act 1991, Schedule 10 as amended by<br>Environment Act 1995)<br>Located by supplier to within 10m | A8NW<br>(SE)                                    | 450                                | 1       | 645230<br>263300 |
| 4         | Discharge Consent:<br>Operator:<br>Property Type:<br>Location:<br>Authority:<br>Catchment Area:<br>Reference:<br>Permit Version:<br>Effective Date:<br>Issued Date:<br>Revocation Date:<br>Discharge Type:<br>Discharge<br>Environment:<br>Receiving Water:<br>Status:<br>Positional Accuracy: | s<br>Anglian Water Services Limited<br>Sewerage Network - Sewers - Water Company<br>11 Cso'S In Leiston, Leiston, Suffolk<br>Environment Agency, Anglian Region<br>River Ore / River Alde / River Fromus<br>Asenf16165<br>1<br>1st April 2005<br>27th May 2004<br>Not Supplied<br>Public Sewage: Storm Sewage Overflow<br>Freshwater Stream/River<br>Leiston Beck<br>New Consent (Water Industry Act 1991, Section 166)<br>Located by supplier to within 10m   | A8NW<br>(SE)                                    | 450                                | 1       | 645230<br>263300 |
| 4         | Discharge Consents<br>Operator:<br>Property Type:<br>Location:<br>Authority:<br>Catchment Area:<br>Reference:<br>Permit Version:<br>Effective Date:<br>Issued Date:<br>Revocation Date:<br>Discharge Type:<br>Discharge<br>Environment:<br>Receiving Water:<br>Status:<br>Positional Accuracy: | s<br>Anglian Water Services Limited<br>Sewage Disposal Works - Water Company<br>Leiston Sewage Treatment Works, Leiston, Suffolk<br>Environment Agency, Anglian Region<br>Minsmere River (Leiston)<br>Asenf1122<br>4<br>1st April 2002<br>31st March 2000<br>31st March 2005<br>Sewage Discharges - Final/Treated Effluent - Water Company<br>Freshwater Stream/River<br>Leiston Beck Nt<br>Modified (Water Resources Act 1991, Schedule 10 as amended by<br>Environment Act 1995)<br>Located by supplier to within 10m  | A8NW<br>(SE)                                    | 475                                | 1       | 645210<br>263280 |



| Map<br>ID |   | Details   | Quadrant<br>Reference<br>(Compass<br>Direction) | Estimated<br>Distance<br>From Site | Contact | NGR              |
|-----------|---|---|---|------------------------------------|---------|------------------|
| 4         | Discharge Consents<br>Operator:<br>Property Type:<br>Location:<br>Authority:<br>Catchment Area:<br>Reference:<br>Permit Version:<br>Effective Date:<br>Issued Date:<br>Revocation Date:<br>Discharge Type:<br>Discharge<br>Environment:<br>Receiving Water:<br>Status:<br>Positional Accuracy:                    | s<br>Anglian Water Services Limited<br>Sewage Disposal Works - Water Company<br>Leiston Sewage Treatment Works, Leiston, Suffolk<br>Environment Agency, Anglian Region<br>Minsmere River (Leiston)<br>Asenf1122<br>2<br>1st December 1991<br>16th November 1989<br>31st May 1992<br>Sewage Discharges - Final/Treated Effluent - Water Company<br>Freshwater Stream/River<br>Leiston Beck Nt<br><b>Post National Rivers Authority Legislation where issue date &gt; 31/08/1989</b><br>Located by supplier to within 10m | A8NW<br>(SE)                                    | 475                                | 1       | 645210<br>263280 |
| 4         | Discharge Consents<br>Operator:<br>Property Type:<br>Location:<br>Authority:<br>Catchment Area:<br>Reference:<br>Permit Version:<br>Effective Date:<br>Issued Date:<br>Revocation Date:<br>Discharge Type:<br>Discharge Type:<br>Discharge<br>Environment:<br>Receiving Water:<br>Status:<br>Positional Accuracy: | s<br>Anglian Water Services Limited<br>Sewage Disposal Works - Water Company<br>Leiston Sewage Treatment Works, Leiston, Suffolk<br>Environment Agency, Anglian Region<br>Minsmere River (Leiston)<br>Asenf1122<br>3<br>1st June 1992<br>16th November 1989<br>31st March 2002<br>Sewage Discharges - Final/Treated Effluent - Water Company<br>Freshwater Stream/River<br>Leiston Beck Nt<br>Post National Rivers Authority Legislation where issue date > 31/08/1989<br>Located by supplier to within 10m             | A8NW<br>(SE)                                    | 475                                | 1       | 645210<br>263280 |
| 4         | Discharge Consents<br>Operator:<br>Property Type:<br>Location:<br>Authority:<br>Catchment Area:<br>Reference:<br>Permit Version:<br>Effective Date:<br>Issued Date:<br>Revocation Date:<br>Discharge<br>Environment:<br>Receiving Water:<br>Status:<br>Positional Accuracy:                                       | s<br>Anglian Water Services Limited<br>Sewage Disposal Works - Water Company<br>Leiston Sewage Treatment Works, Leiston, Suffolk<br>Environment Agency, Anglian Region<br>Minsmere River (Leiston)<br>Asenf1122<br>1<br>16th November 1989<br>16th November 1989<br>30th November 1991<br>Sewage Discharges - Final/Treated Effluent - Water Company<br>Freshwater Stream/River<br>Leiston Beck Nt<br>Post National Rivers Authority Legislation where issue date > 31/08/1989<br>Located by supplier to within 10m     | A8NW<br>(SE)                                    | 475                                | 1       | 645210<br>263280 |
|           | Nearest Surface Wa  | ter Feature   | A12SW<br>(E)                                    | 10                                 | -       | 645261<br>263755 |
| 5         | Property Type:<br>Location:<br>Authority:<br>Pollutant:<br>Note:<br>Incident Date:<br>Incident Reference:<br>Catchment Area:<br>Receiving Water:<br>Cause of Incident:<br>Incident Severity:  | to Controlled Waters<br>Not Given<br>Ipswich District<br>Environment Agency, Anglian Region<br>Unknown<br>Leiston Beck<br>31st March 1993<br>1656<br>Not Given<br>Freshwater Stream/River<br>Unknown<br>Category 3 - Minor Incident<br>Located by supplier to within 100m   | A8NE<br>(SE)                                    | 239                                | 1       | 645300<br>263500 |



| Map<br>ID |  | Details   | Quadrant<br>Reference<br>(Compass<br>Direction) | Estimated<br>Distance<br>From Site | Contact | NGR              |
|-----------|--|---|---|------------------------------------|---------|------------------|
| 6         | Property Type:<br>Location:<br>Authority:<br>Pollutant:<br>Note:<br>Incident Date:<br>Incident Reference:<br>Catchment Area:<br>Receiving Water:<br>Cause of Incident:<br>Incident Severity: | to Controlled Waters<br>Not Given<br>Ipswich District<br>Environment Agency, Anglian Region<br>Unknown<br>Leiston Beck<br>2nd March 1993<br>1635<br>Not Given<br>Freshwater Stream/River<br>Unknown<br>Category 3 - Minor Incident<br>Located by supplier to within 100m  | A8NE<br>(SE)                                    | 239                                | 1       | 645400<br>263500 |
| 7         | Property Type:<br>Location:<br>Authority:<br>Pollutant:<br>Note:<br>Incident Date:<br>Incident Reference:<br>Catchment Area:<br>Receiving Water:<br>Cause of Incident:<br>Incident Severity: | to Controlled Waters<br>Not Given<br>Ipswich District<br>Environment Agency, Anglian Region<br>Unknown<br>Leiston Beck<br>14th June 1993<br>1717<br>Not Given<br>Freshwater Stream/River<br>Unknown<br>Category 3 - Minor Incident<br>Located by supplier to within 100m  | A8NE<br>(SE)                                    | 338                                | 1       | 645400<br>263400 |
| 8         | Property Type:<br>Location:<br>Authority:<br>Pollutant:<br>Note:<br>Incident Date:<br>Incident Reference:<br>Catchment Area:<br>Receiving Water:<br>Cause of Incident:<br>Incident Severity: | to Controlled Waters<br>Not Given<br>Ipswich District<br>Environment Agency, Anglian Region<br>Unknown<br>Tributary Of Leiston Stream<br>20th October 1992<br>1520<br>Not Given<br>Freshwater Stream/River<br>Unknown<br>Category 2 - Significant Incident<br>Located by supplier to within 100m  | A7NE<br>(S)                                     | 347                                | 1       | 644700<br>263400 |
| 9         | Property Type:<br>Location:<br>Authority:<br>Pollutant:<br>Note:<br>Incident Date:<br>Incident Reference:<br>Catchment Area:<br>Receiving Water:<br>Cause of Incident:<br>Incident Severity: | to Controlled Waters<br>Water Company Sewage: Combined Sewer Overflow<br>Ipswich District<br>Environment Agency, Anglian Region<br>Sewage Debris/Litter<br>Tributary Minsmere River<br>7th May 1994<br>2003<br>Not Given<br>Freshwater Stream/River<br>Blocked Sewer<br>Category 2 - Significant Incident<br>Located by supplier to within 100m | A8NW<br>(SE)                                    | 361                                | 1       | 645200<br>263400 |
| 9         | Property Type:<br>Location:<br>Authority:<br>Pollutant:<br>Note:<br>Incident Date:<br>Incident Reference:<br>Catchment Area:<br>Receiving Water:<br>Cause of Incident:<br>Incident Severity: | to Controlled Waters<br>Water Company Sewage: Combined Sewer Overflow<br>Ipswich District<br>Environment Agency, Anglian Region<br>Sewage Debris/Litter<br>Tributary Of Minsmere River<br>31st May 1994<br>2007<br>Not Given<br>Freshwater Stream/River<br>Blocked Sewer<br>Category 3 - Minor Incident<br>Located by supplier to within 100m   | A8NW<br>(SE)                                    | 366                                | 1       | 645200<br>263395 |
| 10        | Property Type:<br>Location:<br>Authority:<br>Pollutant:<br>Note:<br>Incident Date:<br>Incident Reference:<br>Catchment Area:<br>Receiving Water:<br>Cause of Incident:<br>Incident Severity: | to Controlled Waters<br>Not Given<br>Ipswich District<br>Environment Agency, Anglian Region<br>Unknown<br>Tributary Of Leiston Beck<br>24th April 1992<br>1395<br>Not Given<br>Freshwater Stream/River<br>Unknown<br>Category 2 - Significant Incident<br>Located by supplier to within 100m  | A7NE<br>(S)                                     | 452                                | 1       | 644800<br>263300 |



| Map<br>ID |  | Details  | Quadrant<br>Reference<br>(Compass<br>Direction) | Estimated<br>Distance<br>From Site | Contact | NGR              |
|-----------|--|--|---|------------------------------------|---------|------------------|
|           | River Quality<br>Name:<br>GQA Grade:<br>Reach:<br>Estimated Distance<br>(km):<br>Flow Rate:<br>Flow Type:<br>Year:   | Leiston Bk<br>River Quality F<br>LeistonMinsmere Sluice<br>4.5<br>Flow less than 0.31 cumecs<br>River<br>2000  | A10SE<br>(W)                                    | 313                                | 1       | 644221<br>263861 |
| 11        | Water Abstractions<br>Operator:<br>Licence Number:<br>Permit Version:<br>Location:<br>Authority:<br>Abstraction Type:<br>Source:<br>Daily Rate (m3):<br>Yearly Rate (m3):<br>Details:<br>Authorised Start:<br>Authorised Start:<br>Authorised End:<br>Permit Start Date:<br>Positional Accuracy:                       | Mr J R Poll<br>7/35/03/**/051<br>Not Supplied<br>Bore Near Leiston Old Abbey, LEISTON<br>Environment Agency, Anglian Region<br>Spray Irrigation<br>Not Supplied<br>Stream<br>23<br>50000<br>Status: Perpetuity<br>Not Supplied<br>Not Supplied<br>Not Supplied<br>Not Supplied<br>Not Supplied<br>Located by supplier to within 10m  | A12SW<br>(E)                                    | 0                                  | 1       | 645190<br>263765 |
| 12        | Water Abstractions<br>Operator:<br>Licence Number:<br>Permit Version:<br>Location:<br>Authority:<br>Abstraction Type:<br>Source:<br>Daily Rate (m3):<br>Yearly Rate (m3):<br>Details:<br>Authorised Start:<br>Authorised Start:<br>Authorised Start:<br>Permit Start Date:<br>Permit End Date:<br>Positional Accuracy: | Mr J R Poll<br>7/35/03/*S/0051<br>100<br>Spr Fed Drain At Sizewell Belt<br>Environment Agency, Anglian Region<br>General Agriculture: Spray Irrigation - Direct<br>Water may be abstracted from a single point<br>Surface<br>Not Supplied<br>Not Supplied<br>Status: Perpetuity<br>01 May<br>30 September<br>1st April 1996<br>Not Supplied<br>Located by supplier to within 10m               | A12SE<br>(E)                                    | 244                                | 1       | 645600<br>263770 |
| 13        | Water Abstractions<br>Operator:<br>Licence Number:<br>Permit Version:<br>Location:<br>Authority:<br>Abstraction Type:<br>Source:<br>Daily Rate (m3):<br>Yearly Rate (m3):<br>Details:<br>Authorised Start:<br>Authorised Start:<br>Authorised End:<br>Permit Start Date:<br>Positional Accuracy:                       | Mr J R Poll<br>7/35/03/*G/0051<br>100<br>Bore Nr Leiston Old Abbey,Leis<br>Environment Agency, Anglian Region<br>General Farming And Domestic<br>Water may be abstracted from a single point<br>Groundwater<br>Not Supplied<br>Not Supplied<br>Glacial Sand and Gravel; Status: Perpetuity<br>01 January<br>31 December<br>1st April 1996<br>Not Supplied<br>Located by supplier to within 10m | A16SW<br>(NE)                                   | 256                                | 1       | 645050<br>264250 |
| 14        | Water Abstractions<br>Operator:<br>Licence Number:<br>Permit Version:<br>Location:<br>Authority:<br>Abstraction Type:<br>Source:<br>Daily Rate (m3):<br>Yearly Rate (m3):<br>Details:<br>Authorised Start:<br>Authorised Start:<br>Authorised End:<br>Permit Start Date:<br>Positional Accuracy:                       | F Barker & Co<br>7/35/03/**/049<br>Not Supplied<br>North East Of Brick Works Farm<br>Environment Agency, Anglian Region<br>Spray Irrigation<br>Not Supplied<br>Stream<br>15<br>300000<br>Status: Perpetuity<br>Not Supplied<br>Not Supplied<br>Not Supplied<br>Not Supplied<br>Located by supplier to within 10m   | A8NW<br>(SE)                                    | 271                                | 1       | 645150<br>263495 |



| Map<br>ID |  | Details  | Quadrant<br>Reference<br>(Compass<br>Direction) | Estimated<br>Distance<br>From Site | Contact | NGR              |
|-----------|--|--|---|------------------------------------|---------|------------------|
|           | Water Abstractions   |  |   |                                    |         |                  |
| 15        | Operator:<br>Licence Number:<br>Permit Version:<br>Location:<br>Authority:<br>Abstraction Type:<br>Source:<br>Daily Rate (m3):<br>Yearly Rate (m3):<br>Details:<br>Authorised Start:<br>Authorised Start:<br>Authorised End:<br>Permit Start Date:<br>Positional Accuracy: | F Barker & Co<br>7/35/03/*G/0049<br>100<br>15 Wellpts Ne Of Brick Wks Fm<br>Environment Agency, Anglian Region<br>General Agriculture: Spray Irrigation - Direct<br>Water may be abstracted from a single point<br>Groundwater<br>Not Supplied<br>Olacial Sand and Gravel; Status: Perpetuity<br>01 April<br>30 September<br>1st December 1993<br>Not Supplied<br>Located by supplier to within 10m    | A8NW<br>(SE)                                    | 275                                | 1       | 645100<br>263500 |
|           | Water Abstractions   |  |   |                                    |         |                  |
| 16        | -  | Essex And Suffolk Water Plc<br>7/35/03/*g/044<br>Not Supplied<br>Bore , Coldfair Green, KNODISH<br>Environment Agency, Anglian Region<br>Public Water Supply<br>Not Supplied<br>Well And Borehole<br>241<br>909000<br>Glacial Sand and Gravel; Status: Perpetuity<br>Not Supplied<br>Not Supplied<br>Not Supplied<br>Not Supplied<br>Not Supplied<br>Not Supplied<br>Located by supplier to within 10m | A7NW<br>(S)                                     | 493                                | 1       | 644450<br>263310 |
|           | Water Abstractions   |  |   |                                    |         |                  |
|           | -  | British Energy Generation Ltd<br>7/35/03/*G/0045<br>101<br>Well At Upper Abbey Fm,Leiston<br>Environment Agency, Anglian Region<br>General Farming And Domestic<br>Water may be abstracted from a single point<br>Groundwater<br>Not Supplied<br>Not Supplied<br>Crag; Status: Perpetuity<br>01 January<br>31 December<br>31st December 1998<br>Not Supplied<br>Located by supplier to within 10m      | A16NE<br>(NE)                                   | 557                                | 1       | 645320<br>264570 |
|           | Water Abstractions<br>Operator:  | J & J Geater   | A6SE  | 713                                | 1       | 644200           |
|           | Licence Number:<br>Permit Version:<br>Location:<br>Authority:<br>Abstraction:<br>Abstraction Type:<br>Source:<br>Daily Rate (m3):<br>Yearly Rate (m3):<br>Details:<br>Authorised Start:<br>Authorised Start:<br>Authorised End:<br>Permit Start Date:<br>Permit End Date:  | 7/35/03/*G/0065<br>100<br>10 Wellpts N Of Westward Ho<br>Environment Agency, Anglian Region<br>General Agriculture: Spray Irrigation - Direct<br>Water may be abstracted from a single point<br>Groundwater<br>Not Supplied<br>Crag; Status: Perpetuity<br>01 March<br>30 September<br>1st January 1980<br>Not Supplied<br>Located by supplier to within 10m   | (SW)  |                                    |         | 263200           |



| Map<br>ID |                                       | Details   | Quadrant<br>Reference<br>(Compass<br>Direction) | Estimated<br>Distance<br>From Site | Contact | NGR    |
|-----------|---------------------------------------|---|---|------------------------------------|---------|--------|
|           | Water Abstractions                    |   |   |                                    |         |        |
|           | Operator:                             | L F Geater & Sons Ltd   | A8SW  | 808                                | 1       | 645100 |
|           | Licence Number:                       | 7/35/03/*g/024  | (SE)  | 000                                |         | 262960 |
|           | Permit Version:                       | Not Supplied  | (- )  |                                    |         |        |
|           | Location:                             | Bore At West End Nurseries, LEISTON   |   |                                    |         |        |
|           | Authority:                            | Environment Agency, Anglian Region  |   |                                    |         |        |
|           | Abstraction:<br>Abstraction Type:     | Spray Irrigation<br>Not Supplied  |   |                                    |         |        |
|           | Source:                               | Well And Borehole   |   |                                    |         |        |
|           | Daily Rate (m3):                      | 14  |   |                                    |         |        |
|           | Yearly Rate (m3):                     | 327000  |   |                                    |         |        |
|           | Details:<br>Authorised Start:         | Crag; Status: Revoked<br>Not Supplied   |   |                                    |         |        |
|           | Authorised End:                       | Not Supplied  |   |                                    |         |        |
|           | Permit Start Date:                    | Not Supplied  |   |                                    |         |        |
|           | Permit End Date:                      | Not Supplied  |   |                                    |         |        |
|           | Positional Accuracy:                  | Located by supplier to within 10m   |   |                                    |         |        |
|           | Water Abstractions                    |   |   |                                    |         |        |
|           | Operator:                             | L F Geater & Sons Ltd   | A6SE  | 859                                | 1       | 644060 |
|           | Licence Number:                       | 7/35/03/*g/025  | (SW)  | 000                                |         | 263120 |
|           | Permit Version:                       | Not Supplied  | (0.1.)  |                                    |         |        |
|           | Location:                             | Well At West End Nurseries, LEISTON   |   |                                    |         |        |
|           | Authority:<br>Abstraction:            | Environment Agency, Anglian Region  |   |                                    |         |        |
|           | Abstraction Type:                     | Spray Irrigation<br>Not Supplied  |   |                                    |         |        |
|           | Source:                               | Well And Borehole   |   |                                    |         |        |
|           | Daily Rate (m3):                      | 11  |   |                                    |         |        |
|           | Yearly Rate (m3):                     | 205000  |   |                                    |         |        |
|           | Details:                              | Crag; Status: Perpetuity  |   |                                    |         |        |
|           | Authorised Start:<br>Authorised End:  | Not Supplied<br>Not Supplied  |   |                                    |         |        |
|           | Permit Start Date:                    | Not Supplied  |   |                                    |         |        |
|           | Permit End Date:                      | Not Supplied  |   |                                    |         |        |
|           | Positional Accuracy:                  | Located by supplier to within 10m   |   |                                    |         |        |
|           | Water Abstractions                    |   |   |                                    |         |        |
|           | Operator:                             | L F Geater & Sons Ltd   | A6SE  | 910                                | 1       | 644000 |
|           | Licence Number:                       | 7/35/03/*G/0025   | (SW)  | 310                                | I       | 263100 |
|           | Permit Version:                       | 100   | (011)   |                                    |         | 200100 |
|           | Location:                             | Bore At West End Nurseries  |   |                                    |         |        |
|           | Authority:                            | Environment Agency, Anglian Region  |   |                                    |         |        |
|           | Abstraction:                          | General Agriculture: Spray Irrigation - Direct<br>Water may be abstracted from a single point |   |                                    |         |        |
|           | Abstraction Type:<br>Source:          | Groundwater   |   |                                    |         |        |
|           | Daily Rate (m3):                      | Not Supplied  |   |                                    |         |        |
|           | Yearly Rate (m3):                     | Not Supplied  |   |                                    |         |        |
|           | Details:                              | Crag; Status: Perpetuity  |   |                                    |         |        |
|           | Authorised Start:                     | 01 January  |   |                                    |         |        |
|           | Authorised End:<br>Permit Start Date: | 31 December<br>1st May 1993   |   |                                    |         |        |
|           | Permit End Date:                      | Not Supplied  |   |                                    |         |        |
|           | Positional Accuracy:                  | Located by supplier to within 10m   |   |                                    |         |        |
|           |                                       |   |   |                                    |         |        |
|           | Groundwater Vulne                     |   |   | -                                  |         |        |
|           | Soil Classification:                  | Soils of Intermediate Leaching Potential (I1) - Soils which can possibly                      | A11NE   | 0                                  | 1       | 644686 |
|           | Map Sheet:                            | transmit a wide range of pollutants<br>Sheet 33 East Suffolk                                  | (NW)  |                                    |         | 263879 |
|           | Scale:                                | 1:100,000   |   |                                    |         |        |
|           |                                       |   |   |                                    |         |        |
|           | Groundwater Vulne                     | -   |   |                                    |         |        |
|           | Soil Classification:                  | Soils of High Leaching Potential (H2) - Deep, permeable, coarse textured soils                |   | 0                                  | 1       | 644564 |
|           |                                       | which readily transmit a wide range of pollutants because of their rapid                      | (W)   |                                    |         | 263865 |
|           | Man Shoot                             | drainage and low attenuation potential<br>Sheet 33 East Suffolk                               |   |                                    |         |        |
|           | Map Sheet:<br>Scale:                  | Sheet 33 East Suffolk<br>1:100,000  |   |                                    |         |        |
|           |                                       | ···,··-   |   |                                    |         |        |
|           | Drift Deposits                        |   |   |                                    |         |        |
|           | Drift Deposit:                        | Low permeability drift deposits occuring at the surface and overlying Major and               |   | 0                                  | 1       | 644686 |
|           |                                       | Minor Aquifers are head, clay-with-flints, brickearth, peat, river terrace deposits           | ; (NW)  |                                    |         | 263879 |
|           | Map Sheet:                            | and marine and estuarine alluvium<br>Sheet 33 East Suffolk                                    |   |                                    |         |        |
|           | Scale:                                | 1:100,000   |   |                                    |         |        |
|           |                                       |   |   |                                    |         |        |
|           | Bedrock Aquifer De                    | -   |   |                                    |         |        |
|           | Aquifer Desination:                   | Principal Aquifer   | A11NE   | 0                                  | 2       | 644686 |
|           |                                       |   | (NW)  |                                    |         | 263879 |
|           | Bedrock Aquifer De                    | esignations   |   |                                    |         |        |
|           | Aquifer Desination:                   | Principal Aquifer   | A12NW   | 0                                  | 2       | 645003 |
| ļ         |                                       |   | (E)   |                                    |         | 263879 |
|           | Superficial Aquifer                   | Designations  |   |                                    |         |        |
|           | Aquifer Designation:                  | Unproductive Strata   | A11NE   | 0                                  | 2       | 644686 |
|           |                                       |   | (NW)  |                                    |         | 263879 |

A Landmark Information Group Service



| Map<br>ID | Details   | Quadrant<br>Reference<br>(Compass<br>Direction) | Estimated<br>Distance<br>From Site | Contact | NGR              |
|-----------|---|---|------------------------------------|---------|------------------|
|           | Superficial Aquifer Designations<br>Aquifer Designation: Secondary Aquifer - B  | A11NE<br>(W)                                    | 0                                  | 2       | 644656<br>263887 |
|           | Superficial Aquifer Designations<br>Aquifer Designation: Secondary Aquifer - A  | A12NW<br>(E)                                    | 0                                  | 2       | 645003<br>263879 |
|           | Superficial Aquifer Designations<br>Aquifer Designation: Secondary Aquifer - A  | A11SE<br>(W)                                    | 0                                  | 2       | 644649<br>263874 |
| 17        | Source Protection Zones         Name:       Bore Nr Leiston Old Abbey,Leis         Source:       Environment Agency, Head Office         Reference:       An429         Type:       Groundwater Source  | A16SW<br>(NE)                                   | 256                                | 1       | 645050<br>264250 |
|           | Extreme Flooding from Rivers or Sea without Defences           Type:         Extent of Extreme Flooding from Rivers or Sea without Defences           Flood Plain Type:         Tidal Models           Boundary Accuracy:         As Supplied         | A7NE<br>(SE)                                    | 129                                | 1       | 644833<br>263528 |
|           | 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       | A12SW<br>(SE)                                   | 185                                | 1       | 644985<br>263587 |
|           | 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       | A12SW<br>(SE)                                   | 185                                | 1       | 644987<br>263588 |
|           | 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 | A12SW<br>(SE)                                   | 185                                | 1       | 644985<br>263586 |
|           | 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       | A12SW<br>(SE)                                   | 186                                | 1       | 644969<br>263582 |
|           | 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       | A12SW<br>(SE)                                   | 187                                | 1       | 644949<br>263581 |
|           | 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       | A12SW<br>(SE)                                   | 187                                | 1       | 644998<br>263588 |
|           | 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       | A11SE<br>(SE)                                   | 196                                | 1       | 644915<br>263565 |
|           | 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       | A11SE<br>(SE)                                   | 201                                | 1       | 644909<br>263561 |
|           | 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       | A11SE<br>(SE)                                   | 202                                | 1       | 644901<br>263559 |
|           | 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       | A11SE<br>(SE)                                   | 205                                | 1       | 644897<br>263555 |
|           | 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 | A11SE<br>(SE)                                   | 206                                | 1       | 644896<br>263554 |
|           | 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       | A11SE<br>(SE)                                   | 208                                | 1       | 644881<br>263549 |



| Map<br>ID | Details  | Quadrant<br>Reference<br>(Compass<br>Direction) | Estimated<br>Distance<br>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 | A11SE<br>(SE)                                   | 213                                | 1       | 644869<br>263543 |
|           | 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 | A7NE<br>(S)                                     | 241                                | 1       | 644837<br>263511 |
|           | Flooding from Rivers or Sea without Defences   |   |                                    |         |                  |
|           | Type:       Extent of Flooding from Rivers or Sea without Defences         Flood Plain Type:       Tidal Models         Boundary Accuracy:       As Supplied                     | A12SW<br>(SE)                                   | 132                                | 1       | 645003<br>263586 |
|           | Flooding from Rivers or Sea without Defences   |   |                                    |         |                  |
|           | Type: Extent of Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Tidal Models<br>Boundary Accuracy: As Supplied   | A12SW<br>(SE)                                   | 185                                | 1       | 644986<br>263588 |
|           | 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                   | A12SW<br>(SE)                                   | 185                                | 1       | 644985<br>263587 |
|           | Flooding from Rivers or Sea without Defences   |   |                                    |         |                  |
|           | Type: Extent of Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied   | A12SW<br>(SE)                                   | 185                                | 1       | 644987<br>263588 |
|           | Flooding from Rivers or Sea without Defences   |   |                                    |         |                  |
|           | Type: Extent of Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial/Tidal Models<br>Boundary Accuracy: As Supplied   | A11SE<br>(SE)                                   | 185                                | 1       | 644868<br>263541 |
|           | Flooding from Rivers or Sea without Defences   |   |                                    |         |                  |
|           | Type: Extent of Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Tidal Models<br>Boundary Accuracy: As Supplied   | A12SW<br>(SE)                                   | 186                                | 1       | 644991<br>263588 |
|           | 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                   | A12SW<br>(SE)                                   | 186                                | 1       | 644967<br>263581 |
|           | Flooding from Rivers or Sea without Defences   |   |                                    |         |                  |
|           | Type: Extent of Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Tidal Models<br>Boundary Accuracy: As Supplied   | A12SW<br>(SE)                                   | 187                                | 1       | 644984<br>263585 |
|           | Flooding from Rivers or Sea without Defences   |   |                                    |         |                  |
|           | Type: Extent of Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied   | A12SW<br>(SE)                                   | 187                                | 1       | 644998<br>263588 |
|           | Flooding from Rivers or Sea without Defences   |   |                                    |         |                  |
|           | Type: Extent of Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied   | A12SW<br>(SE)                                   | 187                                | 1       | 644949<br>263581 |
|           | Flooding from Rivers or Sea without Defences   |   |                                    |         |                  |
|           | Type: Extent of Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Tidal Models<br>Boundary Accuracy: As Supplied   | A12SW<br>(SE)                                   | 191                                | 1       | 644959<br>263578 |
|           | Flooding from Rivers or Sea without Defences   |   |                                    |         |                  |
|           | Type: Extent of Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Tidal Models<br>Boundary Accuracy: As Supplied   | A11SE<br>(SE)                                   | 195                                | 1       | 644933<br>263568 |
|           | 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         | A11SE<br>(SE)                                   | 196                                | 1       | 644909<br>263561 |
|           | Flooding from Rivers or Sea without Defences   |   |                                    |         |                  |
|           | Type: Extent of Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied   | A11SE<br>(SE)                                   | 202                                | 1       | 644901<br>263559 |



| Map<br>ID | Details  | Quadrant<br>Reference<br>(Compass<br>Direction) | Estimated<br>Distance<br>From Site | Contact | NGR              |
|-----------|--|---|------------------------------------|---------|------------------|
|           | Flooding from Rivers or Sea without Defences   |   |                                    |         |                  |
|           | Type: Extent of Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Tidal Models<br>Boundary Accuracy: As Supplied                               | A11SE<br>(SE)                                   | 204                                | 1       | 644905<br>263558 |
|           | Flooding from Rivers or Sea without Defences   |   |                                    |         |                  |
|           | Type: Extent of Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Tidal Models<br>Boundary Accuracy: As Supplied                               | A11SE<br>(SE)                                   | 206                                | 1       | 644895<br>263554 |
|           | Flooding from Rivers or Sea without Defences   |   |                                    |         |                  |
|           | Type: Extent of Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied                             | A11SE<br>(SE)                                   | 207                                | 1       | 644881<br>263549 |
|           | Flooding from Rivers or Sea without Defences   |   |                                    |         |                  |
|           | Type: Extent of Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Tidal Models<br>Boundary Accuracy: As Supplied                               | A11SE<br>(SE)                                   | 212                                | 1       | 644877<br>263546 |
|           | 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 | A11SE<br>(SE)                                   | 213                                | 1       | 644869<br>263543 |
|           | Flooding from Rivers or Sea without Defences   |   |                                    |         |                  |
|           | Type: Extent of Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Tidal Models<br>Boundary Accuracy: As Supplied                               | A7NE<br>(SE)                                    | 216                                | 1       | 644851<br>263534 |
|           | 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 | A7NE<br>(SE)                                    | 222                                | 1       | 644857<br>263531 |
|           | Flooding from Rivers or Sea without Defences   |   |                                    |         |                  |
|           | Type: Extent of Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial/Tidal Models<br>Boundary Accuracy: As Supplied                       | A7NE<br>(SE)                                    | 224                                | 1       | 644857<br>263531 |
|           | Areas Benefiting from Flood Defences   |   |                                    |         |                  |
|           | None   |   |                                    |         |                  |
|           | Flood Water Storage Areas  |   |                                    |         |                  |
|           | None   |   |                                    |         |                  |
|           | Flood Defences   |   |                                    |         |                  |
|           | None   |   |                                    |         |                  |



#### Waste

| Map<br>ID |   | Details  | Quadrant<br>Reference<br>(Compass<br>Direction) | Estimated<br>Distance<br>From Site | Contact | NGR              |
|-----------|---|--|---|------------------------------------|---------|------------------|
| 18        | Historical Landfill S<br>Licence Holder:<br>Location:<br>Name:<br>Operator Location:<br>Boundary Accuracy:<br>Provider Reference:<br>First Input Date:<br>Last Input Date:<br>Specified Waste<br>Type:<br>EA Waste Ref:<br>Regis Ref:<br>WRC Ref:<br>BGS Ref:<br>Other Ref:                     | Not Supplied<br>Leiston<br>Abbey Pit<br>Not Supplied<br>As Supplied  | A12SW<br>(E)                                    | 0                                  | 1       | 645054<br>263844 |
| 19        | Historical Landfill S<br>Licence Holder:<br>Location:<br>Name:<br>Operator Location:<br>Boundary Accuracy:<br>Provider Reference:<br>First Input Date:<br>Last Input Date:<br>Last Input Date:<br>Specified Waste<br>Type:<br>EA Waste Ref:<br>Regis Ref:<br>WRC Ref:<br>BGS Ref:<br>Other Ref: | Michael John Taylor<br>Leiston, Suffolk<br>Aldhurst Farm<br>Not Supplied<br>As Supplied  | A7NE<br>(S)                                     | 458                                | 1       | 644917<br>263303 |
| 20        | Name:<br>Licence Number:<br>Location:<br>Licence Holder:<br>Authority:<br>Site Category:<br>Max Input Rate:<br>Licence Status:<br>Issued  | nagement Facilities (Landfill Boundaries)<br>Aldhurst Farm Pit<br>70716<br>Aldhurst Farm, Leiston, Suffolk<br>Michael John Taylor<br>Environment Agency - Anglian Region, Eastern Area<br>Landfills Taking Other Wastes (Construction, Demolition, Dredgings)<br>Large (Equal to or greater than 75,000 tonnes per year)<br>Inactive<br>4th June 1990<br>Positioned by the supplier<br>As Supplied   | A7NE<br>(S)                                     | 451                                | 1       | 644898<br>263308 |
| 21        | Licence Number:<br>Location:<br>Operator Name:<br>Operator Location:<br>Authority:<br>Site Category:<br>Licence Status:<br>Issued:<br>Last Modified:<br>Expires:<br>Suspended:<br>Revoked:<br>Surrendered:<br>IPPC Reference:   | nagement Facilities (Locations)<br>70780<br>C A Site, Lovers Lane, Leiston, Suffolk, IP16 4UJ<br>Waste Recycling Ltd<br>Not Supplied<br>Environment Agency - Anglian Region, Eastern Area<br>Household Waste Amenity Sites<br>Transferred<br>25th May 1994<br>Not Supplied<br>Not Supplied<br>Not Supplied<br>Not Supplied<br>Not Supplied<br>Not Supplied<br>Not Supplied<br>Not Supplied<br>Not Supplied<br>Located by supplier to within 100m | A8NE<br>(SE)                                    | 366                                | 1       | 645500<br>263400 |
|           | Local Authority Lan<br>Name:  | dfill Coverage<br>Suffolk County Council<br>- Has supplied landfill data   |   | 0                                  | 6       | 644686<br>263879 |
|           | Local Authority Lan<br>Name:  | dfill Coverage<br>Suffolk Coastal District Council<br>- Had landfill data but passed it to the relevant environment agency   |   | 0                                  | 7       | 644686<br>263879 |



#### Waste

| Map<br>ID |   | Details  | Quadrant<br>Reference<br>(Compass<br>Direction) | Estimated<br>Distance<br>From Site | Contact | NGR              |
|-----------|---|--|---|------------------------------------|---------|------------------|
| 22        | Registered Waste T<br>Licence Holder:<br>Licence Reference:<br>Site Location:<br>Operator Location:<br>Authority:<br>Site Category:<br>Max Input Rate:<br>Waste Source<br>Restrictions:<br>Licence Status:<br>Dated:<br>Preceded By<br>Licence:<br>Superseded By<br>Licence:<br>Positional Accuracy:<br>Boundary Quality:<br>Authorised Waste   | Suffolk Waste Disposal Co Ltd<br>SFK/TS/099/01<br>Lover'S Lane, Leiston, Suffolk<br>2 The Square, Martlesham Heath, IPSWICH, Suffolk, IP5 7SL<br>Environment Agency - Anglian Region, Eastern Area<br>Civic Amenity<br>Very Small (Less than 10,000 tonnes per year)<br>No known restriction on source of waste<br>Operational as far as is knownOperational<br>25th May 1994<br>15<br>Not Given<br>Manually positioned to the address or location<br>Not Supplied<br>Household Waste As S75 Epa '90<br>Max.Waste Permitted By Licence<br>All Forms Of Asbestos<br>Batteries | A8NE<br>(SE)                                    | 373                                | 1       | 645550<br>263420 |
| 22        | Registered Waste T<br>Licence Holder:<br>Licence Reference:<br>Site Location:<br>Operator Location:<br>Authority:<br>Site Category:<br>Max Input Rate:<br>Waste Source<br>Restrictions:<br>Licence Status:<br>Dated:<br>Preceded By<br>Licence:<br>Superseded By<br>Licence:<br>Superseded By<br>Licence:<br>Superseded By<br>Licence:<br>Superseded By<br>Licence:<br>Superseded By<br>Licence:<br>Soundary Quality:<br>Authorised Waste | Clinical Wastes<br>Gas Cylinders<br>Mineral Oils<br>Percussive/Explosive Waste<br>Sub'S Control. Radioactive Subs Act'60<br>Waste N.O.S.<br>ransfer Sites<br>Suffolk C.C.  | A8NE<br>(SE)                                    | 373                                | 1       | 645550<br>263420 |



| Map<br>ID |   | Details  | Quadrant<br>Reference<br>(Compass<br>Direction) | Estimated<br>Distance<br>From Site | Contact | NGR              |
|-----------|---|--|---|------------------------------------|---------|------------------|
|           | BGS 1:625,000 Solid   | d Geology  |   |                                    |         |                  |
|           | Description:  | Norwich Crag, Red Crag and Chillesford Clay  | A11NE<br>(NW)                                   | 0                                  | 2       | 644686<br>263879 |
|           | BGS Estimated Soil<br>Source:<br>Soil Sample Type:<br>Arsenic<br>Concentration:<br>Cadmium<br>Concentration:<br>Chromium<br>Concentration:<br>Lead Concentration:<br>Nickel                   | British Geological Survey, National Geoscience Information Service<br>Rural Soil<br><15 mg/kg<br><1.8 mg/kg<br>20 - 40 mg/kg                                     | A12NW<br>(E)                                    | 0                                  | 3       | 645000<br>263879 |
|           | Concentration:  |  |   |                                    |         |                  |
|           | BGS Estimated Soil<br>Source:<br>Soil Sample Type:<br>Arsenic<br>Concentration:<br>Cadmium<br>Concentration:<br>Chromium<br>Concentration:<br>Lead Concentration:<br>Nickel<br>Concentration: | British Geological Survey, National Geoscience Information Service<br>Rural Soil<br>15 - 25 mg/kg<br><1.8 mg/kg<br>90 - 120 mg/kg                                | A11NE<br>(N)                                    | 0                                  | 3       | 644686<br>264000 |
|           | BGS Estimated Soil  | Chemistry  |   |                                    |         |                  |
|           | Source:<br>Soil Sample Type:<br>Arsenic<br>Concentration:<br>Cadmium<br>Concentration:<br>Chromium<br>Concentration:<br>Lead Concentration:<br>Nickel<br>Concentration:                       | British Geological Survey, National Geoscience Information Service<br>Rural Soil<br><15 mg/kg<br><1.8 mg/kg<br>40 - 60 mg/kg                                     | A11NE<br>(N)                                    | 0                                  | 3       | 644692<br>264000 |
|           |   |  |   |                                    |         |                  |
|           | BGS Estimated Soil<br>Source:<br>Soil Sample Type:<br>Arsenic<br>Concentration:<br>Cadmium<br>Concentration:<br>Chromium<br>Concentration:<br>Lead Concentration:<br>Nickel<br>Concentration: | British Geological Survey, National Geoscience Information Service<br>Rural Soil<br><15 mg/kg<br><1.8 mg/kg<br>20 - 40 mg/kg                                     | A12NW<br>(E)                                    | 0                                  | 3       | 645000<br>264000 |
|           | BGS Estimated Soil  | Chemistry  |   |                                    |         |                  |
|           | Source:<br>Soil Sample Type:<br>Arsenic<br>Concentration:<br>Cadmium<br>Concentration:<br>Chromium<br>Concentration:<br>Lead Concentration:<br>Nickel<br>Concentration:                       | British Geological Survey, National Geoscience Information Service<br>Rural Soil<br>15 - 25 mg/kg<br><1.8 mg/kg<br>90 - 120 mg/kg<br><150 mg/kg<br>30 - 45 mg/kg | A11NE<br>(W)                                    | 0                                  | 3       | 644653<br>263887 |
|           | BGS Estimated Soil  | Chemistry  |   |                                    |         |                  |
|           | Source:<br>Soil Sample Type:<br>Arsenic<br>Concentration:<br>Cadmium<br>Concentration:<br>Chromium<br>Concentration:<br>Lead Concentration:<br>Nickel<br>Concentration:                       | British Geological Survey, National Geoscience Information Service<br>Rural Soil<br><15 mg/kg<br><1.8 mg/kg<br>40 - 60 mg/kg<br><150 mg/kg<br>15 - 30 mg/kg      | A11NE<br>(NW)                                   | 0                                  | 3       | 644686<br>263879 |



| Map<br>ID |   | Details   | Quadrant<br>Reference<br>(Compass<br>Direction) | Estimated<br>Distance<br>From Site | Contact | NGR              |
|-----------|---|---|---|------------------------------------|---------|------------------|
|           | BGS Estimated Soil  | Chemistry   |   |                                    |         |                  |
|           | Source:<br>Soil Sample Type:<br>Arsenic<br>Concentration: | British Geological Survey, National Geoscience Information Service<br>Rural Soil<br><15 mg/kg | A11SE<br>(W)                                    | 0                                  | 3       | 644646<br>263874 |
|           | Cadmium<br>Concentration:                                 | <1.8 mg/kg  |   |                                    |         |                  |
|           | Chromium<br>Concentration:<br>Lead Concentration:         |   |   |                                    |         |                  |
|           | Nickel<br>Concentration:                                  | <15 mg/kg   |   |                                    |         |                  |
|           | BGS Estimated Soil  | l Chemistry   |   |                                    |         |                  |
|           | Source:<br>Soil Sample Type:<br>Arsenic<br>Concentration: | British Geological Survey, National Geoscience Information Service<br>Rural Soil<br><15 mg/kg | A11SW<br>(W)                                    | 5                                  | 3       | 644528<br>263847 |
|           | Cadmium<br>Concentration:                                 | <1.8 mg/kg  |   |                                    |         |                  |
|           | Chromium<br>Concentration:<br>Lead Concentration:         | 20 - 40 mg/kg   |   |                                    |         |                  |
|           | Nickel<br>Concentration:                                  | <15 mg/kg   |   |                                    |         |                  |
|           | BGS Estimated Soil  | Chemistry   |   |                                    |         |                  |
|           | Source:<br>Soil Sample Type:<br>Arsenic<br>Concentration: | British Geological Survey, National Geoscience Information Service<br>Rural Soil<br><15 mg/kg | A12NE<br>(E)                                    | 17                                 | 3       | 645312<br>264035 |
|           | Cadmium<br>Concentration:                                 | <1.8 mg/kg  |   |                                    |         |                  |
|           | Chromium<br>Concentration:                                | 20 - 40 mg/kg   |   |                                    |         |                  |
|           | Lead Concentration:<br>Nickel<br>Concentration:           | <150 mg/kg<br><15 mg/kg   |   |                                    |         |                  |
|           | BGS Estimated Soil  | l Chemistry   |   |                                    |         |                  |
|           | Source:<br>Soil Sample Type:<br>Arsenic<br>Concentration: | British Geological Survey, National Geoscience Information Service<br>Rural Soil<br><15 mg/kg | A11NE<br>(NE)                                   | 21                                 | 3       | 644927<br>264000 |
|           | Cadmium<br>Concentration:                                 | <1.8 mg/kg  |   |                                    |         |                  |
|           | Chromium<br>Concentration:                                | 20 - 40 mg/kg   |   |                                    |         |                  |
|           | Lead Concentration:<br>Nickel<br>Concentration:           | <150 mg/kg<br><15 mg/kg   |   |                                    |         |                  |
| <u> </u>  | BGS Estimated Soil  | 1 Chomistry   |   |                                    |         |                  |
|           | Source:<br>Soil Sample Type:<br>Arsenic<br>Concentration: | British Geological Survey, National Geoscience Information Service<br>Rural Soil<br><15 mg/kg | A11NW<br>(NW)                                   | 22                                 | 3       | 644605<br>264000 |
|           | Cadmium<br>Concentration:<br>Chromium                     | <1.8 mg/kg<br>20 - 40 ma/kg   |   |                                    |         |                  |
|           | Concentration:<br>Lead Concentration:                     | <150 mg/kg  |   |                                    |         |                  |
|           | Nickel<br>Concentration:                                  | <15 mg/kg   |   |                                    |         |                  |
|           | BGS Estimated Soil  | Chemistry   |   |                                    |         |                  |
|           | Source:<br>Soil Sample Type:<br>Arsenic                   | British Geological Survey, National Geoscience Information Service<br>Rural Soil<br><15 mg/kg | A12SW<br>(SE)                                   | 48                                 | 3       | 645000<br>263637 |
|           | Concentration:<br>Cadmium<br>Concentration:               | <1.8 mg/kg  |   |                                    |         |                  |
|           | Chromium<br>Concentration:                                | 20 - 40 mg/kg   |   |                                    |         |                  |
|           | Lead Concentration:<br>Nickel<br>Concentration:           | <150 mg/kg<br><15 mg/kg   |   |                                    |         |                  |



| Map<br>ID |   | Details   | Quadrant<br>Reference<br>(Compass<br>Direction) | Estimated<br>Distance<br>From Site | Contact | NGR              |
|-----------|---|---|---|------------------------------------|---------|------------------|
|           | BGS Estimated Soil  | Chemistry   |   |                                    |         |                  |
|           | Source:<br>Soil Sample Type:<br>Arsenic<br>Concentration: | British Geological Survey, National Geoscience Information Service<br>Rural Soil<br><15 mg/kg     | A11SW<br>(SW)                                   | 118                                | 3       | 644522<br>263673 |
|           | Cadmium<br>Concentration:<br>Chromium<br>Concentration:   | <1.8 mg/kg<br>20 - 40 mg/kg   |   |                                    |         |                  |
|           | Lead Concentration:<br>Nickel<br>Concentration:           | <150 mg/kg<br><15 mg/kg   |   |                                    |         |                  |
|           | BGS Estimated Soil  | I Chemistry   |   |                                    |         |                  |
|           | Source:<br>Soil Sample Type:<br>Arsenic<br>Concentration: | British Geological Survey, National Geoscience Information Service<br>Rural Soil<br>15 - 25 mg/kg | A8NW<br>(SE)                                    | 167                                | 3       | 645000<br>263537 |
|           | Cadmium<br>Concentration:<br>Chromium                     | <1.8 mg/kg<br>20 - 40 mg/kg   |   |                                    |         |                  |
|           | Concentration:<br>Lead Concentration:                     | <150 mg/kg  |   |                                    |         |                  |
|           | Nickel<br>Concentration:                                  | <15 mg/kg   |   |                                    |         |                  |
|           | BGS Estimated Soil  | l Chemistry   |   |                                    |         |                  |
|           | Source:<br>Soil Sample Type:<br>Arsenic<br>Concentration: | British Geological Survey, National Geoscience Information Service<br>Rural Soil<br><15 mg/kg     | A12NW<br>(NE)                                   | 193                                | 3       | 645000<br>264185 |
|           | Cadmium<br>Concentration:                                 | <1.8 mg/kg  |   |                                    |         |                  |
|           | Chromium<br>Concentration:<br>Lead Concentration:         | 40 - 60 mg/kg   |   |                                    |         |                  |
|           | Nickel<br>Concentration:                                  | <15 mg/kg   |   |                                    |         |                  |
|           | BGS Estimated Soil  | Chemistry   |   |                                    |         |                  |
|           | Source:<br>Soil Sample Type:<br>Arsenic<br>Concentration: | British Geological Survey, National Geoscience Information Service<br>Rural Soil<br><15 mg/kg     | A11NW<br>(W)                                    | 203                                | 3       | 644389<br>264000 |
|           | Cadmium<br>Concentration:                                 | <1.8 mg/kg  |   |                                    |         |                  |
|           | Chromium<br>Concentration:<br>Lead Concentration:         | 40 - 60 mg/kg   |   |                                    |         |                  |
|           | Nickel<br>Concentration:                                  | 15 - 30 mg/kg   |   |                                    |         |                  |
|           | BGS Estimated Soil  | Chemistry   |   |                                    |         |                  |
|           | Source:<br>Soil Sample Type:<br>Arsenic<br>Concentration: | British Geological Survey, National Geoscience Information Service<br>Rural Soil<br>15 - 25 mg/kg | A7NE<br>(SE)                                    | 217                                | 3       | 644853<br>263525 |
|           | Cadmium<br>Concentration:<br>Chromium                     | <1.8 mg/kg<br>20 - 40 ma/kg   |   |                                    |         |                  |
|           | Concentration:<br>Lead Concentration:                     | <150 mg/kg  |   |                                    |         |                  |
|           | Nickel<br>Concentration:                                  | <15 mg/kg   |   |                                    |         |                  |
|           | BGS Estimated Soil  | Chemistry   |   |                                    |         |                  |
|           | Source:<br>Soil Sample Type:<br>Arsenic<br>Concentration: | British Geological Survey, National Geoscience Information Service<br>Rural Soil<br><15 mg/kg     | A8NW<br>(SE)                                    | 295                                | 3       | 645000<br>263468 |
|           | Cadmium<br>Concentration:                                 | <1.8 mg/kg  |   |                                    |         |                  |
|           | Chromium<br>Concentration:                                | 20 - 40 mg/kg   |   |                                    |         |                  |
|           | Lead Concentration:<br>Nickel<br>Concentration:           | <150 mg/kg<br><15 mg/kg   |   |                                    |         |                  |



| Map<br>ID |   | Details   | Quadrant<br>Reference<br>(Compass<br>Direction) | Estimated<br>Distance<br>From Site | Contact | NGR              |
|-----------|---|---|---|------------------------------------|---------|------------------|
|           | BGS Estimated Soil<br>Source:<br>Soil Sample Type:<br>Arsenic                                   | Chemistry<br>British Geological Survey, National Geoscience Information Service<br>Rural Soil<br><15 mg/kg              | A7NE<br>(S)                                     | 345                                | 3       | 644751<br>263404 |
|           | Concentration:<br>Cadmium<br>Concentration:<br>Chromium   | <1.8 mg/kg<br>40 - 60 mg/kg   |   |                                    |         |                  |
|           | Concentration:<br>Lead Concentration:<br>Nickel   |   |   |                                    |         |                  |
|           | Concentration:  |   |   |                                    |         |                  |
|           | BGS Estimated Soil<br>Source:<br>Soil Sample Type:<br>Arsenic<br>Concentration:<br>Cadmium      | British Geological Survey, National Geoscience Information Service<br>Rural Soil<br><15 mg/kg                           | A7NE<br>(S)                                     | 366                                | 3       | 644878<br>263378 |
|           | Concentration:<br>Chromium<br>Concentration:<br>Lead Concentration:<br>Nickel<br>Concentration: | 20 - 40 mg/kg<br><150 mg/kg<br><15 mg/kg  |   |                                    |         |                  |
|           | Concentration:  |   |   |                                    |         |                  |
|           | BGS Estimated Soil<br>Source:<br>Soil Sample Type:<br>Arsenic<br>Concentration:<br>Cadmium      | Chemistry<br>British Geological Survey, National Geoscience Information Service<br>Rural Soil<br><15 mg/kg              | A8NW<br>(SE)                                    | 372                                | 3       | 645000<br>263402 |
|           | Concentration:<br>Chromium<br>Concentration:  | 20 - 40 mg/kg   |   |                                    |         |                  |
|           | Lead Concentration:<br>Nickel<br>Concentration:   | <150 mg/kg<br><15 mg/kg   |   |                                    |         |                  |
|           | BGS Estimated Soil  | -   | A ON 114/                                       | 004                                |         | 045074           |
|           | Source:<br>Soil Sample Type:<br>Arsenic<br>Concentration:                                       | British Geological Survey, National Geoscience Information Service<br>Rural Soil<br><15 mg/kg                           | A8NW<br>(SE)                                    | 381                                | 3       | 645274<br>263212 |
|           | Cadmium<br>Concentration:   | <1.8 mg/kg  |   |                                    |         |                  |
|           | Chromium<br>Concentration:  | 20 - 40 mg/kg   |   |                                    |         |                  |
|           | Lead Concentration:<br>Nickel<br>Concentration:   | <150 mg/kg<br><15 mg/kg   |   |                                    |         |                  |
|           | BGS Estimated Soil  | Chemistry   |   |                                    |         |                  |
|           | Source:<br>Soil Sample Type:<br>Arsenic<br>Concentration:                                       | British Geological Survey, National Geoscience Information Service<br>Rural Soil<br><15 mg/kg                           | A7NW<br>(SW)                                    | 399                                | 3       | 644273<br>263534 |
|           | Cadmium<br>Concentration:   | <1.8 mg/kg  |   |                                    |         |                  |
|           | Chromium<br>Concentration:<br>Lead Concentration:<br>Nickel                                     | 40 - 60 mg/kg<br><150 mg/kg<br>15 - 30 mg/kg  |   |                                    |         |                  |
|           | Concentration:  | ······································  |   |                                    |         |                  |
|           | BGS Measured Urba<br>No data available  | an Soil Chemistry   |   |                                    |         |                  |
|           | BGS Urban Soil Che<br>No data available   | emistry Averages  |   |                                    |         |                  |
|           | Coal Mining Affecte<br>In an area that might  | d Areas<br>not be affected by coal mining   |   |                                    |         |                  |
|           | Non Coal Mining Ar  |   |   |                                    |         |                  |
|           | Potential for Collaps<br>Hazard Potential:<br>Source:   | <b>sible Ground Stability Hazards</b><br>Very Low<br>British Geological Survey, National Geoscience Information Service | A11NE<br>(NW)                                   | 0                                  | 2       | 644686<br>263879 |



| Map<br>ID | Details  | Quadrant<br>Reference<br>(Compass<br>Direction) | Estimated<br>Distance<br>From Site | Contact | NGR              |
|-----------|--|---|------------------------------------|---------|------------------|
|           | Potential for Collapsible Ground Stability Hazards           Hazard Potential:         Very Low           Source:         British Geological Survey, National Geoscience Information Service                 | A12NW<br>(E)                                    | 0                                  | 2       | 645003<br>263879 |
|           | Potential for Collapsible Ground Stability Hazards           Hazard Potential:         No Hazard           Source:         British Geological Survey, National Geoscience Information Service                | A8NW<br>(SE)                                    | 168                                | 2       | 645003<br>263538 |
|           | Potential for Collapsible Ground Stability Hazards           Hazard Potential:         No Hazard           Source:         British Geological Survey, National Geoscience Information Service                | A7NE<br>(SE)                                    | 216                                | 2       | 644856<br>263526 |
|           | Potential for Compressible Ground Stability Hazards           Hazard Potential:         No Hazard           Source:         British Geological Survey, National Geoscience Information Service               | A11NE<br>(NW)                                   | 0                                  | 2       | 644686<br>263879 |
|           | Potential for Compressible Ground Stability Hazards           Hazard Potential:         No Hazard           Source:         British Geological Survey, National Geoscience Information Service               | A12NW<br>(E)                                    | 0                                  | 2       | 645003<br>263879 |
|           | Potential for Compressible Ground Stability Hazards         Hazard Potential:       High         Source:       British Geological Survey, National Geoscience Information Service                            | A8NW<br>(SE)                                    | 168                                | 2       | 645003<br>263538 |
|           | Potential for Compressible Ground Stability Hazards           Hazard Potential:         High           Source:         British Geological Survey, National Geoscience Information Service                    | A7NE<br>(SE)                                    | 216                                | 2       | 644856<br>263526 |
|           | Potential for Ground Dissolution Stability Hazards No Hazard Potential for Landslide Ground Stability Hazards  |   |                                    |         |                  |
|           | Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service   | A11NE<br>(NW)                                   | 0                                  | 2       | 644686<br>263879 |
|           | Potential for Landslide Ground Stability Hazards           Hazard Potential:         Very Low           Source:         British Geological Survey, National Geoscience Information Service                   | A12NW<br>(E)                                    | 0                                  | 2       | 645003<br>263879 |
|           | Potential for Running Sand Ground Stability Hazards           Hazard Potential:         Very Low           Source:         British Geological Survey, National Geoscience Information Service                | A11NE<br>(NW)                                   | 0                                  | 2       | 644686<br>263879 |
|           | Potential for Running Sand Ground Stability Hazards           Hazard Potential:         Very Low           Source:         British Geological Survey, National Geoscience Information Service                | A12NW<br>(E)                                    | 0                                  | 2       | 645003<br>263879 |
|           | Potential for Running Sand Ground Stability Hazards           Hazard Potential:         No Hazard           Source:         British Geological Survey, National Geoscience Information Service               | A11NE<br>(W)                                    | 0                                  | 2       | 644656<br>263887 |
|           | Potential for Running Sand Ground Stability Hazards           Hazard Potential:         Low           Source:         British Geological Survey, National Geoscience Information Service                     | A11SW<br>(W)                                    | 2                                  | 2       | 644531<br>263848 |
|           | Potential for Running Sand Ground Stability Hazards           Hazard Potential:         Low           Source:         British Geological Survey, National Geoscience Information Service                     | A12SW<br>(SE)                                   | 20                                 | 2       | 645003<br>263638 |
|           | Potential for Running Sand Ground Stability Hazards           Hazard Potential:         No Hazard           Source:         British Geological Survey, National Geoscience Information Service               | A11SW<br>(SW)                                   | 117                                | 2       | 644525<br>263674 |
|           | Potential for Running Sand Ground Stability Hazards           Hazard Potential:         Very Low           Source:         British Geological Survey, National Geoscience Information Service                | A8NW<br>(SE)                                    | 168                                | 2       | 645003<br>263538 |
|           | Potential for Running Sand Ground Stability Hazards           Hazard Potential:         Very Low           Source:         British Geological Survey, National Geoscience Information Service                | A7NE<br>(SE)                                    | 216                                | 2       | 644856<br>263526 |
|           | Potential for Shrinking or Swelling Clay Ground Stability Hazards           Hazard Potential:         Low           Source:         British Geological Survey, National Geoscience Information Service       | A11NE<br>(NW)                                   | 0                                  | 2       | 644686<br>263879 |
|           | Potential for Shrinking or Swelling Clay Ground Stability Hazards           Hazard Potential:         No Hazard           Source:         British Geological Survey, National Geoscience Information Service | A11SE<br>(W)                                    | 0                                  | 2       | 644649<br>263874 |
|           | Potential for Shrinking or Swelling Clay Ground Stability Hazards           Hazard Potential:         No Hazard           Source:         British Geological Survey, National Geoscience Information Service | A12NW<br>(E)                                    | 0                                  | 2       | 645003<br>263879 |



| Map<br>ID |                              | Details  | Quadrant<br>Reference<br>(Compass<br>Direction) | Estimated<br>Distance<br>From Site | Contact | NGR              |
|-----------|------------------------------|--|---|------------------------------------|---------|------------------|
|           | Potential for Shrink         | ing or Swelling Clay Ground Stability Hazards  |   |                                    |         |                  |
|           | Hazard Potential:<br>Source: | Moderate<br>British Geological Survey, National Geoscience Information Service                         | A11SW<br>(SW)                                   | 117                                | 2       | 644525<br>263674 |
|           | Potential for Shrink         | ing or Swelling Clay Ground Stability Hazards  |   |                                    |         |                  |
|           | Hazard Potential:<br>Source: | Low<br>British Geological Survey, National Geoscience Information Service                              | A12NW<br>(NE)                                   | 194                                | 2       | 645003<br>264186 |
|           | Radon Potential - R          | adon Potential - Radon Protection Measures   |   |                                    |         |                  |
|           |                              | No radon protective measures are necessary in the construction of new<br>dwellings or extensions       | A11NE<br>(NW)                                   | 0                                  | 2       | 644686<br>263879 |
|           | Source:                      | British Geological Survey, National Geoscience Information Service                                     |   |                                    |         |                  |
|           | Radon Potential - R          | adon Protection Measures   |   |                                    |         |                  |
|           | Protection Measure:          | No radon protective measures are necessary in the construction of new dwellings or extensions          | A12NW<br>(E)                                    | 0                                  | 2       | 645003<br>263879 |
|           | Source:                      | British Geological Survey, National Geoscience Information Service                                     |   |                                    |         |                  |
|           | Radon Potential - R          | adon Affected Areas  |   |                                    |         |                  |
|           | Affected Area:               | The property is in a lower probability radon area, as less than 1% of homes are above the action level | A11NE<br>(NW)                                   | 0                                  | 2       | 644686<br>263879 |
|           | Source:                      | British Geological Survey, National Geoscience Information Service                                     |   |                                    |         |                  |
|           | Radon Potential - R          | adon Affected Areas  |   |                                    |         |                  |
|           | Affected Area:               | The property is in a lower probability radon area, as less than 1% of homes are above the action level | A12NW<br>(E)                                    | 0                                  | 2       | 645003<br>263879 |
|           | Source:                      | British Geological Survey, National Geoscience Information Service                                     |   |                                    |         |                  |



#### **Industrial Land Use**

| Map<br>ID |   | Details   | Quadrant<br>Reference<br>(Compass<br>Direction) | Estimated<br>Distance<br>From Site | Contact | NGR              |
|-----------|---|---|---|------------------------------------|---------|------------------|
|           | Contemporary Trad   | e Directory Entries   |   |                                    |         |                  |
|           | Name:<br>Location:<br>Classification:<br><b>Status:</b><br>Positional Accuracy: | Castle Point Printing Services<br>Abbey Road, Leiston, Suffolk, IP16 4RE<br>Printing Engineering Services<br>Inactive<br>Automatically positioned to the address                  | A7NE<br>(S)                                     | 503                                | -       | 644739<br>263245 |
|           | Contemporary Trad   | e Directory Entries   |   |                                    |         |                  |
|           | Name:<br>Location:<br>Classification:<br><b>Status:</b><br>Positional Accuracy: | Dkm Auto Repairs<br>Aldhurst Farm, 2, Leiston, Suffolk, IP16 4TB<br>Garage Services<br>Inactive<br>Automatically positioned to the address  | A10NE<br>(W)                                    | 601                                | -       | 643940<br>263936 |
|           | Contemporary Trad   | e Directory Entries   |   |                                    |         |                  |
|           | Name:<br>Location:<br>Classification:<br><b>Status:</b><br>Positional Accuracy: | Jewson Ltd<br>Abbey Road, Leiston, Suffolk, IP16 4RD<br>Builders' Merchants<br><b>Active</b><br>Automatically positioned to the address   | A7SW<br>(S)                                     | 804                                | -       | 644408<br>262993 |
|           | Contemporary Trad   | e Directory Entries   |   |                                    |         |                  |
|           | Name:<br>Location:<br>Classification:<br><b>Status:</b><br>Positional Accuracy: | Abbey Road Service Station<br>Abbey Road Service Station, Carr Avenue, Leiston, Suffolk, IP16 4JA<br>Petrol Filling Stations<br>Active<br>Automatically positioned to the address | A7SW<br>(S)                                     | 850                                | -       | 644374<br>262956 |
|           | Contemporary Trad   | e Directory Entries   |   |                                    |         |                  |
|           | Name:<br>Location:<br>Classification:<br><b>Status:</b><br>Positional Accuracy: | Leiston Tyre & Exhaust Centre Ltd<br>Master Lord Industrial Estate, Leiston, Suffolk, IP16 4JD<br>Tyre Dealers<br>Active<br>Automatically positioned to the address               | A3NW<br>(S)                                     | 970                                | -       | 644298<br>262857 |
|           | Contemporary Trad   | e Directory Entries   |   |                                    |         |                  |
|           | Name:<br>Location:<br>Classification:<br><b>Status:</b><br>Positional Accuracy: | Coastal Refrigeration<br>7, Kitchener Road, Leiston, Suffolk, IP16 4EY<br>Refrigerators & Freezers - Servicing & Repairs<br>Inactive<br>Automatically positioned to the address   | A3NW<br>(S)                                     | 995                                | -       | 644442<br>262787 |



#### **Sensitive Land Use**

| Map<br>ID |  | Details  | Quadrant<br>Reference<br>(Compass<br>Direction) | Estimated<br>Distance<br>From Site | Contact | NGR              |
|-----------|--|--|---|------------------------------------|---------|------------------|
| 23        | Areas of Outstandir<br>Name:<br>Multiple Areas:<br>Total Area (m2):<br>Designation Date:<br>Source:  | ng Natural Beauty<br>Suffolk Coast & Heaths<br>Y<br>405129557.32<br>31st March 1970<br>Natural England                               | A12NE<br>(E)                                    | 0                                  | 4       | 645304<br>263971 |
| 24        | Environmentally Se<br>Name:<br>Multiple Areas:<br>Total Area (m2):<br>Source:  | nsitive Areas<br>Suffolk River Valleys<br>Y<br>18431673.02<br>Natural England  | A12SE<br>(E)                                    | 16                                 | 4       | 645364<br>263726 |
| 25        | Nitrate Vulnerable Z<br>Name:<br>Description:<br>Source:   | Cones<br>Not Supplied<br>NVZ Area<br>Department for Environment, Food and Rural Affairs (DEFRA - formerly<br>FRCA)                   | A11NE<br>(NW)                                   | 0                                  | 5       | 644686<br>263879 |
| 26        | Sites of Special Sci<br>Name:<br>Multiple Areas:<br>Total Area (m2):<br>Source:<br>Reference:<br>Designation Details:<br>Designation Date:<br>Date Type: | entific Interest<br>Sizewell Marshes<br>Y<br>1053958.63<br>Natural England<br>1003416<br>Not Supplied<br>16th March 1992<br>Notified | A12SE<br>(E)                                    | 125                                | 4       | 645412<br>263589 |



| Agency & Hydrological  | Version        | Update Cycle          |
|--|----------------|-----------------------|
| Contaminated Land Register Entries and Notices   |                |                       |
| Suffolk Coastal District Council - Environmental Health Department                               | September 2011 | Annual Rolling Update |
| Discharge Consents   |                |                       |
| Environment Agency - Anglian Region  | April 2012     | Quarterly             |
| Enforcement and Prohibition Notices  |                |                       |
| Environment Agency - Anglian Region  | June 2012      | Quarterly             |
| Integrated Pollution Controls  |                |                       |
| Environment Agency - Anglian Region  | October 2008   | Not Applicable        |
| Integrated Pollution Prevention And Control  |                |                       |
| Environment Agency - Anglian Region  | April 2012     | Quarterly             |
| Local Authority Integrated Pollution Prevention And Control                                      |                |                       |
| Suffolk Coastal District Council - Environmental Health Department                               | December 2011  | Annual Rolling Update |
| Local Authority Pollution Prevention and Controls  |                |                       |
| Suffolk Coastal District Council - Environmental Health Department                               | December 2011  | Annual Rolling Update |
| Local Authority Pollution Prevention and Control Enforcements                                    |                |                       |
| Suffolk Coastal District Council - Environmental Health Department                               | December 2011  | Annual Rolling Update |
| Nearest Surface Water Feature  |                |                       |
| Ordnance Survey  | December 2011  | Quarterly             |
| Pollution Incidents to Controlled Waters   |                |                       |
| Environment Agency - Anglian Region  | September 1999 | Not Applicable        |
| Prosecutions Relating to Authorised Processes  | hun a 2010     | Marchela              |
| Environment Agency - Anglian Region  | June 2012      | Monthly               |
| Prosecutions Relating to Controlled Waters   | hun a 2010     | Marshitt              |
| Environment Agency - Anglian Region  | June 2012      | Monthly               |
| Registered Radioactive Substances  | A = :: 1 2012  | Quartadu              |
| Environment Agency - Anglian Region  | April 2012     | Quarterly             |
| River Quality  | Neversher 2004 | Net Applicable        |
| Environment Agency - Head Office   | November 2001  | Not Applicable        |
| River Quality Biology Sampling Points Environment Agency - Head Office                           | loguer/ 2011   | Appuellu              |
|  | January 2011   | Annually              |
| River Quality Chemistry Sampling Points  | January 2014   | Annually              |
| Environment Agency - Head Office   | January 2011   | Annually              |
| Substantiated Pollution Incident Register  | A = ==== 2010  | Quartadu              |
| Environment Agency - Anglian Region - Eastern Area   | April 2012     | Quarterly             |
| Water Abstractions   |                | Quartarly             |
| Environment Agency - Anglian Region  | April 2012     | Quarterly             |
| Water Industry Act Referrals   | April 2012     | Quartarly             |
| Environment Agency - Anglian Region  | April 2012     | Quarterly             |
| Groundwater Vulnerability Environment Agency - Head Office                                       | January 2011   | Not Applicable        |
|  | Janualy 2011   |                       |
| Drift Deposits<br>Environment Agency - Head Office   | January 1999   | Not Applicable        |
|  | Janualy 1999   |                       |
| Bedrock Aquifer Designations British Geological Survey - National Geoscience Information Service | September 2011 | Annually              |
|  |                | Annually              |
| Superficial Aquifer Designations   | Santambor 2011 | Appually              |
| British Geological Survey - National Geoscience Information Service                              | September 2011 | Annually              |
| Source Protection Zones  | April 2012     | Quartarly             |
| Environment Agency - Head Office   | April 2012     | Quarterly             |
| Extreme Flooding from Rivers or Sea without Defences   | May 2040       | Querterly             |
| Environment Agency - Head Office   | May 2012       | Quarterly             |



| Agency & Hydrological  | Version                        | Update Cycle                                   |
|--|--------------------------------|--|
| Flooding from Rivers or Sea without Defences   |                                |  |
| Environment Agency - Head Office   | May 2012                       | Quarterly                                      |
| Areas Benefiting from Flood Defences   |                                |  |
| Environment Agency - Head Office   | May 2012                       | Quarterly                                      |
| Flood Water Storage Areas  |                                |  |
| Environment Agency - Head Office   | May 2012                       | Quarterly                                      |
| Flood Defences   |                                |  |
| Environment Agency - Head Office   | May 2012                       | Quarterly                                      |
| Waste  | Version                        | Update Cycle                                   |
| BGS Recorded Landfill Sites  |                                |  |
| British Geological Survey - National Geoscience Information Service                                | June 1996                      | Not Applicable                                 |
| Historical Landfill Sites  |                                |  |
| Environment Agency - Anglian Region - Eastern Area   | January 2012                   | Quarterly                                      |
| Integrated Pollution Control Registered Waste Sites  | _                              |  |
| Environment Agency - Anglian Region  | October 2008                   | Not Applicable                                 |
| Licensed Waste Management Facilities (Landfill Boundaries)   |                                |  |
| Environment Agency - Anglian Region - Eastern Area   | April 2012                     | Quarterly                                      |
| Licensed Waste Management Facilities (Locations)   |                                |  |
| Environment Agency - Anglian Region - Eastern Area   | April 2012                     | Quarterly                                      |
| Local Authority Landfill Coverage  |                                |  |
| Suffolk Coastal District Council - Environmental Health Department                                 | May 2000                       | Not Applicable                                 |
| Suffolk County Council   | May 2000                       | Not Applicable                                 |
| Local Authority Recorded Landfill Sites  |                                |  |
| Suffolk Coastal District Council - Environmental Health Department                                 | May 2000                       | Not Applicable                                 |
| Suffolk County Council   | May 2000                       | Not Applicable                                 |
| Registered Landfill Sites  |                                |  |
| Environment Agency - Anglian Region - Eastern Area   | March 2003                     | Not Applicable                                 |
| Registered Waste Transfer Sites  |                                |  |
| Environment Agency - Anglian Region - Eastern Area   | March 2003                     | Not Applicable                                 |
| Registered Waste Treatment or Disposal Sites   |                                |  |
| Environment Agency - Anglian Region - Eastern Area   | March 2003                     | Not Applicable                                 |
| Hazardous Substances   | Version                        | Update Cycle                                   |
| Control of Major Accident Hazards Sites (COMAH)  |                                |  |
| Health and Safety Executive  | May 2012                       | Bi-Annually                                    |
| Explosive Sites  |                                |  |
| Health and Safety Executive  | June 2012                      | Bi-Annually                                    |
| Notification of Installations Handling Hazardous Substances (NIHHS)<br>Health and Safety Executive | November 2000                  | Not Applicable                                 |
|  |                                |  |
| Planning Hazardous Substance Enforcements Suffolk Coastal District Council                         | December 2014                  | Appual Palling Lindot                          |
| Suffolk Coastal District Council Suffolk County Council - Environment and Transport                | December 2011<br>February 2006 | Annual Rolling Update<br>Annual Rolling Update |
|  | i culudiy 2000                 |  |
| Planning Hazardous Substance Consents  |                                |  |
| Suffolk Coastal District Council   | December 2011                  | Annual Rolling Update                          |



| Geological  | Version       | Update Cycle   |
|---|---------------|----------------|
| BGS 1:625,000 Solid Geology   |               |                |
| British Geological Survey - National Geoscience Information Service | August 1996   | Not Applicable |
| BGS Estimated Soil Chemistry  |               |                |
| British Geological Survey - National Geoscience Information Service | January 2010  | Variable       |
| BGS Recorded Mineral Sites  |               |                |
| British Geological Survey - National Geoscience Information Service | April 2012    | Bi-Annually    |
| Brine Compensation Area   |               |                |
| Cheshire Brine Subsidence Compensation Board                        | August 2011   | Not Applicable |
| Coal Mining Affected Areas  |               |                |
| The Coal Authority - Mining Report Service                          | August 2011   | As notified    |
| Mining Instability  |               |                |
| Ove Arup & Partners   | October 2000  | Not Applicable |
| Non Coal Mining Areas of Great Britain                              |               |                |
| British Geological Survey - National Geoscience Information Service | February 2011 | Not Applicable |
| Potential for Collapsible Ground Stability Hazards                  |               |                |
| British Geological Survey - National Geoscience Information Service | February 2011 | Annually       |
| Potential for Compressible Ground Stability Hazards                 |               |                |
| British Geological Survey - National Geoscience Information Service | February 2011 | Annually       |
| Potential for Ground Dissolution Stability Hazards                  |               |                |
| British Geological Survey - National Geoscience Information Service | February 2011 | Annually       |
| Potential for Landslide Ground Stability Hazards                    |               |                |
| British Geological Survey - National Geoscience Information Service | February 2011 | Annually       |
| Potential for Running Sand Ground Stability Hazards                 |               |                |
| British Geological Survey - National Geoscience Information Service | February 2011 | Annually       |
| Potential for Shrinking or Swelling Clay Ground Stability Hazards   |               |                |
| British Geological Survey - National Geoscience Information Service | February 2011 | Annually       |
| Radon Potential - Radon Affected Areas                              |               |                |
| British Geological Survey - National Geoscience Information Service | July 2011     | As notified    |
| Radon Potential - Radon Protection Measures                         |               |                |
| British Geological Survey - National Geoscience Information Service | July 2011     | As notified    |
| Industrial Land Use   | Version       | Update Cycle   |
| Contemporary Trade Directory Entries                                |               |                |
| Thomson Directories   | May 2012      | Quarterly      |
| Fuel Station Entries  |               |                |
| Catalist Ltd - Experian   | February 2012 | Quarterly      |



| Sensitive Land Use   | Version       | Update Cycle   |
|--|---------------|----------------|
| Areas of Outstanding Natural Beauty  |               |                |
| Natural England  | February 2012 | Bi-Annually    |
| Environmentally Sensitive Areas  |               |                |
| Natural England  | February 2012 | Annually       |
| Forest Parks   |               |                |
| Forestry Commission  | April 1997    | Not Applicable |
| Local Nature Reserves  |               |                |
| Natural England  | February 2012 | Bi-Annually    |
| Marine Nature Reserves   |               |                |
| Natural England  | February 2012 | Bi-Annually    |
| National Nature Reserves   |               |                |
| Natural England  | February 2012 | Bi-Annually    |
| National Parks   |               |                |
| Natural England  | February 2012 | Bi-Annually    |
| Nitrate Sensitive Areas  |               |                |
| Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) | February 2012 | Not Applicable |
| Nitrate Vulnerable Zones   |               |                |
| Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) | February 2012 | Annually       |
| Ramsar Sites   |               |                |
| Natural England  | February 2012 | Bi-Annually    |
| Sites of Special Scientific Interest                                       |               |                |
| Natural England  | February 2012 | Bi-Annually    |
| Special Areas of Conservation  |               |                |
| Natural England  | February 2012 | Bi-Annually    |
| Special Protection Areas   |               |                |
| Natural England  | February 2012 | Bi-Annually    |



A selection of organisations who provide data within this report

| Data Supplier                          | Data Supplier Logo  |
|--|---|
| Ordnance Survey                        | Licensed Partner  |
| Environment Agency                     | Environment<br>Agency   |
| Scottish Environment Protection Agency | SEEP Section Ageney   |
| The Coal Authority                     | THE<br>COAL<br>AUTHORITY  |
| British Geological Survey              | British<br>Geological Survey  |
| Centre for Ecology and Hydrology       | Centre for<br>Ecology & Hydrology<br>Natural environment research council |
| Countryside Council for Wales          | CYNGOR CEFN GWLAD CYMRU<br>COUNTRYSIDE COUNCIL FOR WALES                  |
| Scottish Natural Heritage              | SCOTTISH<br>NATURAL<br>HERITAGE   |
| Natural England                        | NATURAL<br>ENGLAND  |
| Health Protection Agency               | Health<br>Protection<br>Agency  |
| Ove Arup                               | ARUP  |
| Peter Brett Associates                 | peterbrett  |



#### **Useful Contacts**

| Contact | Name and Address   | Contact Details   |
|---------|--|---|
| 1       | Environment Agency - National Customer Contact<br>Centre (NCCC)  | Telephone: 08708 506 506<br>Email: enquiries@environment-agency.gov.uk  |
|         | PO Box 544, Templeborough, Rotherham, S60 1BY  |   |
| 2       | British Geological Survey - Enquiry Service<br>British Geological Survey, Kingsley Dunham Centre, Keyworth,<br>Nottingham, Nottinghamshire, NG12 5GG             | Telephone: 0115 936 3143<br>Fax: 0115 936 3276<br>Email: enquiries@bgs.ac.uk<br>Website: www.bgs.ac.uk                          |
| 3       | Landmark Information Group Limited<br>5 - 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY   | Telephone: 01392 441761<br>Fax: 01392 441709<br>Email: cssupport@landmarkinfo.co.uk<br>Website: www.landmarkinfo.co.uk          |
| 4       | <b>Natural England</b><br>Northminster House, Northminster Road, Peterborough, Cambridgeshire,<br>PE1 1UA  | Telephone: 0845 600 3078<br>Fax: 01733 455103<br>Email: enquiries@naturalengland.org.uk<br>Website: www.naturalengland.org.uk   |
| 5       | Department for Environment, Food and Rural Affairs<br>(DEFRA - formerly FRCA)<br>Government Buildings, Otley Road, Lawnswood, Leeds, West Yorkshire,<br>LS16 5QT | Telephone: 0113 2613333<br>Fax: 0113 230 0879   |
| 6       | Suffolk County Council<br>St Edmund House, County Hall, Ipswich, Suffolk, IP4 1LZ  | Telephone: 01473 583000<br>Fax: 01473 230240<br>Website: www.suffolkcc.gov.uk   |
| 7       | Suffolk Coastal District Council - Environmental Health<br>Department<br>Council Offices, Melton Hill, Woodbridge, Suffolk, IP12 1AU                             | Telephone: 01394 383789 extn 2238<br>Fax: 01394 385100<br>Website: www.suffolkcoastal.gov.uk                                    |
| -       | Health Protection Agency - Radon Survey, Centre for<br>Radiation, Chemical and Environmental Hazards<br>Chilton, Didcot, Oxfordshire, OX11 0RQ                   | Telephone: 01235 822622<br>Fax: 01235 833891<br>Email: radon@hpa.org.uk<br>Website: www.hpa.org.uk                              |
| -       | Landmark Information Group Limited<br>The Smith Centre, Henley On Thames, Oxfordshire, RG9 6AB   | Telephone: 0844 844 9952<br>Fax: 0844 844 9951<br>Email: customerservices@landmarkinfo.co.uk<br>Website: www.landmarkinfo.co.uk |

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

# **Historical Mapping Legends**

| Ordnance Survey County Series 1:10,560   | Ordnance Survey Plan 1:10,000  | 1:10,000 Raster Mapping  |
|--|--|--|
| Gravel Sand Other<br>Pit Pit Pits  | رمینیک Chalk Pit, Clay Pit ورونیک Gravel Pit<br>کرین or Quarry   | Gravel Pit Refuse tip or slag heap   |
| Orchard Quarry   | Sand Pit   | Rock Cock (scattered)  |
| A Reeds Marsh  | Refuse or Lake, Loch   | ົ້ໍ້ຈັ Boulders ໍ Boulders (scattered)   |
|  | Dunes 500 Boulders   | Shingle Mud Mud  |
| Mixed Wood Deciduous Brushwood   | ネネ Coniferous ふ  | Sand Sand Sand Pit   |
|  |  | Slopes Transmith Top of cliff  |
|  | ி ் Orchard இந்_ Scrub \Υ்னு Coppice   | General detail Underground detail  |
| Fir Furze Rough Pasture  | יזר Bracken איזענעי Heath איז  | — — — — Overhead detail <del>++++++++++</del> Narrow gauge<br>railway              |
| Arrow denotes Arrow denotes Trigonometrical flow of water Station                                    | عنين Marsh ۲۷٬۰٬ Reeds <u>عن</u> Saltings  | Multi-track Single track<br>railway railway Civil, parish c                        |
| - → Site of Antiquities  | Direction of Flow of Water<br>Building   | County boundary County, parising<br>(England only) community<br>District, Unitary, |
| Pump, Guide Post, Well, Spring,<br>Signal Post Boundary Post<br>• <b>285</b> Surface Level           | Sand Glasshouse  | Metropolitan, Constituency<br>London Borough boundary<br>boundary                  |
| Sketched Instrumental  | Pylon<br>—— □ — — Electricity<br>Transmission<br>Pole Line   | Area of wooded<br>↓ ↑ Area of wooded<br>↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓      |
| Main Roads Fenced Minor Roads Fenced   | ·  |  |
| Un-Fenced Un-Fenced  | Cutting Embankment Standard Gauge  |  |
| Sunken Road Raised Road  | Road '''∏''' Road Level Foot Single Track<br>Under Over Crossing Bridge  | 수 수 Orchard 《 Coppice<br>수 수   |
| Road over<br>Railway River   | Siding, Tramway<br>or Mineral Line<br>Narrow Gauge   | ்பிட Rough பிட்சு Heath  |
| Railway over Level Crossing  | Geographical County  | ∩Scrub _⊻∠Marsh, Salt<br>_⊻∠Marsh or Ree   |
| Road over<br>River or Canal Stream   | — — — — Administrative County, County Borough<br>or County of City<br>Municipal Borough, Urban or Rural District,          | Water feature Flow arrows  |
| Road over<br>Stream  | Burgh or District Council<br>Borough, Burgh or County Constituency<br>Shown only when not coincident with other boundaries | MHW(S) Mean high water (springs) Mean low water (springs)                          |
| ————— County Boundary (Geographical)   | — — — — Civil Parish<br>Shown alternately when coincidence of boundaries occurs  | Telephone line<br>(where shown)  |
| County & Civil Parish Boundary   | BP, BS Boundary Post or Stone Pol Sta Police Station   | (with poles)<br>← Bench mark _ Triangulation                                       |
| + · + · + · + · + Administrati∨e County & Civil Parish Boundary<br>County Borough Boundary (England) | Ch Church PO Post Office<br>CH Club House PC Public Convenience  | Point feature Pylon flare s  |
|  | F E Sta Fire Engine Station PH Public House<br>FB Foot Bridge SB Signal Box  | <ul> <li>(e.g. Guide Post ⊠ or lighting tov<br/>or Mile Stone)</li> </ul>          |
| Co. Boro. Bdy.   |  |  |
|  | Fn Fountain Spr Spring<br>GP Guide Post TCB Telephone Call Box<br>MP Mile Post TCP Telephone Call Post                     | •‡• Site of (antiquity) Glasshouse   |

#### ping

Underground detail Narrow gauge railway Single track railway Civil, parish or community boundary Constituency boundary

Non-coniferous

Marsh, Salt Marsh or Reeds

water (springs)

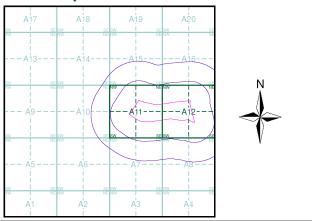
transmission line

Pylon, flare stack or lighting tower

# ame Historical Mapping & Photography included:

| Mapping Type         | Scale    | Date        | Pg |
|----------------------|----------|-------------|----|
| Suffolk              | 1:10,560 | 1883 - 1884 | 2  |
| Suffolk              | 1:10,560 | 1905        | 3  |
| Suffolk              | 1:10,560 | 1928        | 4  |
| Suffolk              | 1:10,560 | 1938        | 5  |
| Suffolk              | 1:10,560 | 1950 - 1951 | 6  |
| Ordnance Survey Plan | 1:10,000 | 1957 - 1958 | 7  |
| Ordnance Survey Plan | 1:10,000 | 1976 - 1977 | 8  |
| Ordnance Survey Plan | 1:10,000 | 1982        | 9  |
| 10K Raster Mapping   | 1:10,000 | 2006        | 10 |
| 10K Raster Mapping   | 1:10,000 | 2012        | 11 |

#### Historical Map - Slice A



#### **Order Details**

Order Number: Customer Ref: National Grid Reference: 644690, 263880 Slice: Site Area (Ha): Search Buffer (m):

40138928\_1\_1 32623 А 17.03 500

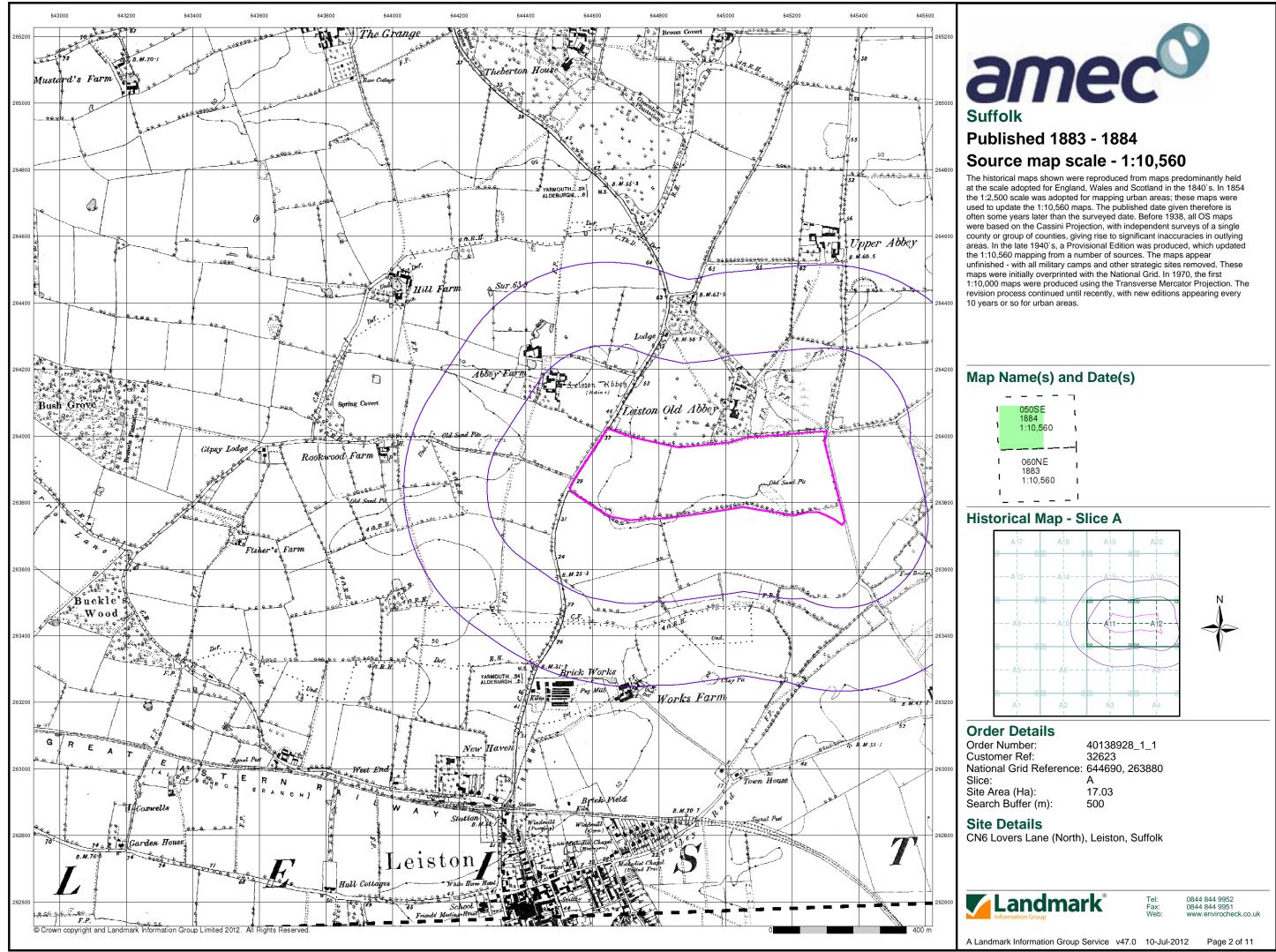
Tel: Fax: Web:

#### Site Details

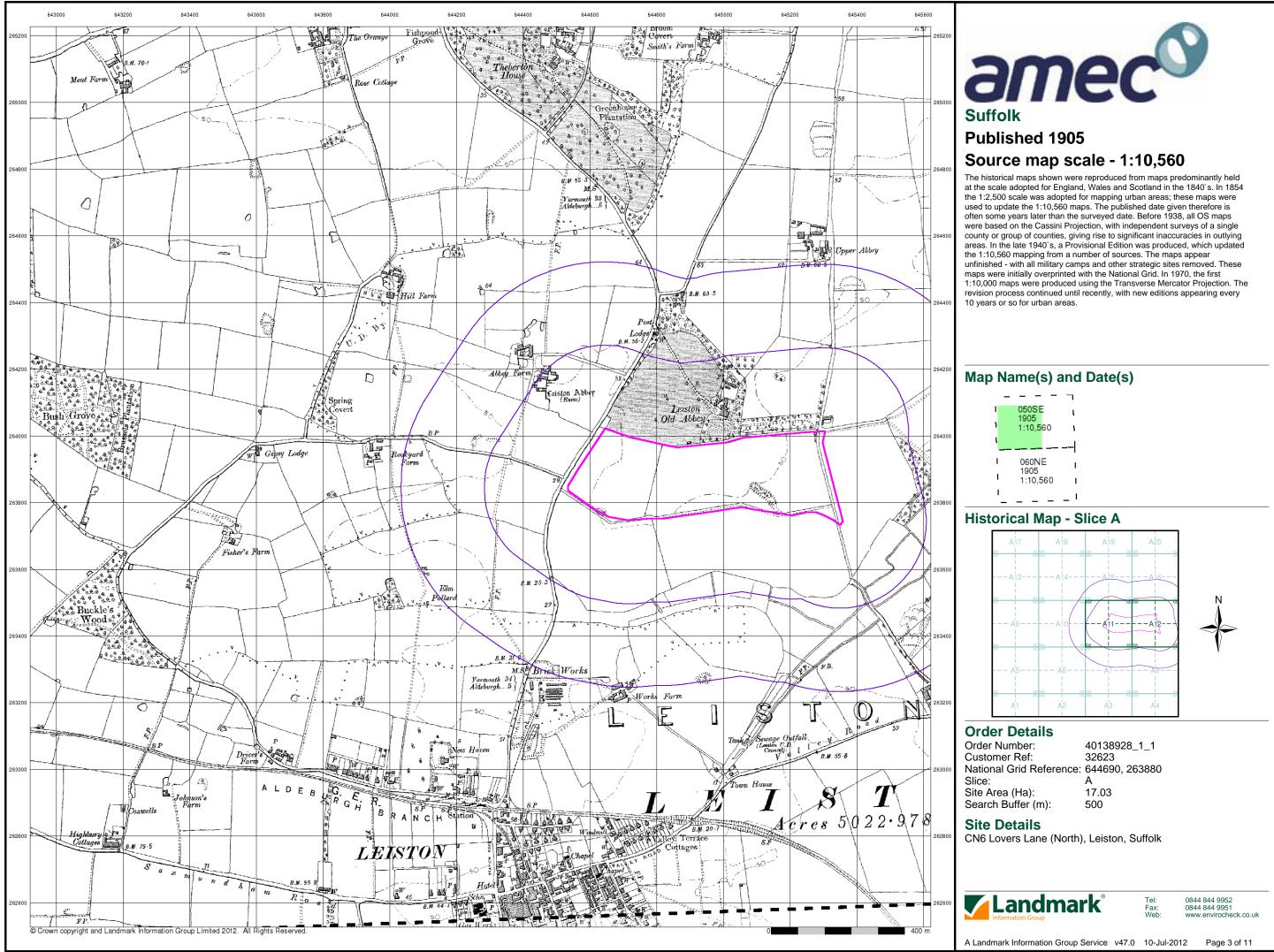
CN6 Lovers Lane (North), Leiston, Suffolk



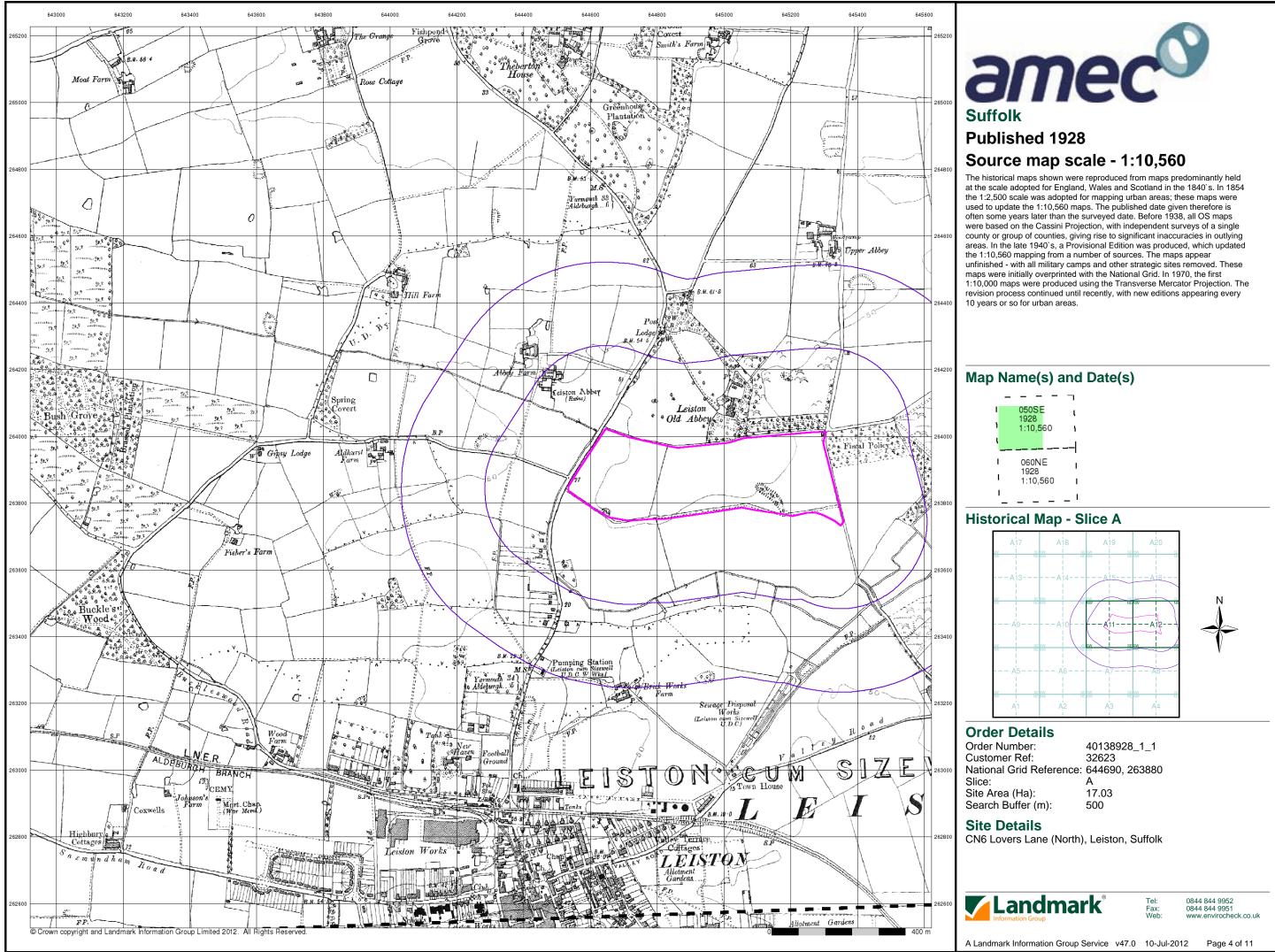
0844 844 9952 0844 844 9951 www.envirocheck.co.uk



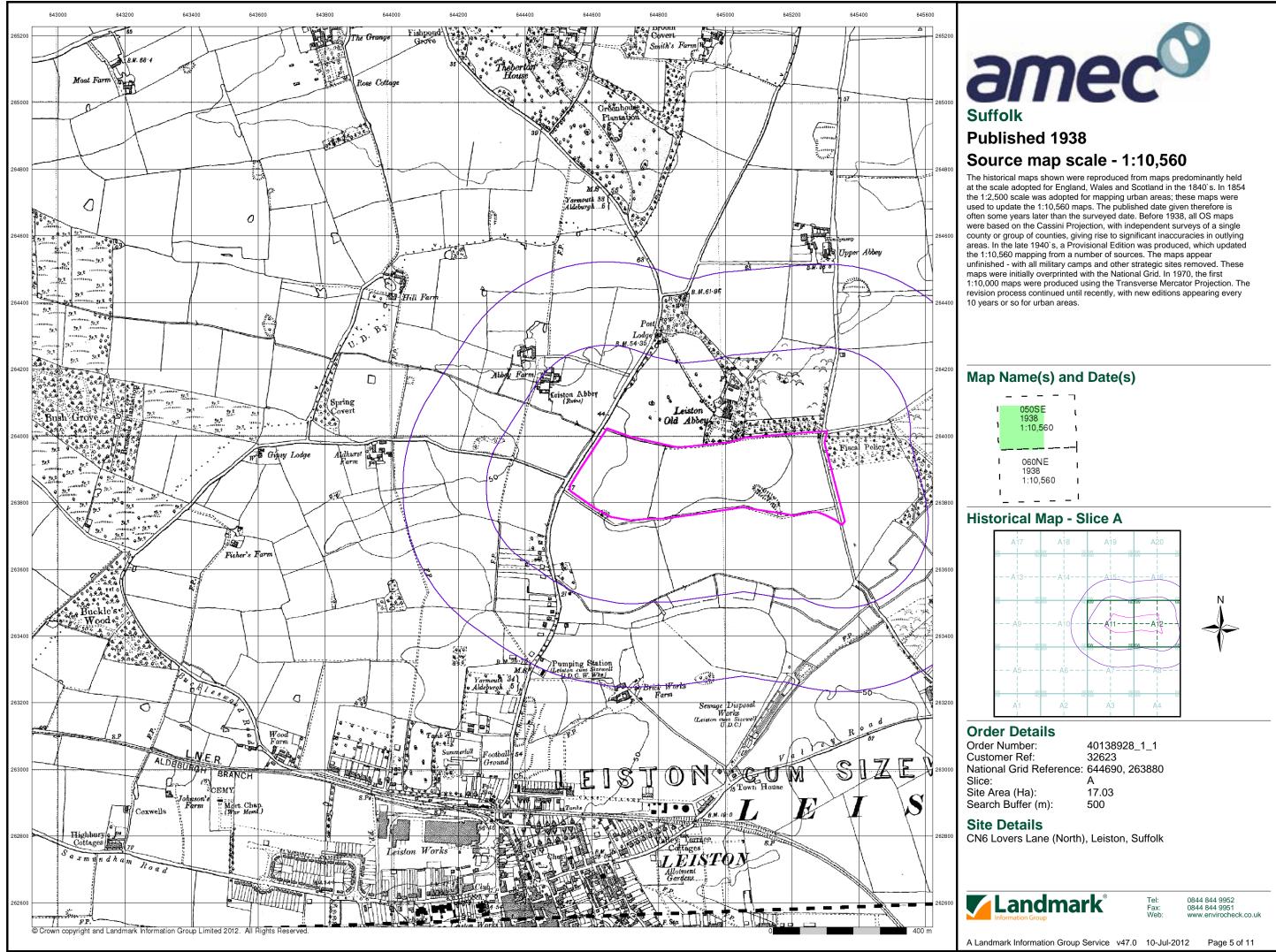




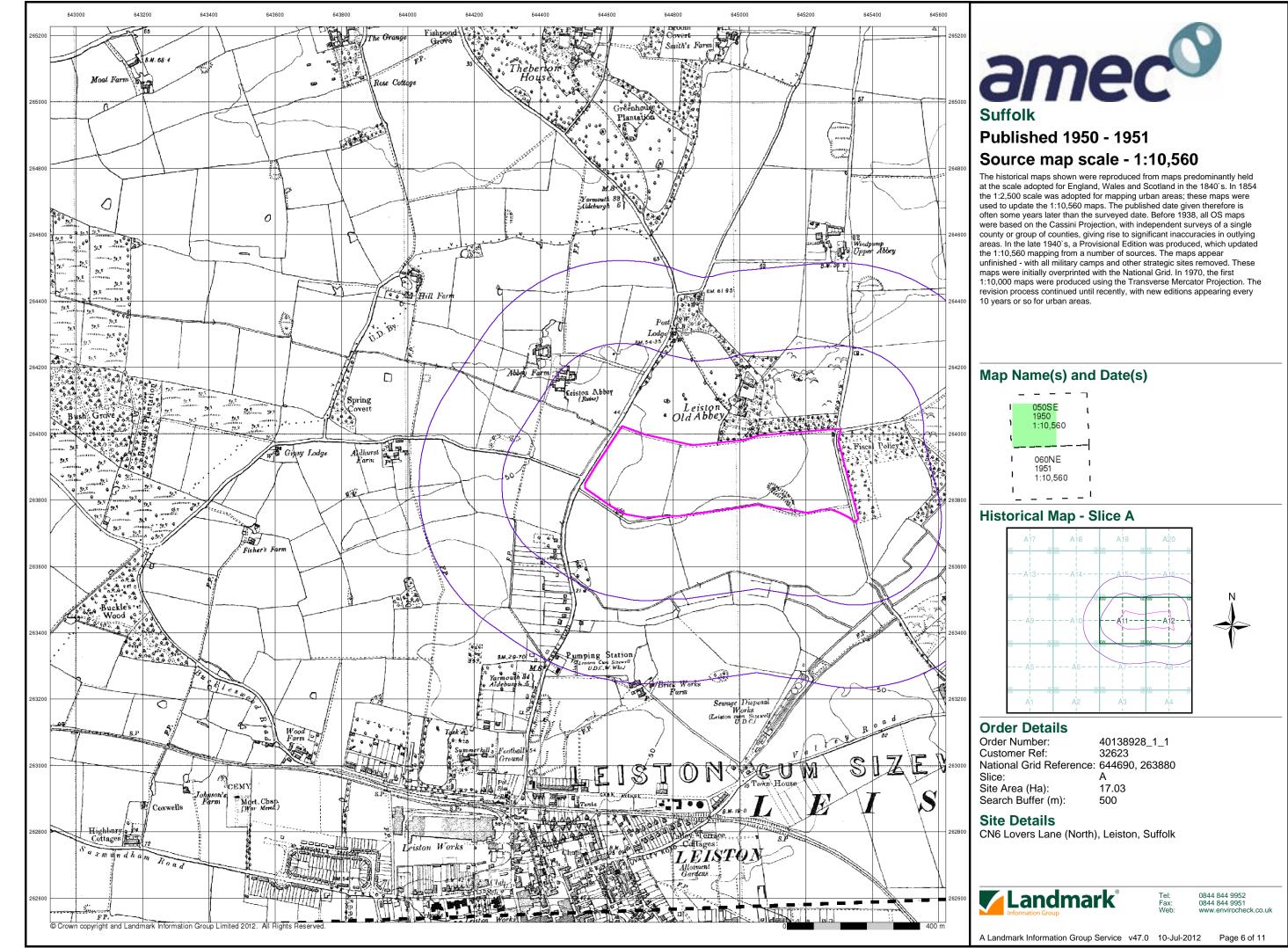




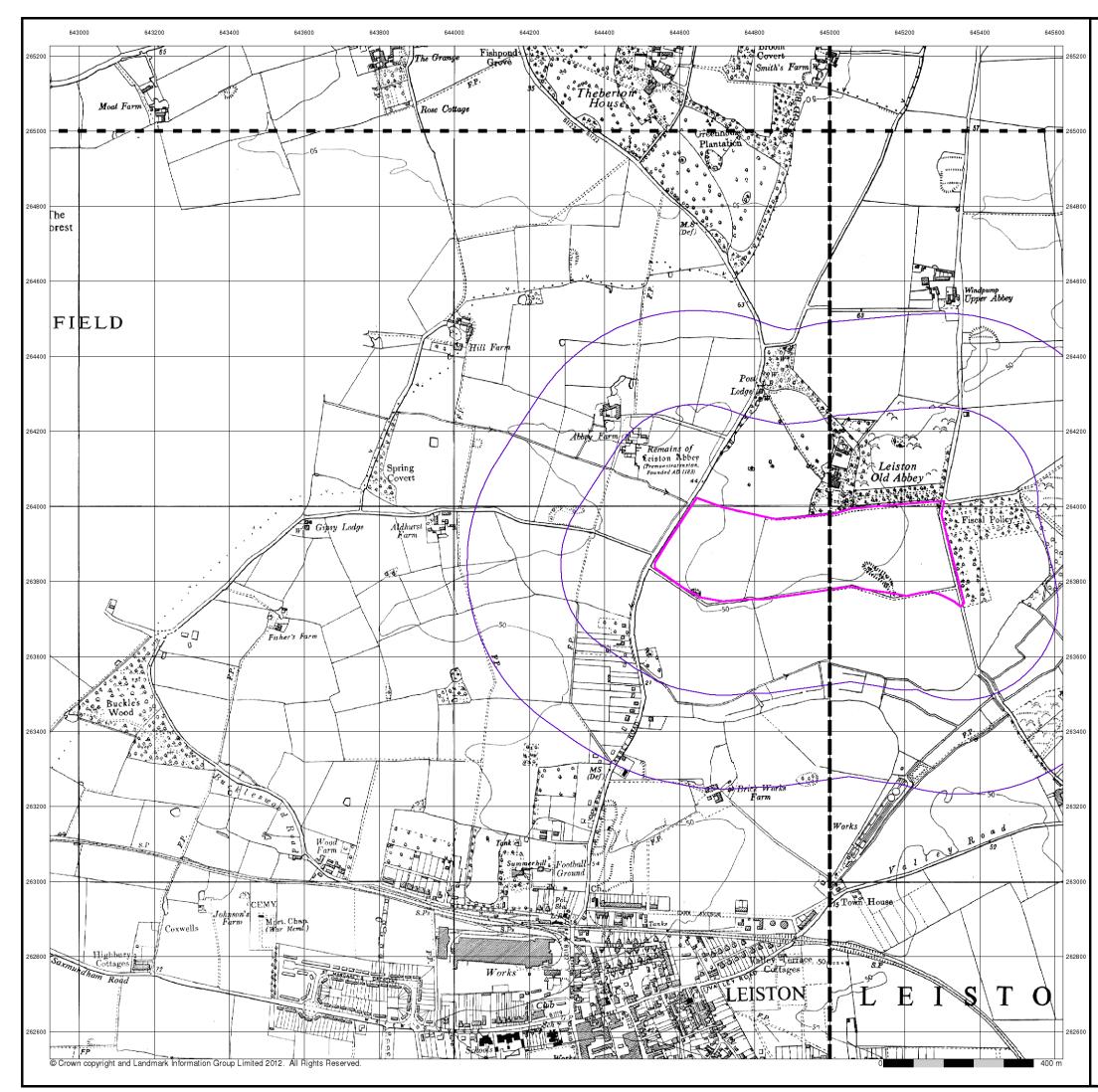














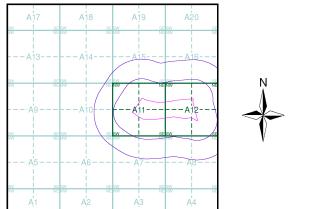
## **Ordnance Survey Plan** Published 1957 - 1958 Source map scale - 1:10,000

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

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

| TM46NW<br>1957<br>1:10,560 | <br> <br> | TM46NE<br>1958<br>1:10,560 | -<br> <br> <br> |
|----------------------------|-----------|----------------------------|-----------------|
|                            |           |                            | -               |
| TM46SW                     | 1         |                            |                 |
| 111/1465/                  | ÷.,       | TM46SE                     | •               |
| 1958<br>1:10,560           | ÷         | TM46SE<br>1958<br>1:10,560 | i               |

## **Historical Map - Slice A**



## **Order Details**

Order Number: Customer Ref: National Grid Reference: 644690, 263880 Slice: Α Site Area (Ha): Search Buffer (m):

40138928\_1\_1 32623 17.03 500

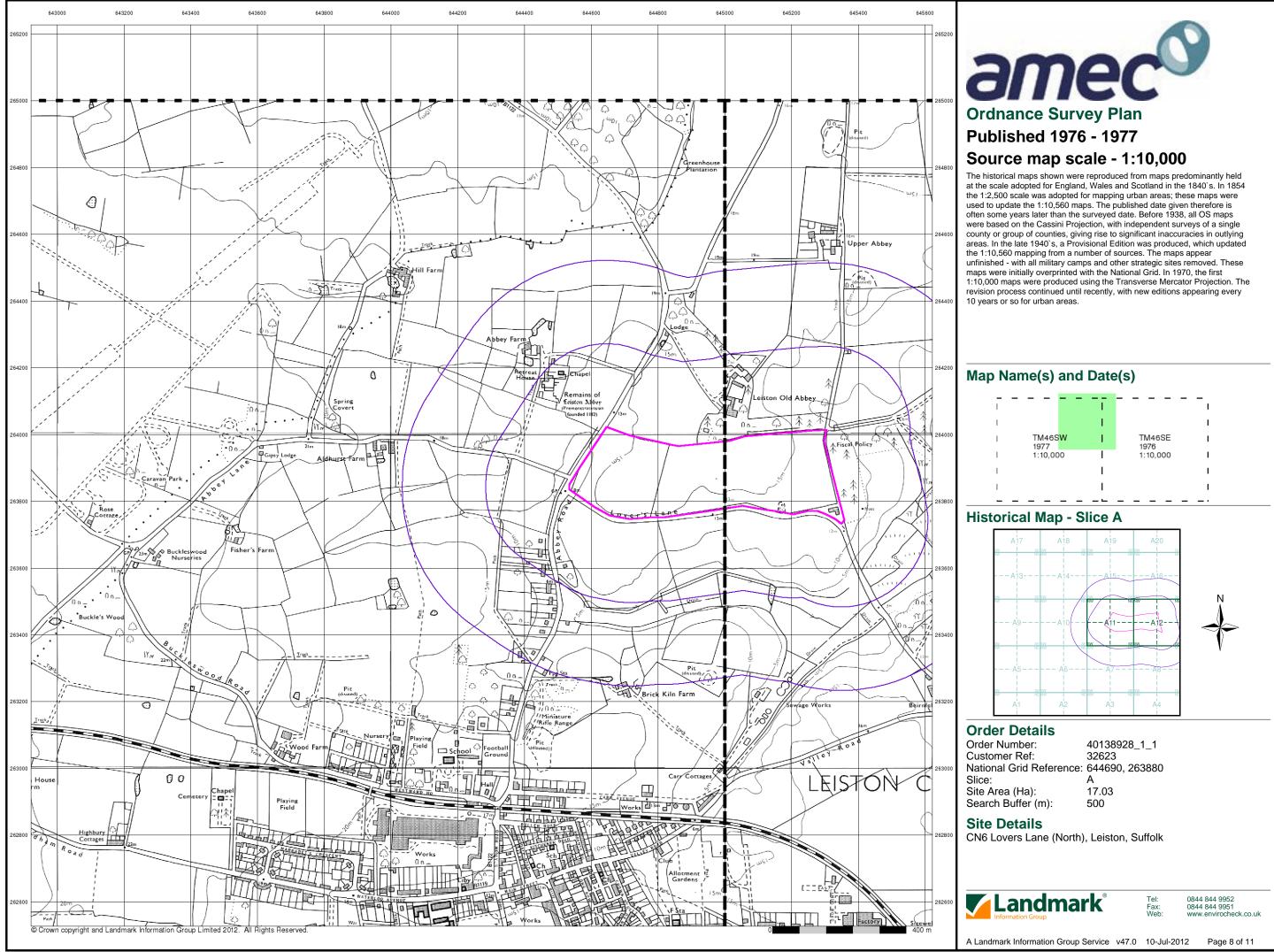
Tel: Fax: Web

## Site Details

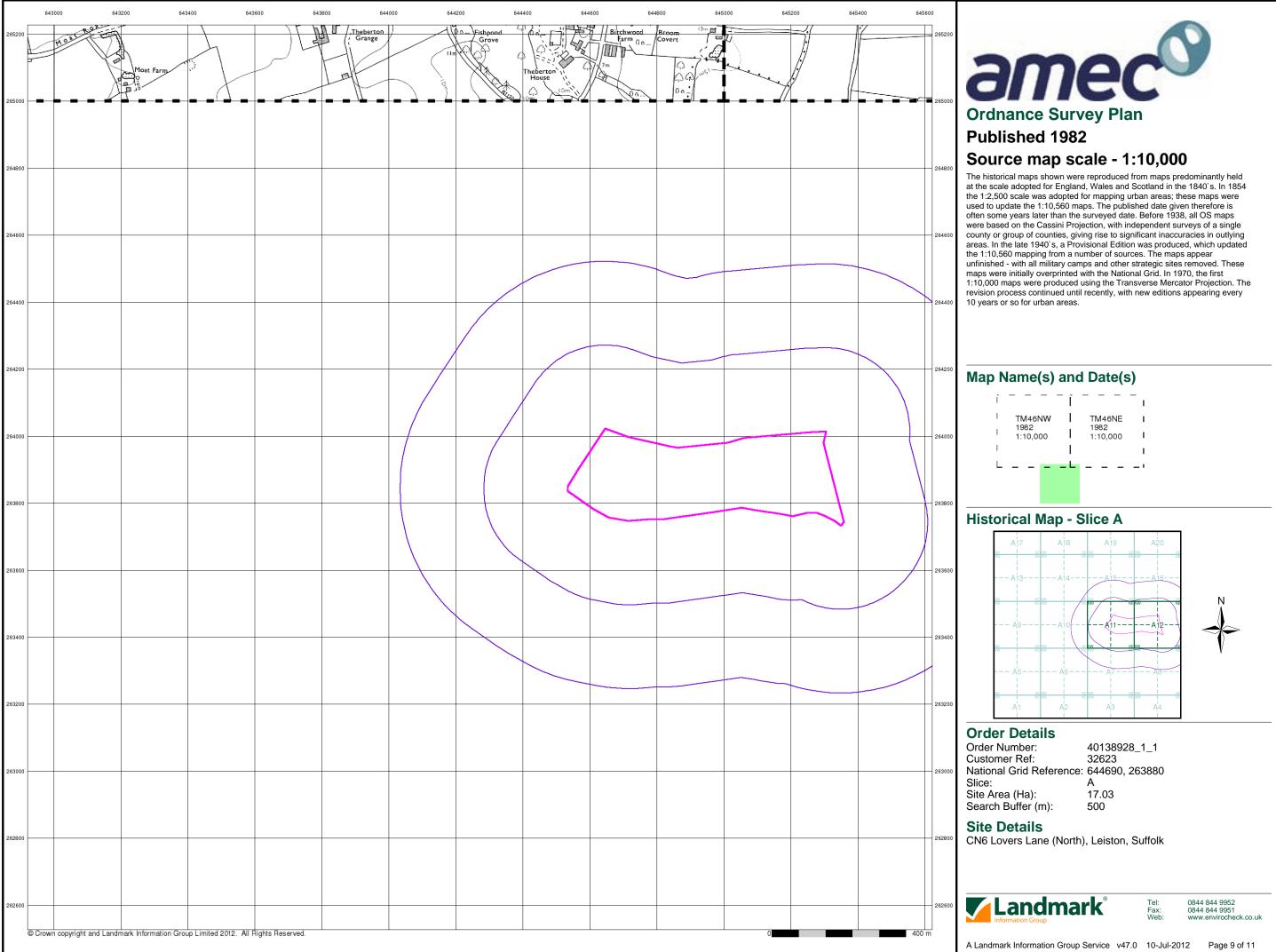
CN6 Lovers Lane (North), Leiston, Suffolk

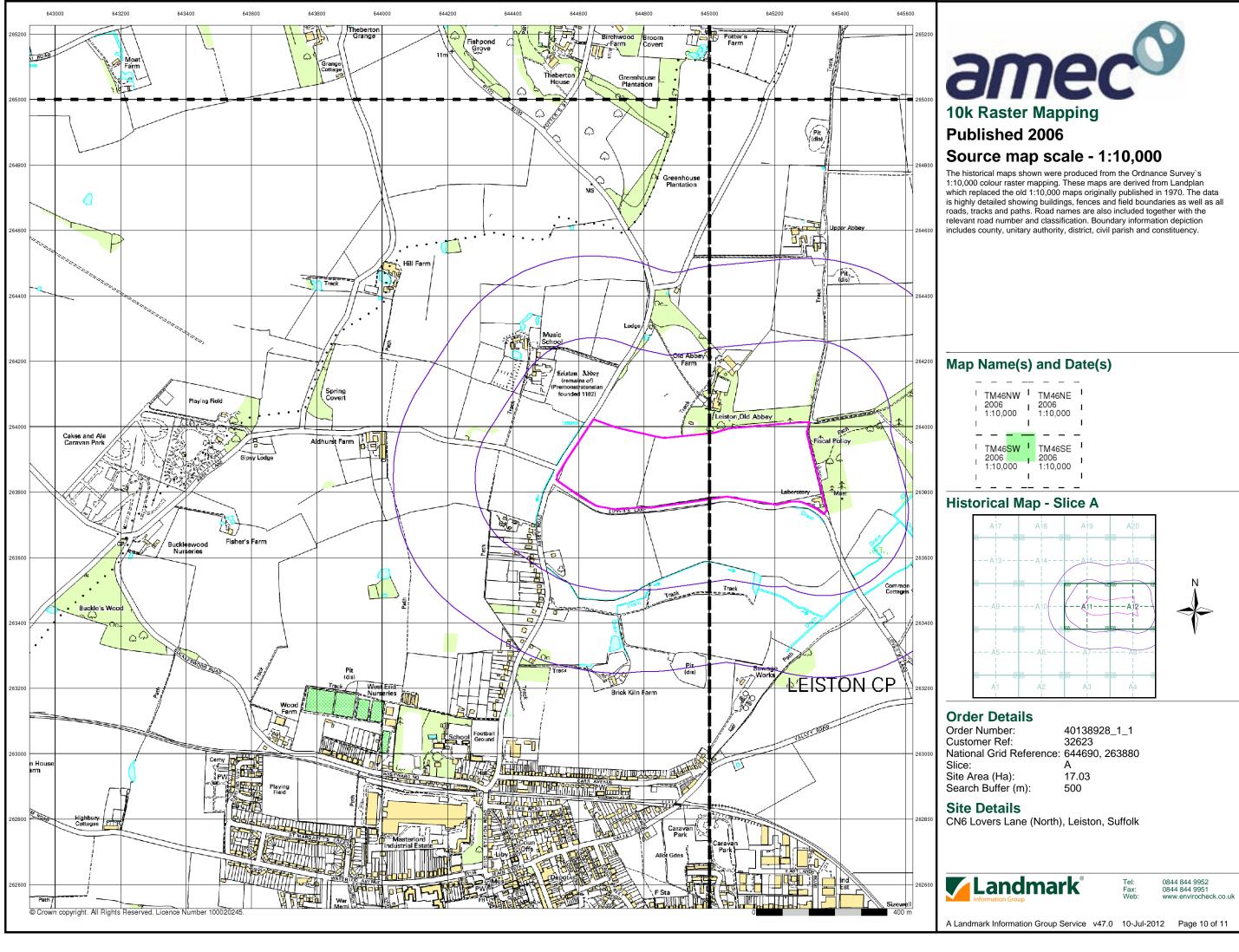


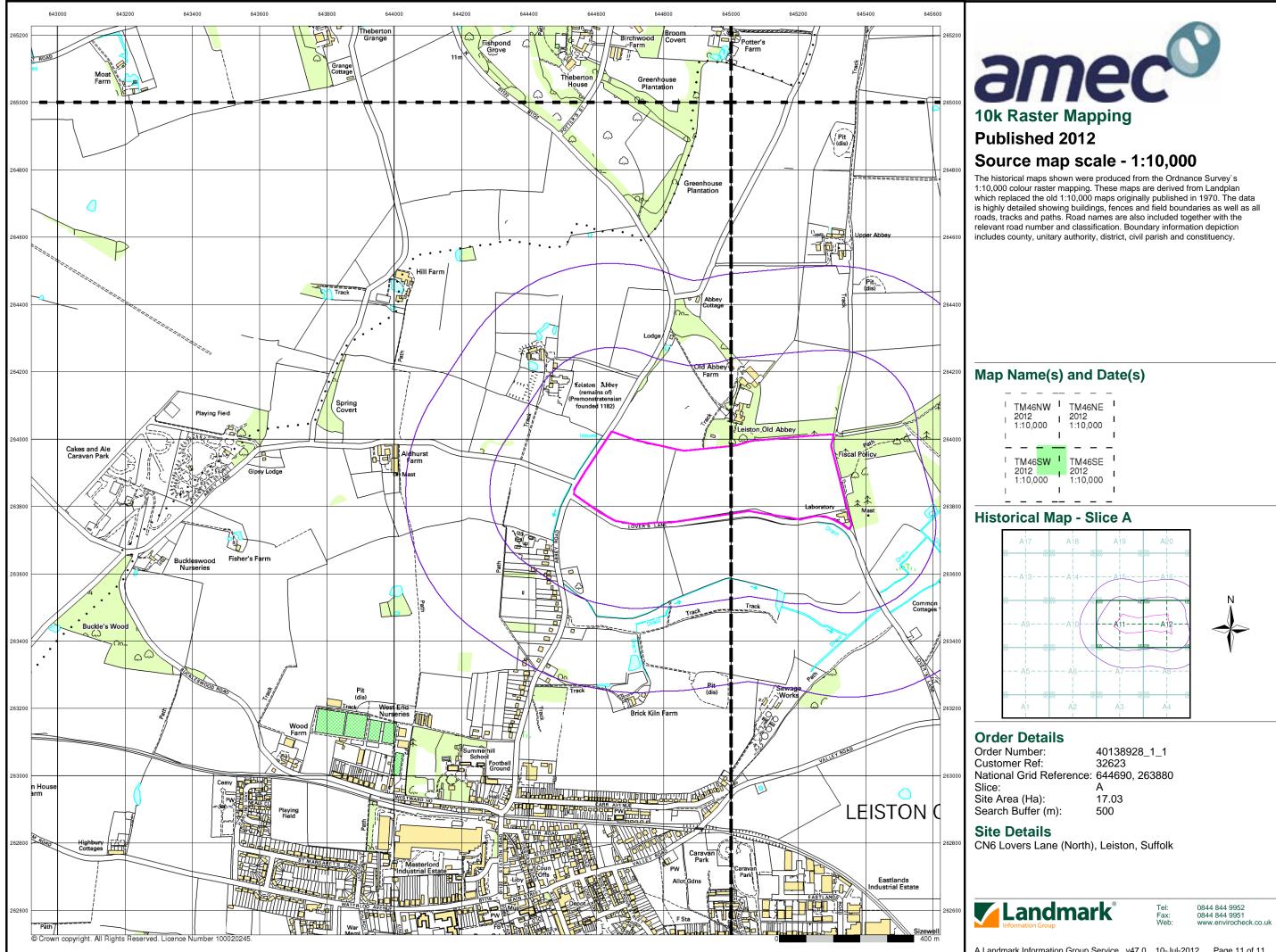
0844 844 9952 0844 844 9951 www.envirocheck.co.uk

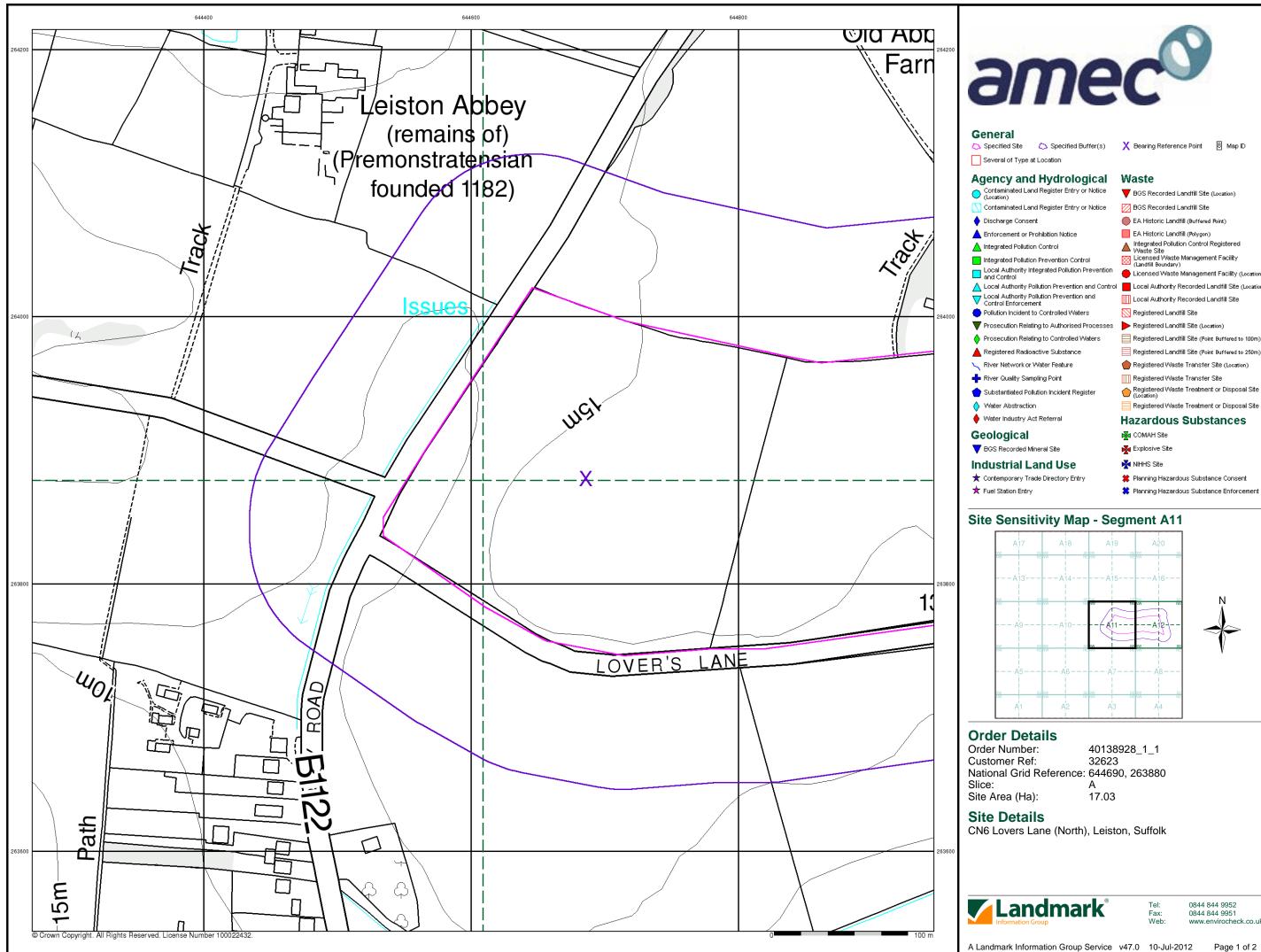








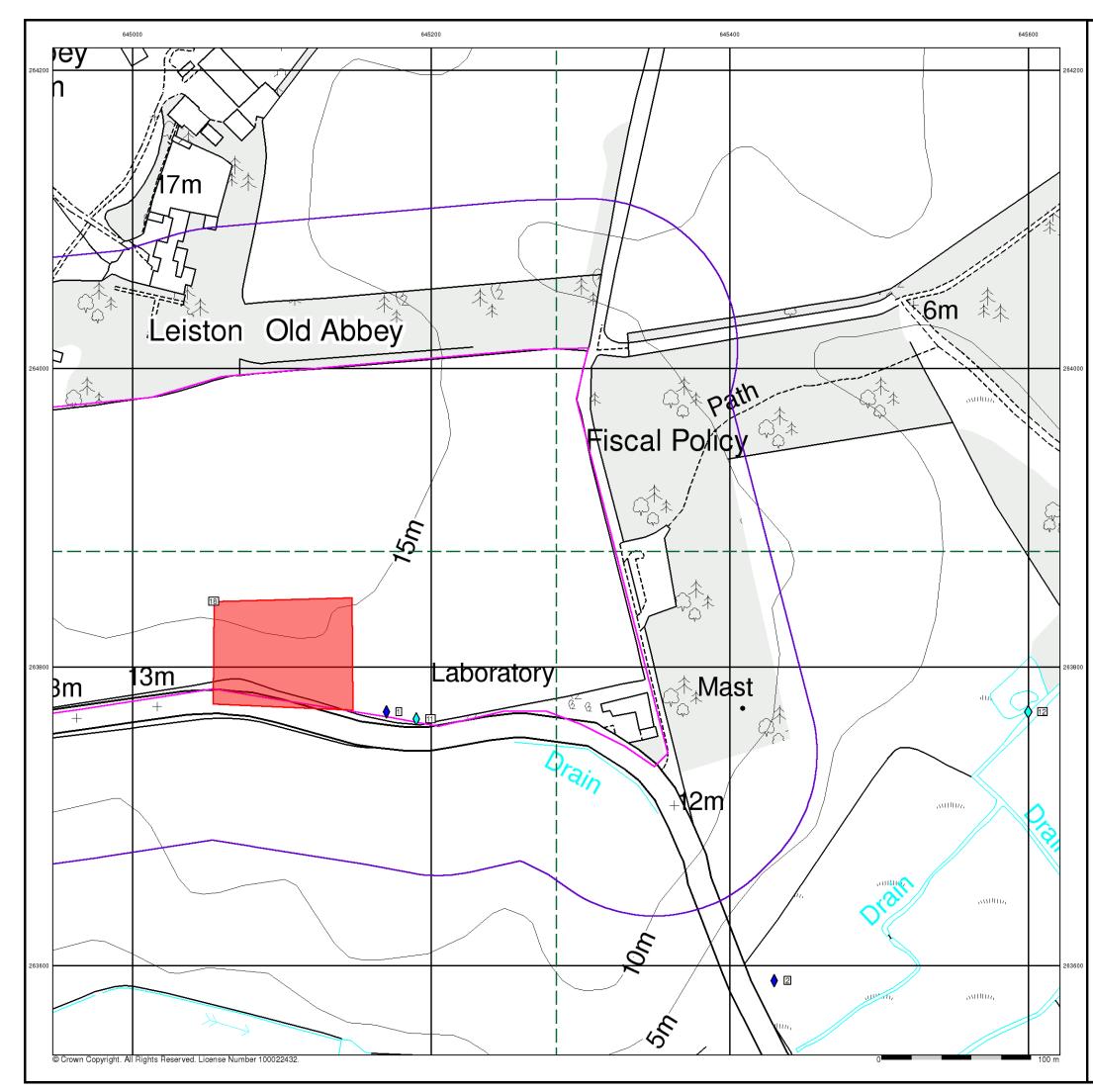




| ochora                         |   |                  |  |
|--------------------------------|---|------------------|--|
| 🔼 Specified Site               | Specified Buffer(s)                                   | Х                | Bearing Refere   |
| Several of Type a              | t Location  |                  |  |
| Agency and                     | l Hydrological  | W                | aste   |
| Contaminated Lan<br>(Location) | d Register Entry or Notice                            | ▼                | BGS Recorded   |
| 🚫 Contaminated Lan             | d Register Entry or Notice                            | $\square$        | BGS Recorded   |
| 🔶 Discharge Consei             | nt  | $\bigcirc$       | EA Historic Land                                       |
| Enforcement or P               | rohibition Notice                                     |                  | EA Historic Land                                       |
| 🛕 Integrated Pollutio          | n Control   |                  | Integrated Pollut<br>Vaste Site                        |
|                                | n Prevention Control<br>tegrated Pollution Prevention | 8                | Licensed Waste<br>(Landfill Boundary<br>Licensed Waste |
| A Local Authority Po           | ollution Prevention and Control                       |                  | Local Authority  |
| Control Enforcem               | ollution Prevention and<br>ent                        |                  | Local Authority  |
| O Pollution Incident t         | o Controlled Waters                                   | $\square$        | Registered Land  |
| V Prosecution Relat            | ing to Authorised Processes                           | $\triangleright$ | Registered Land  |
| 🔶 Prosecution Relat            | ing to Controlled Waters                              |                  | Registered Land  |
| A Registered Radios            | active Substance                                      |                  | Registered Land  |
| 🧸 River Network or 1           | Water Feature   | ٢                | Registered Was   |
| 🕂 River Quality Sam            | pling Point   | m                | Registered Was   |
| Substantiated Poll             | ution Incident Register                               | $\bigcirc$       | Registered Was<br>(Location)                           |
| 🚫 Water Abstraction            | n   |                  | Registered Was   |
| 🔶 Water Industry Ad            | ct Referral   | Ha               | azardous   |
| Geological                     |   | <b>*</b>         | COMAH Site   |
| BGS Recorded Mi                | neral Site  | 4                | Explosive Site   |
| Inductrial L                   | and Llea  | <b>.</b>         | NIHHS Site   |

|    | 14000   |
|----|---|
|    | BGS Recorded Landfill Site (Location)   |
|    | 🔀 BGS Recorded Landfill Site  |
|    | 🔴 EA Historic Landfill (Buffered Point)   |
|    | EA Historic Landfill (Polygon)  |
|    | Integrated Pollution Control Registered     Waste Site  |
|    | <ul> <li>Waste Site</li> <li>Licensed Waste Management Facility</li> <li>(Landfill Boundary)</li> </ul> |
|    | Eicensed Waste Management Facility (Location)   |
| ol | Local Authority Recorded Landfill Site (Location)   |
|    | III 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)   |
|    | IIII Registered Waste Transfer Site   |
|    | Registered Waste Treatment or Disposal Site (Location)  |
|    | Registered Waste Treatment or Disposal Site   |
|    | Hazardous Substances  |
|    | K COMAH Site  |
|    | 💑 Explosive Site  |
|    | NIHHS Site  |
|    | Planning Hazardous Substance Consent  |
|    |   |

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## General

| O O H O H O H                             |   |                       |                                      |
|---|---|-----------------------|--------------------------------------|
| 🔼 Specified Site                          | Specified Buffer(s)                                   | Х                     | Bearing Referer                      |
| Several of Type a                         | t Location  |                       |                                      |
| Agency and                                | l Hydrological  | w                     | aste                                 |
| Contaminated Lan<br>(Location)            | d Register Entry or Notice                            | ▼                     | BGS Recorded                         |
| 🚫 Contaminated Lan                        | d Register Entry or Notice                            | $\square$             | BGS Recorded                         |
| 🔶 Discharge Conser                        | nt  | $\bigcirc$            | EA Historic Land                     |
| A Enforcement or Pr                       | ohibition Notice                                      |                       | EA Historic Land                     |
| 🛕 Integrated Pollution                    | n Control   |                       | Integrated Pollut<br>Waste Site      |
| -   | n Prevention Control<br>tegrated Pollution Prevention | $\boxtimes$           | Licensed Waste<br>(Landfill Boundary |
| and Control                               | lograted Foliation Frevention                         | •                     | Licensed Waste                       |
| Local Authority Po                        | ollution Prevention and Control                       |                       | Local Authority                      |
| V Local Authority Po<br>Control Enforceme | ollution Prevention and<br>ent                        | Ш                     | Local Authority                      |
| O Pollution Incident t                    | o Controlled Waters                                   | $\boxtimes$           | Registered Land                      |
| Prosecution Relati                        | ing to Authorised Processes                           | $\blacktriangleright$ | Registered Land                      |
| 🔶 Prosecution Relati                      | ing to Controlled Waters                              |                       | Registered Land                      |
| 🔺 Registered Radioa                       | active Substance                                      |                       | Registered Land                      |
| 🥆 River Network or V                      | /Vater Feature  | ۲                     | Registered Was                       |
| 🕂 River Quality Sam                       | pling Point   | Ш                     | Registered Was                       |
| 🔶 Substantiated Poll                      | ution Incident Register                               | $\bigcirc$            | Registered Was (Location)            |
| 🔶 Water Abstraction                       | ı   |                       | Registered Was                       |
| 🔶 Water Industry Ad                       | t Referral  | Ha                    | azardous                             |
| Geological                                |   | <b>*</b>              | COMAH Site                           |
| BGS Recorded Mi                           | neral Site  | *                     | Explosive Site                       |
| Industrial L                              | and liee  | <b>1</b>              | NIHHS Site                           |

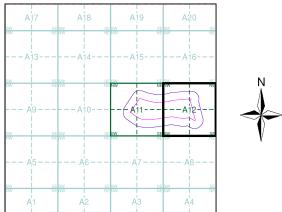
- Industrial Land Use
- ★ Contemporary Trade Directory Entry
- 📩 Fuel Station Entry

ence Point 🛛 🛽 🛛 Map ID

|   | BGS Recorded Landfill Site (Location)                     |
|---|---|
|   | 🔀 BGS Recorded Landfill Site                              |
|   | EA Historic Landfill (Buffered Point)                     |
|   | EA Historic Landfill (Polygon)                            |
|   | Integrated Pollution Control Registered<br>Waste Site     |
|   | Licensed Waste Management Facility<br>(Landfill Boundary) |
|   | licensed Waste Management Facility (Location)             |
| ł | Local Authority Recorded Landfill Site (Location          |
|   | III 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)               |
|   | IIII 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

## Site Sensitivity Map - Segment A12



## **Order Details**

 
 Order Number:
 40138928\_1\_1

 Customer Ref:
 32623

 National Grid Reference:
 644690, 263880
 Slice: Site Area (Ha):

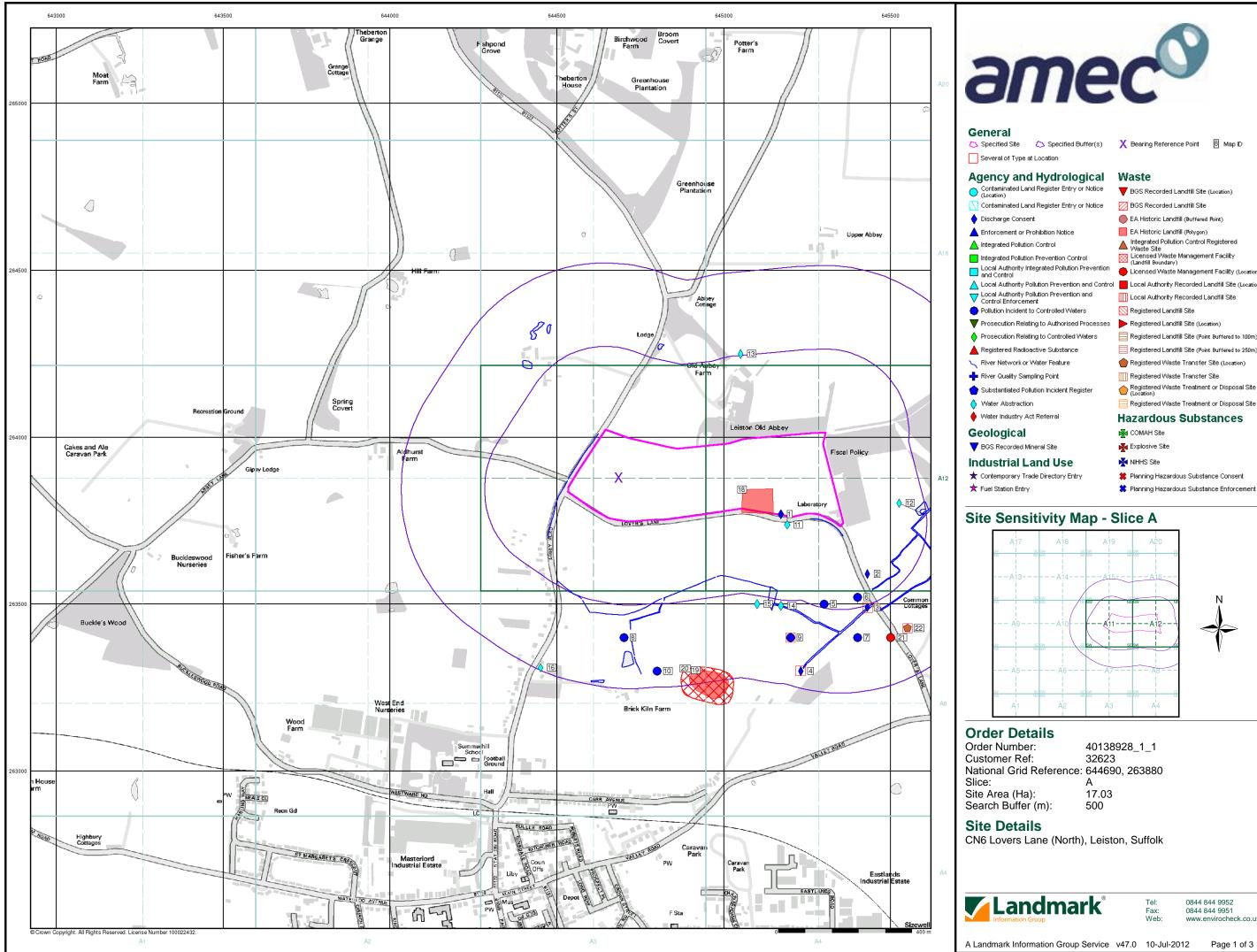
A 17.03

## Site Details

CN6 Lovers Lane (North), Leiston, Suffolk



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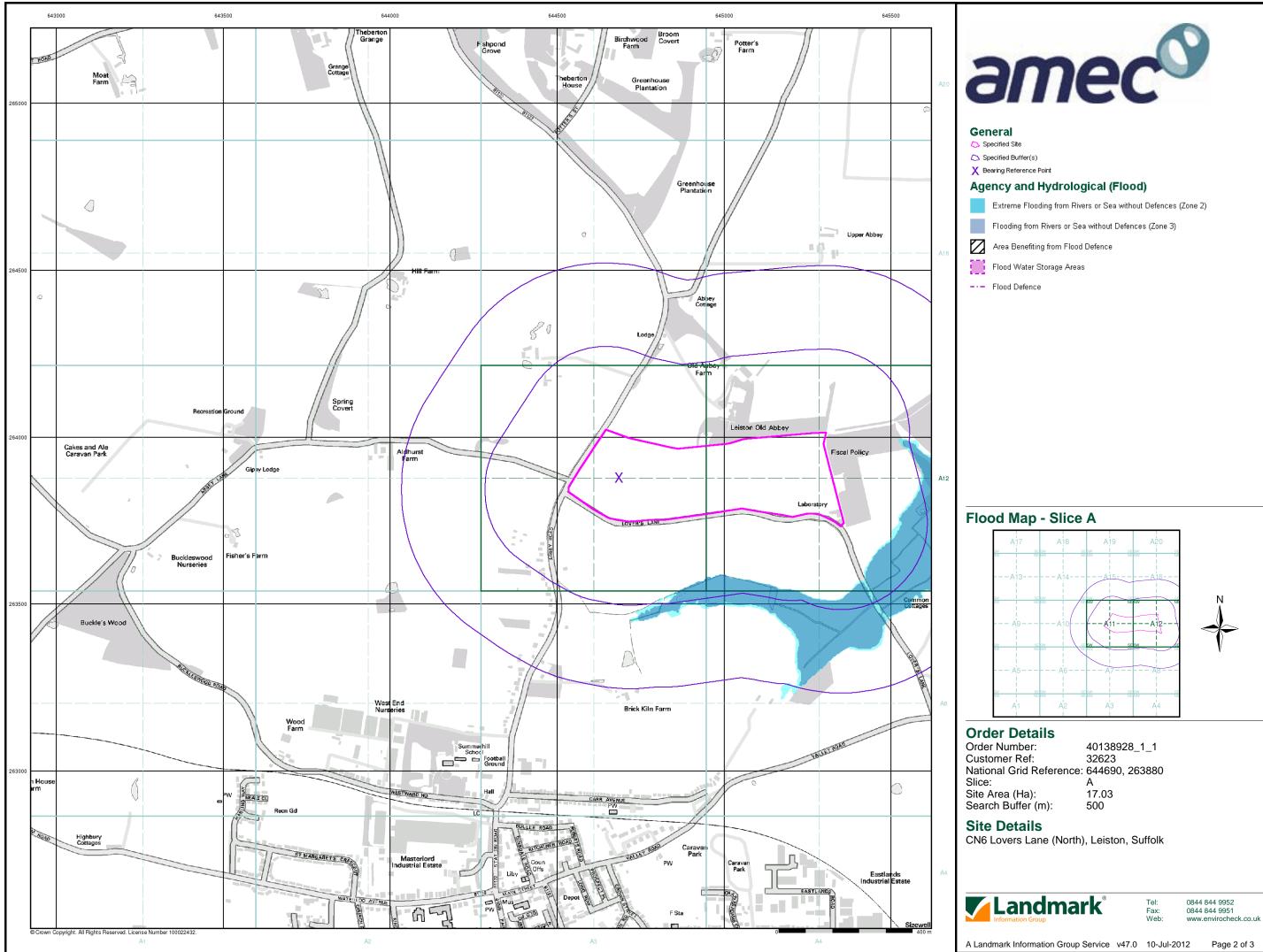


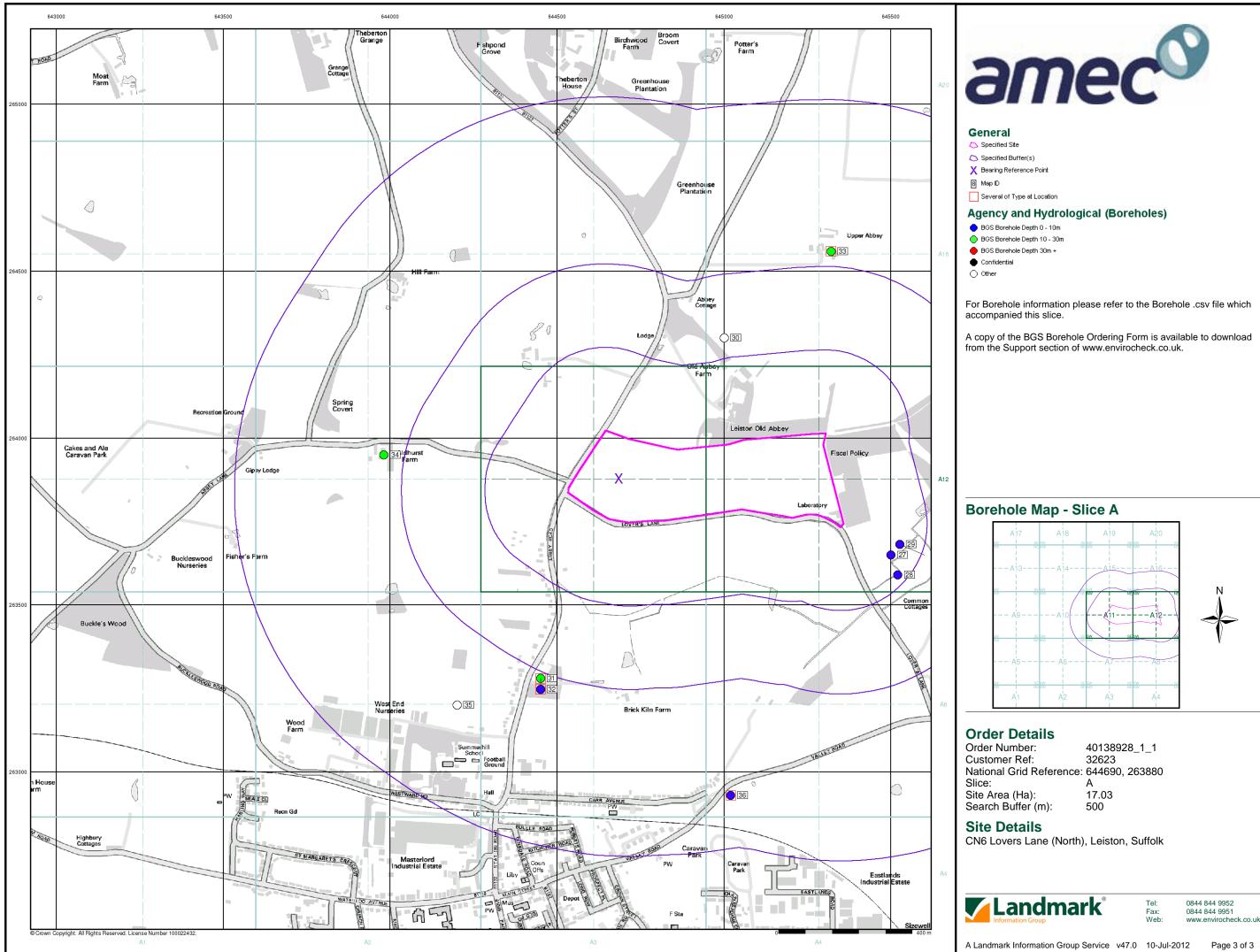
| General                           |                                 |   |
|-----------------------------------|---------------------------------|---|
| 🔼 Specified Site                  | Specified Buffer(s)             | X Bearing Reference Point                   |
| Several of Type a                 | t Location                      |   |
| Agency and                        | l Hydrological                  | Waste                                       |
| Contaminated Lan<br>(Location)    | nd Register Entry or Notice     | BGS Recorded Landfill Site                  |
| 📉 Contaminated Lan                | nd Register Entry or Notice     | BGS Recorded Landfill Site                  |
| 🔶 Discharge Consei                | nt                              | 🔴 EA Historic Landfill (Buffere             |
| A Enforcement or P                | rohibition Notice               | EA Historic Landfill (Polygor               |
| 🛕 Integrated Pollutio             | n Control                       | A Integrated Pollution Contro<br>Waste Site |
| Integrated Pollutio               | n Prevention Control            | Licensed Waste Managerr                     |
| Local Authority In<br>and Control | tegrated Pollution Prevention   | 🔴 Licensed Waste Managerr                   |
| 🛕 Local Authority Po              | ollution Prevention and Control | Local Authority Recorded                    |
| Control Enforcem                  | ollution Prevention and<br>ent  | Local Authority Recorded                    |
| Pollution Incident t              | o Controlled Waters             | 🚫 Registered Landfill Site                  |
| Prosecution Relat                 | ing to Authorised Processes     | Registered Landfill Site (Lo                |
| 🔶 Prosecution Relat               | ing to Controlled Waters        | Registered Landfill Site (Po                |
| 🛕 Registered Radioa               | active Substance                | Registered Landfill Site (Po                |
| 🦯 River Network or                | Water Feature                   | 👚 Registered Waste Transfe                  |
| 🕂 River Quality Sam               | pling Point                     | IIII Registered Waste Transfe               |
| 🔶 Substantiated Poll              | lution Incident Register        | Registered Waste Treatme                    |
| 🔶 Water Abstractio                | n                               | 📃 Registered Waste Treatme                  |
| 🔶 Water Industry Ad               | ct Referral                     | Hazardous Subs                              |
| Geological                        |                                 | 🛃 COMAH Site                                |
| BGS Recorded Mi                   | ineral Site                     | 🙀 Explosive Site                            |
| Industrial L                      | and Use                         | 🙀 NIHHS Site                                |

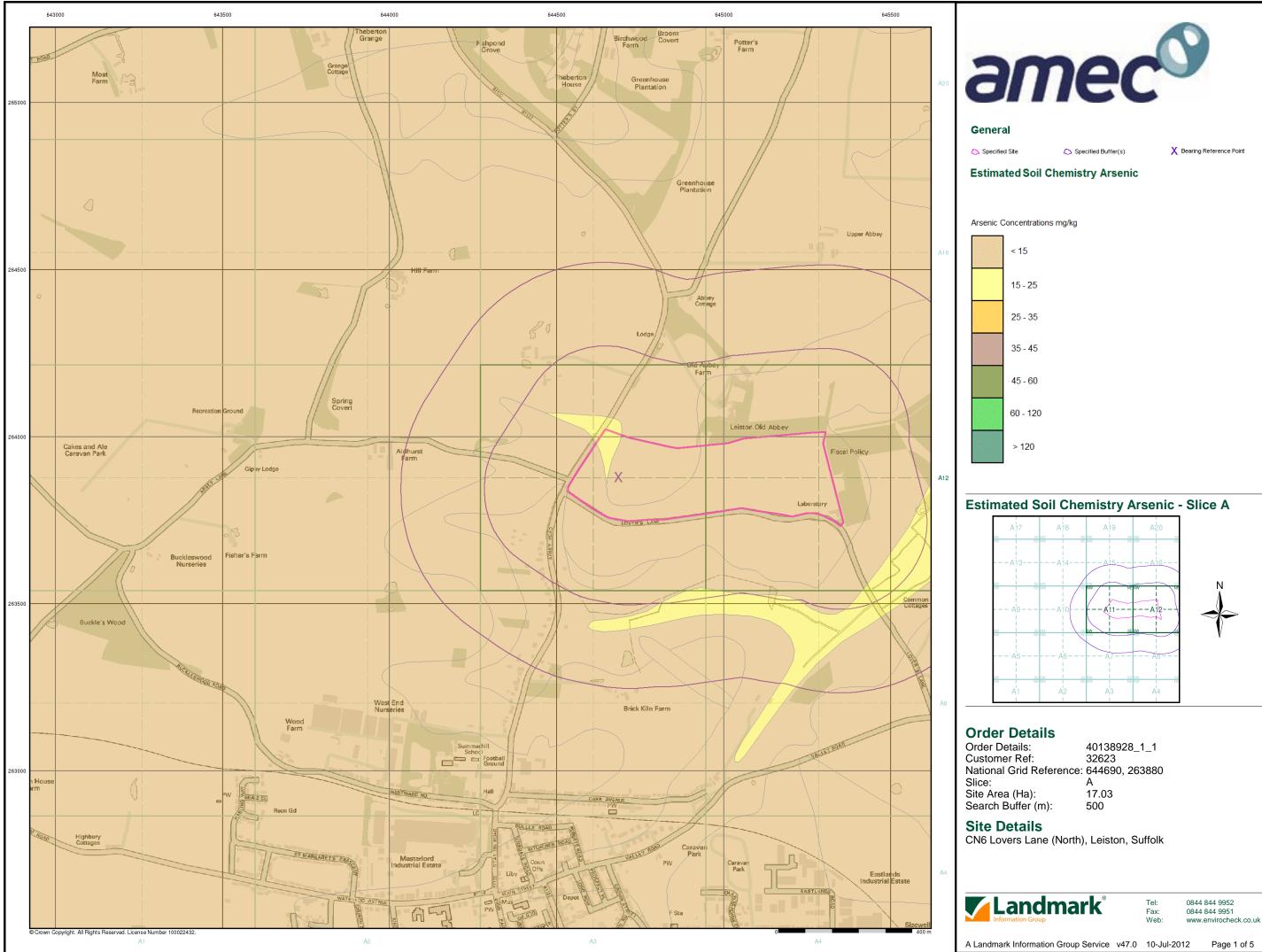
|    | Waste  |
|----|--|
|    | BGS Recorded Landfill Site (Location)  |
|    | 🔀 BGS Recorded Landfill Site   |
|    | EA Historic Landfill (Buffered Point)  |
|    | EA Historic Landfill (Polygon)   |
|    | ▲ Integrated Pollution Control Registered<br>Waste Site<br>⊠ Licensed Waste Management Facility<br>(Landfill Boundary) |
|    | Eicensed Waste Management Facility (Location)  |
| ol | Local Authority Recorded Landfill Site (Location   |
|    | III 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)  |
|    | IIII Registered Waste Tra⊓sfer Site  |
|    | Registered Waste Treatment or Disposal Site (Location)   |
|    | Registered Waste Treatment or Disposal Site  |
|    | Hazardous Substances   |
|    | K COMAH Site   |
|    | 🛃 Explosive Site   |
|    |  |

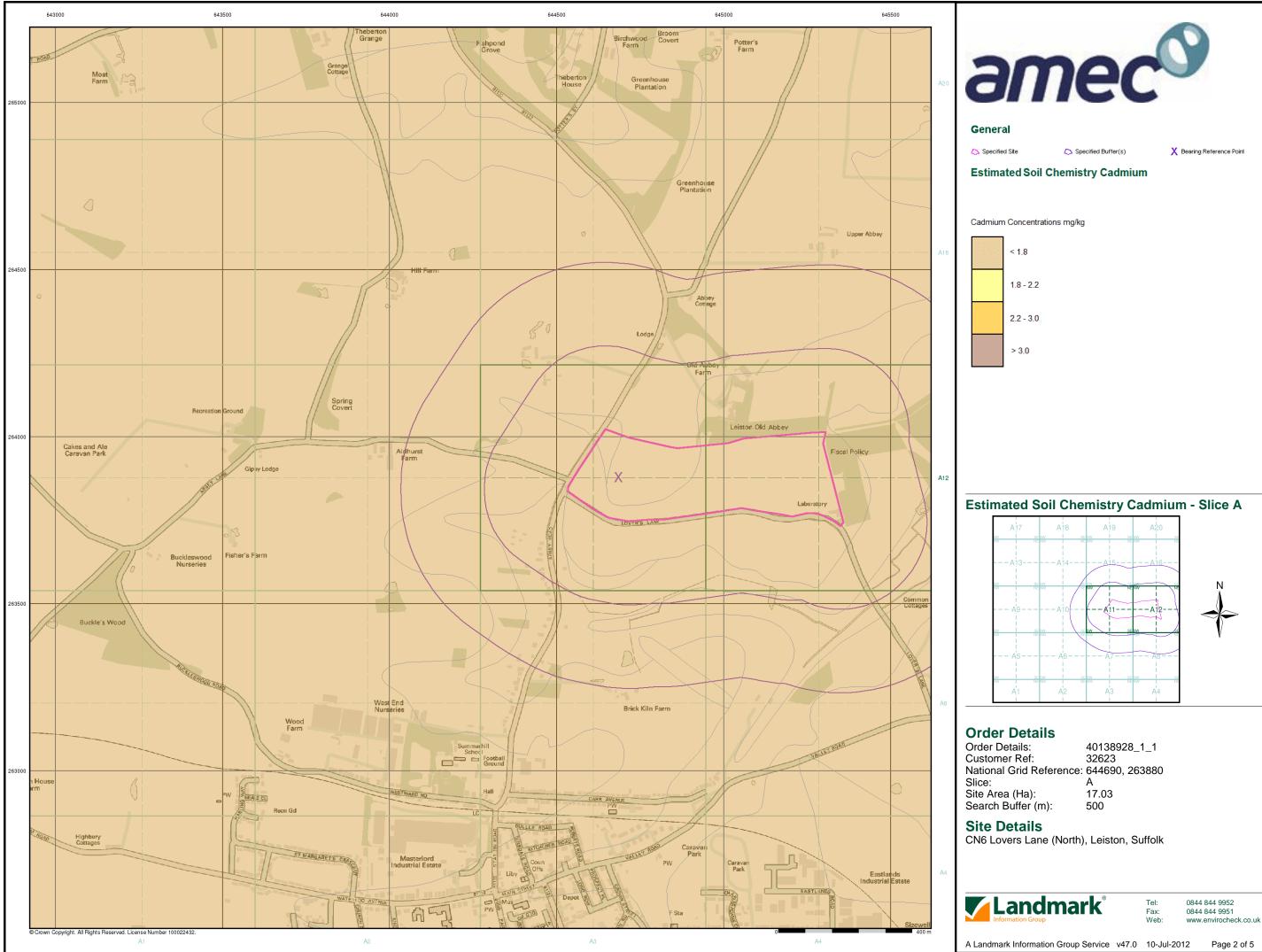
| Order Number:            | 2 |
|--------------------------|---|
| Customer Ref:            | З |
| National Grid Reference: | 6 |
| Slice:                   | ŀ |
| Site Area (Ha):          | 1 |
| Search Buffer (m):       | 5 |

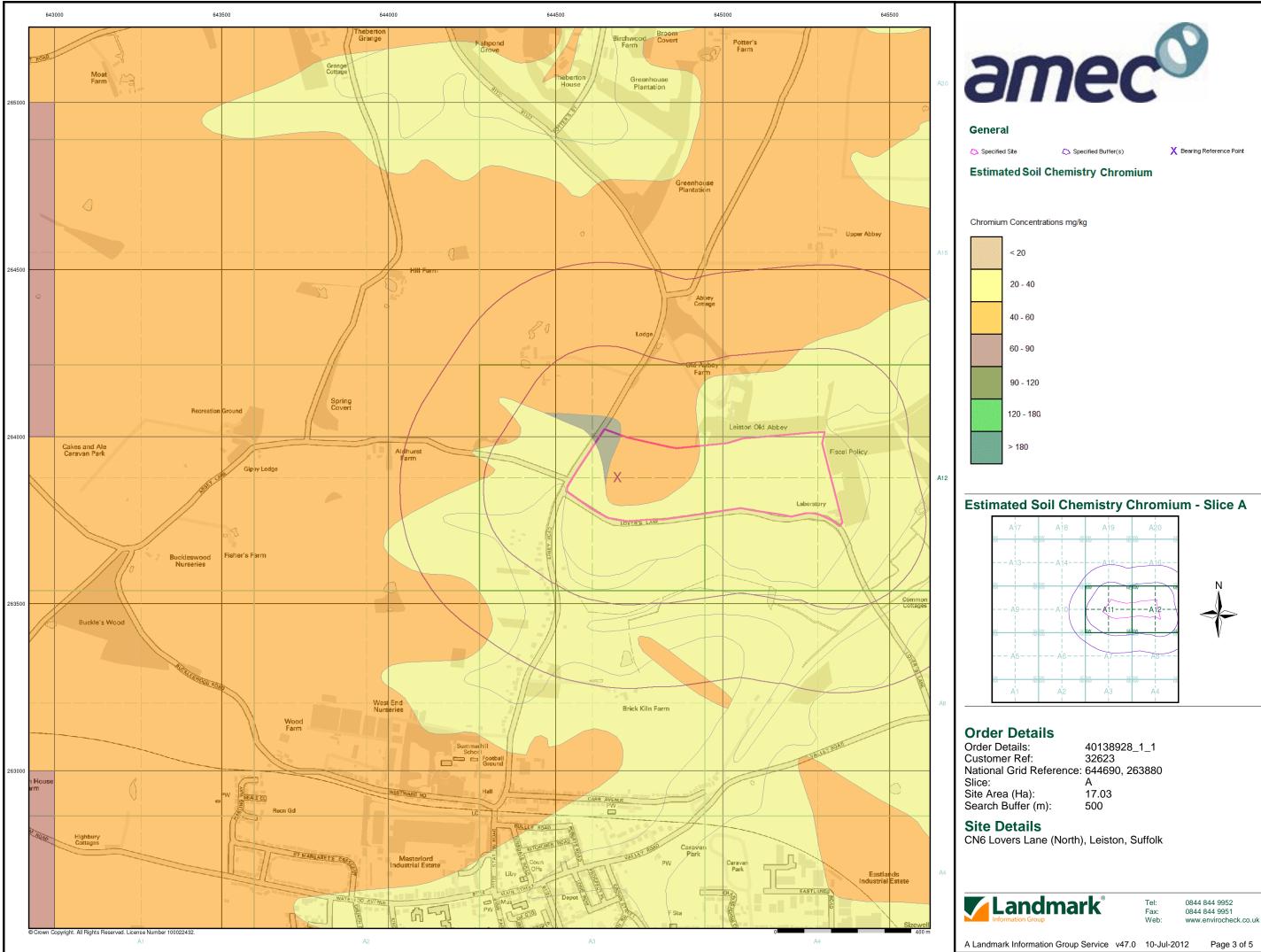
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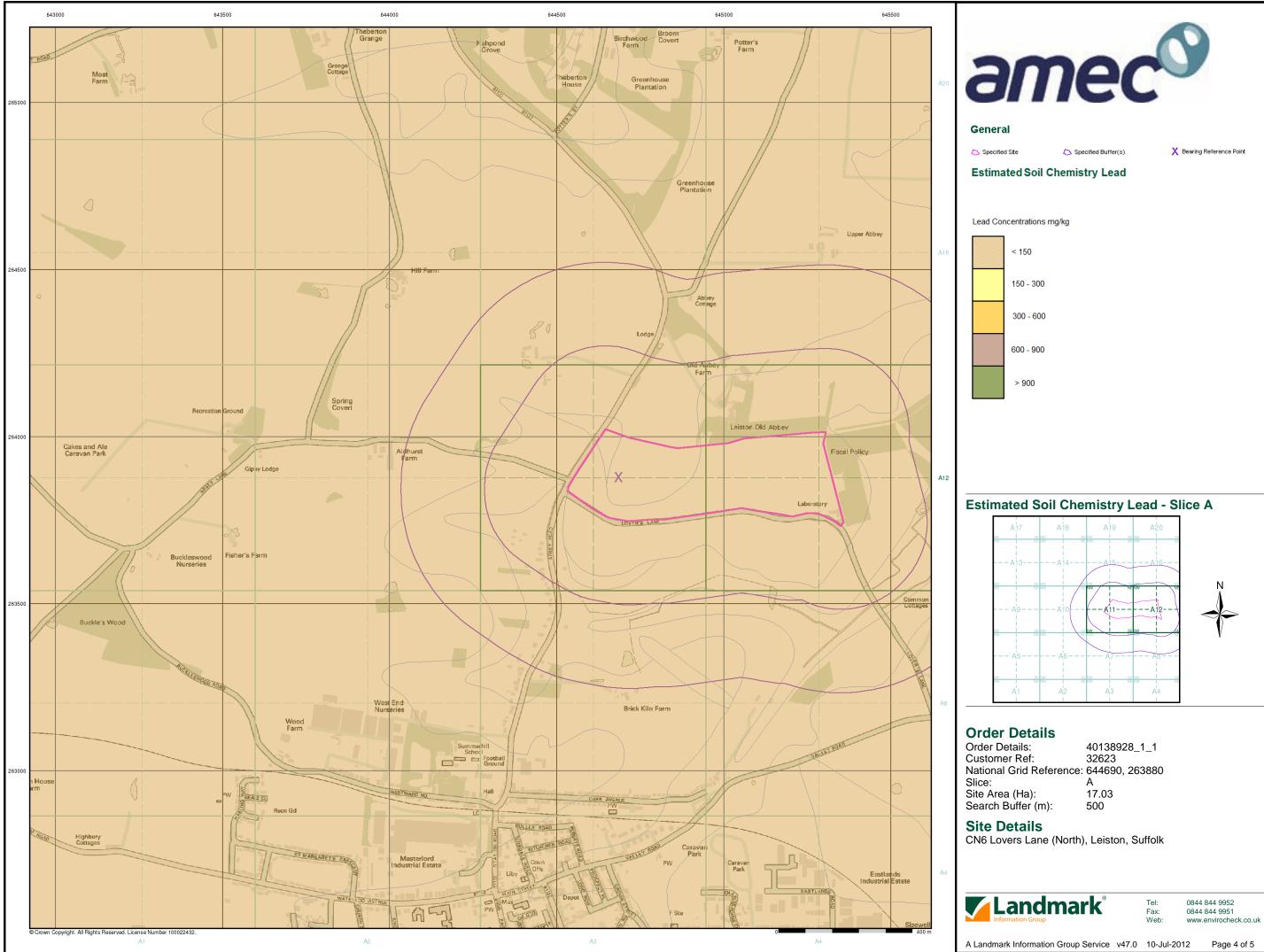




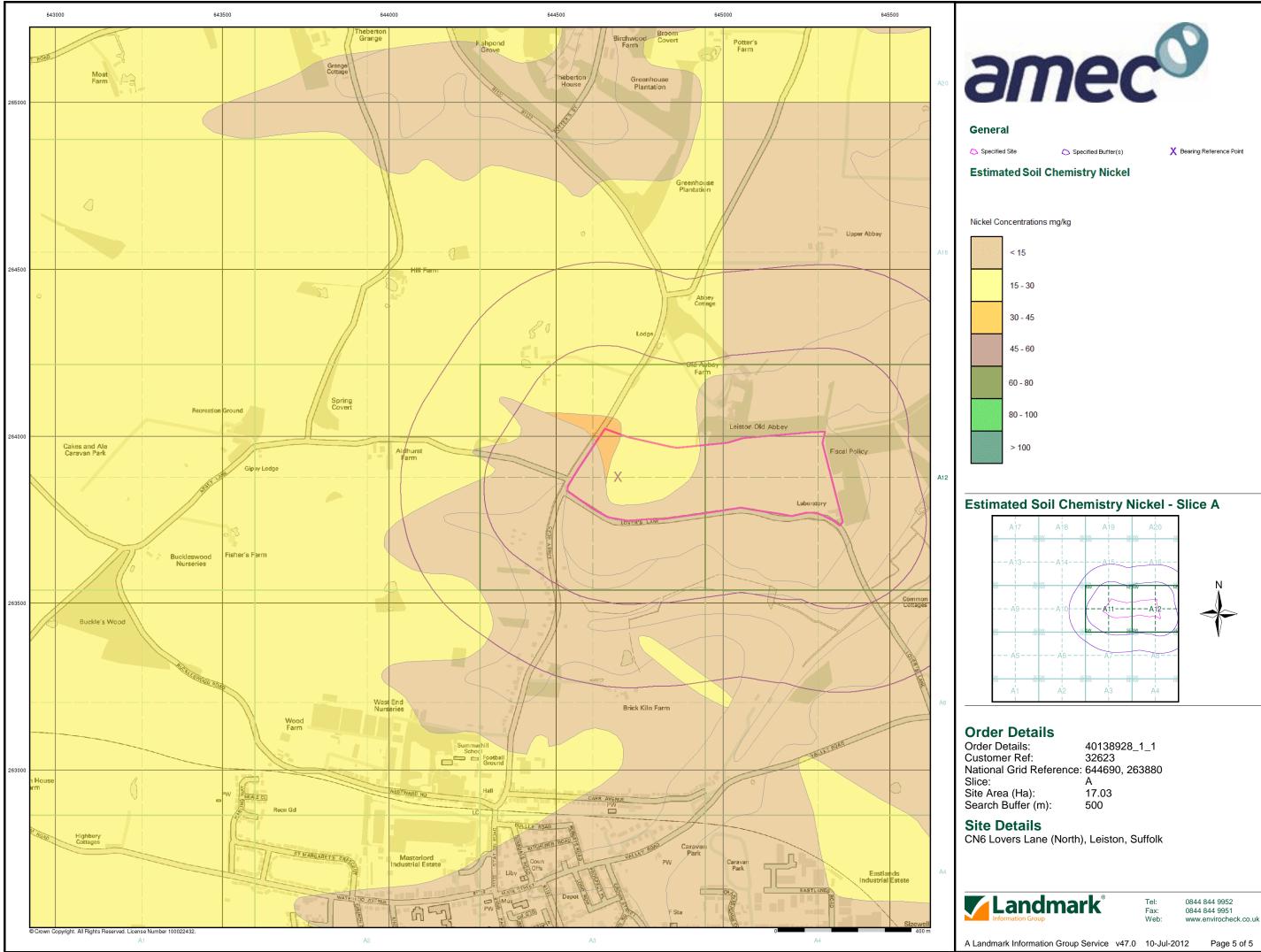


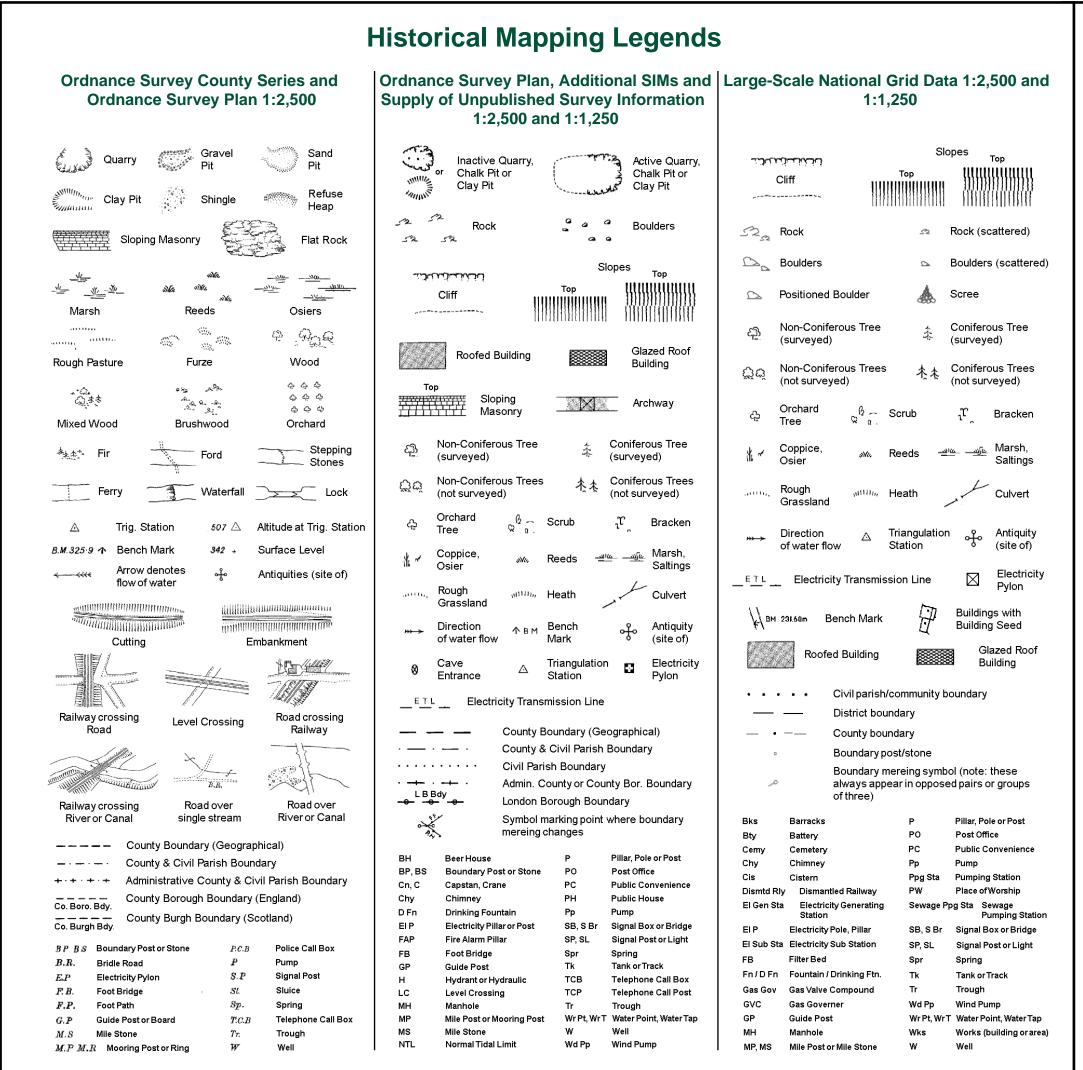






| < 150     |  |
|-----------|--|
| 150 - 300 |  |
| 300 - 600 |  |
| 600 - 900 |  |

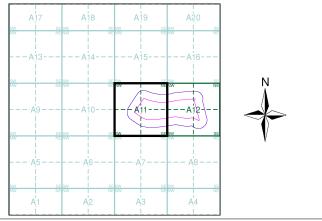




## Historical Mapping & Photography included:

| Mapping Type                             | Scale   | Date        | Pg |
|--|---------|-------------|----|
| Suffolk                                  | 1:2,500 | 1884        | 2  |
| Suffolk                                  | 1:2,500 | 1904        | 3  |
| Suffolk                                  | 1:2,500 | 1927        | 4  |
| Ordnance Survey Plan                     | 1:2,500 | 1970 - 1971 | 5  |
| Supply of Unpublished Survey Information | 1:2,500 | 1975        | 6  |
| Additional SIMs                          | 1:2,500 | 1989        | 7  |
| Large-Scale National Grid Data           | 1:2,500 | 1995        | 8  |

## **Historical Map - Segment A11**



## **Order Details**

 Order Number:
 40138928\_1\_1

 Customer Ref:
 32623

 National Grid Reference:
 644690, 263880

 Slice:
 A

 Site Area (Ha):
 17.03

 Search Buffer (m):
 100

## Site Details

CN6 Lovers Lane (North), Leiston, Suffolk

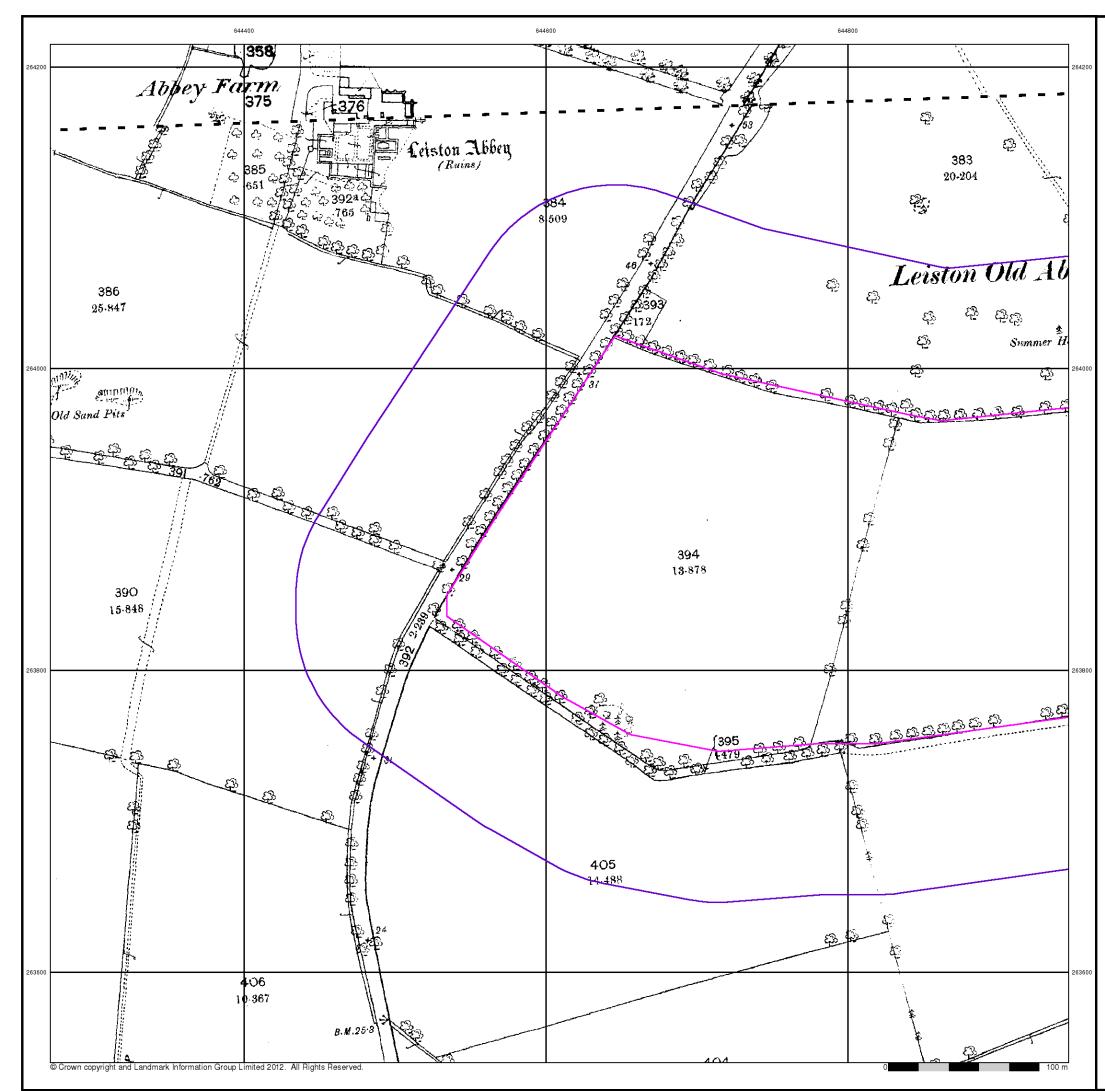


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Tel:

Fax:

Web

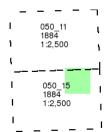




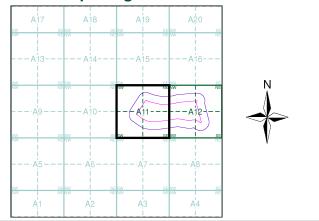
## Published 1884 Source map scale - 1:2,500

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

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



## **Historical Map - Segment A11**



## **Order Details**

Order Number: 40138928\_1\_1 32623 Customer Ref: National Grid Reference: 644690, 263880 Slice: А Site Area (Ha): Search Buffer (m): 17.03 100

## Site Details

CN6 Lovers Lane (North), Leiston, Suffolk

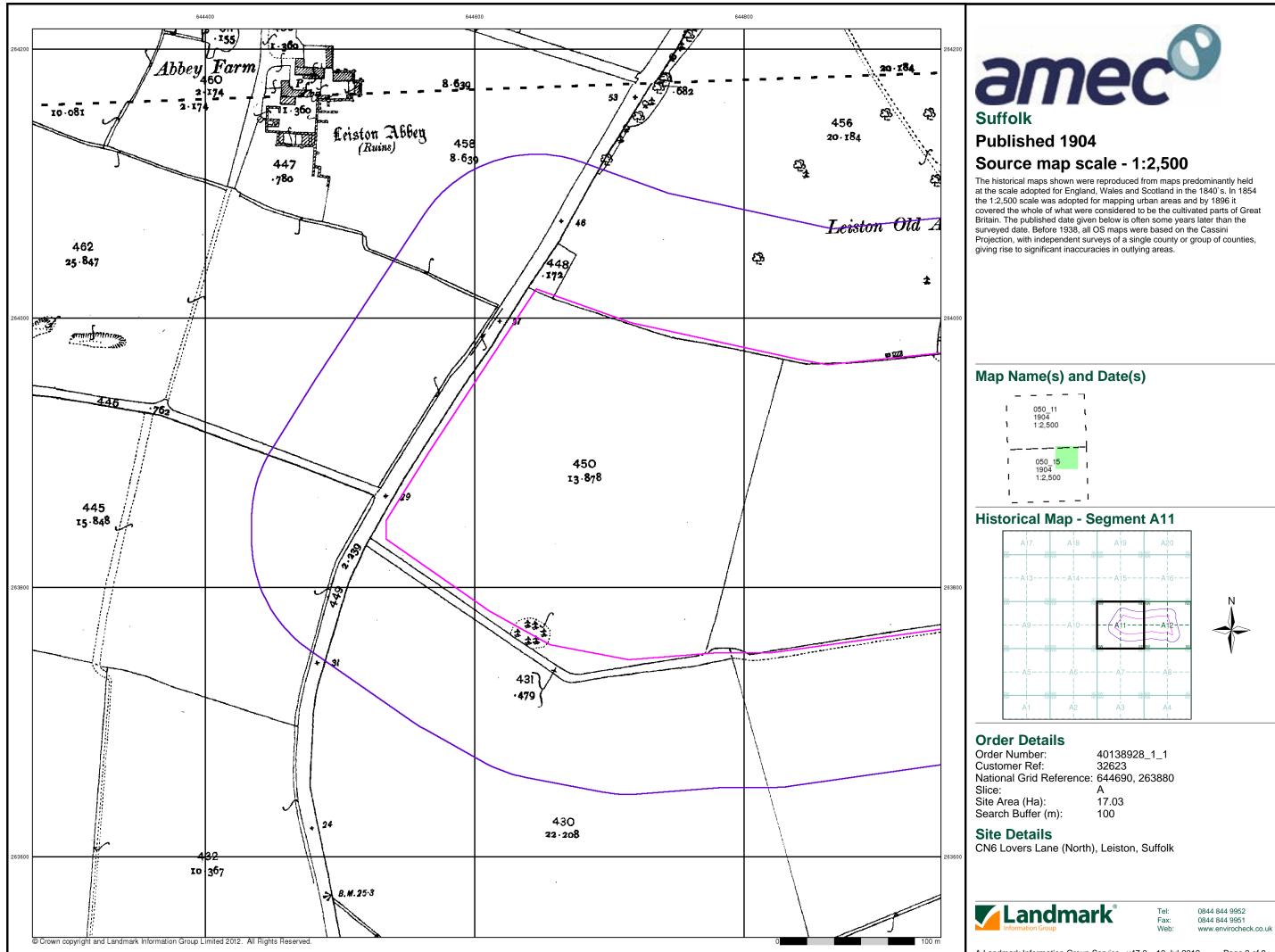


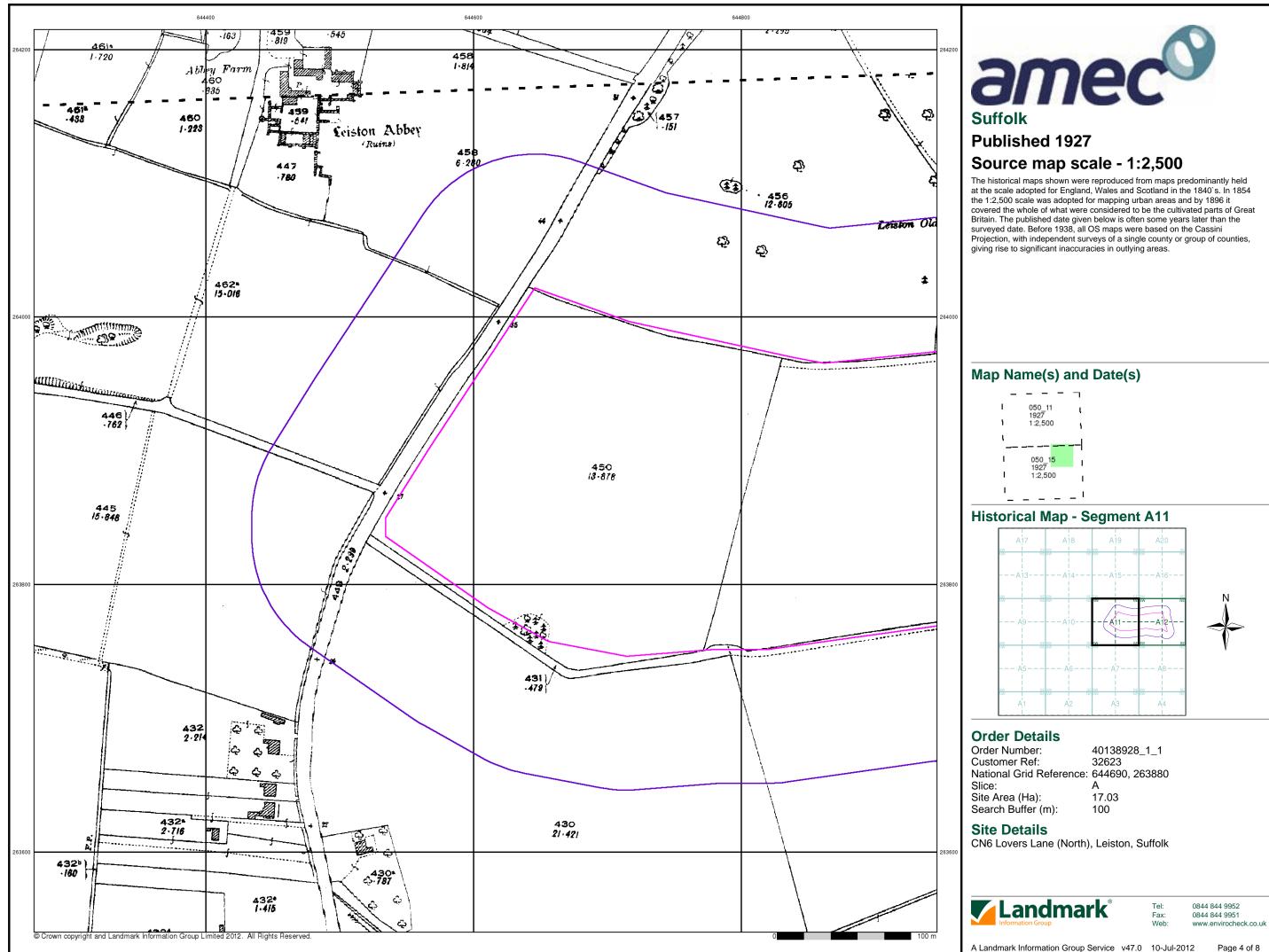
0844 844 9952

Tel: Fax:

Web

0844 844 9951 www.envirocheck.co.uk









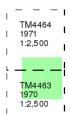
## **Ordnance Survey Plan**

## Published 1970 - 1971

## Source map scale - 1:2,500

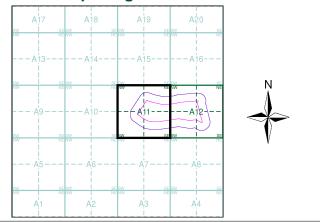
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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

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



· \_ \_ \_!

## **Historical Map - Segment A11**



## **Order Details**

 Order Number:
 40138928\_1\_1

 Customer Ref:
 32623

 National Grid Reference:
 644690, 263880

 Slice:
 A

 Site Area (Ha):
 17.03

 Search Buffer (m):
 100

## **Site Details**

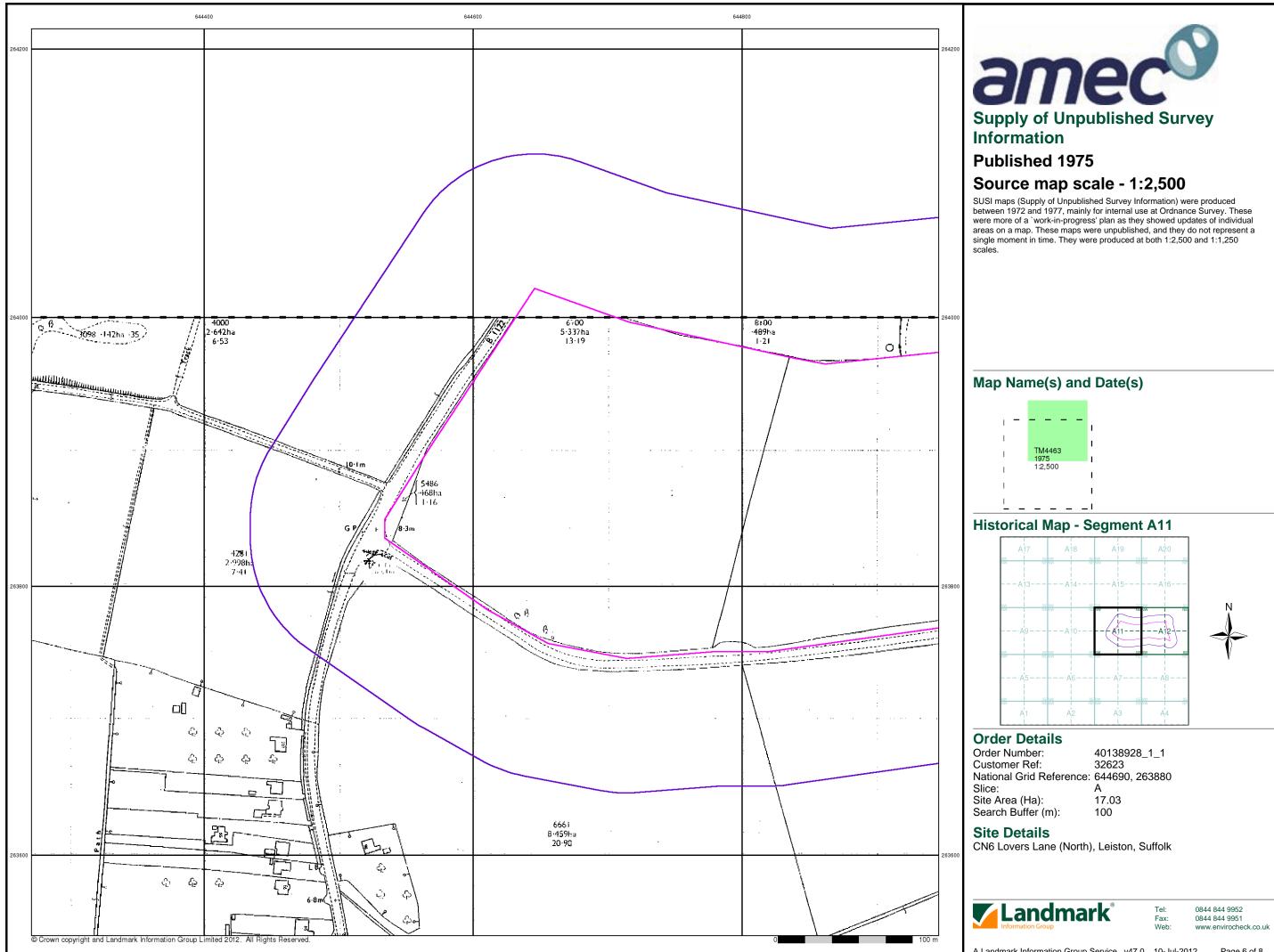
CN6 Lovers Lane (North), Leiston, Suffolk



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Tel: Fax:

Web:





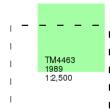
# Additional SIMs

## Published 1989

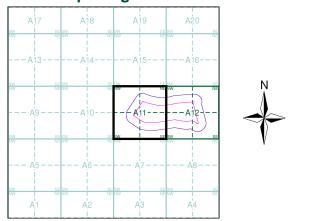
## Source map scale - 1:2,500

The SIM cards (Ordnance Survey's `Survey of Information on Microfilm') are further, minor editions of mapping which were produced and published in between the main editions as an area was updated. They date from 1947 to 1994, and contain detailed information on buildings, roads and land-use. These maps were produced at both 1:2,500 and 1:1,250 scales.

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



## Historical Map - Segment A11



## **Order Details**

 Order Number:
 40138928\_1\_1

 Customer Ref:
 32623

 National Grid Reference:
 644690, 263880

 Slice:
 A

 Site Area (Ha):
 17.03

 Search Buffer (m):
 100

## Site Details

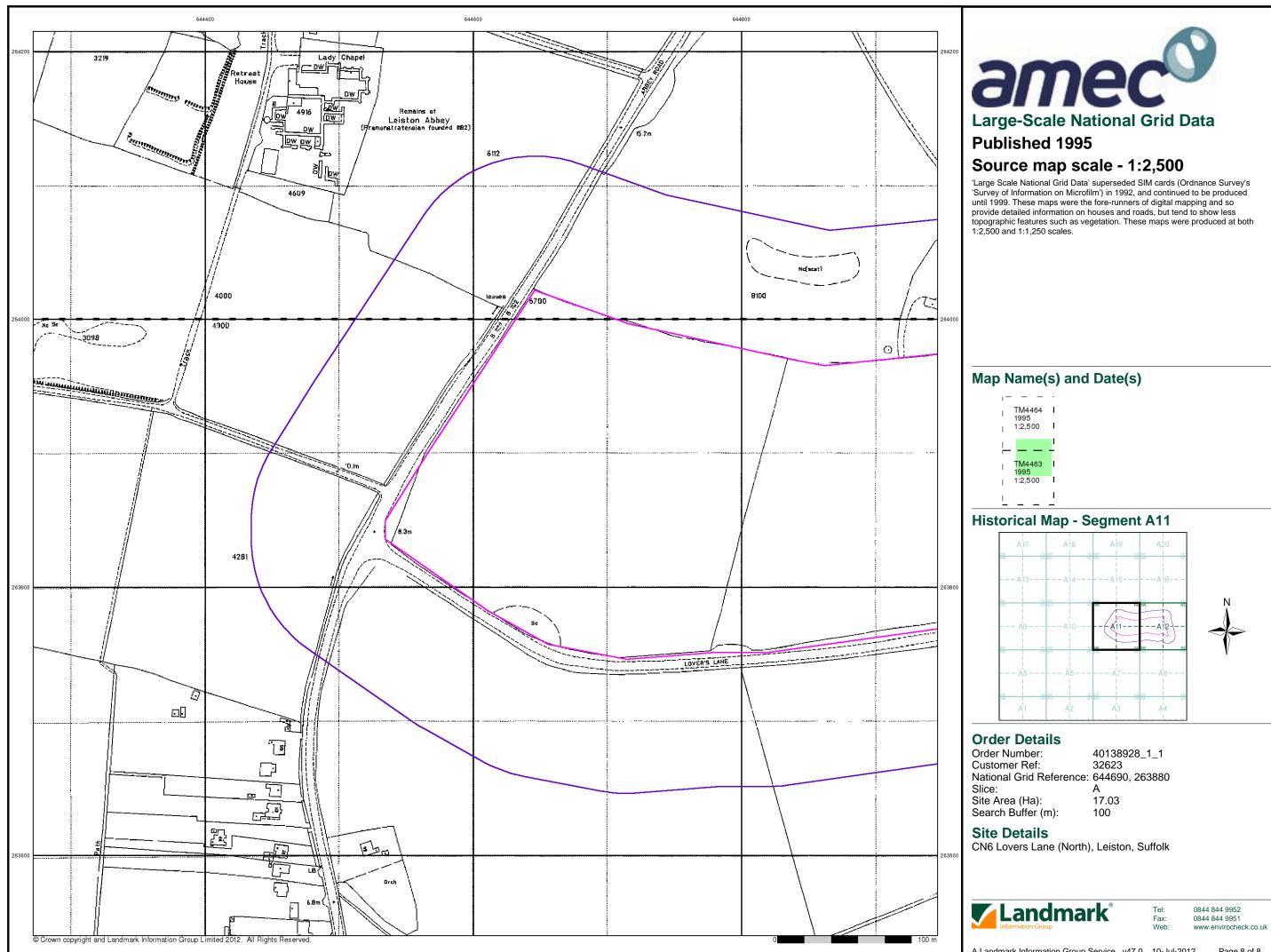
CN6 Lovers Lane (North), Leiston, Suffolk

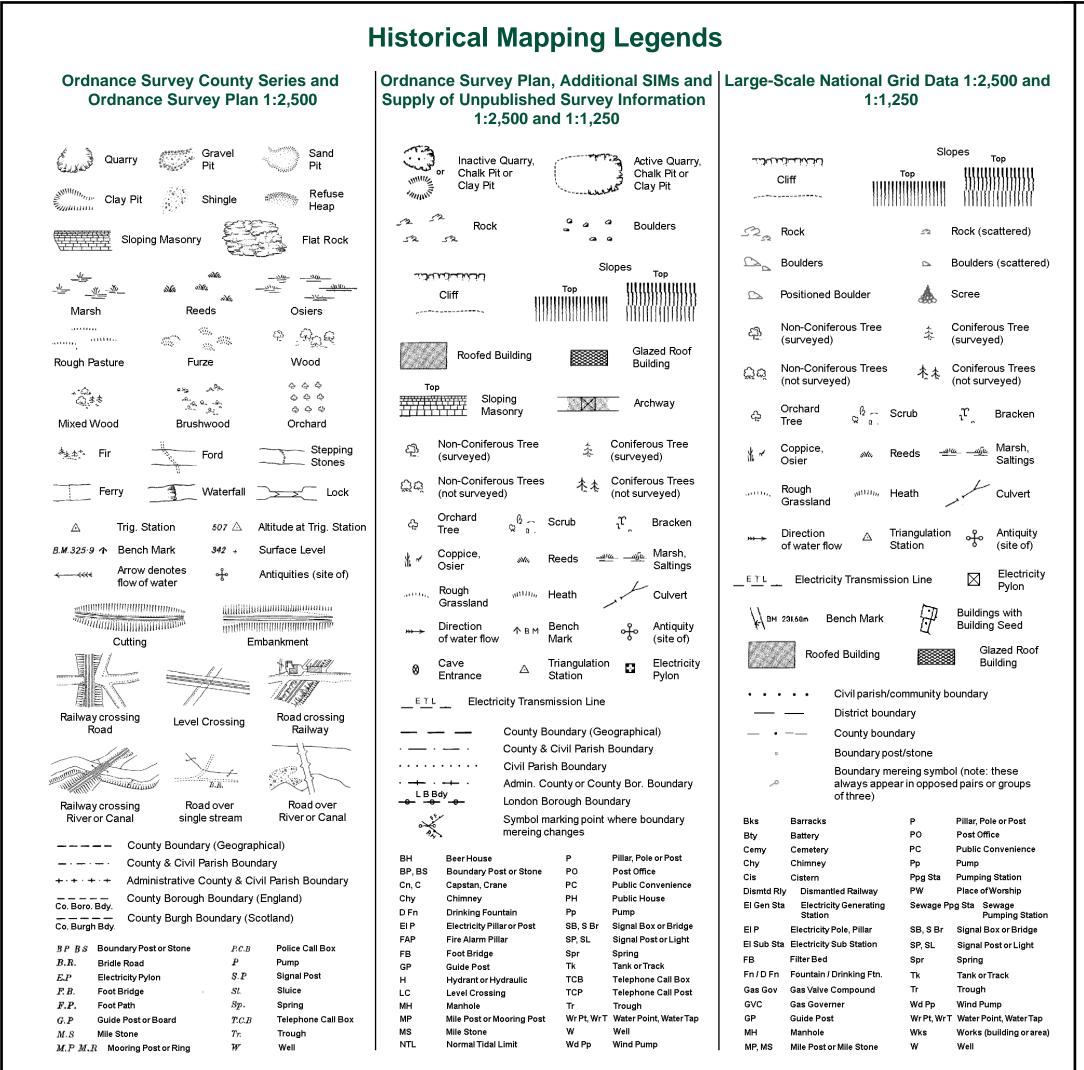


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Tel: Fax:

Web:

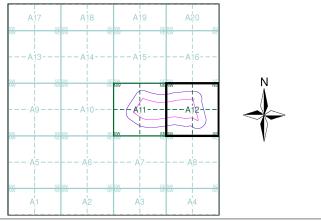




## Historical Mapping & Photography included:

| Mapping Type                             | Scale   | Date        | Pg |
|--|---------|-------------|----|
| Suffolk                                  | 1:2,500 | 1884        | 2  |
| Suffolk                                  | 1:2,500 | 1904        | 3  |
| Suffolk                                  | 1:2,500 | 1927        | 4  |
| Ordnance Survey Plan                     | 1:2,500 | 1970 - 1971 | 5  |
| Supply of Unpublished Survey Information | 1:2,500 | 1975        | 6  |
| Additional SIMs                          | 1:2,500 | 1989        | 7  |
| Large-Scale National Grid Data           | 1:2,500 | 1995        | 8  |

## Historical Map - Segment A12



## **Order Details**

 Order Number:
 40138928\_1\_1

 Customer Ref:
 32623

 National Grid Reference:
 644690, 263880

 Slice:
 A

 Site Area (Ha):
 17.03

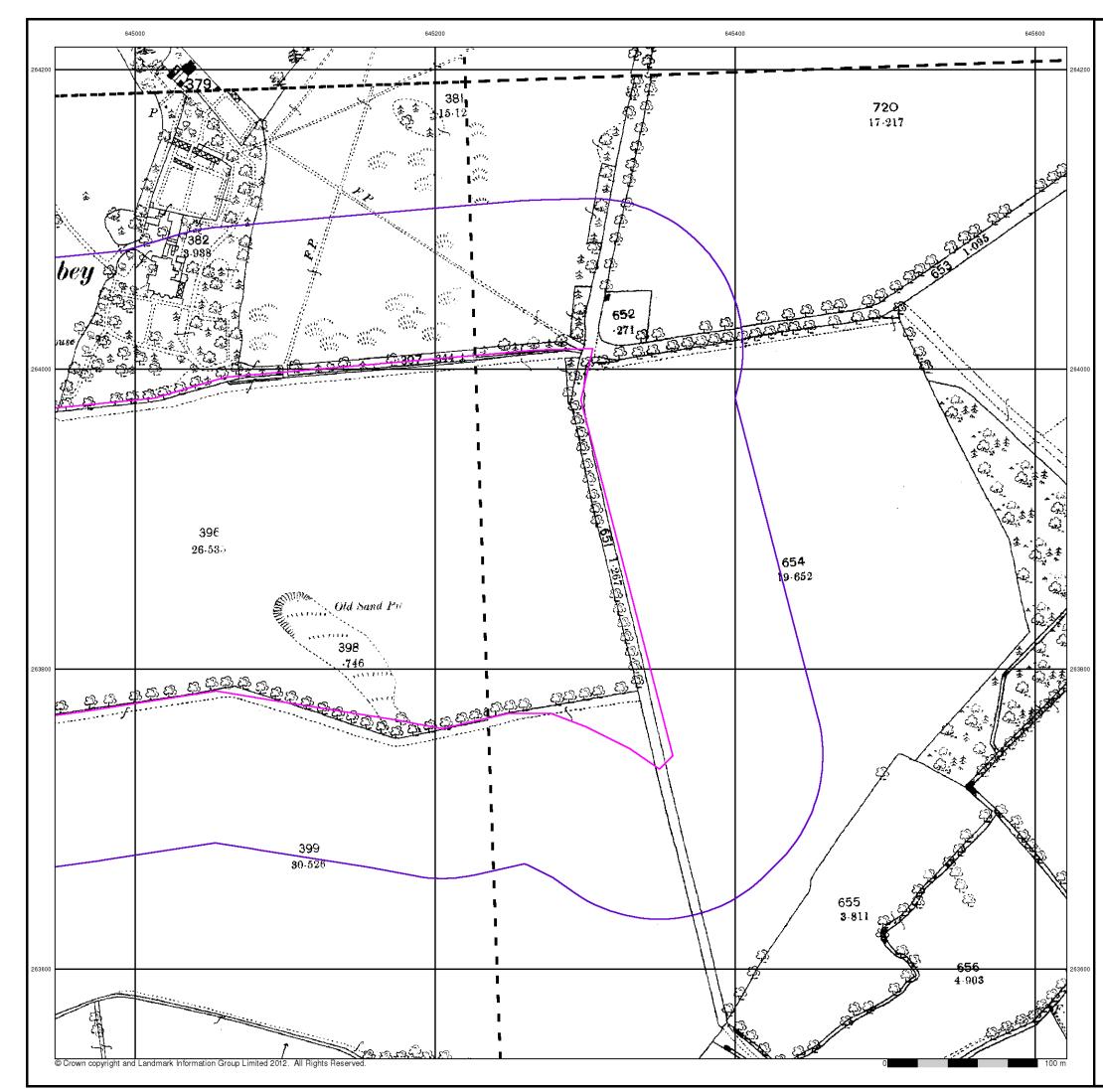
 Search Buffer (m):
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## Site Details

CN6 Lovers Lane (North), Leiston, Suffolk



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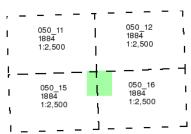




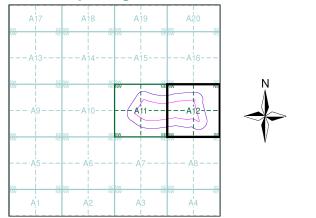
## Published 1884 Source map scale - 1:2,500

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

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



## Historical Map - Segment A12



## **Order Details**

 Order Number:
 40138928\_1\_1

 Customer Ref:
 32623

 National Grid Reference:
 644690, 263880

 Slice:
 A

 Site Area (Ha):
 17.03

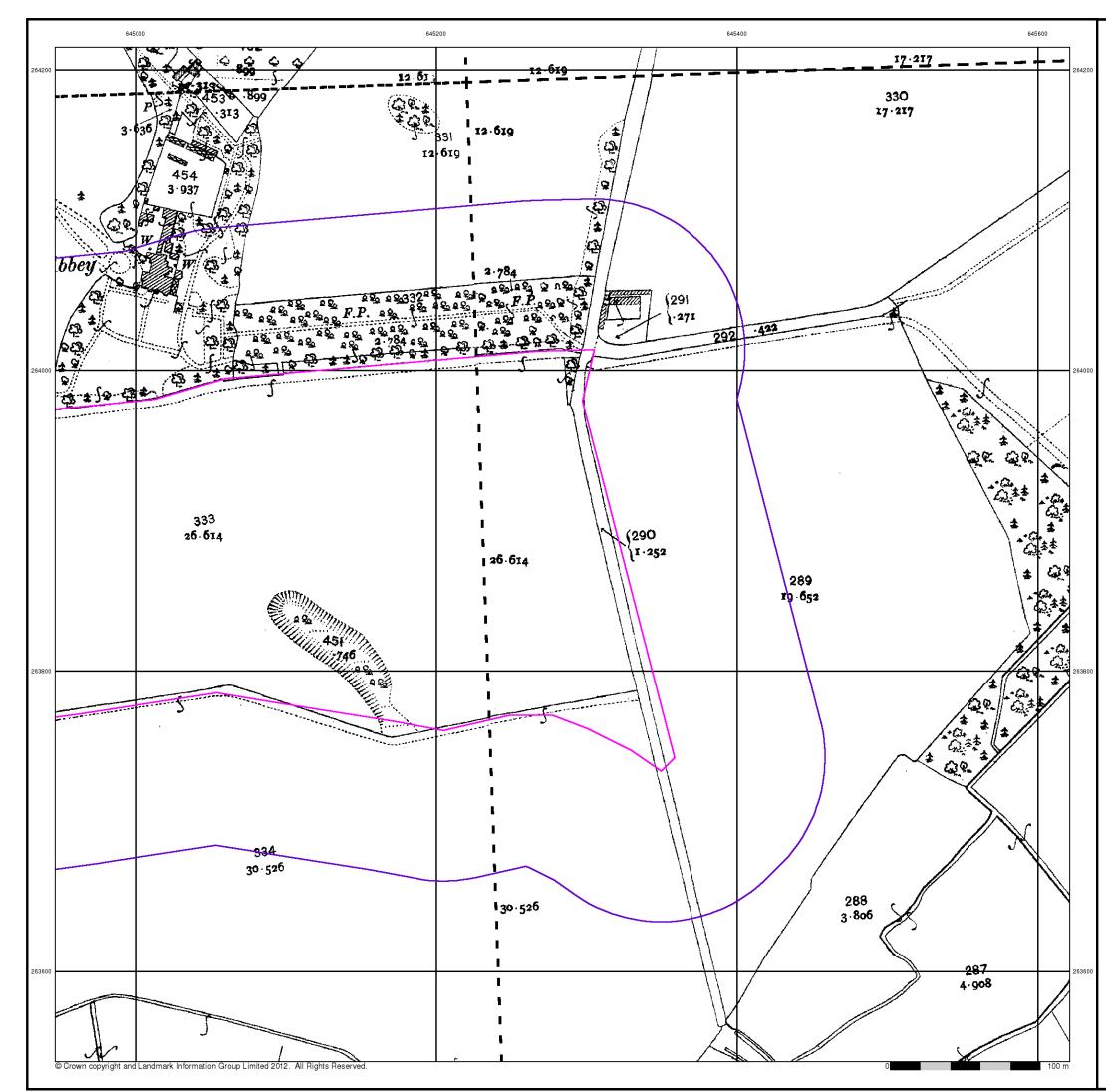
 Search Buffer (m):
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## Site Details

CN6 Lovers Lane (North), Leiston, Suffolk



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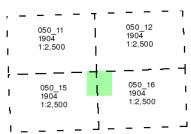




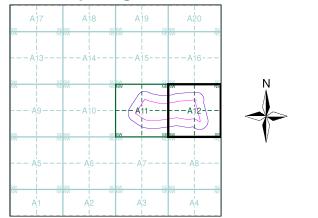
## Published 1904 Source map scale - 1:2,500

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

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



## **Historical Map - Segment A12**



## **Order Details**

 Order Number:
 40138928\_1\_1

 Customer Ref:
 32623

 National Grid Reference:
 644690, 263880

 Slice:
 A

 Site Area (Ha):
 17.03

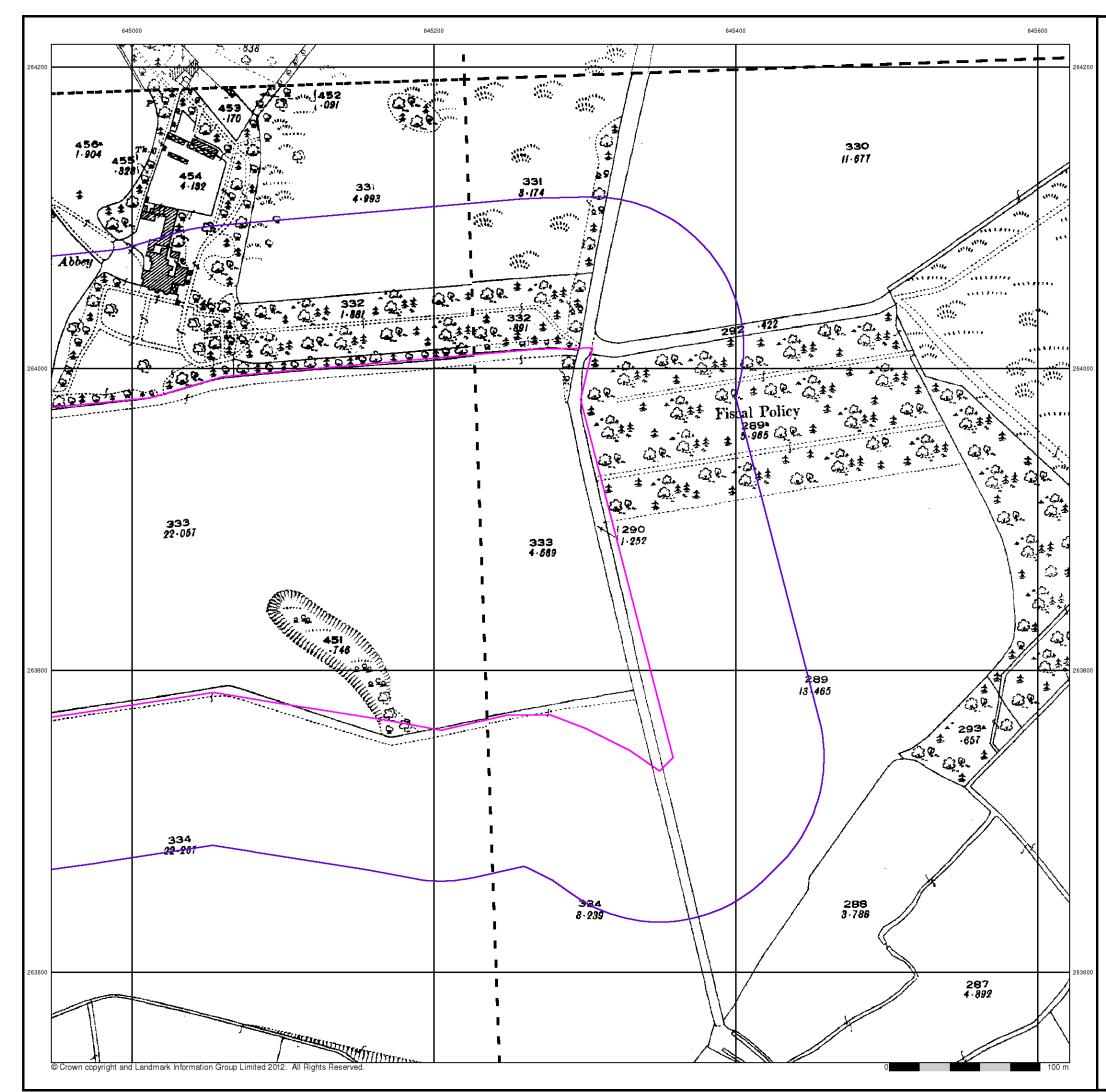
 Search Buffer (m):
 100

## **Site Details**

CN6 Lovers Lane (North), Leiston, Suffolk



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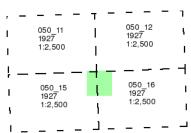




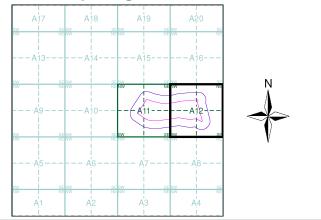
## Published 1927 Source map scale - 1:2,500

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

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



## Historical Map - Segment A12



## **Order Details**

 Order Number:
 40138928\_1\_1

 Customer Ref:
 32623

 National Grid Reference:
 644690, 263880

 Slice:
 A

 Site Area (Ha):
 17.03

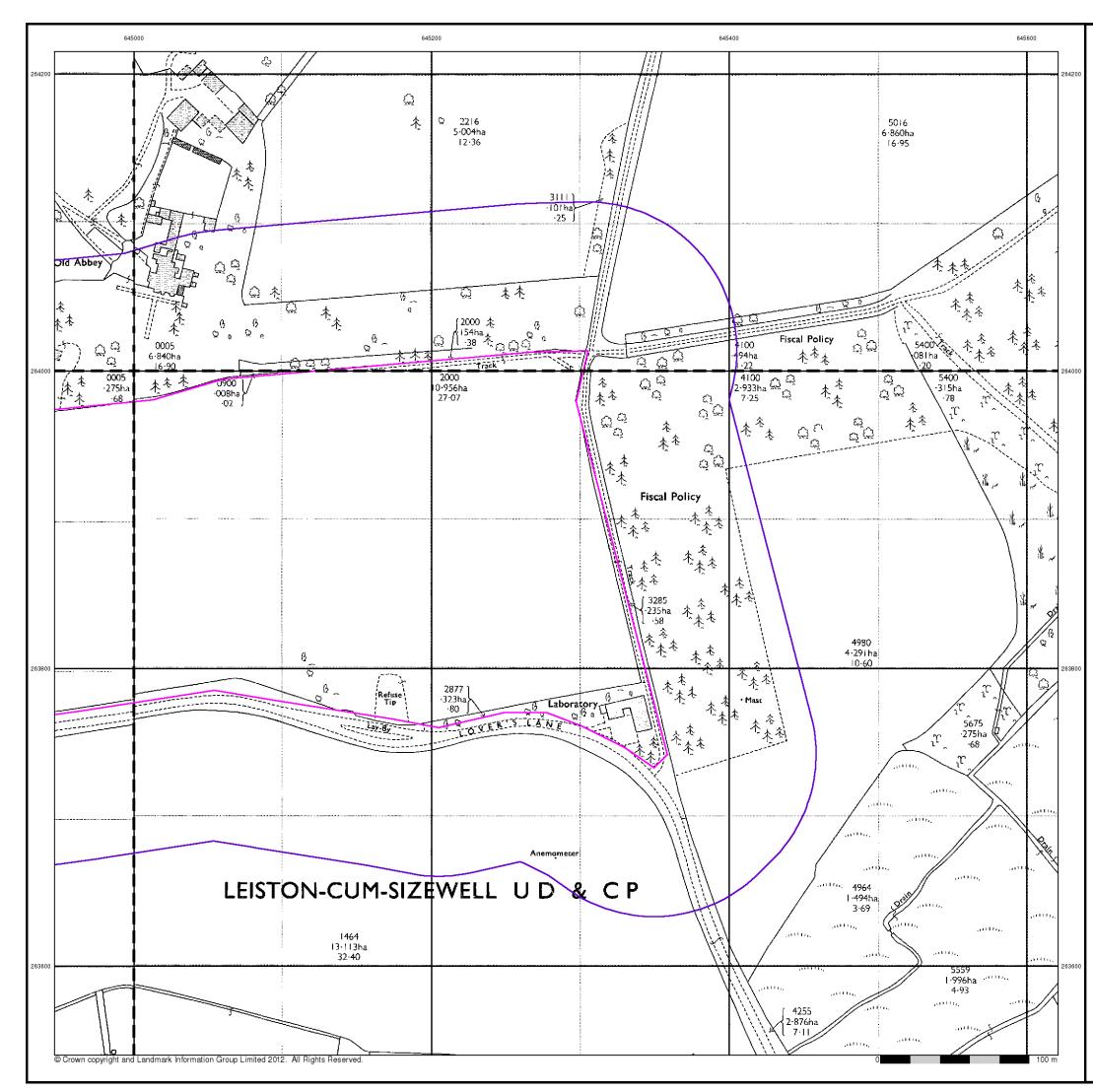
 Search Buffer (m):
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## Site Details

CN6 Lovers Lane (North), Leiston, Suffolk



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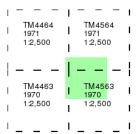
## **Ordnance Survey Plan**

## Published 1970 - 1971

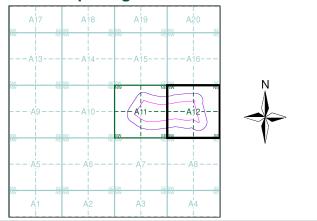
## Source map scale - 1:2,500

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

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



## **Historical Map - Segment A12**



## **Order Details**

 Order Number:
 40138928\_1\_1

 Customer Ref:
 32623

 National Grid Reference:
 644690, 263880

 Slice:
 A

 Site Area (Ha):
 17.03

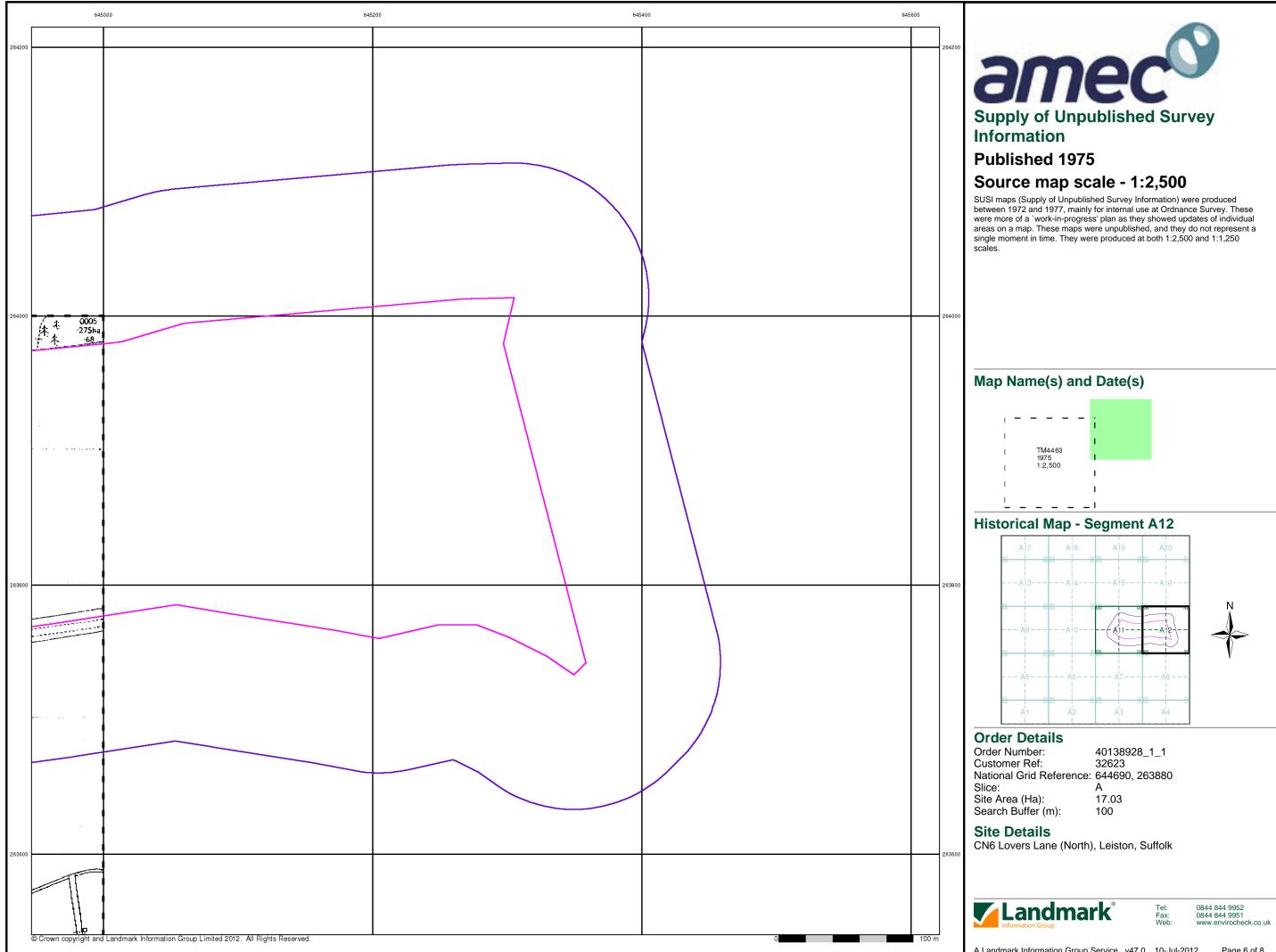
 Search Buffer (m):
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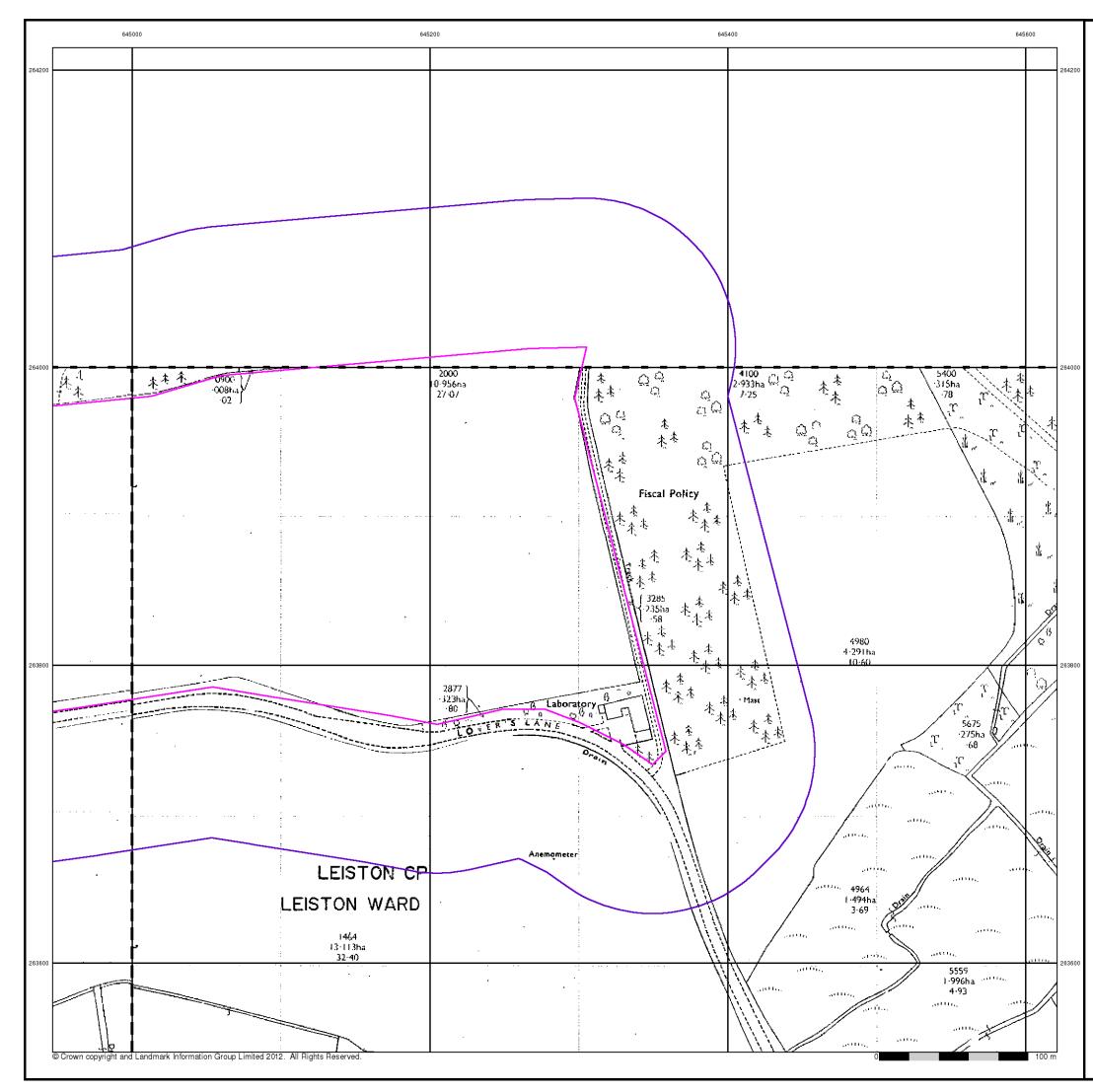
## Site Details

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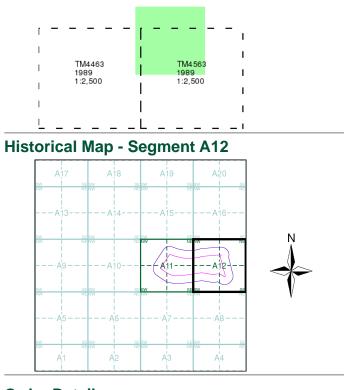
# Additional SIMs

## Published 1989

## Source map scale - 1:2,500

The SIM cards (Ordnance Survey's `Survey of Information on Microfilm') are further, minor editions of mapping which were produced and published in between the main editions as an area was updated. They date from 1947 to 1994, and contain detailed information on buildings, roads and land-use. These maps were produced at both 1:2,500 and 1:1,250 scales.

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



## **Order Details**

 Order Number:
 40138928\_1\_1

 Customer Ref:
 32623

 National Grid Reference:
 644690, 263880

 Slice:
 A

 Site Area (Ha):
 17.03

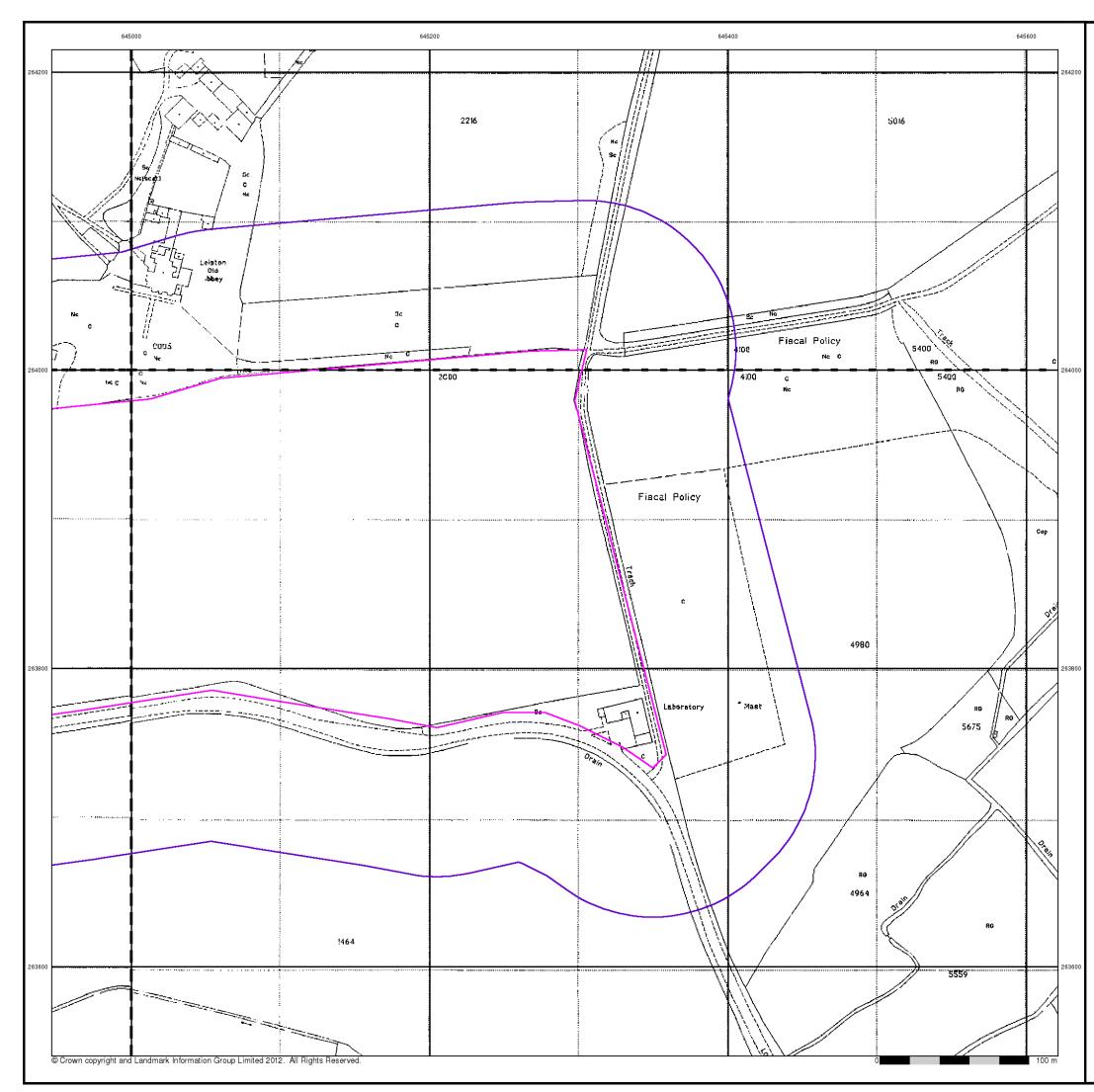
 Search Buffer (m):
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## Site Details

CN6 Lovers Lane (North), Leiston, Suffolk



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Large-Scale National Grid Data

## Published 1995

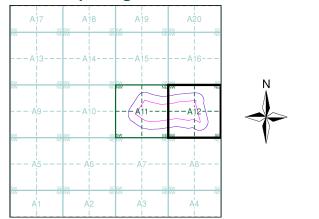
## Source map scale - 1:2,500

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

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

| — |                 |   |                 | _ |
|---|-----------------|---|-----------------|---|
| Ι | TM4464          | I | TM4564          | Т |
| Ι | 1995<br>1:2,500 | Т | 1995<br>1:2,500 | Т |
| Ι |                 | 1 |                 | Т |
| - |                 |   |                 | - |
| Ι | TM4463          | 1 | TM4563          | Т |
| T | 1995<br>1:2.500 | 1 | 1995<br>1:2,500 | Т |
| I |                 | Т |                 | Т |
| _ |                 |   |                 | _ |

## Historical Map - Segment A12



## **Order Details**

 Order Number:
 40138928\_1\_1

 Customer Ref:
 32623

 National Grid Reference:
 644690, 263880

 Slice:
 A

 Site Area (Ha):
 17.03

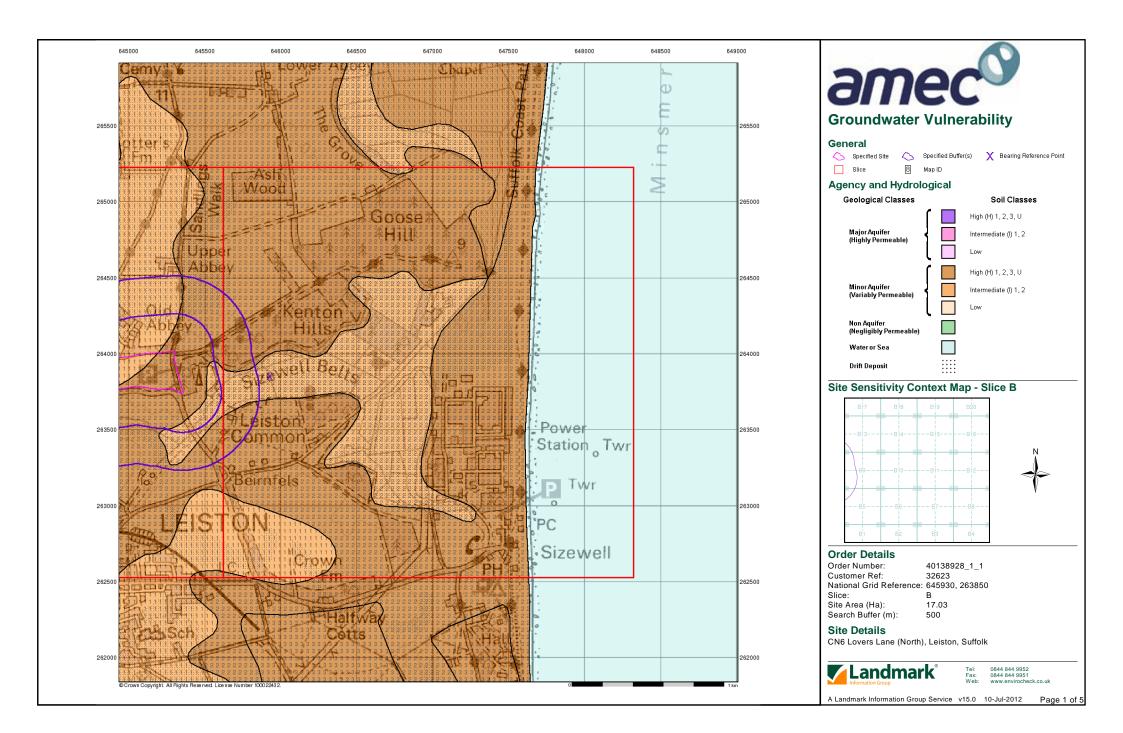
 Search Buffer (m):
 100

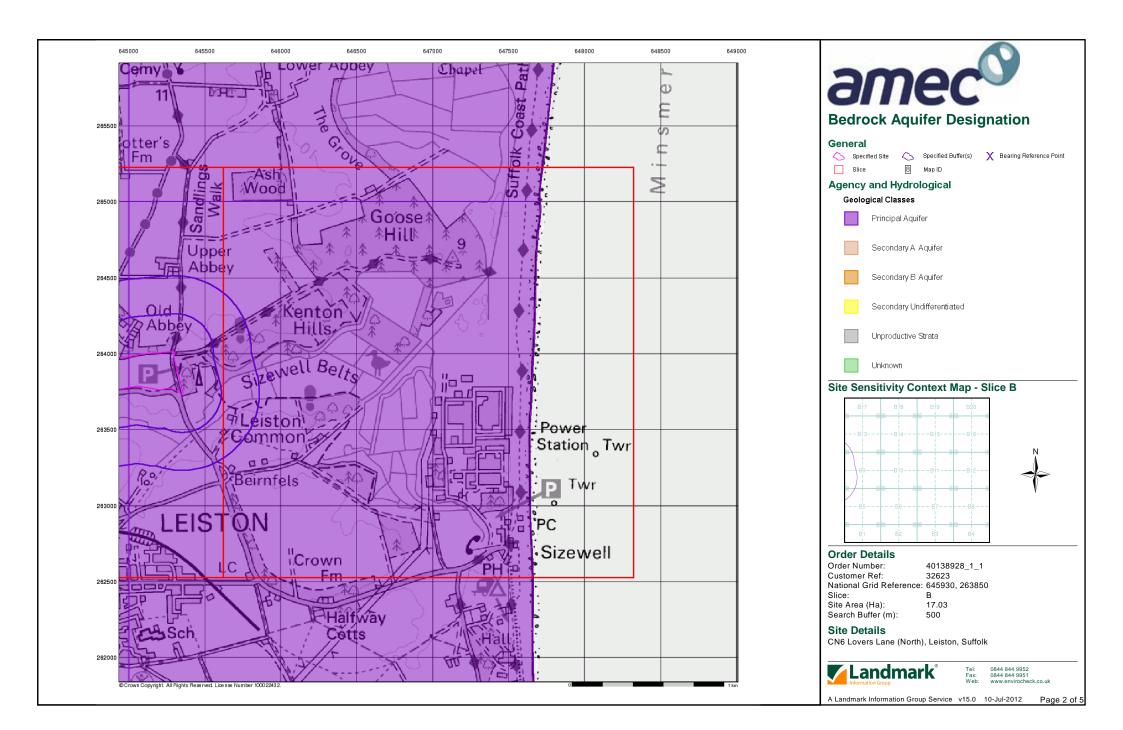
## Site Details

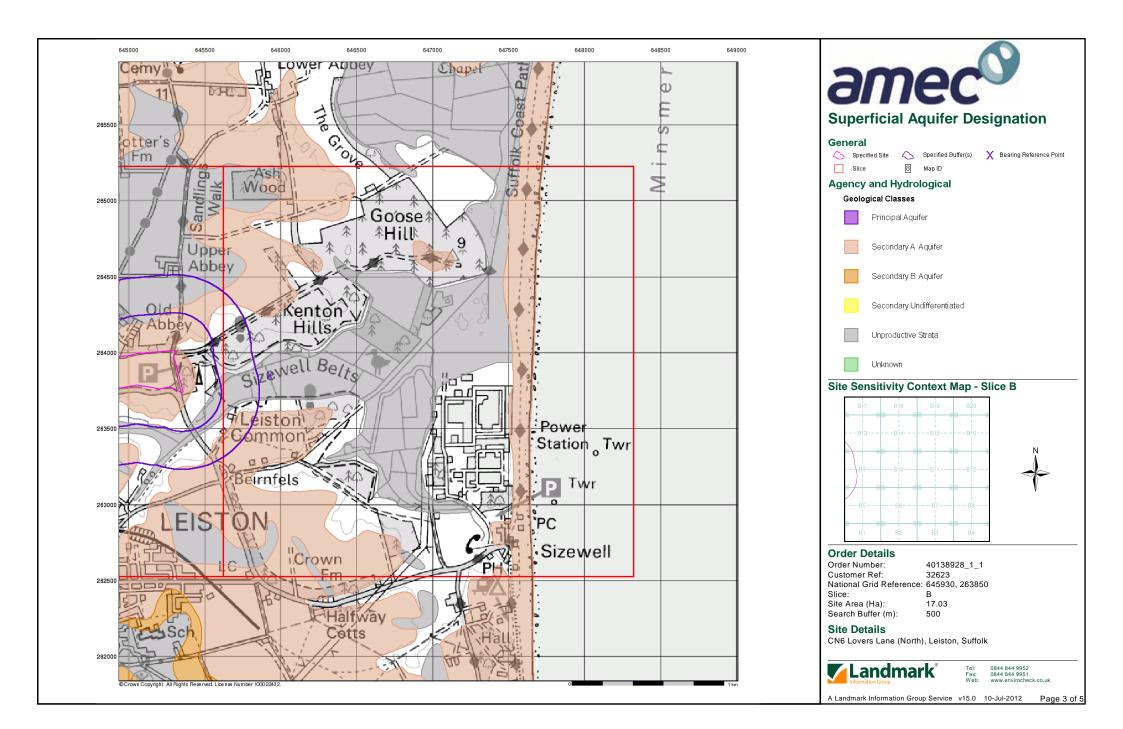
CN6 Lovers Lane (North), Leiston, Suffolk

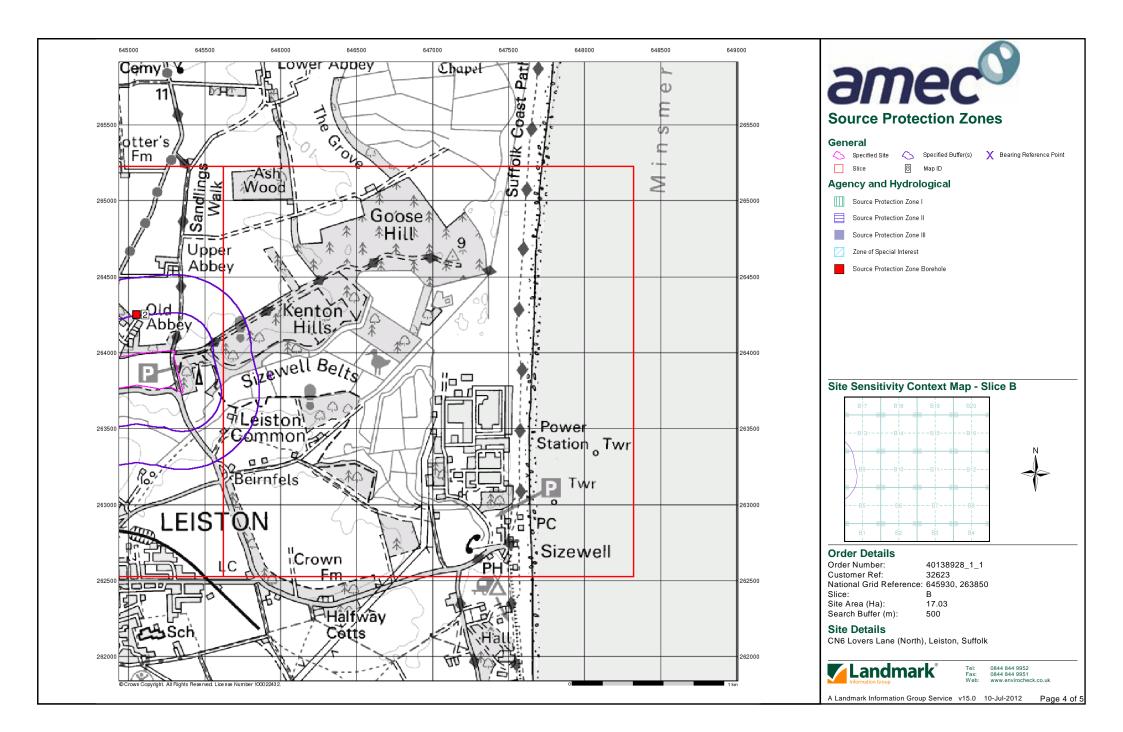


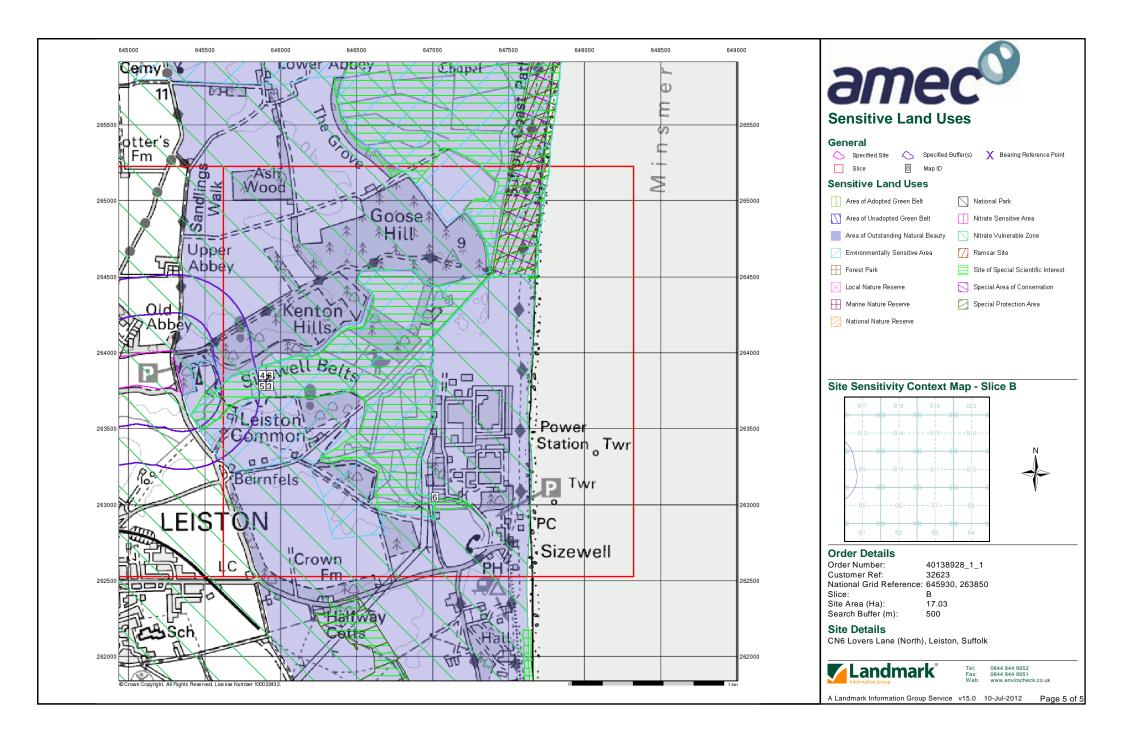
0844 844 9952 0844 844 9951 www.envirocheck.co.uk













## **Envirocheck® Report:**

## **Datasheet**

## **Order Details:**

Order Number: 40138928\_1\_1

## Customer Reference: 32623

## National Grid Reference: 645930, 263850

Slice: B

, ... .

Site Area (Ha): 17.03

Search Buffer (m): 500

## Site Details:

CN6 Lovers Lane (North) Leiston Suffolk

## **Client Details:**

Miss D Shankar AMEC Environment & Infrastructure UK Ltd Unit 1, Long Barn Village Road Nercwys Mold Flintshire CH7 4EW





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| Hazardous Substances  | -           |
| Geological            | 4           |
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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 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 the attached 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 v47.0



## Summary

| Data Type   | Page<br>Number | On Site | 0 to 250m | 251 to 500m<br>(*up to 1000m) |
|---|----------------|---------|-----------|-------------------------------|
| Agency & Hydrological   |                |         |           |                               |
| Contaminated Land Register Entries and Notices                |                |         |           |                               |
| Discharge Consents  |                |         |           |                               |
| 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 1           |         | Yes       |                               |
| Pollution Incidents to Controlled Waters                      | pg 1           |         |           | 1                             |
| Prosecutions Relating to Authorised Processes                 |                |         |           |                               |
| Prosecutions Relating to Controlled Waters                    |                |         |           |                               |
| Registered Radioactive Substances                             |                |         |           |                               |
| River Quality   |                |         |           |                               |
| River Quality Biology Sampling Points                         |                |         |           |                               |
| River Quality Chemistry Sampling Points                       |                |         |           |                               |
| Substantiated Pollution Incident Register                     |                |         |           |                               |
| Water Abstractions  | pg 1           |         |           | (*2)                          |
| Water Industry Act Referrals                                  |                |         |           |                               |
| Groundwater Vulnerability                                     | pg 1           | Yes     | n/a       | n/a                           |
| Bedrock Aquifer Designations                                  | pg 1           | Yes     | n/a       | n/a                           |
| Superficial Aquifer Designations                              | pg 1           | Yes     | n/a       | n/a                           |
| Source Protection Zones                                       | pg 2           |         |           | 1                             |
| Extreme Flooding from Rivers or Sea without Defences          | pg 2           |         | Yes       | n/a                           |
| Flooding from Rivers or Sea without Defences                  | pg 2           |         | Yes       | n/a                           |
| Areas Benefiting from Flood Defences                          |                |         |           | n/a                           |
| Flood Water Storage Areas                                     |                |         |           | n/a                           |
| Flood Defences  |                |         |           | n/a                           |
| 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 Recorded Landfill Sites                       |                |         |           |                               |
| Registered Landfill Sites                                     |                |         |           |                               |
| Registered Waste Transfer Sites                               |                |         |           |                               |
| Registered Waste Treatment or Disposal Sites                  |                |         |           |                               |
|   |                | 1       | 1         | <u> </u>                      |



## Summary

| Data Type   | Page<br>Number | On Site | 0 to 250m | 251 to 500m<br>(*up to 1000m) |
|---|----------------|---------|-----------|-------------------------------|
| 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 4           | Yes     | n/a       | n/a                           |
| BGS Estimated Soil Chemistry  | pg 4           | Yes     | Yes       | Yes                           |
| BGS Recorded Mineral Sites  |                |         |           |                               |
| BGS Urban Soil Chemistry  |                |         |           |                               |
| BGS Urban Soil Chemistry Averages                                   |                |         |           |                               |
| Brine Compensation Area   |                |         | n/a       | n/a                           |
| Coal Mining Affected Areas  |                |         | n/a       | n/a                           |
| Mining Instability  |                |         | n/a       | n/a                           |
| Man-Made Mining Cavities  |                |         |           |                               |
| Natural Cavities  |                |         |           |                               |
| Non Coal Mining Areas of Great Britain                              |                |         |           | n/a                           |
| Potential for Collapsible Ground Stability Hazards                  | pg 5           | Yes     |           | n/a                           |
| Potential for Compressible Ground Stability Hazards                 | pg 5           |         | Yes       | n/a                           |
| Potential for Ground Dissolution Stability Hazards                  |                |         |           | n/a                           |
| Potential for Landslide Ground Stability Hazards                    | pg 5           | Yes     |           | n/a                           |
| Potential for Running Sand Ground Stability Hazards                 | pg 5           | Yes     | Yes       | n/a                           |
| Potential for Shrinking or Swelling Clay Ground Stability Hazards   |                |         |           | n/a                           |
| Radon Potential - Radon Affected Areas                              |                |         | n/a       | n/a                           |
| Radon Potential - Radon Protection Measures                         |                |         | n/a       | n/a                           |
| Industrial Land Use   |                |         |           |                               |
| Contemporary Trade Directory Entries                                |                |         |           |                               |
| Fuel Station Entries  |                |         |           |                               |



## Summary

| Data Type                            | Page<br>Number | On Site | 0 to 250m | 251 to 500m<br>(*up to 1000m) |
|--------------------------------------|----------------|---------|-----------|-------------------------------|
| Sensitive Land Use                   |                |         |           |                               |
| Areas of Adopted Green Belt          |                |         |           |                               |
| Areas of Unadopted Green Belt        |                |         |           |                               |
| Areas of Outstanding Natural Beauty  | pg 6           | 1       |           |                               |
| Environmentally Sensitive Areas      | pg 6           |         | 1         |                               |
| Forest Parks                         |                |         |           |                               |
| Local Nature Reserves                |                |         |           |                               |
| Marine Nature Reserves               |                |         |           |                               |
| National Nature Reserves             |                |         |           |                               |
| National Parks                       |                |         |           |                               |
| Nitrate Sensitive Areas              |                |         |           |                               |
| Nitrate Vulnerable Zones             | pg 6           | 1       |           |                               |
| Ramsar Sites                         |                |         |           |                               |
| Sites of Special Scientific Interest | pg 6           |         | 1         |                               |
| Special Areas of Conservation        |                |         |           |                               |
| Special Protection Areas             |                |         |           |                               |



## Agency & Hydrological

| Map<br>ID |  | Details   | Quadrant<br>Reference<br>(Compass<br>Direction) | Estimated<br>Distance<br>From Site | Contact | NGR                                  |
|-----------|--|---|---|------------------------------------|---------|--------------------------------------|
|           | Nearest Surface Wa   | ter Feature   |   |                                    |         |                                      |
|           |  |   | B9SW<br>(W)                                     | 208                                | -       | 645647<br>263809                     |
|           | Pollution Incidents  | to Controlled Waters  | (11)  |                                    |         |                                      |
| 1         | Property Type:<br>Location:<br>Authority:<br>Pollutant:<br>Note:<br>Incident Date:<br>Incident Reference:<br>Catchment Area:<br>Receiving Water:<br>Cause of Incident:<br>Incident Severity:<br>Positional Accuracy:   | Water Company Sewage: Combined Sewer Overflow<br>Ipswich District<br>Environment Agency, Anglian Region<br>Storm Sewage<br>Leiston Stream<br>4th September 1995<br>2428<br>Not Given<br>Freshwater Stream/River<br>Low Dissolved Oxygen<br>Category 3 - Minor Incident<br>Located by supplier to within 100m  | B9SW<br>(SW)                                    | 345                                | 1       | 645700<br>263700                     |
|           | Water Abstractions   |   |   |                                    |         |                                      |
|           | Operator:<br>Licence Number:<br>Permit Version:<br>Location:<br>Authority:<br>Abstraction Type:<br>Source:<br>Daily Rate (m3):<br>Yearly Rate (m3):<br>Details:<br>Authorised Start:<br>Authorised Start:<br>Authorised Start:<br>Authorised Start:<br>Dermit Start Date:<br>Permit Start Date:<br>Permit Start Date:<br>Permit Version:<br>Location:<br>Authority:<br>Abstraction Type:<br>Source:<br>Daily Rate (m3):<br>Yearly Rate (m3):<br>Details:<br>Authorised Start:<br>Authorised Start:<br>Authorised Start:<br>Authorised Start:<br>Authorised Start:<br>Authorised Start:<br>Authorised Start:<br>Authorised Start:<br>Authorised Start:<br>Authorised End:<br>Permit Start Date: | A W Mortier (Farms) Ltd<br>7/35/03/*S/0075<br>101<br>Res At Leiston-Cum-Sizewell<br>Environment Agency, Anglian Region<br>General Agriculture: Spray Irrigation - Direct<br>Water may be abstracted from a single point<br>Surface<br>Not Supplied<br>Not Supplied<br>Status: Perpetuity<br>01 May<br>31 October<br>2nd October 1997<br>Not Supplied<br>Located by supplier to within 10m<br>G S Ogilvie Farms<br>7/35/03/*s/056<br>Not Supplied<br>Resevoir At Sizewell Belts, LEISTON<br>Environment Agency, Anglian Region<br>Spray Irrigation<br>Not Supplied<br>Stream<br>90<br>1637000<br>Status: Revoked<br>Not Supplied<br>Not Supplied<br>Not Supplied | B9SE<br>(SE)<br>B9SE<br>(E)                     | 645                                | 1       | 646000<br>263800<br>646050<br>263850 |
|           | Permit End Date:   | Not Supplied<br>Located by supplier to within 10m   |   |                                    |         |                                      |
|           | Groundwater Vulne  |   |   |                                    |         |                                      |
|           | Soil Classification:<br>Map Sheet:<br>Scale:   | Soils of Intermediate Leaching Potential (I1) - Soils which can possibly<br>transmit a wide range of pollutants<br>Sheet 33 East Suffolk<br>1:100,000   | (NW)  | 0                                  | 1       | 645302<br>264167                     |
|           | Groundwater Vulne<br>Soil Classification:<br>Map Sheet:<br>Scale:  | rability<br>Soils of High Leaching Potential (H2) - Deep, permeable, coarse textured soils<br>which readily transmit a wide range of pollutants because of their rapid<br>drainage and low attenuation potential<br>Sheet 33 East Suffolk<br>1:100.000  | B9NW<br>(NW)                                    | 0                                  | 1       | 645848<br>263934                     |
|           | Drift Deposits   | 1.100,000   |   |                                    |         |                                      |
|           | Drift Deposits<br>Drift Deposit:<br>Map Sheet:<br>Scale:   | Low permeability drift deposits occuring at the surface and overlying Major and Minor Aquifers are head, clay-with-flints, brickearth, peat, river terrace deposits and marine and estuarine alluvium Sheet 33 East Suffolk 1:100,000   | B13SW<br>(NW)                                   | 0                                  | 1       | 645623<br>264302                     |
|           | Scale:<br>Bedrock Aquifer De   |   |   |                                    |         |                                      |
|           | Aquifer Desination:  | -   | (W)   | 0                                  | 2       | 645003<br>263850                     |
|           | Bedrock Aquifer De<br>Aquifer Desination:  | -   | B9SW<br>(SW)                                    | 0                                  | 2       | 645928<br>263850                     |
|           | Superficial Aquifer<br>Aquifer Designation:  | -   | (W)   | 0                                  | 2       | 645003<br>264186                     |

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## Agency & Hydrological

| Map<br>ID |  | Details  | Quadrant<br>Reference<br>(Compass<br>Direction) | Estimated<br>Distance<br>From Site | Contact | NGR              |
|-----------|--|--|---|------------------------------------|---------|------------------|
|           | Superficial Aquifer                              | Designations   |   |                                    |         |                  |
|           | Aquifer Designation:                             | Secondary Aquifer - A  | B13SW<br>(N)                                    | 0                                  | 2       | 645932<br>264234 |
|           | Superficial Aquifer                              | Designations   |   |                                    |         |                  |
|           | Aquifer Designation:                             | Secondary Aquifer - A  | (W)   | 0                                  | 2       | 645003<br>263850 |
|           | Source Protection                                | Zones  |   |                                    |         |                  |
| 2         | Name:<br>Source:<br>Reference:<br>Type:          | Bore Nr Leiston Old Abbey,Leis<br>Environment Agency, Head Office<br>An429<br>Groundwater Source | (NW)  | 256                                | 1       | 645050<br>264250 |
|           | Extreme Flooding f                               | rom Rivers or Sea without Defences   |   |                                    |         |                  |
|           | Type:<br>Flood Plain Type:<br>Boundary Accuracy: | Extent of Extreme Flooding from Rivers or Sea without Defences<br>Tidal Models<br>As Supplied    | B9SW<br>(SW)                                    | 129                                | 1       | 645928<br>263850 |
|           | Flooding from Rive                               | rs or Sea without Defences   |   |                                    |         |                  |
|           | Type:<br>Flood Plain Type:<br>Boundary Accuracy: | Extent of Flooding from Rivers or Sea without Defences<br>Tidal Models<br>As Supplied            | B9SW<br>(SW)                                    | 132                                | 1       | 645928<br>263850 |
|           | Areas Benefiting fr                              | om Flood Defences  |   |                                    |         |                  |
|           | None   |  |   |                                    |         |                  |
|           | Flood Water Storag                               | je Areas   |   |                                    |         |                  |
|           | None   |  |   |                                    |         |                  |
|           | Flood Defences                                   |  |   |                                    |         |                  |
|           | None   |  |   |                                    |         |                  |



## Waste

| Map<br>ID |                      | Details  | Quadrant<br>Reference<br>(Compass<br>Direction) | Estimated<br>Distance<br>From Site | Contact | NGR              |
|-----------|----------------------|--|---|------------------------------------|---------|------------------|
|           | Local Authority Land | fill Coverage  |   |                                    |         |                  |
|           |                      | Suffolk County Council<br>- Has supplied landfill data   |   | 0                                  | 6       | 645928<br>263850 |
|           | Local Authority Land | fill Coverage  |   |                                    |         |                  |
|           |                      | Suffolk Coastal District Council<br>- Had landfill data but passed it to the relevant environment agency |   | 0                                  | 7       | 645928<br>263850 |



## Geological

| Map<br>ID |   | Details   | Quadrant<br>Reference<br>(Compass<br>Direction) | Estimated<br>Distance<br>From Site | Contact | NGR              |
|-----------|---|---|---|------------------------------------|---------|------------------|
|           | BGS 1:625,000 Soli  | d Geology   |   |                                    |         |                  |
|           | Description:  | Norwich Crag, Red Crag and Chillesford Clay   | B9SW<br>(SW)                                    | 0                                  | 2       | 645928<br>263850 |
|           | BGS Estimated Soil<br>Source:<br>Soil Sample Type:<br>Arsenic<br>Concentration:<br>Cadmium<br>Concentration:<br>Chromium<br>Concentration:<br>Lead Concentration:       | British Geological Survey, National Geoscience Information Service<br>Rural Soil<br><15 mg/kg<br><1.8 mg/kg<br>20 - 40 mg/kg                    | B13SW<br>(N)                                    | 0                                  | 3       | 645929<br>264233 |
|           | Nickel<br>Concentration:  | <15 mg/kg   |   |                                    |         |                  |
|           | BGS Estimated Soil  | l Chemistry   |   |                                    |         |                  |
|           | Source:<br>Soil Sample Type:<br>Arsenic<br>Concentration:<br>Cadmium<br>Concentration:<br>Chromium<br>Concentration:<br>Lead Concentration:<br>Nickel<br>Concentration: | British Geological Survey, National Geoscience Information Service<br>Rural Soil<br><15 mg/kg<br><1.8 mg/kg<br>20 - 40 mg/kg                    | B9NW<br>(N)                                     | 17                                 | 3       | 645928<br>264000 |
|           | BGS Estimated Soil  | l Chemistry   |   |                                    |         |                  |
|           | Source:<br>Soil Sample Type:<br>Arsenic<br>Concentration:<br>Cadmium<br>Concentration:<br>Chromium<br>Concentration:<br>Lead Concentration:                             | British Geological Survey, National Geoscience Information Service<br>Rural Soil<br><15 mg/kg<br><1.8 mg/kg<br>20 - 40 mg/kg<br><150 mg/kg      | B9NW<br>(NW)                                    | 48                                 | 3       | 645863<br>263930 |
|           | Nickel<br>Concentration:  | <15 mg/kg   |   |                                    |         |                  |
|           | BGS Estimated Soil<br>Source:<br>Soil Sample Type:<br>Arsenic<br>Concentration:<br>Cadmium<br>Concentration:<br>Chromium  | I Chemistry<br>British Geological Survey, National Geoscience Information Service<br>Rural Soil<br>15 - 25 mg/kg<br><1.8 mg/kg<br>20 - 40 mg/kg | B9SW<br>(SW)                                    | 167                                | 3       | 645928<br>263850 |
|           | Concentration:<br>Lead Concentration:<br>Nickel<br>Concentration:   | <150 mg/kg<br><15 mg/kg   |   |                                    |         |                  |
|           | BGS Estimated Soil  | I Chemistry   |   |                                    |         |                  |
|           | Source:<br>Soil Sample Type:<br>Arsenic<br>Concentration:<br>Cadmium<br>Concentration:<br>Chromium<br>Concentration:<br>Lead Concentration:<br>Nickel<br>Concentration: | British Geological Survey, National Geoscience Information Service<br>Rural Soil<br><15 mg/kg<br><1.8 mg/kg<br>40 - 60 mg/kg                    | B13SW<br>(NW)                                   | 193                                | 3       | 645650<br>264433 |
|           |   | Chamistry   |   |                                    |         |                  |
|           | BGS Estimated Soil<br>Source:<br>Soil Sample Type:<br>Arsenic<br>Concentration:<br>Cadmium<br>Concentration:<br>Chromium<br>Concentration:<br>Lead Concentration:       | British Geological Survey, National Geoscience Information Service<br>Rural Soil<br><15 mg/kg<br><1.8 mg/kg<br>20 - 40 mg/kg                    | B9SW<br>(S)                                     | 295                                | 3       | 645935<br>263690 |
|           | Nickel<br>Concentration:  | <15 mg/kg   |   |                                    |         |                  |



## Geological

| Map<br>ID | Details   | Quadrant<br>Reference<br>(Compass<br>Direction) | Estimated<br>Distance<br>From Site | Contact | NGR              |
|-----------|---|---|------------------------------------|---------|------------------|
|           | BGS Estimated Soil Chemistry  |   |                                    |         |                  |
|           | Source:     British Geological Survey, National Geoscience Information Service       Soil Sample Type:     Rural Soil       Arsenic     <15 mg/kg   | B9SW<br>(S)                                     | 381                                | 3       | 645930<br>263610 |
|           | Cadmium <1.8 mg/kg<br>Concentration:<br>Charmium 20 40 mg/kg  |   |                                    |         |                  |
|           | Chromium 20 - 40 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg  |   |                                    |         |                  |
|           | Nickel <15 mg/kg<br>Concentration:  |   |                                    |         |                  |
|           | BGS Measured Urban Soil Chemistry   |   |                                    |         |                  |
|           | No data available   |   |                                    |         |                  |
|           | BGS Urban Soil Chemistry Averages<br>No data available  |   |                                    |         |                  |
|           | Coal Mining Affected Areas  |   |                                    |         |                  |
|           | In an area that might not be affected by coal mining  |   |                                    |         |                  |
|           | Non Coal Mining Areas of Great Britain<br>No Hazard   |   |                                    |         |                  |
|           | Potential for Collapsible Ground Stability Hazards  |   |                                    |         |                  |
|           | Hazard Potential:         Very Low           Source:         British Geological Survey, National Geoscience Information Service   | B9NW<br>(NW)                                    | 0                                  | 2       | 645863<br>263930 |
|           | Potential for Collapsible Ground Stability Hazards  |   |                                    |         |                  |
|           | Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service   | B9SW<br>(SW)                                    | 168                                | 2       | 645928<br>263850 |
|           | Potential for Compressible Ground Stability Hazards           Hazard Potential:         No Hazard           Source:         British Geological Survey, National Geoscience Information Service  | B9NW<br>(NW)                                    | 0                                  | 2       | 645863<br>263930 |
|           | Potential for Compressible Ground Stability Hazards   |   |                                    |         |                  |
|           | Hazard Potential:         High           Source:         British Geological Survey, National Geoscience Information Service   | B9SW<br>(SW)                                    | 168                                | 2       | 645928<br>263850 |
|           | Potential for Ground Dissolution Stability Hazards<br>No Hazard   |   |                                    |         |                  |
|           | Potential for Landslide Ground Stability Hazards  |   |                                    |         |                  |
|           | Hazard Potential:         Very Low           Source:         British Geological Survey, National Geoscience Information Service   | B9SW<br>(SW)                                    | 0                                  | 2       | 645928<br>263850 |
|           | Potential for Running Sand Ground Stability Hazards           Hazard Potential:         Very Low           Source:         British Geological Survey, National Geoscience Information Service   | B13SW<br>(N)                                    | 0                                  | 2       | 645932<br>264234 |
|           | Potential for Running Sand Ground Stability Hazards   |   |                                    |         |                  |
|           | Hazard Potential:         Low           Source:         British Geological Survey, National Geoscience Information Service  | B9NW<br>(NW)                                    | 20                                 | 2       | 645863<br>263930 |
|           | Potential for Running Sand Ground Stability Hazards   |   |                                    |         |                  |
|           | Hazard Potential:         Very Low           Source:         British Geological Survey, National Geoscience Information Service   | B9SW<br>(SW)                                    | 168                                | 2       | 645928<br>263850 |
|           | Potential for Shrinking or Swelling Clay Ground Stability Hazards   |   |                                    |         |                  |
|           | Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service   | B9SW<br>(SW)                                    | 0                                  | 2       | 645928<br>263850 |
|           | Radon Potential - Radon Protection Measures   |   |                                    |         |                  |
|           | Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions<br>Source: British Geological Survey, National Geoscience Information Service | B9SW<br>(SW)                                    | 0                                  | 2       | 645928<br>263850 |
|           | Radon Potential - Radon Affected Areas  |   |                                    |         |                  |
|           | Affected Area: The property is in a lower probability radon area, as less than 1% of homes are above the action level British Geological Survey, National Geoscience Information Service        | B9SW<br>(SW)                                    | 0                                  | 2       | 645928<br>263850 |



## **Sensitive Land Use**

| Map<br>ID |  | Details  | Quadrant<br>Reference<br>(Compass<br>Direction) | Estimated<br>Distance<br>From Site | Contact | NGR              |
|-----------|--|--|---|------------------------------------|---------|------------------|
| 3         | Areas of Outstandir<br>Name:   | n <mark>g Natural Beauty</mark><br>Suffolk Coast & Heaths  | B9SW  | 0                                  | 4       | 645928           |
|           | Multiple Areas:<br>Total Area (m2):<br>Designation Date:<br>Source:  | Y<br>405129557.32<br>31st March 1970<br>Natural England  | (SW)  | Ū.                                 |         | 263850           |
|           | Environmentally Se   | nsitive Areas  |   |                                    |         |                  |
| 4         | Name:<br>Multiple Areas:<br>Total Area (m2):<br>Source:  | Suffolk River Valleys<br>Y<br>18431673.02<br>Natural England   | B9SW<br>(SW)                                    | 16                                 | 4       | 645928<br>263850 |
|           | Nitrate Vulnerable 2   | Zones  |   |                                    |         |                  |
| 5         | Name:<br>Description:<br>Source:   | Not Supplied<br>NVZ Area<br>Department for Environment, Food and Rural Affairs (DEFRA - formerly<br>FRCA)        | B9SW<br>(SW)                                    | 0                                  | 5       | 645928<br>263850 |
|           | Sites of Special Sci   | entific Interest   |   |                                    |         |                  |
| 6         | Name:<br>Multiple Areas:<br>Total Area (m2):<br>Source:<br>Reference:<br>Designation Details:<br>Designation Date:<br>Date Type: | Sizewell Marshes<br>Y<br>1053958.63<br>Natural England<br>1003416<br>Not Supplied<br>16th March 1992<br>Notified | B9SW<br>(SW)                                    | 125                                | 4       | 645928<br>263850 |



| Agency & Hydrological  | Version        | Update Cycle          |
|--|----------------|-----------------------|
| Contaminated Land Register Entries and Notices                         |                |                       |
| Suffolk Coastal District Council - Environmental Health Department     | September 2011 | Annual Rolling Update |
| Discharge Consents   |                |                       |
| Environment Agency - Anglian Region                                    | April 2012     | Quarterly             |
| Enforcement and Prohibition Notices                                    |                |                       |
| Environment Agency - Anglian Region                                    | June 2012      | Quarterly             |
| Integrated Pollution Controls  |                |                       |
| Environment Agency - Anglian Region                                    | October 2008   | Not Applicable        |
| Integrated Pollution Prevention And Control                            |                |                       |
| Environment Agency - Anglian Region                                    | April 2012     | Quarterly             |
| Local Authority Integrated Pollution Prevention And Control            |                |                       |
| Suffolk Coastal District Council - Environmental Health Department     | December 2011  | Annual Rolling Update |
| Local Authority Pollution Prevention and Controls                      |                |                       |
| Suffolk Coastal District Council - Environmental Health Department     | December 2011  | Annual Rolling Update |
| Local Authority Pollution Prevention and Control Enforcements          |                |                       |
| Suffolk Coastal District Council - Environmental Health Department     | December 2011  | Annual Rolling Update |
| Nearest Surface Water Feature  |                |                       |
| Ordnance Survey  | December 2011  | Quarterly             |
| Pollution Incidents to Controlled Waters                               |                |                       |
| Environment Agency - Anglian Region                                    | September 1999 | Not Applicable        |
| Prosecutions Relating to Authorised Processes                          | h              | Marchela              |
| Environment Agency - Anglian Region                                    | June 2012      | Monthly               |
| Prosecutions Relating to Controlled Waters                             | h              | Marshitt              |
| Environment Agency - Anglian Region                                    | June 2012      | Monthly               |
| Registered Radioactive Substances                                      |                | Quartadu              |
| Environment Agency - Anglian Region                                    | April 2012     | Quarterly             |
| River Quality  | Neversher 2004 | Net Applicable        |
| Environment Agency - Head Office                                       | November 2001  | Not Applicable        |
| River Quality Biology Sampling Points Environment Agency - Head Office |                | Appuellu              |
|  | January 2011   | Annually              |
| River Quality Chemistry Sampling Points                                | January 2014   | Annually              |
| Environment Agency - Head Office                                       | January 2011   | Annually              |
| Substantiated Pollution Incident Register                              |                | Quartadu              |
| Environment Agency - Anglian Region - Eastern Area                     | April 2012     | Quarterly             |
| Water Abstractions   |                | Quartarly             |
| Environment Agency - Anglian Region                                    | April 2012     | Quarterly             |
| Water Industry Act Referrals   |                | Quartarly             |
| Environment Agency - Anglian Region                                    | April 2012     | Quarterly             |
| Groundwater Vulnerability  | January 2011   | Not Applicable        |
| Environment Agency - Head Office                                       | January 2011   | Not Applicable        |
| Drift Deposits   | lonuony 1000   | Not Appliable         |
| Environment Agency - Head Office                                       | January 1999   | Not Applicable        |
| Bedrock Aquifer Designations   | Sontombor 2011 | Appually              |
| British Geological Survey - National Geoscience Information Service    | September 2011 | Annually              |
| Superficial Aquifer Designations                                       | Contombor 2011 | Appuelly              |
| British Geological Survey - National Geoscience Information Service    | September 2011 | Annually              |
| Source Protection Zones  | A ~~:: 0040    | Querterly             |
| Environment Agency - Head Office                                       | April 2012     | Quarterly             |
| Extreme Flooding from Rivers or Sea without Defences                   | May 2010       | Our and a set of      |
| Environment Agency - Head Office                                       | May 2012       | Quarterly             |



| Agency & Hydrological  | Version       | Update Cycle          |
|--|---------------|-----------------------|
| Flooding from Rivers or Sea without Defences   |               |                       |
| Environment Agency - Head Office   | May 2012      | Quarterly             |
| Areas Benefiting from Flood Defences   |               |                       |
| Environment Agency - Head Office   | May 2012      | Quarterly             |
| Flood Water Storage Areas  |               |                       |
| Environment Agency - Head Office   | May 2012      | Quarterly             |
| Flood Defences   |               |                       |
| Environment Agency - Head Office   | May 2012      | Quarterly             |
| Waste  | Version       | Update Cycle          |
| BGS Recorded Landfill Sites  |               |                       |
| British Geological Survey - National Geoscience Information Service                                | June 1996     | Not Applicable        |
| Historical Landfill Sites  |               |                       |
| Environment Agency - Anglian Region - Eastern Area   | January 2012  | Quarterly             |
| Integrated Pollution Control Registered Waste Sites  | _             |                       |
| Environment Agency - Anglian Region  | October 2008  | Not Applicable        |
| Licensed Waste Management Facilities (Landfill Boundaries)   |               |                       |
| Environment Agency - Anglian Region - Eastern Area   | April 2012    | Quarterly             |
| Licensed Waste Management Facilities (Locations)   |               |                       |
| Environment Agency - Anglian Region - Eastern Area   | April 2012    | Quarterly             |
| Local Authority Landfill Coverage  |               |                       |
| Suffolk Coastal District Council - Environmental Health Department                                 | May 2000      | Not Applicable        |
| Suffolk County Council   | May 2000      | Not Applicable        |
| Local Authority Recorded Landfill Sites  |               |                       |
| Suffolk Coastal District Council - Environmental Health Department                                 | May 2000      | Not Applicable        |
| Suffolk County Council   | May 2000      | Not Applicable        |
| Registered Landfill Sites  |               |                       |
| Environment Agency - Anglian Region - Eastern Area   | March 2003    | Not Applicable        |
| Registered Waste Transfer Sites  |               |                       |
| Environment Agency - Anglian Region - Eastern Area   | March 2003    | Not Applicable        |
| Registered Waste Treatment or Disposal Sites   |               |                       |
| Environment Agency - Anglian Region - Eastern Area   | March 2003    | Not Applicable        |
| Hazardous Substances   | Version       | Update Cycle          |
| Control of Major Accident Hazards Sites (COMAH)  |               |                       |
| Health and Safety Executive  | May 2012      | Bi-Annually           |
| Explosive Sites  |               |                       |
| Health and Safety Executive  | June 2012     | Bi-Annually           |
| Notification of Installations Handling Hazardous Substances (NIHHS)<br>Health and Safety Executive | November 2000 | Not Applicable        |
|  |               |                       |
| Planning Hazardous Substance Enforcements Suffolk Coastal District Council                         | December 2011 | Annual Rolling Update |
| Suffolk County Council - Environment and Transport   | February 2006 | Annual Rolling Update |
| Planning Hazardous Substance Consents  |               |                       |
| Suffolk Coastal District Council   | December 2011 | Annual Rolling Update |
| Suffolk County Council - Environment and Transport   | February 2006 | Annual Rolling Update |



| Geological  | Version       | Update Cycle   |
|---|---------------|----------------|
| BGS 1:625,000 Solid Geology   |               |                |
| British Geological Survey - National Geoscience Information Service | August 1996   | Not Applicable |
| BGS Estimated Soil Chemistry  |               |                |
| British Geological Survey - National Geoscience Information Service | January 2010  | Variable       |
| BGS Recorded Mineral Sites  |               |                |
| British Geological Survey - National Geoscience Information Service | April 2012    | Bi-Annually    |
| Brine Compensation Area   |               |                |
| Cheshire Brine Subsidence Compensation Board                        | August 2011   | Not Applicable |
| Coal Mining Affected Areas  |               |                |
| The Coal Authority - Mining Report Service                          | August 2011   | As notified    |
| Mining Instability  |               |                |
| Ove Arup & Partners   | October 2000  | Not Applicable |
| Non Coal Mining Areas of Great Britain                              |               |                |
| British Geological Survey - National Geoscience Information Service | February 2011 | Not Applicable |
| Potential for Collapsible Ground Stability Hazards                  |               |                |
| British Geological Survey - National Geoscience Information Service | February 2011 | Annually       |
| Potential for Compressible Ground Stability Hazards                 |               |                |
| British Geological Survey - National Geoscience Information Service | February 2011 | Annually       |
| Potential for Ground Dissolution Stability Hazards                  |               |                |
| British Geological Survey - National Geoscience Information Service | February 2011 | Annually       |
| Potential for Landslide Ground Stability Hazards                    |               |                |
| British Geological Survey - National Geoscience Information Service | February 2011 | Annually       |
| Potential for Running Sand Ground Stability Hazards                 |               |                |
| British Geological Survey - National Geoscience Information Service | February 2011 | Annually       |
| Potential for Shrinking or Swelling Clay Ground Stability Hazards   |               |                |
| British Geological Survey - National Geoscience Information Service | February 2011 | Annually       |
| Radon Potential - Radon Affected Areas                              |               |                |
| British Geological Survey - National Geoscience Information Service | July 2011     | As notified    |
| Radon Potential - Radon Protection Measures                         |               |                |
| British Geological Survey - National Geoscience Information Service | July 2011     | As notified    |
| Industrial Land Use   | Version       | Update Cycle   |
| Contemporary Trade Directory Entries                                |               |                |
| Thomson Directories   | May 2012      | Quarterly      |
| Fuel Station Entries  |               |                |
| Catalist Ltd - Experian   | February 2012 | Quarterly      |



| Sensitive Land Use   | Version       | Update Cycle   |
|--|---------------|----------------|
| Areas of Outstanding Natural Beauty  |               |                |
| Natural England  | February 2012 | Bi-Annually    |
| Environmentally Sensitive Areas  |               |                |
| Natural England  | February 2012 | Annually       |
| Forest Parks   |               |                |
| Forestry Commission  | April 1997    | Not Applicable |
| Local Nature Reserves  |               |                |
| Natural England  | February 2012 | Bi-Annually    |
| Marine Nature Reserves   |               |                |
| Natural England  | February 2012 | Bi-Annually    |
| National Nature Reserves   |               |                |
| Natural England  | February 2012 | Bi-Annually    |
| National Parks   |               |                |
| Natural England  | February 2012 | Bi-Annually    |
| Nitrate Sensitive Areas  |               |                |
| Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) | February 2012 | Not Applicable |
| Nitrate Vulnerable Zones   |               |                |
| Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) | February 2012 | Annually       |
| Ramsar Sites   |               |                |
| Natural England  | February 2012 | Bi-Annually    |
| Sites of Special Scientific Interest                                       |               |                |
| Natural England  | February 2012 | Bi-Annually    |
| Special Areas of Conservation  |               |                |
| Natural England  | February 2012 | Bi-Annually    |
| Special Protection Areas   |               |                |
| Natural England  | February 2012 | Bi-Annually    |



A selection of organisations who provide data within this report

| Data Supplier                          | Data Supplier Logo  |
|--|---|
| Ordnance Survey                        | Licensed Partner  |
| Environment Agency                     | Environment<br>Agency   |
| Scottish Environment Protection Agency | SEEP Section Ageney   |
| The Coal Authority                     | THE<br>COAL<br>AUTHORITY  |
| British Geological Survey              | British<br>Geological Survey  |
| Centre for Ecology and Hydrology       | Centre for<br>Ecology & Hydrology<br>Natural environment research council |
| Countryside Council for Wales          | CYNGOR CEFN GWLAD CYMRU<br>COUNTRYSIDE COUNCIL FOR WALES                  |
| Scottish Natural Heritage              | SCOTTISH<br>NATURAL<br>HERITAGE   |
| Natural England                        | NATURAL<br>ENGLAND  |
| Health Protection Agency               | Health<br>Protection<br>Agency  |
| Ove Arup                               | ARUP  |
| Peter Brett Associates                 | peterbrett  |



## **Useful Contacts**

| Contact | Name and Address   | Contact Details   |
|---------|--|---|
| 1       | Environment Agency - National Customer Contact<br>Centre (NCCC)  | Telephone: 08708 506 506<br>Email: enquiries@environment-agency.gov.uk  |
|         | PO Box 544, Templeborough, Rotherham, S60 1BY  |   |
| 2       | British Geological Survey - Enquiry Service<br>British Geological Survey, Kingsley Dunham Centre, Keyworth,<br>Nottingham, Nottinghamshire, NG12 5GG             | Telephone: 0115 936 3143<br>Fax: 0115 936 3276<br>Email: enquiries@bgs.ac.uk<br>Website: www.bgs.ac.uk                          |
| 3       | Landmark Information Group Limited<br>5 - 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY   | Telephone: 01392 441761<br>Fax: 01392 441709<br>Email: cssupport@landmarkinfo.co.uk<br>Website: www.landmarkinfo.co.uk          |
| 4       | <b>Natural England</b><br>Northminster House, Northminster Road, Peterborough, Cambridgeshire,<br>PE1 1UA  | Telephone: 0845 600 3078<br>Fax: 01733 455103<br>Email: enquiries@naturalengland.org.uk<br>Website: www.naturalengland.org.uk   |
| 5       | Department for Environment, Food and Rural Affairs<br>(DEFRA - formerly FRCA)<br>Government Buildings, Otley Road, Lawnswood, Leeds, West Yorkshire,<br>LS16 5QT | Telephone: 0113 2613333<br>Fax: 0113 230 0879   |
| 6       | Suffolk County Council<br>St Edmund House, County Hall, Ipswich, Suffolk, IP4 1LZ  | Telephone: 01473 583000<br>Fax: 01473 230240<br>Website: www.suffolkcc.gov.uk   |
| 7       | Suffolk Coastal District Council - Environmental Health<br>Department<br>Council Offices, Melton Hill, Woodbridge, Suffolk, IP12 1AU                             | Telephone: 01394 383789 extn 2238<br>Fax: 01394 385100<br>Website: www.suffolkcoastal.gov.uk                                    |
| -       | Health Protection Agency - Radon Survey, Centre for<br>Radiation, Chemical and Environmental Hazards<br>Chilton, Didcot, Oxfordshire, OX11 0RQ                   | Telephone: 01235 822622<br>Fax: 01235 833891<br>Email: radon@hpa.org.uk<br>Website: www.hpa.org.uk                              |
| -       | Landmark Information Group Limited<br>The Smith Centre, Henley On Thames, Oxfordshire, RG9 6AB   | Telephone: 0844 844 9952<br>Fax: 0844 844 9951<br>Email: customerservices@landmarkinfo.co.uk<br>Website: www.landmarkinfo.co.uk |

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

# **Historical Mapping Legends**

| Ordnance Survey County Series 1:10,560   | Ordnance Survey Plan 1:10,000  | 1:10,000 Raster Mapping  |
|--|--|--|
| Gravel Sand Other<br>Pit Pit Pits  | رمینیک Chalk Pit, Clay Pit ورونیک Gravel Pit<br>کرین or Quarry   | Gravel Pit Refuse tip or slag heap   |
| Orchard Quarry   | Sand Pit   | Rock Cock (scattered)  |
| A Reeds Marsh  | Refuse or Lake, Loch   | ົ້ໍ້ຈັ Boulders ໍ Boulders (scattered)   |
|  | Dunes 500 Boulders   | Shingle Mud Mud  |
| Mixed Wood Deciduous Brushwood   | ネネ Coniferous ふ  | Sand Sand Sand Pit   |
|  |  | Slopes Transmith Top of cliff  |
|  | ி ் Orchard இந்_ Scrub \Υ்னு Coppice   | General detail Underground detail  |
| Fir Furze Rough Pasture  | יזר Bracken איזענעי Heath איז  | — — — — Overhead detail <del>++++++++++</del> Narrow gauge<br>railway              |
| Arrow denotes Arrow denotes Trigonometrical flow of water Station                                    | عنين Marsh ۲۷٬۰٬ Reeds <u>عن</u> Saltings  | Multi-track Single track<br>railway railway Civil, parish c                        |
| - → Site of Antiquities  | Direction of Flow of Water<br>Building   | County boundary County, parising<br>(England only) community<br>District, Unitary, |
| Pump, Guide Post, Well, Spring,<br>Signal Post Boundary Post<br>• <b>285</b> Surface Level           | Sand Glasshouse  | Metropolitan, Constituency<br>London Borough boundary<br>boundary                  |
| Sketched Instrumental  | Pylon<br>—— □ — — Electricity<br>Transmission<br>Pole Line   | Area of wooded<br>↓ ↑ Area of wooded<br>↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓      |
| Main Roads Fenced Minor Roads Fenced   | ·  |  |
| Un-Fenced Un-Fenced  | Cutting Embankment Standard Gauge  |  |
| Sunken Road Raised Road  | Road '''∏''' Road Level Foot Single Track<br>Under Over Crossing Bridge  | 수 수 Orchard 《 Coppice<br>수 수   |
| Road over<br>Railway River   | Siding, Tramway<br>or Mineral Line<br>Narrow Gauge   | ்பிட Rough பிட்சு Heath  |
| Railway over Level Crossing  | Geographical County  | ∩Scrub _⊻∠Marsh, Salt<br>_⊻∠Marsh or Ree   |
| Road over<br>River or Canal Stream   | — — — — Administrative County, County Borough<br>or County of City<br>Municipal Borough, Urban or Rural District,          | Water feature Flow arrows  |
| Road over<br>Stream  | Burgh or District Council<br>Borough, Burgh or County Constituency<br>Shown only when not coincident with other boundaries | MHW(S) Mean high water (springs) Mean low water (springs)                          |
| ————— County Boundary (Geographical)   | — — — — Civil Parish<br>Shown alternately when coincidence of boundaries occurs  | Telephone line<br>(where shown)  |
| County & Civil Parish Boundary   | BP, BS Boundary Post or Stone Pol Sta Police Station   | (with poles)<br>← Bench mark _ Triangulation                                       |
| + · + · + · + · + Administrative County & Civil Parish Boundary<br>County Borough Boundary (England) | Ch Church PO Post Office<br>CH Club House PC Public Convenience  | Point feature Pylon flare s  |
|  | F E Sta Fire Engine Station PH Public House<br>FB Foot Bridge SB Signal Box  | <ul> <li>(e.g. Guide Post ⊠ or lighting tov<br/>or Mile Stone)</li> </ul>          |
| Co. Boro. Bdy.   |  |  |
|  | Fn Fountain Spr Spring<br>GP Guide Post TCB Telephone Call Box<br>MP Mile Post TCP Telephone Call Post                     | •‡• Site of (antiquity) Glasshouse   |

## ping

Underground detail Narrow gauge railway Single track railway Civil, parish or community boundary Constituency boundary

Non-coniferous

Marsh, Salt Marsh or Reeds

water (springs)

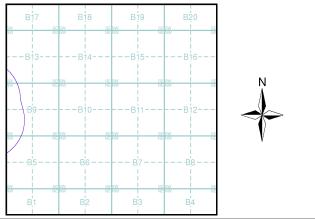
transmission line

Pylon, flare stack or lighting tower

# ame Historical Mapping & Photography included:

| Mapping Type         | Scale    | Date        | Pg |
|----------------------|----------|-------------|----|
| Suffolk              | 1:10,560 | 1883 - 1884 | 2  |
| Suffolk              | 1:10,560 | 1905        | 3  |
| Suffolk              | 1:10,560 | 1928        | 4  |
| Suffolk              | 1:10,560 | 1938        | 5  |
| Suffolk              | 1:10,560 | 1950 - 1951 | 6  |
| Ordnance Survey Plan | 1:10,000 | 1958        | 7  |
| Ordnance Survey Plan | 1:10,000 | 1976        | 8  |
| Ordnance Survey Plan | 1:10,000 | 1982        | 9  |
| 10K Raster Mapping   | 1:10,000 | 2006        | 10 |
| 10K Raster Mapping   | 1:10,000 | 2012        | 11 |

## Historical Map - Slice B



### **Order Details**

Order Number: 40138928\_1\_1 Customer Ref: 32623 National Grid Reference: 645930, 263850 В Slice: Site Area (Ha): 17.03 Search Buffer (m): 500

### Site Details

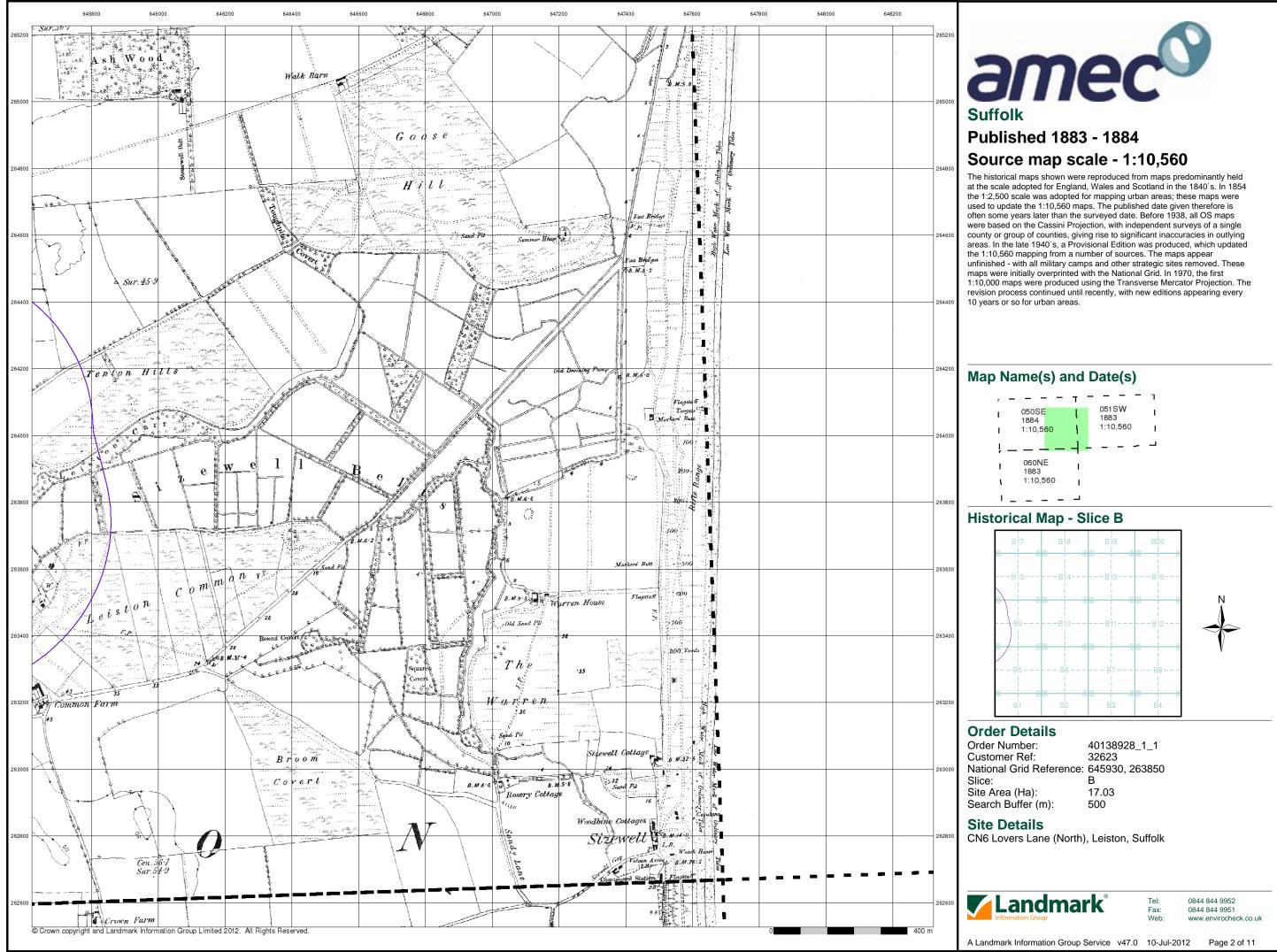
CN6 Lovers Lane (North), Leiston, Suffolk

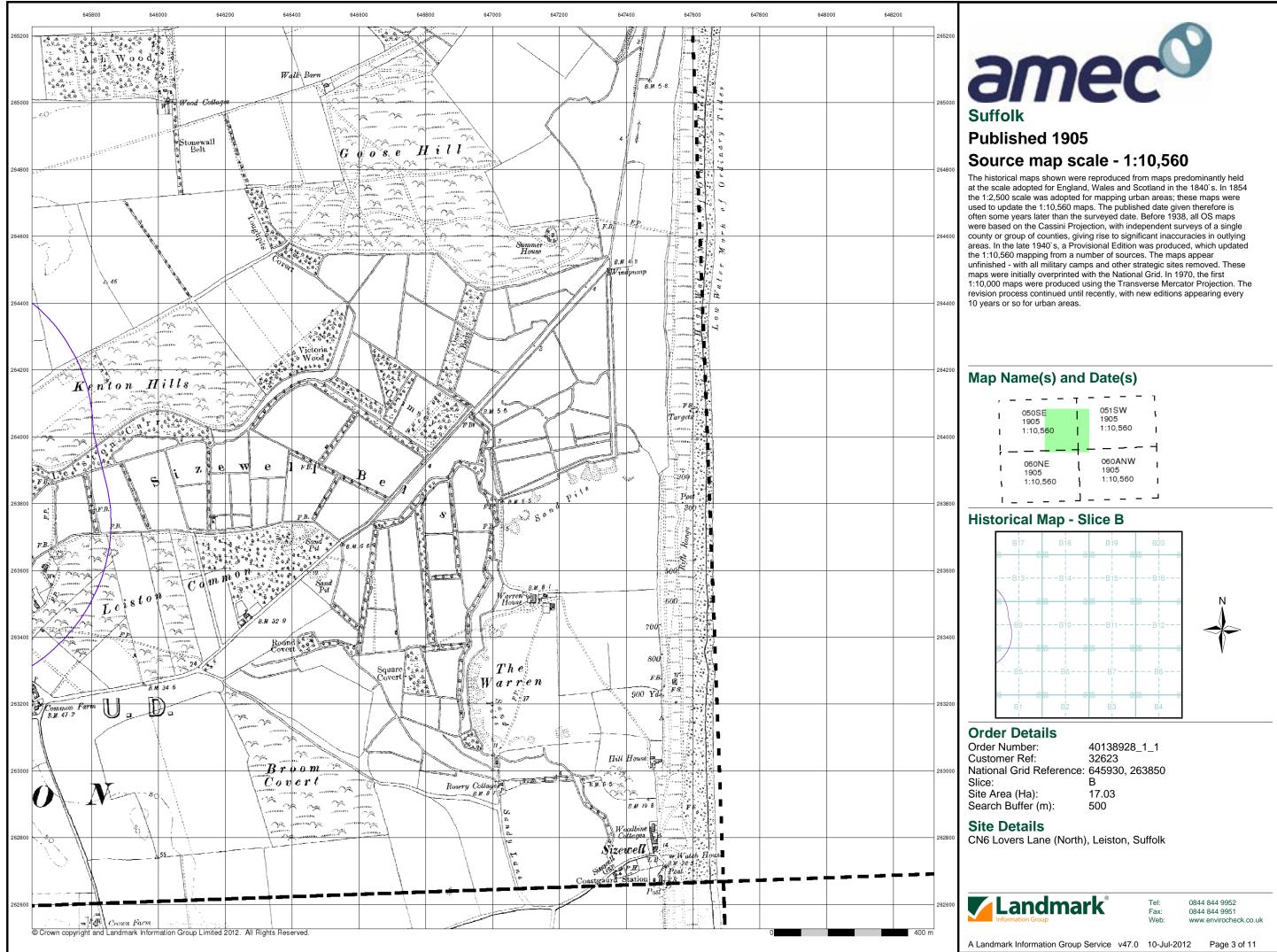


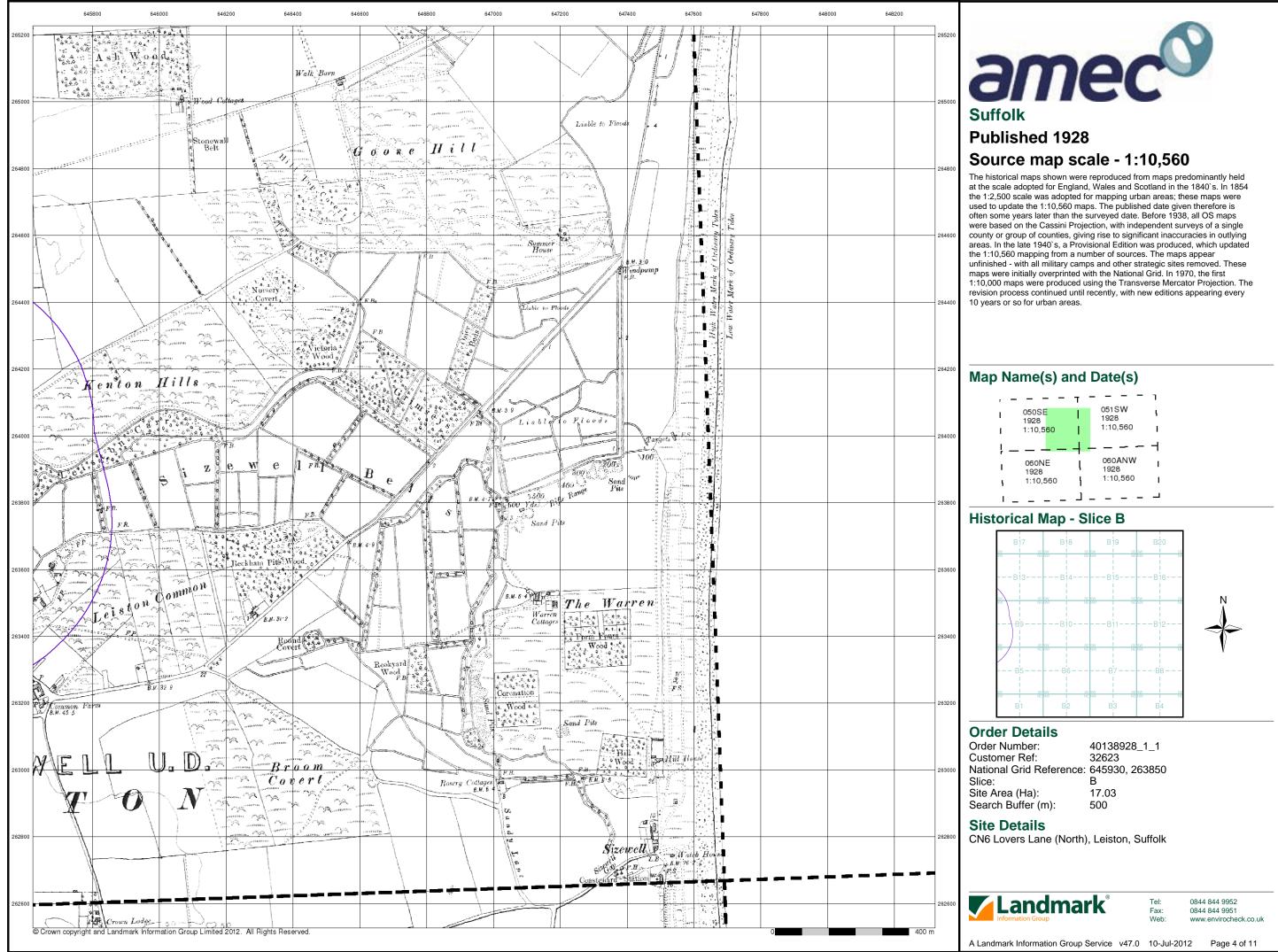
0844 844 9952 0844 844 9951 www.envirocheck.co.uk

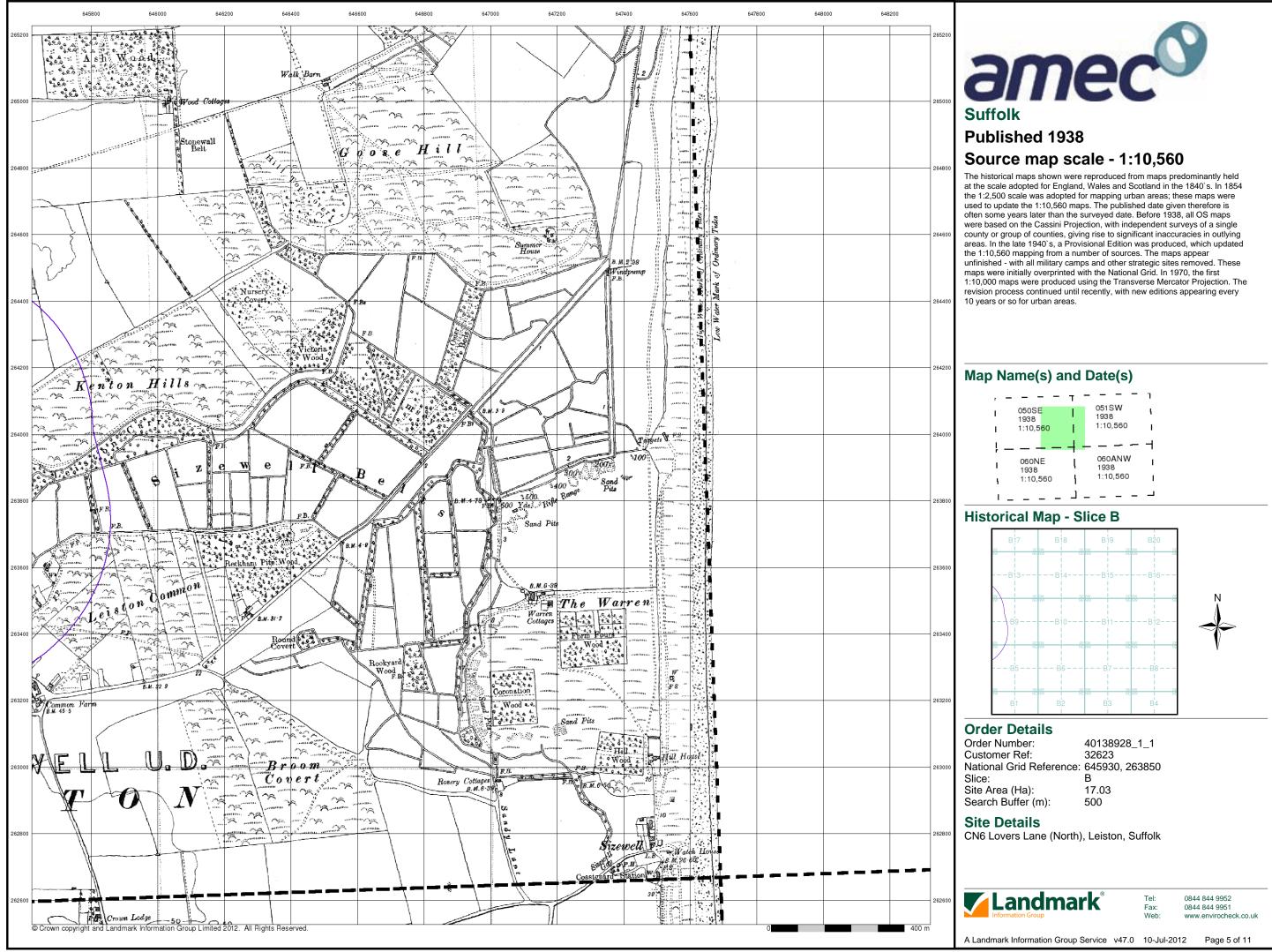
Tel: Fax:

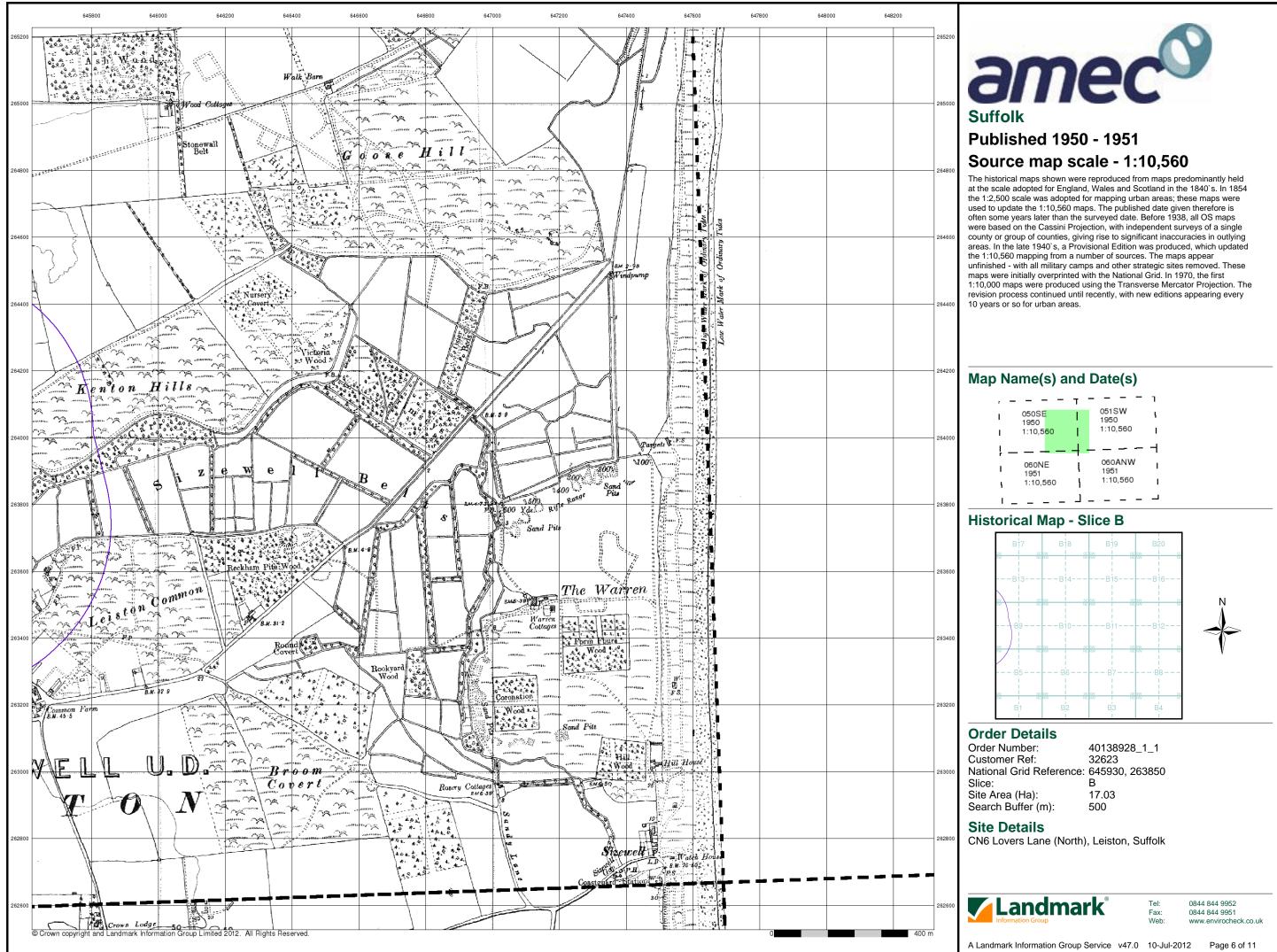
Web:

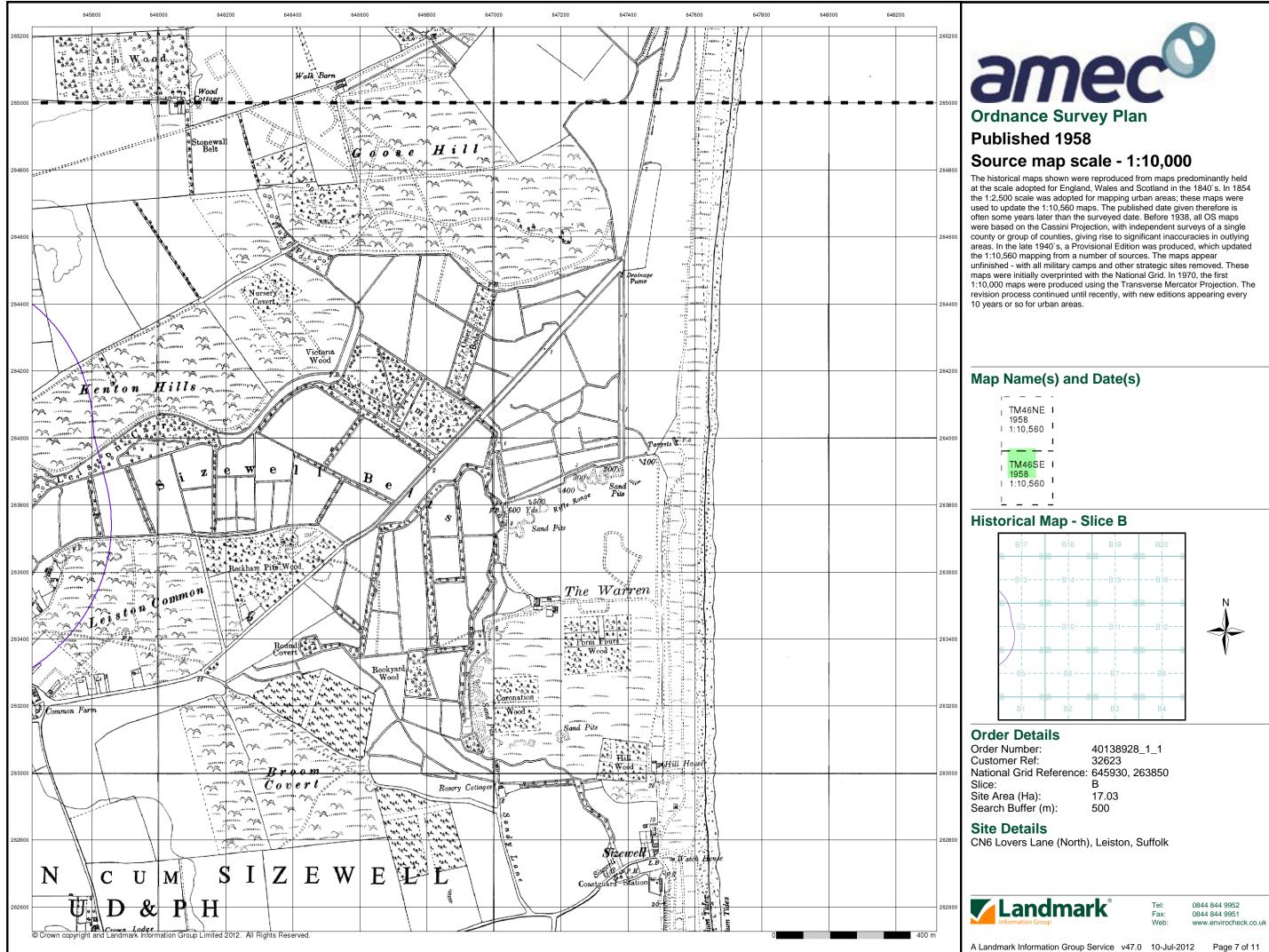


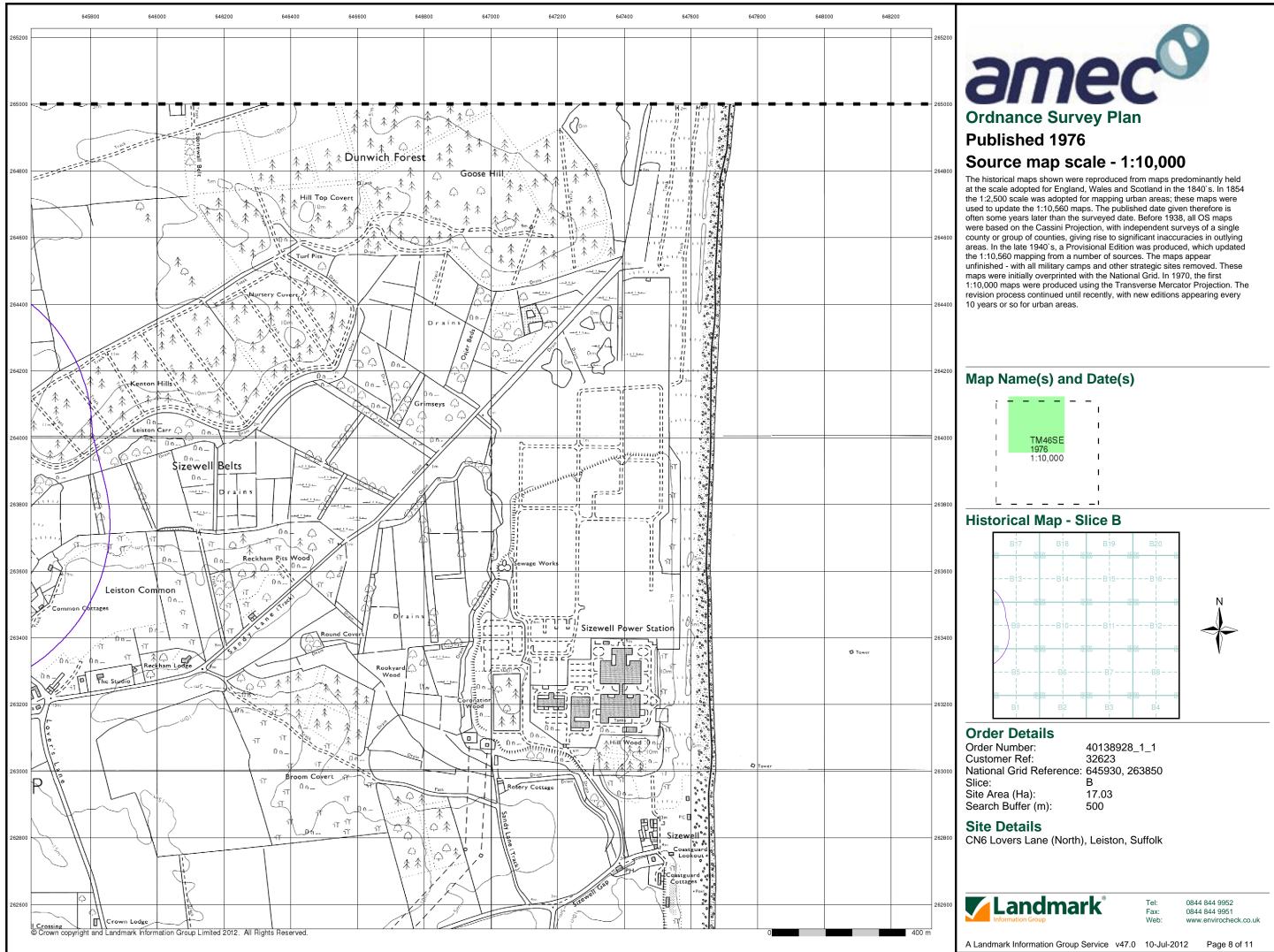


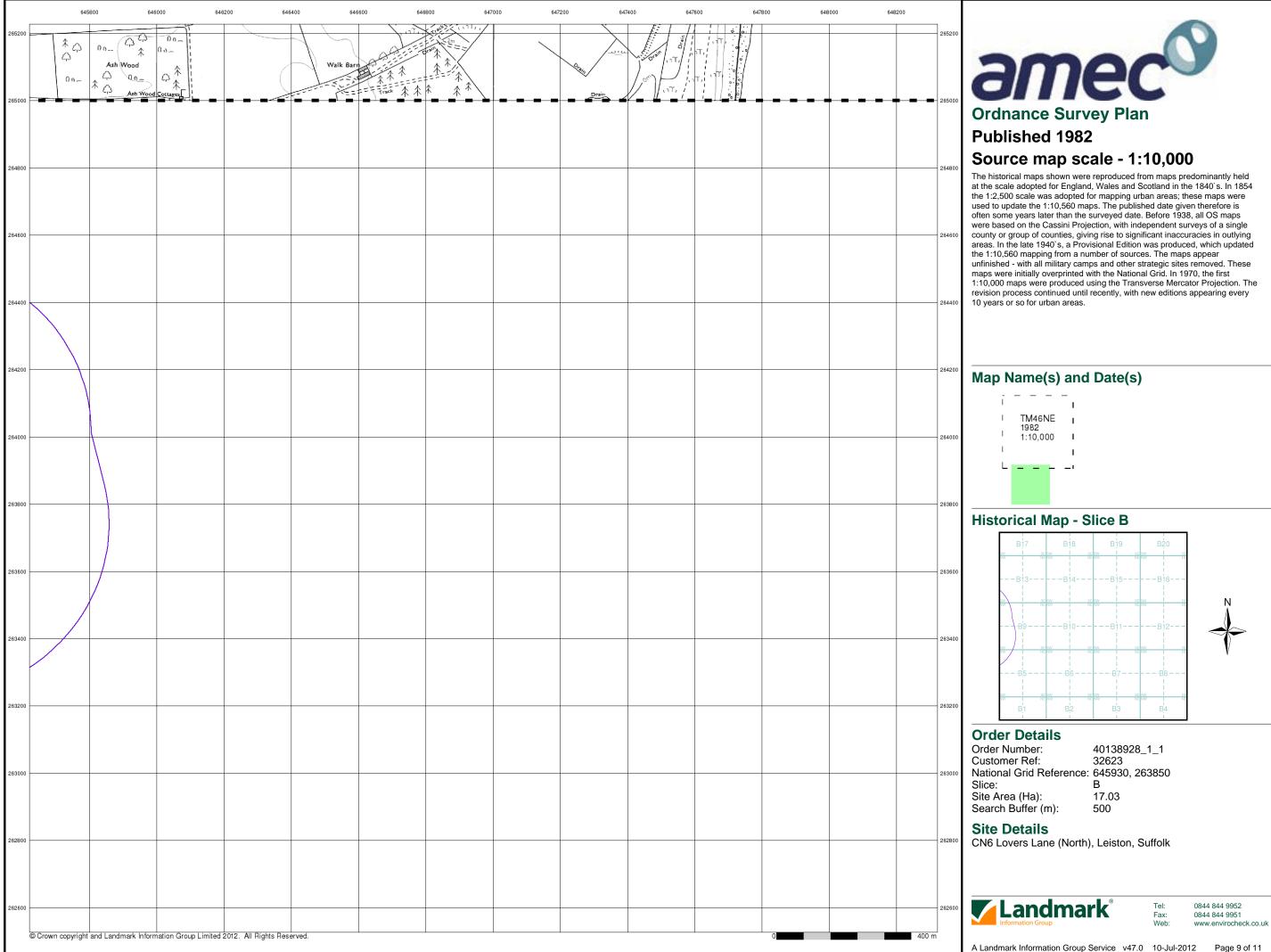


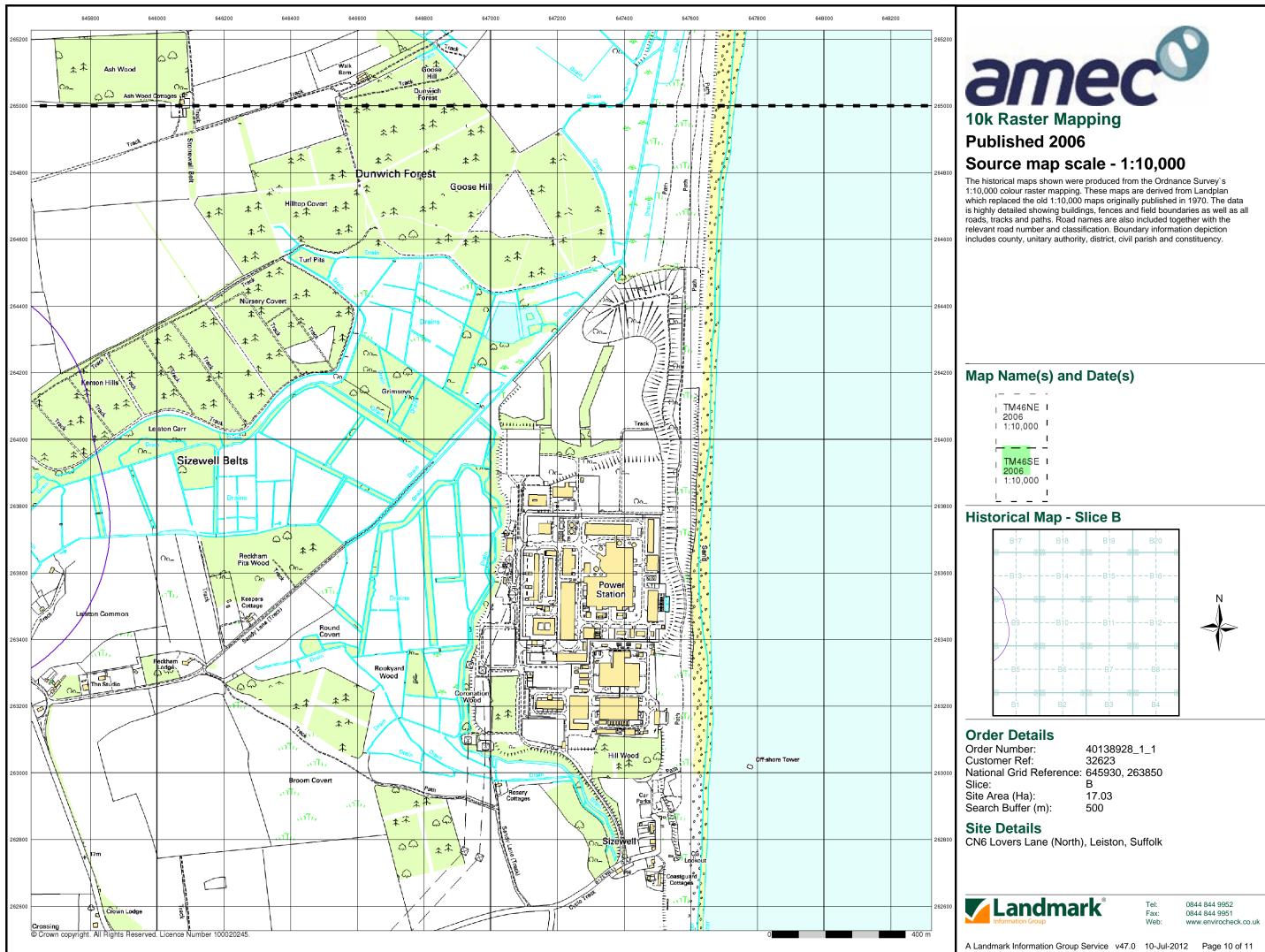


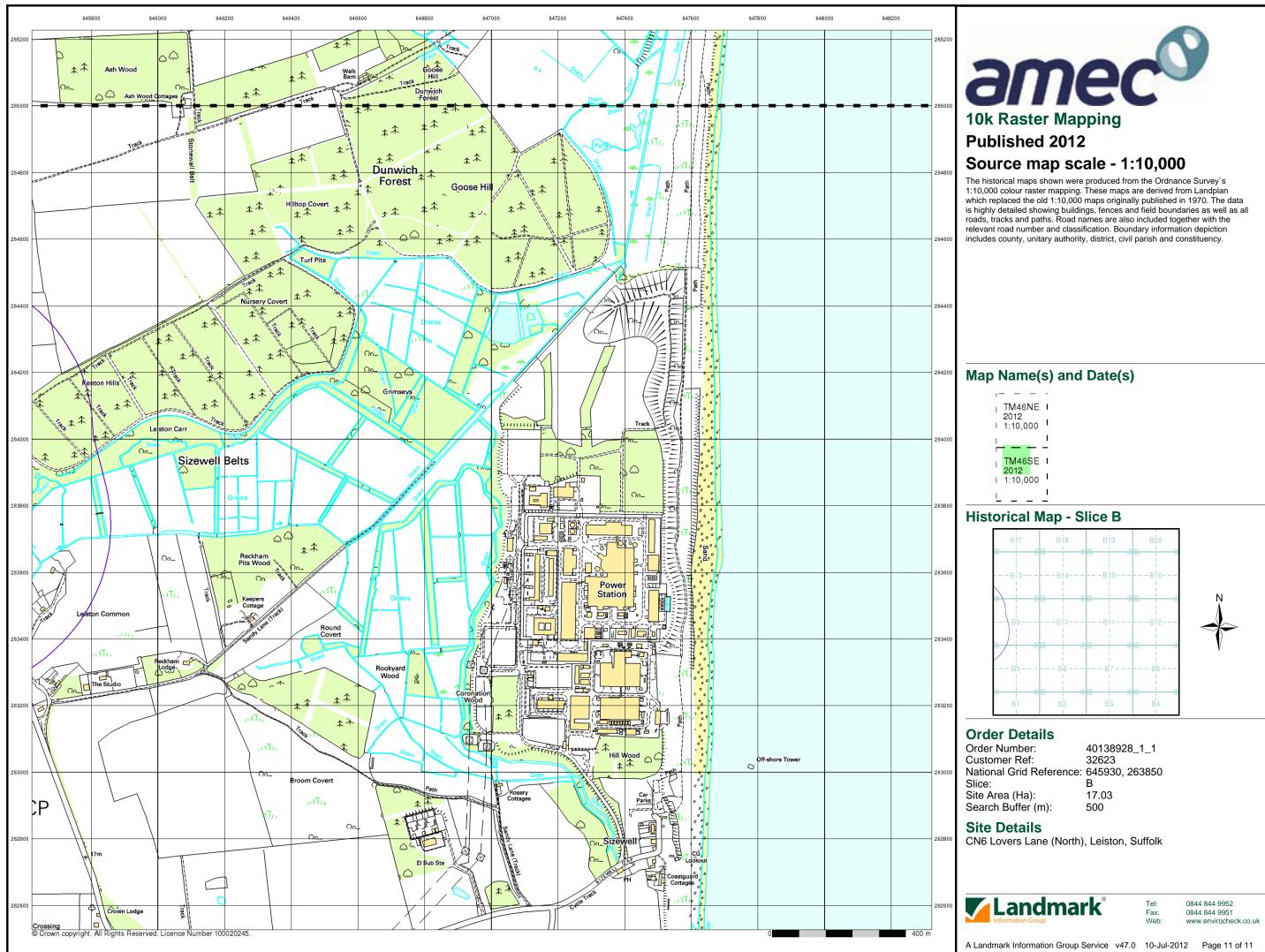












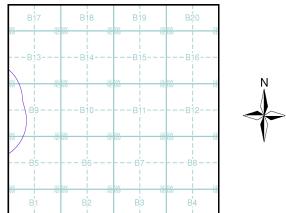




### General

| Specified Site                    | C Specified Buffer(s)           | v            | Bearing Reference Point                         | 8      | Map ID            |
|-----------------------------------|---------------------------------|--------------|---|--------|-------------------|
|                                   |                                 | ^            | bearing reference Form                          | 8      | map ib            |
| Several of Type a                 | It Location                     |              |   |        |                   |
| Agency and                        | l Hydrological                  | W            | aste  |        |                   |
| Contaminated Lar<br>(Location)    | nd Register Entry or Notice     | ▼            | BGS Recorded Landfill Site (                    | Locat  | tion)             |
| Contaminated Lar                  | nd Register Entry or Notice     | $\square$    | BGS Recorded Landfill Site                      |        |                   |
| 🔶 Discharge Conse                 | nt                              | $\odot$      | EA Historic Landfill (Buffered                  | Point) | i -               |
| A Enforcement or P                | rohibition Notice               |              | EA Historic Landfill (Polygon)                  |        |                   |
| 🛕 Integrated Pollutio             | n Control                       | $\mathbf{A}$ | Integrated Pollution Control R<br>Waste Site    | (egis  | tered             |
| Integrated Pollutio               | n Prevention Control            |              | Licensed Waste Managemer<br>(Landfill Boundary) | nt Fa  | cility            |
| Local Authority In<br>and Control | tegrated Pollution Prevention   | -            | Licensed Waste Managemer                        | nt Fa  | cility (Location) |
| 🛆 Local Authority P               | ollution Prevention and Control |              | Local Authority Recorded La                     | Indfi  | l Site (Location) |
| Control Enforcem                  | ollution Prevention and<br>ent  |              | Local Authority Recorded La                     | Indfi  | l Site            |
| Pollution Incident 1              | to Controlled Waters            | $\square$    | Registered Landfill Site                        |        |                   |
| Prosecution Relat                 | ing to Authorised Processes     | ►            | Registered Landfill Site (Loca                  | tion)  |                   |
| Prosecution Relat                 | ing to Controlled Waters        |              | Registered Landfill Site (Point                 | : Buff | ered to 100m)     |
| 🛕 Registered Radio                | active Substance                |              | Registered Landfill Site (Point                 | : Buff | rered to 250m)    |
| River Network or                  | Water Feature                   | ۲            | Registered Waste Transfer S                     | Site ( | Location)         |
| 🕂 River Quality Sarr              | pling Point                     |              | Registered Waste Transfer S                     | Site   |                   |
| 🔶 Substantiated Pol               | lution Incident Register        | $\bigcirc$   | Registered Waste Treatment<br>(Location)        | or D   | isposal Site      |
| 🚫 Water Abstractio                | n                               |              | Registered Waste Treatment                      | or D   | isposal Site      |
| 🔶 Water Industry A                | ct Referral                     | На           | zardous Subst                                   | an     | ices              |
| Geological                        |                                 | <b>*</b>     | COMAH Site                                      |        |                   |
| BGS Recorded M                    | ineral Site                     | 1            | Explosive Site                                  |        |                   |
| Industrial L                      | and Use                         | <b>*</b>     | NIHHS Site                                      |        |                   |
|                                   |                                 |              |   |        |                   |

- ★ Contemporary Trade Directory Entry
- 🖈 Fuel Station Entry
- Site Sensitivity Map Slice B



🗱 Planning Hazardous Substance Consent

🗱 Planning Hazardous Substance Enforcement

### **Order Details**

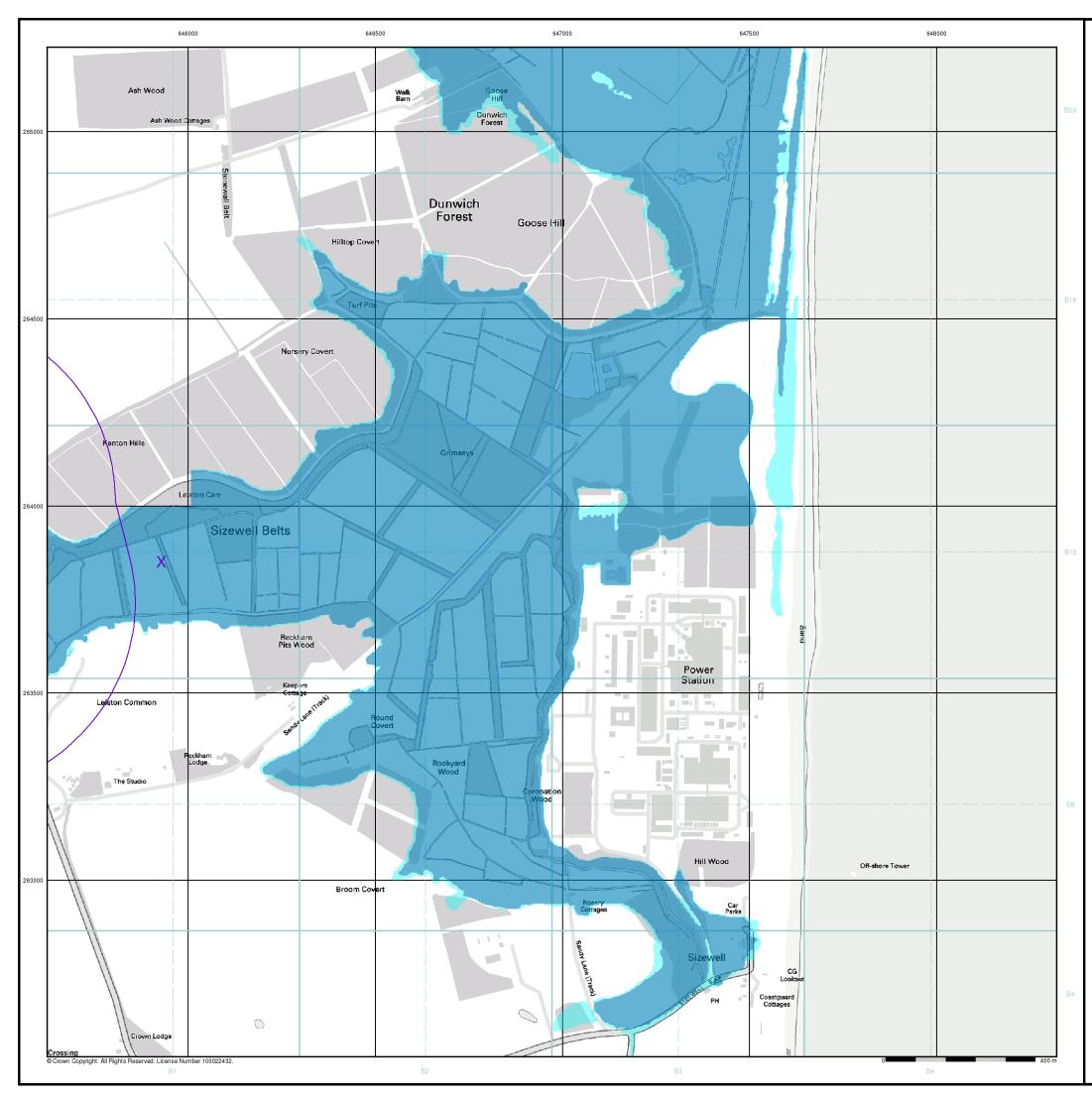
| Order Number:            | 40138928_1_1   |
|--------------------------|----------------|
| Customer Ref:            | 32623          |
| National Grid Reference: | 645930, 263850 |
| Slice:                   | В              |
| Site Area (Ha):          | 17.03          |
| Search Buffer (m):       | 500            |

### Site Details

CN6 Lovers Lane (North), Leiston, Suffolk



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





### General

Specified Site
 Specified Buffer(s)

X Bearing Reference Point

### Agency and Hydrological (Flood)

Extreme Flooding from Rivers or Sea without Defences (Zone 2)

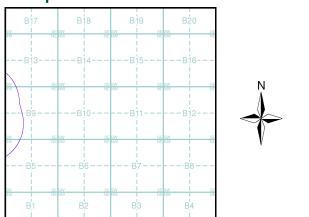
Flooding from Rivers or Sea without Defences (Zone 3)

Area Benefiting from Flood Defence

Flood Water Storage Areas

--- Flood Defence

### Flood Map - Slice B



### **Order Details**

 Order Number:
 40138928\_1\_1

 Customer Ref:
 32623

 National Grid Reference:
 645930, 263850

 Slice:
 B

 Site Area (Ha):
 17.03

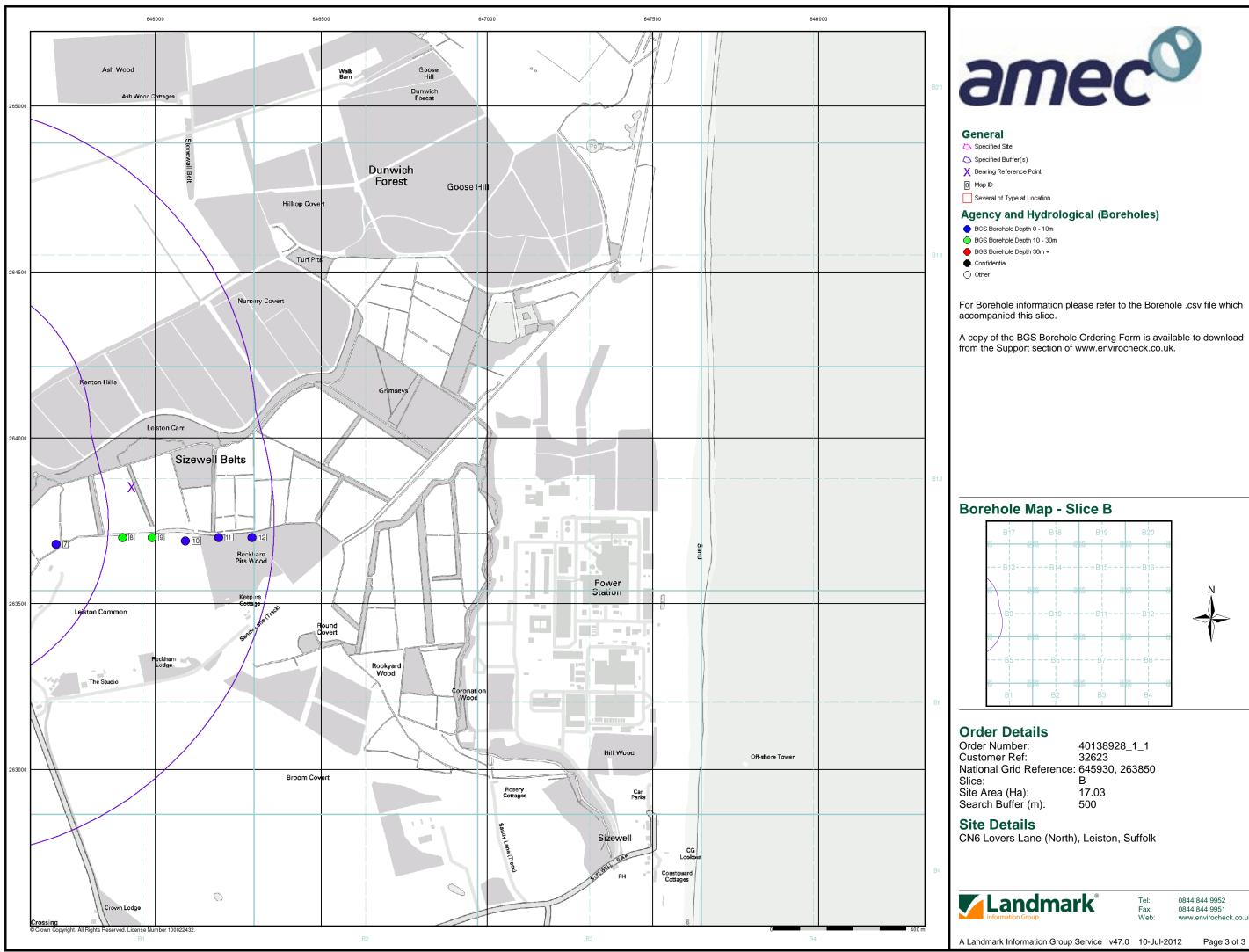
 Search Buffer (m):
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### Site Details

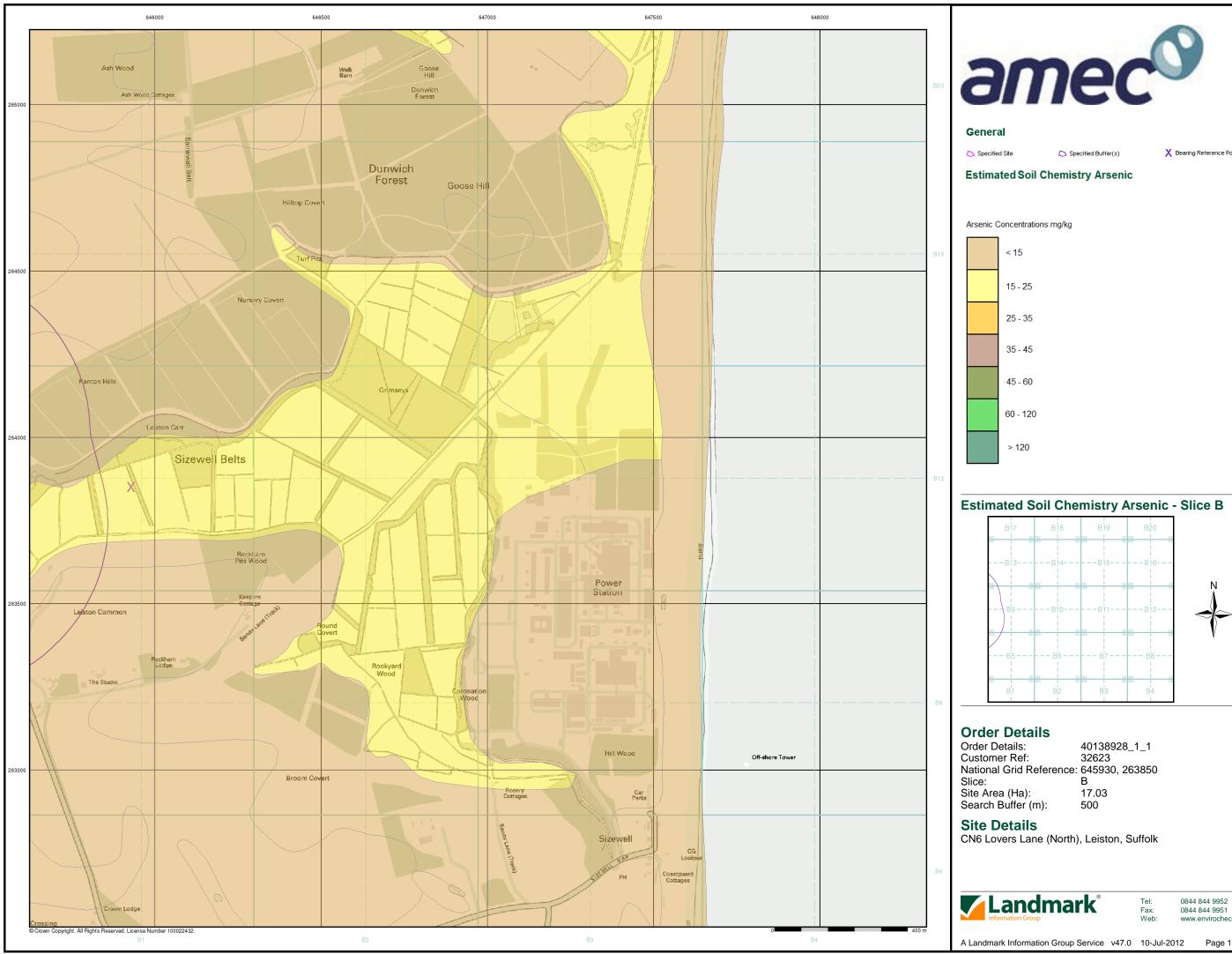
CN6 Lovers Lane (North), Leiston, Suffolk



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



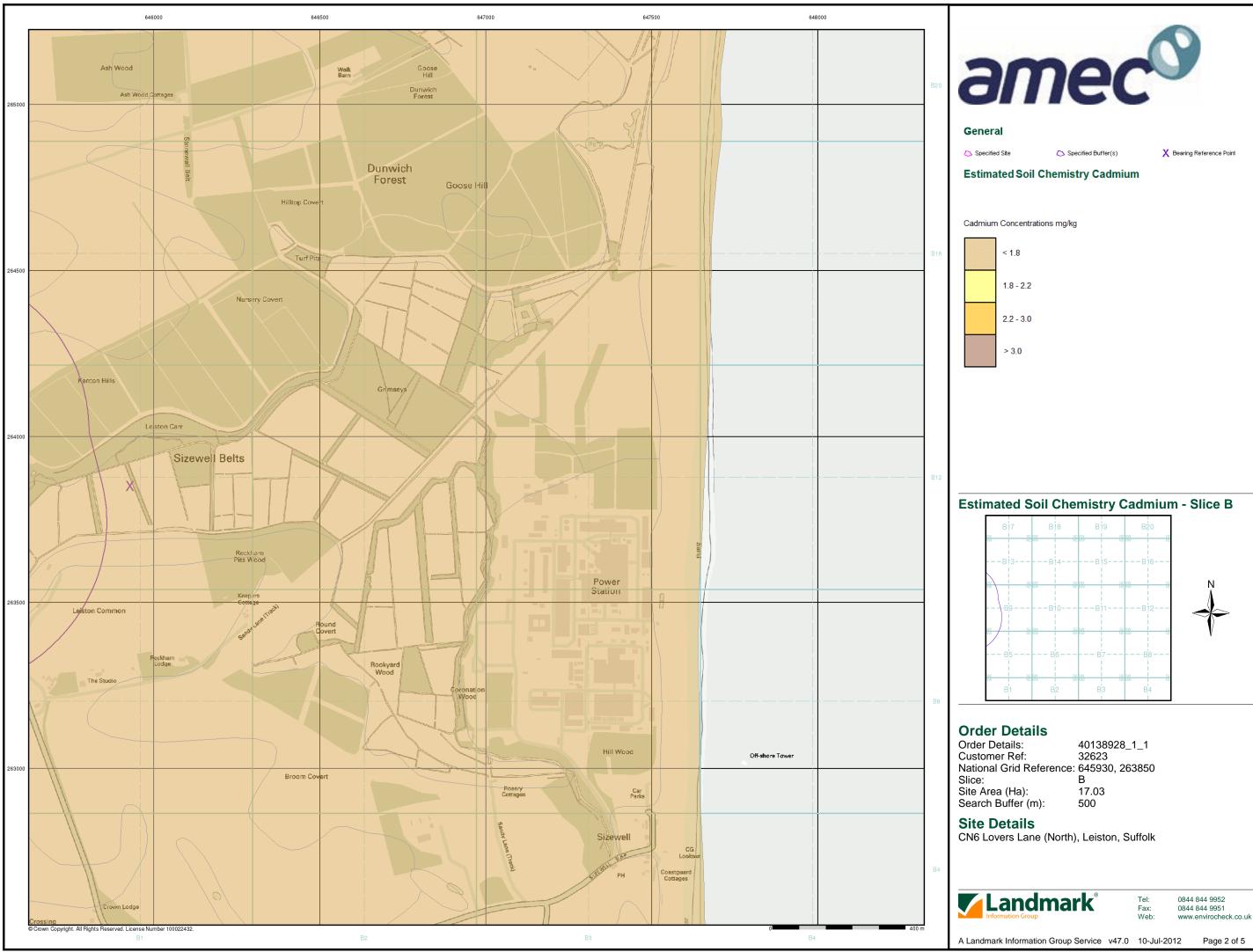
www.envirocheck.co.uk



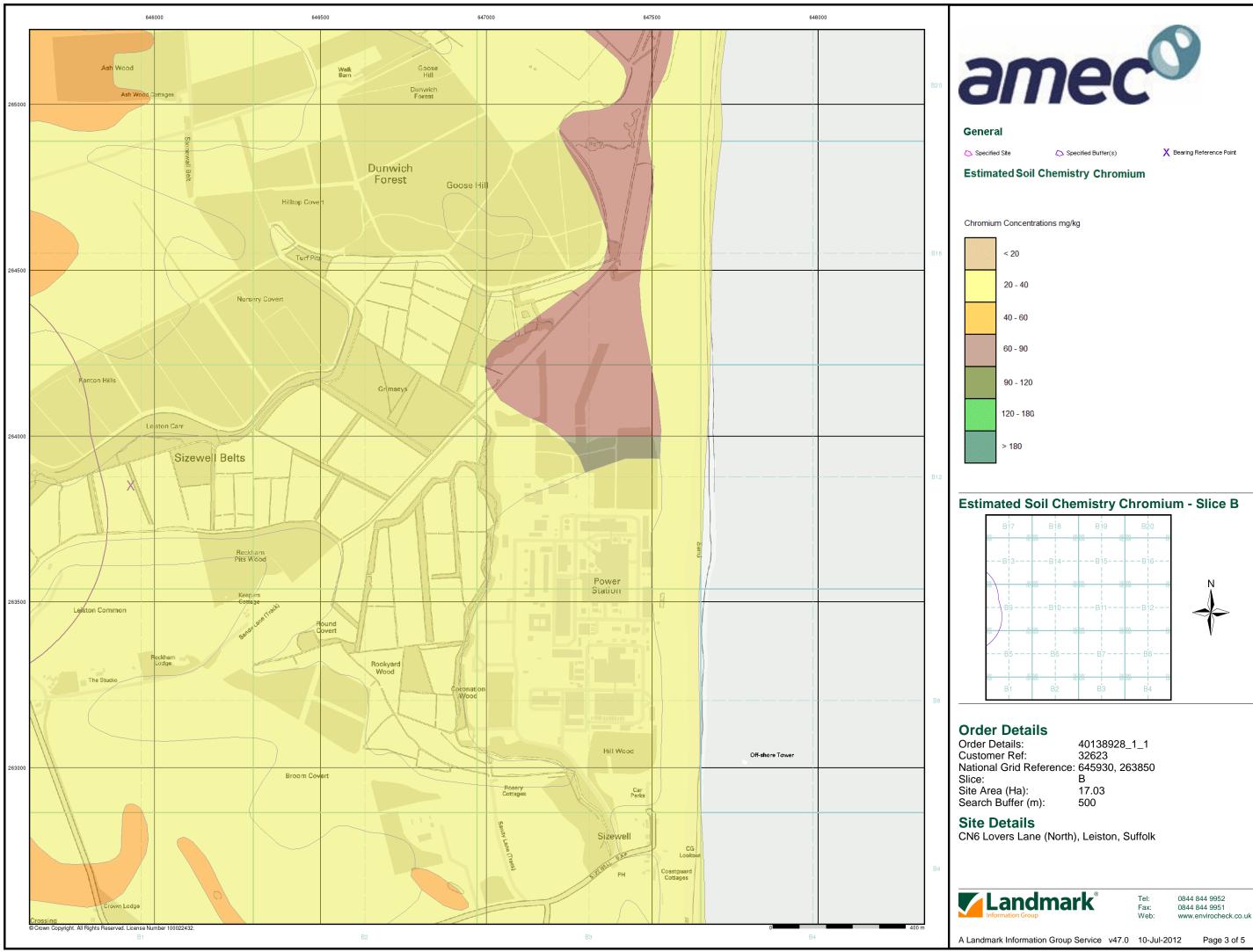
X Bearing Reference Point

| B17              | SE SW          | B18     | SE SW          | B19    | SE SW          | B20                   | SE       |              |
|------------------|----------------|---------|----------------|--------|----------------|-----------------------|----------|--------------|
| B13-             |                | -B14-   |                | -B15-  |                | -B16-                 |          |              |
| SW I             | SE SW<br>NE NW |         | SE SW<br>NE NW |        | SESW<br>NENW   |                       | SENE     | N            |
|                  |                | -віо-   |                | -ві1-  |                | -ві2-                 |          | $\checkmark$ |
|                  | SE SW<br>NE NW |         | SE SW<br>NE NW |        | SE SW<br>NE NW |                       | SE<br>NE | V            |
| ·B5 -            |                | - ·B6 - |                | - ·B7- |                | - ·B <mark>8</mark> - |          |              |
| w I<br>₩ I<br>B1 | SE SW<br>NE NW |         | SE SW<br>NE NW | B3     | SE SW<br>NE NW | B4                    | SE<br>NE |              |

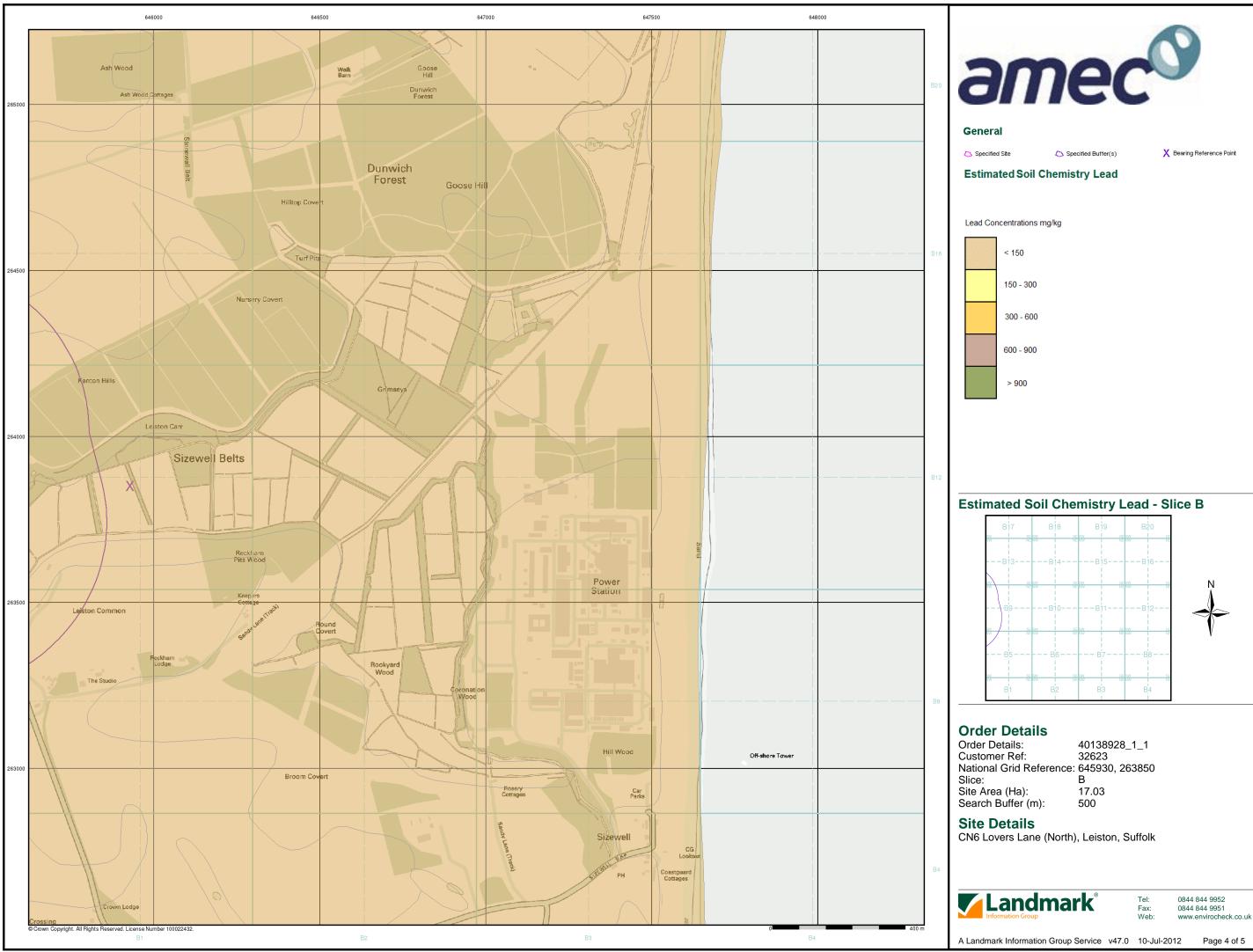
0844 844 9951 www.envirocheck.co.uk



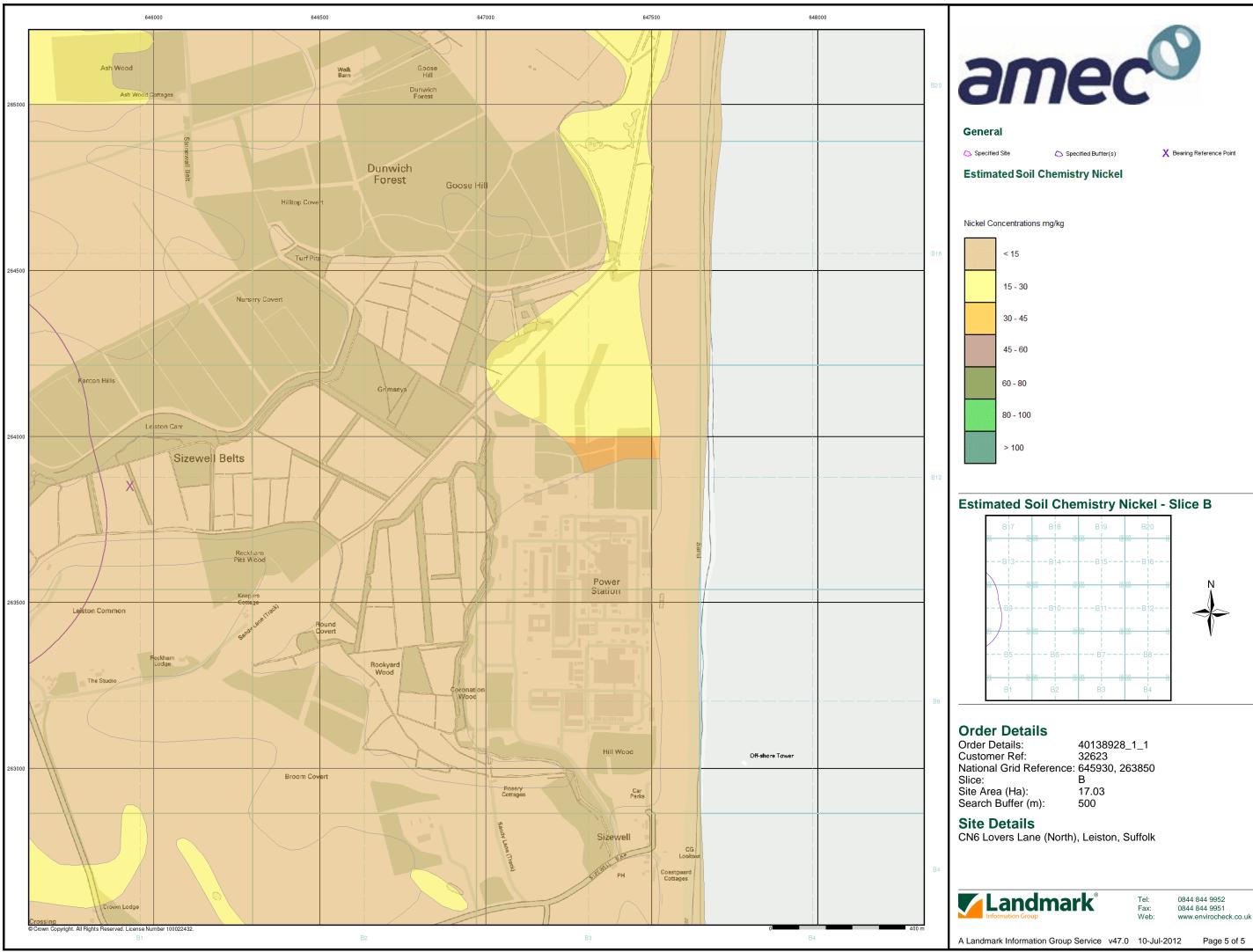
| SW<br>NW  | B17                 | SE SW<br>NE NW | B18      | SE SW<br>NE NW | B19                   | SE SW<br>NE NW | B20     | SE       |               |
|-----------|---------------------|----------------|----------|----------------|-----------------------|----------------|---------|----------|---------------|
|           | B13-                |                | -В14-    |                | -B15-                 |                | -В16-   |          |               |
| swy<br>uw |                     | SE SW<br>NE NW |          | SE SW<br>NE NW |                       | SE SW<br>NE NW |         | SE<br>NE | N<br>A        |
|           | ·B9 –               |                | -віо-    |                | -В11-                 |                | -В12-   |          | $\Rightarrow$ |
|           |                     | SE SW<br>NE NW |          | SE SW<br>NE NW |                       | SESW<br>NENW   |         | SE<br>NE | V             |
|           | ·B <mark>5</mark> – |                | - ·B¦6 - |                | - ·B <sup>'</sup> 7 - |                | - ·B8 - |          |               |
| SW<br>NW  |                     | SE SW<br>NE NW |          | SE SW<br>NE NW |                       | SE SW<br>NE NW |         | SE       |               |



| B17   | SE SW<br>NE NW | B18     | SE SW<br>NE NW | B19    | SESW<br>NENW   | B20                   | SE<br>NE |   |
|-------|----------------|---------|----------------|--------|----------------|-----------------------|----------|---|
| В13-  |                | -ві́4-  |                | -B15-  |                | -ві6-                 |          |   |
| 300   | SE SW<br>NE NW |         | SE SW<br>NE NW |        | SEISW<br>NE NW |                       | SE<br>NE | N |
|       |                | -в¦о-   |                | -ві1-  |                | -в¦2-                 |          |   |
|       | SE SW<br>NE NW |         | SE SW<br>NE NW |        | SE SW<br>NE NW |                       | SE<br>NE |   |
| ·B5 - |                | - ·B6 - |                | – ·B7– |                | - ·B <mark>8</mark> - |          |   |
| B1    | SE SW<br>NE NW | B2      | SE SW<br>NE NW | B3     | SE SW<br>NE NW | B4                    | SE<br>NE |   |

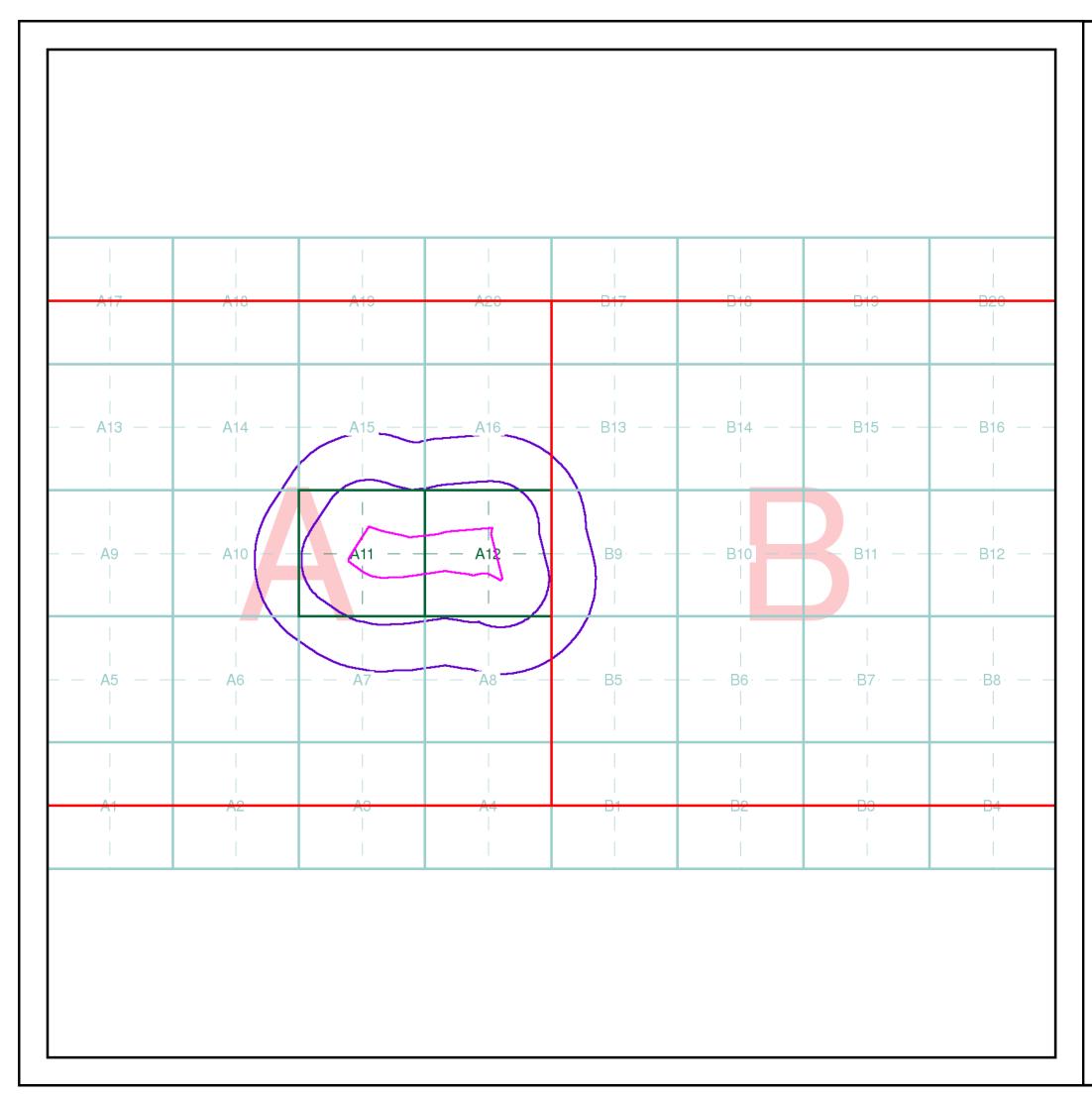


| < 150     |
|-----------|
| 150 - 300 |
| 300 - 600 |
| 600 - 900 |



X Bearing Reference Point

| mated        |                | B18     |                | B19    |                | B20                  |          |   |
|--------------|----------------|---------|----------------|--------|----------------|----------------------|----------|---|
| sw I<br>NW I | SE SW<br>NE NW |         | SE SW<br>NE NW |        | SESW<br>NENW   |                      | SE<br>NE |   |
| B13-         |                | -ві́4-  |                | -В15-  |                | -ві6-                |          |   |
|              | SE SW<br>NE NW |         | SE SW<br>NE NW |        | SE SW<br>NE NW |                      | SE<br>NE | N |
|              |                | -в¦о-   |                | -Ві́1- |                | -в¦2-                |          |   |
| sw I<br>ww I | SE SW<br>NE NW |         | SE SW<br>NE NW |        | SE SW<br>NE NW |                      | SE<br>NE | V |
| B5-          |                | - ·B6 - |                | - ·B7- |                | - ·B <mark>/8</mark> |          |   |
| SW I         | SE SW<br>NE NW |         | SE SW<br>NE NW |        | SE SW<br>NE NW |                      | SE<br>NE |   |





### **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:





British Geological Survey Natural environment research council





Envirocheck reports are compiled from 136 different sources of data.

#### **Client Details**

Miss D Shankar, AMEC Environment & Infrastructure UK Ltd, Unit 1, Long Barn, Village Road, Nercwys, Mold, Flintshire, CH7 4EW

#### **Order Details**

 Order Number:
 40138928\_1\_1

 Customer Ref:
 32623

 National Grid Reference:
 644950, 263880

 Site Area (Ha):
 17.03

 Search Buffer (m):
 500

### Site Details

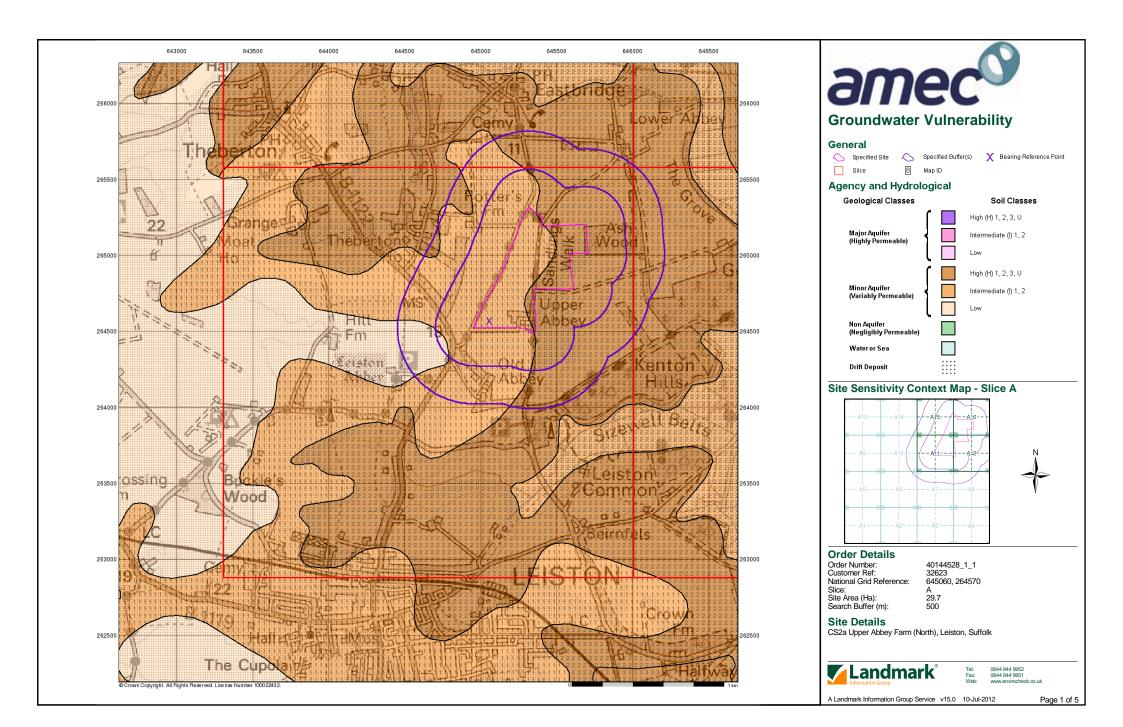
CN6 Lovers Lane (North), Leiston, Suffolk

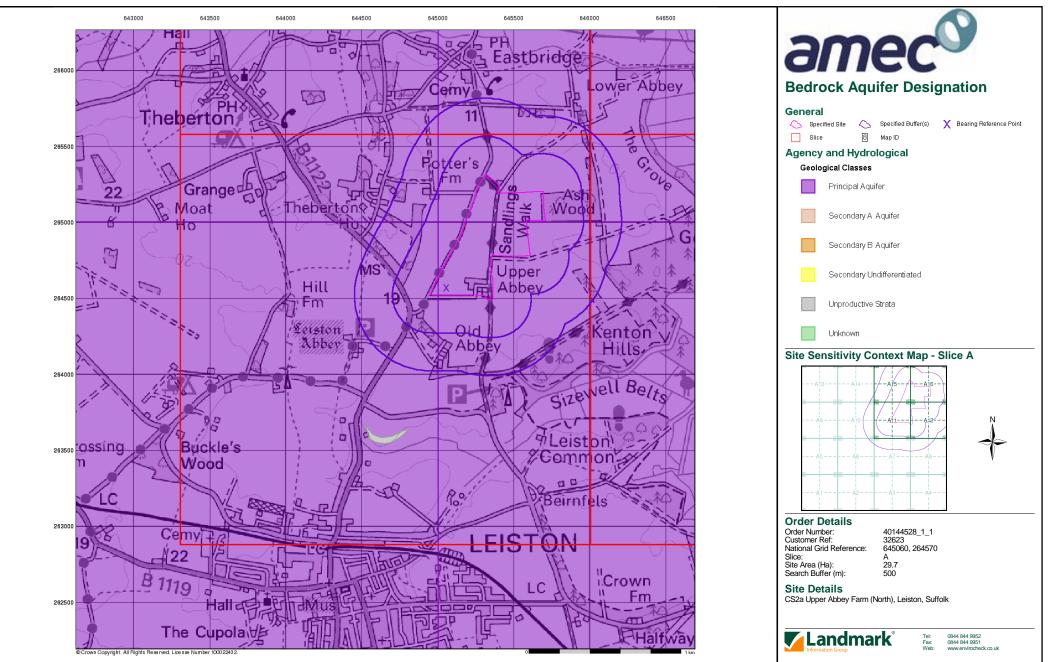
Full Terms and Conditions can be found on the following link: http://www.landmarkinfo.co.uk/Terms/Show/430



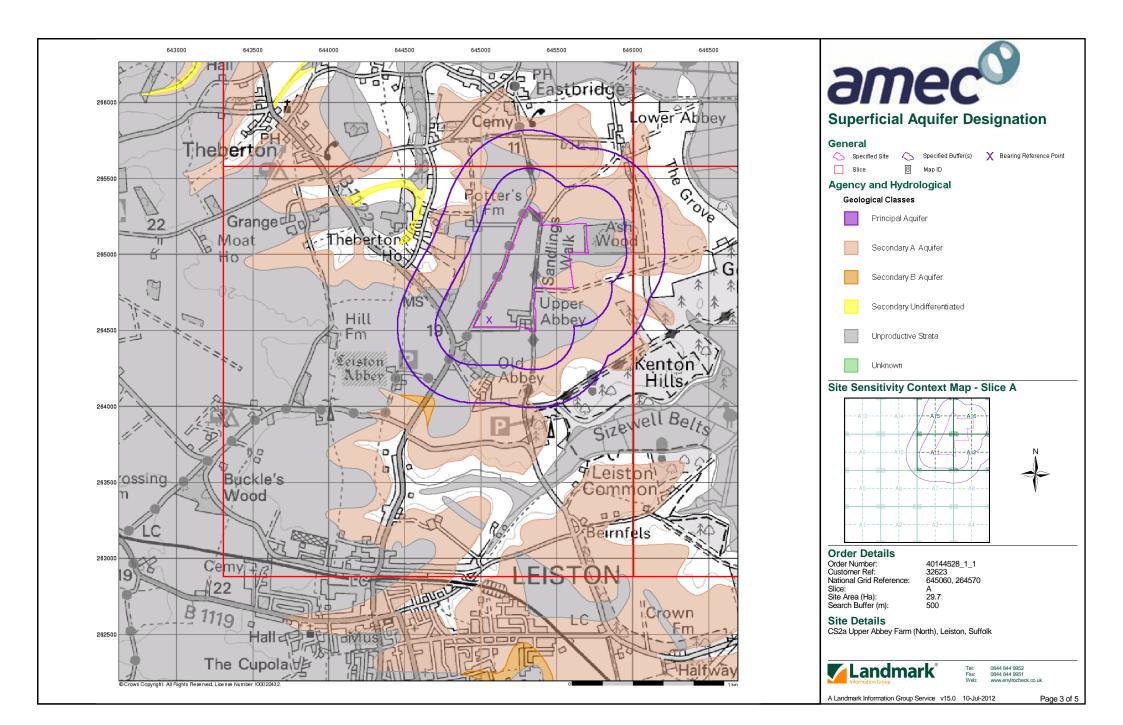
Tel: Fax: Web: 0844 844 9952 0844 844 9951 www.envirocheck.co.uk

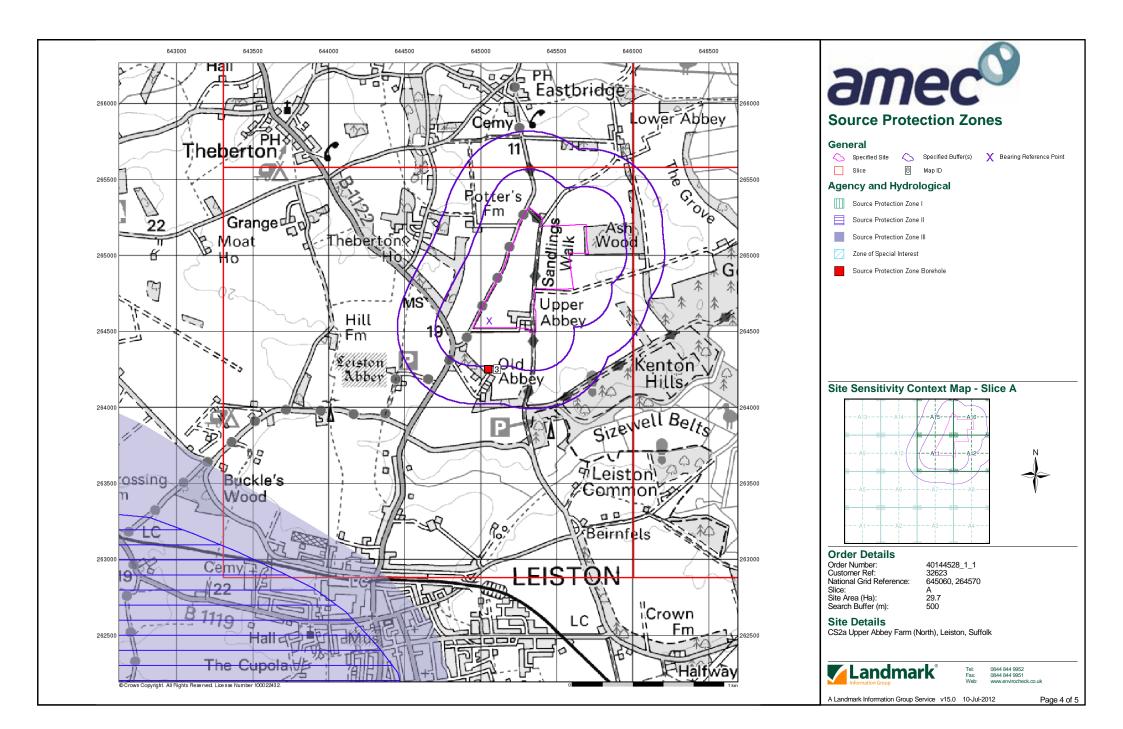
A Landmark Information Group Service v47.0 10-Jul-2012

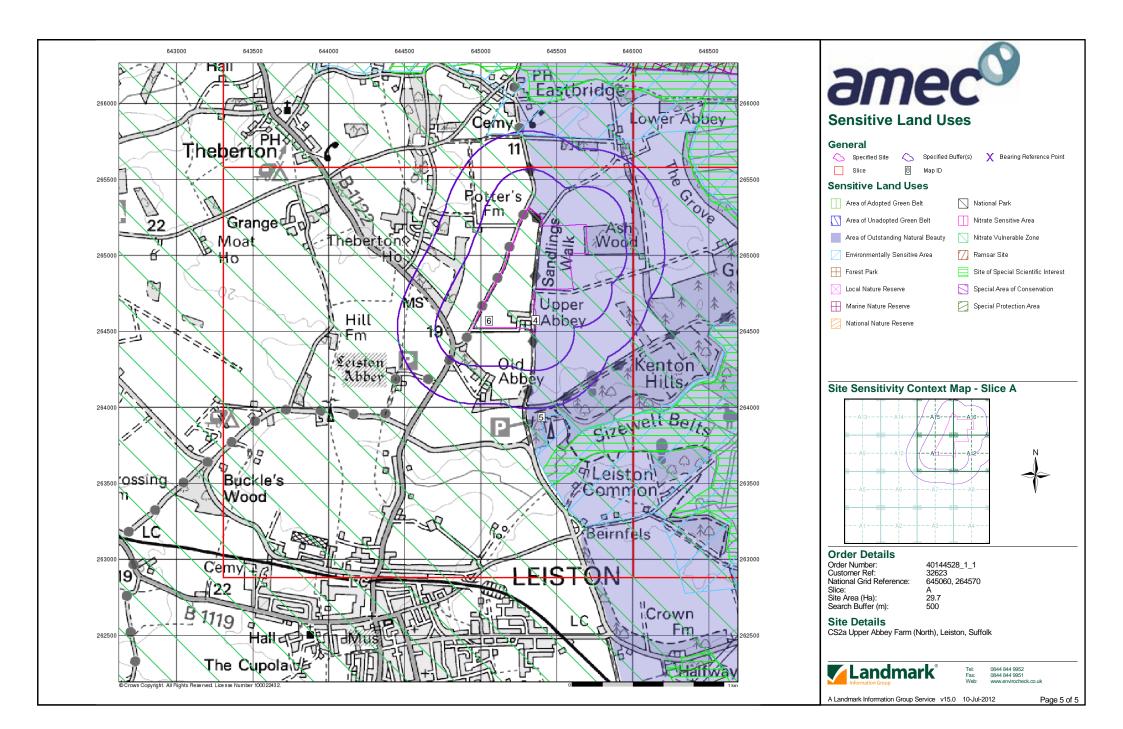




Page 2 of 5









# **Envirocheck® Report:**

### **Datasheet**

### **Order Details:**

Order Number: 40144528\_1\_1

Customer Reference: 32623

National Grid Reference: 645060, 264570

Slice:

Site Area (Ha):

29.7

Search Buffer (m): 500

### Site Details:

CS2a Upper Abbey Farm (North) Leiston Suffolk

### **Client Details:**

Miss D Shankar AMEC Environment & Infrastructure UK Ltd Unit 1, Long Barn Village Road Nercwys Mold Flintshire CH7 4EW





Contents

| Report Section        | Page Number |
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| Waste                 | 4           |
| Hazardous Substances  | -           |
| Geological            | 5           |
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| Data Currency         | 12          |
| Data Suppliers        | 16          |
| Useful Contacts       | 17          |

#### 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 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 the attached 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 v47.0



## Summary

| Data Type   | Page<br>Number | On Site | 0 to 250m | 251 to 500m<br>(*up to 1000m) |
|---|----------------|---------|-----------|-------------------------------|
| Agency & Hydrological   |                |         |           |                               |
| Contaminated Land Register Entries and Notices                |                |         |           |                               |
| Discharge Consents  |                |         |           |                               |
| 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                      |                |         |           |                               |
| Prosecutions Relating to Authorised Processes                 |                |         |           |                               |
| Prosecutions Relating to Controlled Waters                    |                |         |           |                               |
| Registered Radioactive Substances                             |                |         |           |                               |
| River Quality   | pg 1           |         | 1         |                               |
| River Quality Biology Sampling Points                         |                |         |           |                               |
| River Quality Chemistry Sampling Points                       |                |         |           |                               |
| Substantiated Pollution Incident Register                     |                |         |           |                               |
| Water Abstractions  | pg 1           | 1       |           | 1 (*3)                        |
| Water Industry Act Referrals                                  |                |         |           |                               |
| Groundwater Vulnerability                                     | pg 2           | Yes     | n/a       | n/a                           |
| Bedrock Aquifer Designations                                  | pg 2           | Yes     | n/a       | n/a                           |
| Superficial Aquifer Designations                              | pg 2           | Yes     | n/a       | n/a                           |
| Source Protection Zones                                       | pg 3           |         |           | 1                             |
| Extreme Flooding from Rivers or Sea without Defences          |                |         |           | n/a                           |
| Flooding from Rivers or Sea without Defences                  |                |         |           | n/a                           |
| Areas Benefiting from Flood Defences                          |                |         |           | n/a                           |
| Flood Water Storage Areas                                     |                |         |           | n/a                           |
| Flood Defences  |                |         |           | n/a                           |
| 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 Recorded Landfill Sites                       |                |         |           |                               |
| Registered Landfill Sites                                     |                |         |           |                               |
| Registered Waste Transfer Sites                               |                |         |           |                               |
| Registered Waste Treatment or Disposal Sites                  |                |         |           |                               |
|   |                |         | 1         | <u> </u>                      |



## Summary

| Data Type   | Page<br>Number | On Site | 0 to 250m | 251 to 500m<br>(*up to 1000m) |
|---|----------------|---------|-----------|-------------------------------|
| 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 5           | Yes     | n/a       | n/a                           |
| BGS Estimated Soil Chemistry  | pg 5           | Yes     | Yes       | Yes                           |
| BGS Recorded Mineral Sites  |                |         |           |                               |
| BGS Urban Soil Chemistry  |                |         |           |                               |
| BGS Urban Soil Chemistry Averages                                   |                |         |           |                               |
| Brine Compensation Area   |                |         | n/a       | n/a                           |
| Coal Mining Affected Areas  |                |         | n/a       | n/a                           |
| Mining Instability  |                |         | n/a       | n/a                           |
| Man-Made Mining Cavities  |                |         |           |                               |
| Natural Cavities  |                |         |           |                               |
| Non Coal Mining Areas of Great Britain                              |                |         |           | n/a                           |
| Potential for Collapsible Ground Stability Hazards                  | pg 8           | Yes     | Yes       | n/a                           |
| Potential for Compressible Ground Stability Hazards                 |                |         |           | n/a                           |
| Potential for Ground Dissolution Stability Hazards                  |                |         |           | n/a                           |
| Potential for Landslide Ground Stability Hazards                    | pg 9           | Yes     | Yes       | n/a                           |
| Potential for Running Sand Ground Stability Hazards                 | pg 9           | Yes     | Yes       | n/a                           |
| Potential for Shrinking or Swelling Clay Ground Stability Hazards   | pg 9           | Yes     | Yes       | n/a                           |
| Radon Potential - Radon Affected Areas                              |                |         | n/a       | n/a                           |
| Radon Potential - Radon Protection Measures                         |                |         | n/a       | n/a                           |
| Industrial Land Use   |                |         |           |                               |
| Contemporary Trade Directory Entries                                |                |         |           |                               |
| Fuel Station Entries  |                |         |           |                               |



## Summary

| Data Type                            | Page<br>Number | On Site | 0 to 250m | 251 to 500m<br>(*up to 1000m) |
|--------------------------------------|----------------|---------|-----------|-------------------------------|
| Sensitive Land Use                   |                |         |           |                               |
| Areas of Adopted Green Belt          |                |         |           |                               |
| Areas of Unadopted Green Belt        |                |         |           |                               |
| Areas of Outstanding Natural Beauty  | pg 11          | 1       |           |                               |
| Environmentally Sensitive Areas      | pg 11          |         |           | 1                             |
| Forest Parks                         |                |         |           |                               |
| Local Nature Reserves                |                |         |           |                               |
| Marine Nature Reserves               |                |         |           |                               |
| National Nature Reserves             |                |         |           |                               |
| National Parks                       |                |         |           |                               |
| Nitrate Sensitive Areas              |                |         |           |                               |
| Nitrate Vulnerable Zones             | pg 11          | 1       |           |                               |
| Ramsar Sites                         |                |         |           |                               |
| Sites of Special Scientific Interest |                |         |           |                               |
| Special Areas of Conservation        |                |         |           |                               |
| Special Protection Areas             |                |         |           |                               |



# Agency & Hydrological

| Map<br>ID | Details  |  |              | Estimated<br>Distance<br>From Site | Contact | NGR              |
|-----------|--|--|--------------|------------------------------------|---------|------------------|
|           | Nearest Surface Wa   | ter Feature  | A11NE<br>(E) | 0                                  | -       | 645290<br>264618 |
|           | River Quality<br>Name:<br>GQA Grade:<br>Reach:<br>Estimated Distance<br>(km):<br>Flow Rate:<br>Flow Type:<br>Year:   | Leiston Bk<br>River Quality F<br>LeistonMinsmere Sluice<br>4.5<br>Flow less than 0.31 cumecs<br>River<br>2000  | A11SE<br>(S) | 79                                 | 1       | 645033<br>264431 |
| 1         | Water Abstractions<br>Operator:<br>Licence Number:<br>Permit Version:<br>Location:<br>Authority:<br>Abstraction Type:<br>Source:<br>Daily Rate (m3):<br>Yearly Rate (m3):<br>Details:<br>Authorised Start:<br>Authorised End:<br>Permit Start Date:<br>Permit End Date:<br>Positional Accuracy:                        | British Energy Generation Ltd<br>7/35/03/*G/0045<br>101<br>Well At Upper Abbey Fm,Leiston<br>Environment Agency, Anglian Region<br>General Farming And Domestic<br>Water may be abstracted from a single point<br>Groundwater<br>Not Supplied<br>Not Supplied<br>Crag; Status: Perpetuity<br>01 January<br>31 December<br>31st December<br>31st December 1998<br>Not Supplied<br>Located by supplier to within 10m | A11NE<br>(E) | 0                                  | 1       | 645320<br>264570 |
| 2         | Water Abstractions<br>Operator:<br>Licence Number:<br>Permit Version:<br>Location:<br>Authority:<br>Abstraction Type:<br>Source:<br>Daily Rate (m3):<br>Yearly Rate (m3):<br>Details:<br>Authorised Start:<br>Authorised Start:<br>Authorised Start:<br>Permit Start Date:<br>Permit End Date:<br>Positional Accuracy: | Mr J R Poll<br>7/35/03/*G/0051<br>100<br>Bore Nr Leiston Old Abbey,Leis<br>Environment Agency, Anglian Region<br>General Farming And Domestic<br>Water may be abstracted from a single point<br>Groundwater<br>Not Supplied<br>Not Supplied<br>Glacial Sand and Gravel; Status: Perpetuity<br>01 January<br>31 December<br>1st April 1996<br>Not Supplied<br>Located by supplier to within 10m                     | A11SE<br>(S) | 272                                | 1       | 645050<br>264250 |
|           | Water Abstractions<br>Operator:<br>Licence Number:<br>Permit Version:<br>Location:<br>Authority:<br>Abstraction Type:<br>Source:<br>Daily Rate (m3):<br>Yearly Rate (m3):<br>Details:<br>Authorised Start:<br>Authorised Start:<br>Authorised End:<br>Permit Start Date:<br>Permit End Date:                           | Mr J R Poll<br>7/35/03/**/051<br>Not Supplied<br>Bore Near Leiston Old Abbey, LEISTON<br>Environment Agency, Anglian Region<br>Spray Irrigation<br>Not Supplied<br>Stream<br>23<br>500000<br>Status: Perpetuity<br>Not Supplied<br>Not Supplied<br>Not Supplied<br>Not Supplied<br>Located by supplier to within 10m   | A7SE<br>(S)  | 739                                | 1       | 645190<br>263765 |



# Agency & Hydrological

| Map<br>ID | Details  |   |               | Estimated<br>Distance<br>From Site | Contact | NGR              |
|-----------|--|---|---------------|------------------------------------|---------|------------------|
|           | Water Abstractions   |   |               |                                    |         |                  |
|           | Operator:<br>Licence Number:<br>Permit Version:<br>Location:<br>Authority:<br>Abstraction:<br>Abstraction Type:<br>Source:<br>Daily Rate (m3):<br>Yearly Rate (m3):<br>Details:<br>Authorised Start:<br>Authorised Start:<br>Authorised End:<br>Permit Start Date:<br>Permit End Date:                               | Mr J R Poll<br>7/35/03/*S/0051<br>100<br>Spr Fed Drain At Sizewell Belt<br>Environment Agency, Anglian Region<br>General Agriculture: Spray Irrigation - Direct<br>Water may be abstracted from a single point<br>Surface<br>Not Supplied<br>Not Supplied<br>Status: Perpetuity<br>01 May<br>30 September<br>1st April 1996<br>Not Supplied   | A8SW<br>(SE)  | 761                                | 1       | 645600<br>263770 |
|           | Positional Accuracy:   | Located by supplier to within 10m   |               |                                    |         |                  |
|           | Water Abstractions<br>Operator:<br>Licence Number:<br>Permit Version:<br>Location:<br>Authority:<br>Abstraction Type:<br>Source:<br>Daily Rate (m3):<br>Yearly Rate (m3):<br>Details:<br>Authorised Start:<br>Authorised Start:<br>Authorised End:<br>Permit Start Date:<br>Permit End Date:<br>Positional Accuracy: | A W Mortier (Farms) Ltd<br>7/35/03/*S/0075<br>101<br>Res At Leiston-Cum-Sizewell<br>Environment Agency, Anglian Region<br>General Agriculture: Spray Irrigation - Direct<br>Water may be abstracted from a single point<br>Surface<br>Not Supplied<br>Not Supplied<br>Status: Perpetuity<br>01 May<br>31 October<br>2nd October 1997<br>Not Supplied<br>Located by supplier to within 10m | A8SE<br>(SE)  | 941                                | 1       | 646000<br>263800 |
|           | Groundwater Vulne<br>Soil Classification:<br>Map Sheet:<br>Scale:  | rability<br>Soils of Intermediate Leaching Potential (I1) - Soils which can possibly<br>transmit a wide range of pollutants<br>Sheet 33 East Suffolk<br>1:100,000   | A11NE<br>(NE) | 0                                  | 1       | 645056<br>264569 |
|           | Groundwater Vulne<br>Soil Classification:<br>Map Sheet:<br>Scale:  | rability<br>Soils of High Leaching Potential (H2) - Deep, permeable, coarse textured soils<br>which readily transmit a wide range of pollutants because of their rapid<br>drainage and low attenuation potential<br>Sheet 33 East Suffolk<br>1:100,000  | A11NE<br>(E)  | 0                                  | 1       | 645302<br>264619 |
|           |  |   |               |                                    |         |                  |
|           | Drift Deposits<br>Drift Deposit:<br>Map Sheet:<br>Scale:   | Low permeability drift deposits occuring at the surface and overlying Major and<br>Minor Aquifers are head, clay-with-flints, brickearth, peat, river terrace deposits<br>and marine and estuarine alluvium<br>Sheet 33 East Suffolk<br>1:100,000   |               | 0                                  | 1       | 645056<br>264569 |
|           | Bedrock Aquifer De   | signations  |               |                                    |         |                  |
|           | Aquifer Desination:  | Principal Aquifer   | A11NE<br>(W)  | 0                                  | 2       | 645003<br>264569 |
|           | Bedrock Aquifer De<br>Aquifer Desination:  | -   | A11NE<br>(NE) | 0                                  | 2       | 645056<br>264569 |
|           | Bedrock Aquifer De<br>Aquifer Desination:  | -   | A15SE<br>(N)  | 0                                  | 2       | 645056<br>265001 |
|           | Superficial Aquifer  | Designations  | (14)          |                                    |         | 200001           |
|           | · ·  | Unproductive Strata   | A11NE<br>(W)  | 0                                  | 2       | 645003<br>264569 |
|           | Superficial Aquifer Aquifer Designation:   | Designations<br>Unproductive Strata   | A15SE<br>(N)  | 0                                  | 2       | 645056<br>265001 |
|           | Superficial Aquifer Aquifer Designation:   | Designations<br>Unproductive Strata   | A11NE<br>(NE) | 0                                  | 2       | 645056<br>264569 |
|           | Superficial Aquifer  | Designations<br>Secondary Aquifer - A   | A11SE<br>(SE) | 0                                  | 2       | 645249<br>264273 |



# Agency & Hydrological

| Map<br>ID |   | Details  | Quadrant<br>Reference<br>(Compass<br>Direction) | Estimated<br>Distance<br>From Site | Contact | NGR              |
|-----------|---|--|---|------------------------------------|---------|------------------|
|           | Source Protecti                         | on Zones   |   |                                    |         |                  |
| 3         | Name:<br>Source:<br>Reference:<br>Type: | Bore Nr Leiston Old Abbey,Leis<br>Environment Agency, Head Office<br>An429<br>Groundwater Source | A11SE<br>(S)                                    | 272                                | 1       | 645050<br>264250 |
|           | Extreme Floodi<br>None                  | ng from Rivers or Sea without Defences   |   |                                    |         |                  |
|           | Flooding from F                         | Rivers or Sea without Defences   |   |                                    |         |                  |
|           | Areas Benefitin<br>None                 | g from Flood Defences  |   |                                    |         |                  |
|           | Flood Water Sto<br>None                 | orage Areas  |   |                                    |         |                  |
|           | Flood Defences                          |  |   |                                    |         |                  |



### Waste

| Map<br>ID | Details  |  | Estimated<br>Distance<br>From Site | Contact | NGR              |
|-----------|--|--|------------------------------------|---------|------------------|
|           | Local Authority Landfill Coverage  |  |                                    |         |                  |
|           | Name: Suffolk County Council<br>- Has supplied landfill data   |  | 0                                  | 6       | 645056<br>264569 |
|           | Local Authority Landfill Coverage  |  |                                    |         |                  |
|           | Name: Suffolk Coastal District Council<br>- Had landfill data but passed it to the relevant environment agency |  | 0                                  | 7       | 645056<br>264569 |



| Map<br>ID |   | Details   | Quadrant<br>Reference<br>(Compass<br>Direction) | Estimated<br>Distance<br>From Site | Contact | NGR              |
|-----------|---|---|---|------------------------------------|---------|------------------|
|           | BGS 1:625,000 Solid   | d Geology   |   |                                    |         |                  |
|           | Description:  | Norwich Crag, Red Crag and Chillesford Clay   | A11NE<br>(NE)                                   | 0                                  | 2       | 645056<br>264569 |
|           | BGS Estimated Soil<br>Source:<br>Soil Sample Type:<br>Arsenic<br>Concentration:<br>Cadmium<br>Concentration:<br>Chromium<br>Concentration:<br>Lead Concentration:<br>Nickel                   | British Geological Survey, National Geoscience Information Service<br>Rural Soil<br><15 mg/kg<br><1.8 mg/kg<br>40 - 60 mg/kg                                | A11NE<br>(W)                                    | 0                                  | 3       | 645000<br>264569 |
|           | Concentration:  |   |   |                                    |         |                  |
|           | BGS Estimated Soil<br>Source:<br>Soil Sample Type:<br>Arsenic<br>Concentration:<br>Cadmium<br>Concentration:<br>Chromium<br>Concentration:<br>Lead Concentration:<br>Nickel<br>Concentration: | British Geological Survey, National Geoscience Information Service<br>Rural Soil<br><15 mg/kg<br><1.8 mg/kg<br>40 - 60 mg/kg                                | A11NE<br>(NE)                                   | 0                                  | 3       | 645056<br>264569 |
|           | BGS Estimated Soil  | Chemistry   |   |                                    |         |                  |
|           | Source:<br>Soil Sample Type:<br>Arsenic<br>Concentration:<br>Cadmium<br>Concentration:<br>Chromium<br>Concentration:<br>Lead Concentration:<br>Nickel<br>Concentration:                       | British Geological Survey, National Geoscience Information Service<br>Rural Soil<br><15 mg/kg<br><1.8 mg/kg<br>20 - 40 mg/kg                                | A11SE<br>(SE)                                   | 0                                  | 3       | 645249<br>264273 |
|           |   |   |   |                                    |         |                  |
|           | BGS Estimated Soil<br>Source:<br>Soil Sample Type:<br>Arsenic<br>Concentration:<br>Cadmium<br>Concentration:<br>Chromium<br>Concentration:<br>Lead Concentration:<br>Nickel<br>Concentration: | British Geological Survey, National Geoscience Information Service<br>Rural Soil<br><15 mg/kg<br><1.8 mg/kg<br>40 - 60 mg/kg                                | A15SE<br>(N)                                    | 0                                  | 3       | 645056<br>265000 |
|           | BGS Estimated Soil  | Chemistry   |   |                                    |         |                  |
|           | Source:<br>Soil Sample Type:<br>Arsenic<br>Concentration:<br>Cadmium<br>Concentration:<br>Chromium<br>Concentration:<br>Lead Concentration:<br>Nickel<br>Concentration:                       | British Geological Survey, National Geoscience Information Service<br>Rural Soil<br><15 mg/kg<br>20 - 40 mg/kg<br><150 mg/kg<br><15 mg/kg                   | A16SW<br>(NE)                                   | 4                                  | 3       | 645441<br>265214 |
|           | BGS Estimated Soil  | Chemistry   |   |                                    |         |                  |
|           | Source:<br>Soil Sample Type:<br>Arsenic<br>Concentration:<br>Cadmium<br>Concentration:<br>Chromium<br>Concentration:<br>Lead Concentration:<br>Nickel<br>Concentration:                       | British Geological Survey, National Geoscience Information Service<br>Rural Soil<br><15 mg/kg<br><1.8 mg/kg<br>40 - 60 mg/kg<br><150 mg/kg<br>15 - 30 mg/kg | A15SE<br>(N)                                    | 170                                | 3       | 645000<br>265000 |



|   | Details   | Quadrant<br>Reference<br>(Compass<br>Direction)   | Estimated<br>Distance<br>From Site   | Contact   | NGR  |
|---|---|---|--|---|--|
| BGS Estimated Soil  | Chemistry   |   |  |   |  |
| Source:<br>Soil Sample Type:<br>Arsenic                   | British Geological Survey, National Geoscience Information Service<br>Rural Soil<br><15 mg/kg   | A12NE<br>(E)  | 183  | 3   | 645797<br>264834   |
| Cadmium<br>Concentration:                                 | <1.8 mg/kg  |   |  |   |  |
| Concentration:  |   |   |  |   |  |
| BGS Estimated Soil  | Chemistry   |   |  |   |  |
| Source:<br>Soil Sample Type:<br>Arsenic<br>Concentration: | British Geological Survey, National Geoscience Information Service<br>Rural Soil<br><15 mg/kg   | A11NW<br>(NW)   | 188  | 3   | 644871<br>264791   |
| Concentration:<br>Chromium                                | < 1.6 mg/kg<br>20 - 40 mg/kg  |   |  |   |  |
| Lead Concentration:<br>Nickel                             | <150 mg/kg<br><15 mg/kg   |   |  |   |  |
|   | Chamistry   |   |  |   |  |
| Source:<br>Soil Sample Type:<br>Arsenic<br>Concentration: | British Geological Survey, National Geoscience Information Service<br>Rural Soil<br><15 mg/kg   | A15NE<br>(N)  | 196  | 3   | 645000<br>265316   |
| Cadmium<br>Concentration:                                 | <1.8 mg/kg  |   |  |   |  |
| Concentration:<br>Lead Concentration:                     | <150 mg/kg  |   |  |   |  |
| Concentration:  |   |   |  |   |  |
| <b>BGS Estimated Soil</b>                                 | Chemistry   |   |  |   |  |
| Source:<br>Soil Sample Type:<br>Arsenic                   | British Geological Survey, National Geoscience Information Service<br>Rural Soil<br><15 mg/kg   | A15SW<br>(N)  | 232  | 3   | 644933<br>265000   |
| Cadmium<br>Concentration:                                 | <1.8 mg/kg  |   |  |   |  |
| Concentration:  |   |   |  |   |  |
| Nickel<br>Concentration:                                  | <15 mg/kg   |   |  |   |  |
| BGS Estimated Soil  | Chemistry   |   |  |   |  |
| Source:<br>Soil Sample Type:<br>Arsenic<br>Concentration: | British Geological Survey, National Geoscience Information Service<br>Rural Soil<br><15 mg/kg   | A12NE<br>(E)  | 291  | 3   | 646000<br>264864   |
| Concentration:  |   |   |  |   |  |
| Concentration:<br>Lead Concentration:                     | <150 mg/kg  |   |  |   |  |
| Nickel<br>Concentration:                                  | <15 mg/kg   |   |  |   |  |
| BGS Estimated Soil  | Chemistry   |   |  |   |  |
| Source:<br>Soil Sample Type:<br>Arsenic                   | British Geological Survey, National Geoscience Information Service<br>Rural Soil<br><15 mg/kg   | A16SE<br>(NE)   | 291  | 3   | 646000<br>265000   |
| Concentration:<br>Cadmium                                 | <1.8 mg/kg  |   |  |   |  |
| Chromium<br>Concentration:                                | 20 - 40 mg/kg   |   |  |   |  |
| Lead Concentration:<br>Nickel<br>Concentration:           | <150 mg/kg<br><15 mg/kg   |   |  |   |  |
|   | Source:<br>Soil Sample Type:<br>Arsenic<br>Concentration:<br>Chromium<br>Concentration:<br>Lead Concentration:<br>Lead Concentration:<br>Mickel<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Lead Concentration:<br>Nickel<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentra | BCS Estimated Soil Chemistry         Source:       British Geological Survey, National Geoscience Information Service         Soli Sample Type:       Rural Soil         Concentration:       15 mg/kg         Concentration:       20 - 40 mg/kg         Concentration:       150 mg/kg | Bots         Entities         References<br>Direction)           BCS Estimated Soil Chemistry<br>Source:         Bittish Geological Survey, National Geoscience Information Service<br>Soil Sample Type:         A12NE<br>(E)           Arsenic         -15 mg/kg         -15 mg/kg         -15 mg/kg           Concentration:         -13 mg/kg         -15 mg/kg         -15 mg/kg           Concentration:         -14 mg/kg         -15 mg/kg         -15 mg/kg           Concentration:         -15 mg/kg         -15 mg/kg         -11 NW           Robit Settimated Soil Chemistry         -15 mg/kg         -11 NW           Source:         Bittish Geological Survey, National Geoscience Information Service<br>Concentration:         -11 NW           Source:         British Geological Survey, National Geoscience Information Service<br>Concentration:         -15 mg/kg           Concentration:         -10 mg/kg         -11 NW           Concentration:         -10 mg/kg         -11 NW           Concentration:         -15 mg/kg         -11 NW           Concentration:         -10 mg/kg         -11 NW           Concentration:         -10 mg/kg         -11 NW           Concentration:         -15 mg/kg         -11 NW           Concentration:         -15 mg/kg         -11 NW           Concentration: | Details         Reference,<br>Company<br>Direction         Petitate<br>Promise<br>Direction           805 Estimated Soil Chemistry<br>Concentration:<br>Cadmium         British Canological Survey, National Geoscience Information Service<br>Cadmium         A12NE<br>(E)         183           805 Estimated Soil Chemistry<br>Concentration:<br>Cadmium         20:40 mg/kg<br>Concentration:<br>C15 mg/kg         A12NE<br>(E)         183           805 Estimated Soil Chemistry<br>Source:<br>Concentration:<br>Cadmium         21:6 mg/kg<br>Concentration:<br>C15 mg/kg         A11NW<br>(NW)         188           805 Estimated Soil Chemistry<br>Source:<br>Concentration:<br>Cadmium         C16 mg/kg<br>Concentration:<br>C15 mg/kg         A11NW<br>Concentration:<br>C15 mg/kg         188           805 Estimated Soil Chemistry<br>Source:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>C16 mg/kg         A15NE<br>(N)         196           805 Estimated Soil Chemistry<br>Source:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Concentration:<br>Co | Details         Reference<br>Direction         Reference<br>Prom Stelland<br>Direction         Details         Contact           Source<br>Ansent<br>Construction:         Statuse<br>Numb Soil<br>Construction:         Statuse<br>Numb Soil<br>Construction:         143         3           Source<br>Ansent<br>Construction:         -1.8 mg/kg<br>Construction:         -1.8 mg/kg<br>Construction:         143         3           Source<br>Construction:         -1.8 mg/kg<br>Construction:         -1.8 mg/kg<br>Construction:         1183         3           Source<br>Construction:         -1.8 mg/kg<br>Construction:         Source<br>-1.8 mg/kg         Source<br>Construction:         1183         3           Source<br>Construction:         -1.8 mg/kg<br>Construction:         Source<br>-1.8 mg/kg         Source<br>-1.8 mg/kg         1183         3           Source<br>Construction:         -1.8 mg/kg<br>Construction:         -1.8 mg/kg         1186         3           Source<br>Construction:         -1.8 mg/kg<br>Construction:         -1.8 mg/kg         1186         3           Source<br>Construction:         -1.8 mg/kg<br>Construction:         -1.8 mg/kg         1186         3           Source<br>Construction:         -1.8 mg/kg<br>Construction:         -1.8 mg/kg<br>Construction:         -1.8 mg/kg<br>Construction:         -1.8 mg/kg<br>Construction:         2.3 mg/kg<br>Construction:         1.3 mg/kg<br>Construction:         1.3 mg/kg<br>Construction:         -1.8 mg/kg<br>Co |



| Map<br>ID |   | Details   | Quadrant<br>Reference<br>(Compass<br>Direction) | Estimated<br>Distance<br>From Site | Contact | NGR              |
|-----------|---|---|---|------------------------------------|---------|------------------|
|           | BGS Estimated Soil  | I Chemistry   |   |                                    |         |                  |
|           | Source:<br>Soil Sample Type:<br>Arsenic<br>Concentration: | British Geological Survey, National Geoscience Information Service<br>Rural Soil<br><15 mg/kg | A7NE<br>(SE)                                    | 298                                | 3       | 645326<br>264059 |
|           | Cadmium<br>Concentration:<br>Chromium<br>Concentration:   | <1.8 mg/kg<br>20 - 40 mg/kg   |   |                                    |         |                  |
|           | Lead Concentration:<br>Nickel<br>Concentration:           | <150 mg/kg<br><15 mg/kg   |   |                                    |         |                  |
|           | BGS Estimated Soil  | I Chemistry   |   |                                    |         |                  |
|           | Source:<br>Soil Sample Type:<br>Arsenic<br>Concentration: | British Geological Survey, National Geoscience Information Service<br>Rural Soil<br><15 mg/kg | A16NE<br>(NE)                                   | 311                                | 3       | 645767<br>265503 |
|           | Cadmium<br>Concentration:<br>Chromium                     | <1.8 mg/kg<br>20 - 40 mg/kg   |   |                                    |         |                  |
|           | Concentration:<br>Lead Concentration:                     |   |   |                                    |         |                  |
|           | Nickel<br>Concentration:                                  | <15 mg/kg   |   |                                    |         |                  |
|           | BGS Estimated Soil  | I Chemistry   |   |                                    |         |                  |
|           | Source:<br>Soil Sample Type:<br>Arsenic<br>Concentration: | British Geological Survey, National Geoscience Information Service<br>Rural Soil<br><15 mg/kg | A12NE<br>(E)                                    | 326                                | 3       | 646000<br>264739 |
|           | Cadmium<br>Concentration:                                 | <1.8 mg/kg  |   |                                    |         |                  |
|           | Chromium<br>Concentration:                                | 20 - 40 mg/kg   |   |                                    |         |                  |
|           | Lead Concentration:<br>Nickel<br>Concentration:           | <150 mg/kg<br><15 mg/kg   |   |                                    |         |                  |
|           | BGS Estimated Soil  | I Chemistry   |   |                                    |         |                  |
|           | Source:<br>Soil Sample Type:<br>Arsenic                   | British Geological Survey, National Geoscience Information Service<br>Rural Soil<br><15 mg/kg | A7NE<br>(S)                                     | 338                                | 3       | 645000<br>264185 |
|           | Concentration:<br>Cadmium<br>Concentration:               | <1.8 mg/kg  |   |                                    |         |                  |
|           | Chromium<br>Concentration:                                | 20 - 40 mg/kg   |   |                                    |         |                  |
|           | Lead Concentration:<br>Nickel<br>Concentration:           | <150 mg/kg<br><15 mg/kg   |   |                                    |         |                  |
|           | BGS Estimated Soil  | I Chomietry   |   |                                    |         |                  |
|           | Source:<br>Soil Sample Type:<br>Arsenic<br>Concentration: | British Geological Survey, National Geoscience Information Service<br>Rural Soil<br><15 mg/kg | A15NE<br>(N)                                    | 344                                | 3       | 645000<br>265457 |
|           | Cadmium<br>Concentration:<br>Chromium                     | <1.8 mg/kg<br>40 - 60 mg/kg   |   |                                    |         |                  |
|           | Concentration:<br>Lead Concentration:                     |   |   |                                    |         |                  |
|           | Nickel<br>Concentration:                                  | 15 - 30 mg/kg   |   |                                    |         |                  |
|           | BGS Estimated Soil  | I Chemistry   |   |                                    |         |                  |
|           | Source:<br>Soil Sample Type:<br>Arsenic<br>Concentration: | British Geological Survey, National Geoscience Information Service<br>Rural Soil<br><15 mg/kg | A15SW<br>(NW)                                   | 347                                | 3       | 644680<br>265000 |
|           | Cadmium<br>Concentration:                                 | <1.8 mg/kg  |   |                                    |         |                  |
|           | Chromium<br>Concentration:                                | 20 - 40 mg/kg   |   |                                    |         |                  |
|           | Lead Concentration:<br>Nickel<br>Concentration:           | <150 mg/kg<br><15 mg/kg   |   |                                    |         |                  |



| Map<br>ID |  | Details   | Quadrant<br>Reference<br>(Compass<br>Direction) | Estimated<br>Distance<br>From Site | Contact | NGR              |
|-----------|--|---|---|------------------------------------|---------|------------------|
|           | BGS Estimated Soi  | I Chemistry   |   |                                    |         |                  |
|           | Source:<br>Soil Sample Type:<br>Arsenic<br>Concentration:                      | British Geological Survey, National Geoscience Information Service<br>Rural Soil<br><15 mg/kg                           | A11NW<br>(NW)                                   | 386                                | 3       | 644695<br>264891 |
|           | Cadmium<br>Concentration:  | <1.8 mg/kg  |   |                                    |         |                  |
|           | Chromium<br>Concentration:   | 20 - 40 mg/kg   |   |                                    |         |                  |
|           | Lead Concentration:<br>Nickel<br>Concentration:                                | <150 mg/kg<br><15 mg/kg   |   |                                    |         |                  |
|           | BGS Estimated Soi  | I Chemistry   |   |                                    |         |                  |
|           | Source:<br>Soil Sample Type:<br>Arsenic<br>Concentration:<br>Cadmium           | British Geological Survey, National Geoscience Information Service<br>Rural Soil<br><15 mg/kg<br><1.8 mg/kg             | A12NE<br>(E)                                    | 390                                | 3       | 646000<br>264569 |
|           | Concentration:<br>Chromium   | 20 - 40 mg/kg   |   |                                    |         |                  |
|           | Concentration:<br>Lead Concentration:<br>Nickel                                | <150 mg/kg<br><15 mg/kg   |   |                                    |         |                  |
|           | Concentration:   |   |   |                                    |         |                  |
|           | BGS Estimated Soi<br>Source:<br>Soil Sample Type:<br>Arsenic<br>Concentration: | I Chemistry<br>British Geological Survey, National Geoscience Information Service<br>Rural Soil<br><15 mg/kg            | A7NE<br>(S)                                     | 492                                | 3       | 645056<br>264000 |
|           | Cadmium<br>Concentration:  | <1.8 mg/kg  |   |                                    |         |                  |
|           | Chromium<br>Concentration:   | 20 - 40 mg/kg   |   |                                    |         |                  |
|           | Lead Concentration:<br>Nickel<br>Concentration:                                | <150 mg/kg<br><15 mg/kg   |   |                                    |         |                  |
|           | BGS Estimated Soi  | I Chemistry   |   |                                    |         |                  |
|           | Source:<br>Soil Sample Type:<br>Arsenic<br>Concentration:                      | British Geological Survey, National Geoscience Information Service<br>Rural Soil<br><15 mg/kg                           | A8NW<br>(SE)                                    | 493                                | 3       | 645351<br>264000 |
|           | Cadmium<br>Concentration:  | <1.8 mg/kg  |   |                                    |         |                  |
|           | Chromium<br>Concentration:   | 20 - 40 mg/kg   |   |                                    |         |                  |
|           | Lead Concentration:<br>Nickel<br>Concentration:                                | <150 mg/kg<br><15 mg/kg   |   |                                    |         |                  |
|           | BGS Measured Urb<br>No data available  | an Soil Chemistry   |   |                                    |         |                  |
|           | BGS Urban Soil Ch<br>No data available   | emistry Averages  |   |                                    |         |                  |
|           | Coal Mining Affecte  | Areas   |   |                                    |         |                  |
|           | •  | t not be affected by coal mining  |   |                                    |         |                  |
|           |  | reas of Great Britain   |   |                                    |         |                  |
|           |  | sible Ground Stability Hazards  |   |                                    |         |                  |
|           | Hazard Potential:<br>Source:   | Very Low<br>British Geological Survey, National Geoscience Information Service  | A11NE<br>(W)                                    | 0                                  | 2       | 645003<br>264569 |
|           | Potential for Collap<br>Hazard Potential:<br>Source:                           | <b>sible Ground Stability Hazards</b><br>Very Low<br>British Geological Survey, National Geoscience Information Service | A11NE<br>(NE)                                   | 0                                  | 2       | 645056<br>264569 |
|           | Potential for Collap<br>Hazard Potential:<br>Source:                           | sible Ground Stability Hazards<br>Very Low<br>British Geological Survey, National Geoscience Information Service        | A15SE<br>(N)                                    | 0                                  | 2       | 645056<br>265001 |
|           |  | sible Ground Stability Hazards  |   |                                    |         |                  |
|           | Hazard Potential:<br>Source:   | Very Low<br>British Geological Survey, National Geoscience Information Service  | A15SE<br>(N)                                    | 168                                | 2       | 645003<br>265001 |
|           | Potential for Comp<br>Hazard Potential:<br>Source:                             | ressible Ground Stability Hazards<br>No Hazard<br>British Geological Survey, National Geoscience Information Service    | A11NE   | 0                                  | 2       | 645003<br>264569 |
|           | Cource.  |   | (W)   |                                    |         | 204009           |

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| Map<br>ID | Details  | Quadrant<br>Reference<br>(Compass<br>Direction) | Estimated<br>Distance<br>From Site | Contact | NGR              |
|-----------|--|---|------------------------------------|---------|------------------|
|           | Potential for Compressible Ground Stability Hazards           Hazard Potential:         No Hazard           Source:         British Geological Survey, National Geoscience Information Service               | A11NE<br>(NE)                                   | 0                                  | 2       | 645056<br>264569 |
|           | Potential for Compressible Ground Stability Hazards           Hazard Potential:         No Hazard           Source:         British Geological Survey, National Geoscience Information Service               | A15SE<br>(N)                                    | 0                                  | 2       | 645056<br>265001 |
|           | Potential for Compressible Ground Stability Hazards           Hazard Potential:         No Hazard           Source:         British Geological Survey, National Geoscience Information Service               | A15SE<br>(N)                                    | 168                                | 2       | 645003<br>265001 |
|           | Potential for Ground Dissolution Stability Hazards<br>No Hazard  |   |                                    |         |                  |
|           | Potential for Landslide Ground Stability Hazards           Hazard Potential:         Very Low           Source:         British Geological Survey, National Geoscience Information Service                   | A11NE<br>(W)                                    | 0                                  | 2       | 645003<br>264569 |
|           | Potential for Landslide Ground Stability Hazards           Hazard Potential:         Very Low           Source:         British Geological Survey, National Geoscience Information Service                   | A11NE<br>(NE)                                   | 0                                  | 2       | 645056<br>264569 |
|           | Potential for Landslide Ground Stability Hazards           Hazard Potential:         Very Low           Source:         British Geological Survey, National Geoscience Information Service                   | A15SE<br>(N)                                    | 0                                  | 2       | 645056<br>265001 |
|           | Potential for Landslide Ground Stability Hazards           Hazard Potential:         Very Low           Source:         British Geological Survey, National Geoscience Information Service                   | A15SE<br>(N)                                    | 168                                | 2       | 645003<br>265001 |
|           | Potential for Running Sand Ground Stability Hazards           Hazard Potential:         Very Low           Source:         British Geological Survey, National Geoscience Information Service                | A11NE<br>(W)                                    | 0                                  | 2       | 645003<br>264569 |
|           | Potential for Running Sand Ground Stability Hazards           Hazard Potential:         Very Low           Source:         British Geological Survey, National Geoscience Information Service                | A11NE<br>(NE)                                   | 0                                  | 2       | 645056<br>264569 |
|           | Potential for Running Sand Ground Stability Hazards           Hazard Potential:         Very Low           Source:         British Geological Survey, National Geoscience Information Service                | A15SE<br>(N)                                    | 0                                  | 2       | 645056<br>265001 |
|           | Potential for Running Sand Ground Stability Hazards           Hazard Potential:         Very Low           Source:         British Geological Survey, National Geoscience Information Service                | A15SE<br>(N)                                    | 168                                | 2       | 645003<br>265001 |
|           | Potential for Running Sand Ground Stability Hazards           Hazard Potential:         Low           Source:         British Geological Survey, National Geoscience Information Service                     | A7NE<br>(SE)                                    | 184                                | 2       | 645329<br>264060 |
|           | Potential for Shrinking or Swelling Clay Ground Stability Hazards           Hazard Potential:         Low           Source:         British Geological Survey, National Geoscience Information Service       | A11NE<br>(W)                                    | 0                                  | 2       | 645003<br>264569 |
|           | Potential for Shrinking or Swelling Clay Ground Stability Hazards           Hazard Potential:         Low           Source:         British Geological Survey, National Geoscience Information Service       | A11NE<br>(NE)                                   | 0                                  | 2       | 645056<br>264569 |
|           | Potential for Shrinking or Swelling Clay Ground Stability Hazards           Hazard Potential:         Low           Source:         British Geological Survey, National Geoscience Information Service       | A15SE<br>(N)                                    | 0                                  | 2       | 645056<br>265001 |
|           | Potential for Shrinking or Swelling Clay Ground Stability Hazards           Hazard Potential:         No Hazard           Source:         British Geological Survey, National Geoscience Information Service | A11SE<br>(SE)                                   | 0                                  | 2       | 645249<br>264273 |
|           | Potential for Shrinking or Swelling Clay Ground Stability Hazards           Hazard Potential:         No Hazard           Source:         British Geological Survey, National Geoscience Information Service | A16SW<br>(NE)                                   | 7                                  | 2       | 645444<br>265215 |
|           | Potential for Shrinking or Swelling Clay Ground Stability Hazards           Hazard Potential:         Low           Source:         British Geological Survey, National Geoscience Information Service       | A15SE<br>(N)                                    | 168                                | 2       | 645003<br>265001 |
|           | Potential for Shrinking or Swelling Clay Ground Stability Hazards           Hazard Potential:         No Hazard           Source:         British Geological Survey, National Geoscience Information Service | A11NW<br>(NW)                                   | 186                                | 2       | 644873<br>264792 |
|           | Potential for Shrinking or Swelling Clay Ground Stability Hazards           Hazard Potential:         No Hazard           Source:         British Geological Survey, National Geoscience Information Service | A15NE<br>(N)                                    | 195                                | 2       | 645003<br>265318 |



| Map<br>ID |                                | Details  | Quadrant<br>Reference<br>(Compass<br>Direction) | Estimated<br>Distance<br>From Site | Contact | NGR              |
|-----------|--------------------------------|--|---|------------------------------------|---------|------------------|
|           | Potential for Shrink           | ing or Swelling Clay Ground Stability Hazards  |   |                                    |         |                  |
|           | Hazard Potential:<br>Source:   | No Hazard<br>British Geological Survey, National Geoscience Information Service  | A15SW<br>(N)                                    | 230                                | 2       | 644936<br>265001 |
|           | Radon Potential - R            | adon Protection Measures   |   |                                    |         |                  |
|           | Protection Measure:<br>Source: | No radon protective measures are necessary in the construction of new dwellings or extensions<br>British Geological Survey, National Geoscience Information Service                                | A11NE<br>(W)                                    | 0                                  | 2       | 645003<br>264569 |
|           | Radon Potential - R            | adon Protection Measures   |   |                                    |         |                  |
|           | Protection Measure:<br>Source: | No radon protective measures are necessary in the construction of new dwellings or extensions<br>British Geological Survey, National Geoscience Information Service                                | A11NE<br>(NE)                                   | 0                                  | 2       | 645056<br>264569 |
|           |                                | 6 ,,   |   |                                    |         |                  |
|           |                                | adon Protection Measures<br>No radon protective measures are necessary in the construction of new<br>dwellings or extensions<br>British Geological Survey, National Geoscience Information Service | A15SE<br>(N)                                    | 0                                  | 2       | 645056<br>265001 |
|           | Radon Potential - R            | adon Affected Areas  |   |                                    |         |                  |
|           | Affected Area:<br>Source:      | The property is in a lower probability radon area, as less than 1% of homes<br>are above the action level<br>British Geological Survey, National Geoscience Information Service                    | A11NE<br>(W)                                    | 0                                  | 2       | 645003<br>264569 |
|           | Radon Potential - R            | adon Affected Areas  |   |                                    |         |                  |
|           | Affected Area:                 | The property is in a lower probability radon area, as less than 1% of homes are above the action level   | A11NE<br>(NE)                                   | 0                                  | 2       | 645056<br>264569 |
|           | Source:                        | British Geological Survey, National Geoscience Information Service   |   |                                    |         |                  |
|           | Radon Potential - R            | adon Affected Areas  |   |                                    |         |                  |
|           | Affected Area:<br>Source:      | The property is in a lower probability radon area, as less than 1% of homes<br>are above the action level<br>British Geological Survey, National Geoscience Information Service                    | A15SE<br>(N)                                    | 0                                  | 2       | 645056<br>265001 |



## **Sensitive Land Use**

| Map<br>ID |  | Details   | Quadrant<br>Reference<br>(Compass<br>Direction) | Estimated<br>Distance<br>From Site | Contact | NGR              |
|-----------|--|---|---|------------------------------------|---------|------------------|
|           | Areas of Outstand  | ing Natural Beauty  |   |                                    |         |                  |
| 4         | Name:<br>Multiple Areas:<br>Total Area (m2):<br>Designation Date:<br>Source: | Suffolk Coast & Heaths<br>Y<br>405129557.32<br>31st March 1970<br>Natural England                         | A12NW<br>(E)                                    | 0                                  | 4       | 645360<br>264573 |
|           | Environmentally S  | ensitive Areas  |   |                                    |         |                  |
| 5         | Name:<br>Multiple Areas:<br>Total Area (m2):<br>Source:                      | Suffolk River Valleys<br>Y<br>18431673.02<br>Natural England  | A8NW<br>(SE)                                    | 473                                | 4       | 645400<br>263934 |
|           | Nitrate Vulnerable   | Zones   |   |                                    |         |                  |
| 6         | Name:<br>Description:<br>Source:   | Not Supplied<br>NVZ Area<br>Department for Environment, Food and Rural Affairs (DEFRA - formerly<br>FRCA) | A11NE<br>(NE)                                   | 0                                  | 5       | 645056<br>264569 |



| Agency & Hydrological  | Version        | Update Cycle          |
|--|----------------|-----------------------|
| Contaminated Land Register Entries and Notices                         |                |                       |
| Suffolk Coastal District Council - Environmental Health Department     | September 2011 | Annual Rolling Update |
| Discharge Consents   |                |                       |
| Environment Agency - Anglian Region                                    | April 2012     | Quarterly             |
| Enforcement and Prohibition Notices                                    |                |                       |
| Environment Agency - Anglian Region                                    | June 2012      | Quarterly             |
| Integrated Pollution Controls  |                |                       |
| Environment Agency - Anglian Region                                    | October 2008   | Not Applicable        |
| Integrated Pollution Prevention And Control                            |                |                       |
| Environment Agency - Anglian Region                                    | April 2012     | Quarterly             |
| Local Authority Integrated Pollution Prevention And Control            |                |                       |
| Suffolk Coastal District Council - Environmental Health Department     | December 2011  | Annual Rolling Update |
| Local Authority Pollution Prevention and Controls                      |                |                       |
| Suffolk Coastal District Council - Environmental Health Department     | December 2011  | Annual Rolling Update |
| Local Authority Pollution Prevention and Control Enforcements          |                |                       |
| Suffolk Coastal District Council - Environmental Health Department     | December 2011  | Annual Rolling Update |
| Nearest Surface Water Feature  |                |                       |
| Ordnance Survey  | December 2011  | Quarterly             |
| Pollution Incidents to Controlled Waters                               |                |                       |
| Environment Agency - Anglian Region                                    | September 1999 | Not Applicable        |
| Prosecutions Relating to Authorised Processes                          | h              | Marchela              |
| Environment Agency - Anglian Region                                    | June 2012      | Monthly               |
| Prosecutions Relating to Controlled Waters                             | h              | Marshitt              |
| Environment Agency - Anglian Region                                    | June 2012      | Monthly               |
| Registered Radioactive Substances                                      |                | Quartadu              |
| Environment Agency - Anglian Region                                    | April 2012     | Quarterly             |
| River Quality  | Neversher 2004 | Net Applicable        |
| Environment Agency - Head Office                                       | November 2001  | Not Applicable        |
| River Quality Biology Sampling Points Environment Agency - Head Office |                | Appuelly              |
|  | January 2011   | Annually              |
| River Quality Chemistry Sampling Points                                | January 2014   | Annually              |
| Environment Agency - Head Office                                       | January 2011   | Annually              |
| Substantiated Pollution Incident Register                              |                | Quartadu              |
| Environment Agency - Anglian Region - Eastern Area                     | April 2012     | Quarterly             |
| Water Abstractions   |                | Quartarly             |
| Environment Agency - Anglian Region                                    | April 2012     | Quarterly             |
| Water Industry Act Referrals   |                | Quartarly             |
| Environment Agency - Anglian Region                                    | April 2012     | Quarterly             |
| Groundwater Vulnerability  | January 2011   | Not Applicable        |
| Environment Agency - Head Office                                       | January 2011   | Not Applicable        |
| Drift Deposits   | lonuony 1000   | Not Appliable         |
| Environment Agency - Head Office                                       | January 1999   | Not Applicable        |
| Bedrock Aquifer Designations   | Sontombor 2011 | Appually              |
| British Geological Survey - National Geoscience Information Service    | September 2011 | Annually              |
| Superficial Aquifer Designations                                       | Contombor 2011 | Appuelly              |
| British Geological Survey - National Geoscience Information Service    | September 2011 | Annually              |
| Source Protection Zones  | A ~~:: 0040    | Querterly             |
| Environment Agency - Head Office                                       | April 2012     | Quarterly             |
| Extreme Flooding from Rivers or Sea without Defences                   | May 2010       | Our and a set of      |
| Environment Agency - Head Office                                       | May 2012       | Quarterly             |



| Agency & Hydrological  | Version       | Update Cycle          |
|--|---------------|-----------------------|
| Flooding from Rivers or Sea without Defences   |               |                       |
| Environment Agency - Head Office   | May 2012      | Quarterly             |
| Areas Benefiting from Flood Defences   |               |                       |
| Environment Agency - Head Office   | May 2012      | Quarterly             |
| Flood Water Storage Areas  |               |                       |
| Environment Agency - Head Office   | May 2012      | Quarterly             |
| Flood Defences   |               |                       |
| Environment Agency - Head Office   | May 2012      | Quarterly             |
| Waste  | Version       | Update Cycle          |
| BGS Recorded Landfill Sites  |               |                       |
| British Geological Survey - National Geoscience Information Service                                | June 1996     | Not Applicable        |
| Historical Landfill Sites  |               |                       |
| Environment Agency - Anglian Region - Eastern Area   | January 2012  | Quarterly             |
| Integrated Pollution Control Registered Waste Sites  | _             |                       |
| Environment Agency - Anglian Region  | October 2008  | Not Applicable        |
| Licensed Waste Management Facilities (Landfill Boundaries)   |               |                       |
| Environment Agency - Anglian Region - Eastern Area   | April 2012    | Quarterly             |
| Licensed Waste Management Facilities (Locations)   |               |                       |
| Environment Agency - Anglian Region - Eastern Area   | April 2012    | Quarterly             |
| Local Authority Landfill Coverage  |               |                       |
| Suffolk Coastal District Council - Environmental Health Department                                 | May 2000      | Not Applicable        |
| Suffolk County Council   | May 2000      | Not Applicable        |
| Local Authority Recorded Landfill Sites  |               |                       |
| Suffolk Coastal District Council - Environmental Health Department                                 | May 2000      | Not Applicable        |
| Suffolk County Council   | May 2000      | Not Applicable        |
| Registered Landfill Sites  |               |                       |
| Environment Agency - Anglian Region - Eastern Area   | March 2003    | Not Applicable        |
| Registered Waste Transfer Sites  |               |                       |
| Environment Agency - Anglian Region - Eastern Area   | March 2003    | Not Applicable        |
| Registered Waste Treatment or Disposal Sites   |               |                       |
| Environment Agency - Anglian Region - Eastern Area   | March 2003    | Not Applicable        |
| Hazardous Substances   | Version       | Update Cycle          |
| Control of Major Accident Hazards Sites (COMAH)  |               |                       |
| Health and Safety Executive  | May 2012      | Bi-Annually           |
| Explosive Sites  |               |                       |
| Health and Safety Executive  | June 2012     | Bi-Annually           |
| Notification of Installations Handling Hazardous Substances (NIHHS)<br>Health and Safety Executive | November 2000 | Not Applicable        |
|  |               |                       |
| Planning Hazardous Substance Enforcements Suffolk Coastal District Council                         | December 2011 | Annual Rolling Update |
| Suffolk County Council - Environment and Transport   | February 2006 | Annual Rolling Update |
| Planning Hazardous Substance Consents  |               |                       |
| Suffolk Coastal District Council   | December 2011 | Annual Rolling Update |
| Suffolk County Council - Environment and Transport   | February 2006 | Annual Rolling Update |



| Geological  | Version       | Update Cycle   |
|---|---------------|----------------|
| BGS 1:625,000 Solid Geology   |               |                |
| British Geological Survey - National Geoscience Information Service | August 1996   | Not Applicable |
| BGS Estimated Soil Chemistry  |               |                |
| British Geological Survey - National Geoscience Information Service | January 2010  | Variable       |
| BGS Recorded Mineral Sites  |               |                |
| British Geological Survey - National Geoscience Information Service | April 2012    | Bi-Annually    |
| Brine Compensation Area   |               |                |
| Cheshire Brine Subsidence Compensation Board                        | August 2011   | Not Applicable |
| Coal Mining Affected Areas  |               |                |
| The Coal Authority - Mining Report Service                          | August 2011   | As notified    |
| Mining Instability  |               |                |
| Ove Arup & Partners   | October 2000  | Not Applicable |
| Non Coal Mining Areas of Great Britain                              |               |                |
| British Geological Survey - National Geoscience Information Service | February 2011 | Not Applicable |
| Potential for Collapsible Ground Stability Hazards                  |               |                |
| British Geological Survey - National Geoscience Information Service | February 2011 | Annually       |
| Potential for Compressible Ground Stability Hazards                 |               |                |
| British Geological Survey - National Geoscience Information Service | February 2011 | Annually       |
| Potential for Ground Dissolution Stability Hazards                  |               |                |
| British Geological Survey - National Geoscience Information Service | February 2011 | Annually       |
| Potential for Landslide Ground Stability Hazards                    |               |                |
| British Geological Survey - National Geoscience Information Service | February 2011 | Annually       |
| Potential for Running Sand Ground Stability Hazards                 |               |                |
| British Geological Survey - National Geoscience Information Service | February 2011 | Annually       |
| Potential for Shrinking or Swelling Clay Ground Stability Hazards   |               |                |
| British Geological Survey - National Geoscience Information Service | February 2011 | Annually       |
| Radon Potential - Radon Affected Areas                              |               |                |
| British Geological Survey - National Geoscience Information Service | July 2011     | As notified    |
| Radon Potential - Radon Protection Measures                         |               |                |
| British Geological Survey - National Geoscience Information Service | July 2011     | As notified    |
| Industrial Land Use   | Version       | Update Cycle   |
| Contemporary Trade Directory Entries                                |               |                |
| Thomson Directories   | May 2012      | Quarterly      |
| Fuel Station Entries  |               |                |
| Catalist Ltd - Experian   | February 2012 | Quarterly      |



| Sensitive Land Use   | Version       | Update Cycle   |
|--|---------------|----------------|
| Areas of Outstanding Natural Beauty  |               |                |
| Natural England  | February 2012 | Bi-Annually    |
| Environmentally Sensitive Areas  |               |                |
| Natural England  | February 2012 | Annually       |
| Forest Parks   |               |                |
| Forestry Commission  | April 1997    | Not Applicable |
| Local Nature Reserves  |               |                |
| Natural England  | February 2012 | Bi-Annually    |
| Marine Nature Reserves   |               |                |
| Natural England  | February 2012 | Bi-Annually    |
| National Nature Reserves   |               |                |
| Natural England  | February 2012 | Bi-Annually    |
| National Parks   |               |                |
| Natural England  | February 2012 | Bi-Annually    |
| Nitrate Sensitive Areas  |               |                |
| Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) | February 2012 | Not Applicable |
| Nitrate Vulnerable Zones   |               |                |
| Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) | February 2012 | Annually       |
| Ramsar Sites   |               |                |
| Natural England  | February 2012 | Bi-Annually    |
| Sites of Special Scientific Interest                                       |               |                |
| Natural England  | February 2012 | Bi-Annually    |
| Special Areas of Conservation  |               |                |
| Natural England  | February 2012 | Bi-Annually    |
| Special Protection Areas   |               |                |
| Natural England  | February 2012 | Bi-Annually    |



A selection of organisations who provide data within this report

| Data Supplier                          | Data Supplier Logo  |
|--|---|
| Ordnance Survey                        | Licensed Partner  |
| Environment Agency                     | Environment<br>Agency   |
| Scottish Environment Protection Agency | SEEP Scottish Environment<br>Protection Agency                            |
| The Coal Authority                     | THE<br>COAL<br>AUTHORITY  |
| British Geological Survey              | British<br>Geological Survey  |
| Centre for Ecology and Hydrology       | Centre for<br>Ecology & Hydrology<br>Natural environment research council |
| Countryside Council for Wales          | CYNGOR CEFN GWLAD CYMRU<br>COUNTRYSIDE COUNCIL FOR WALES                  |
| Scottish Natural Heritage              | SCOTTISH<br>NATURAL<br>HERITAGE<br>댄스중슈                                   |
| Natural England                        | NATURAL<br>ENGLAND  |
| Health Protection Agency               | Health<br>Protection<br>Agency  |
| Ove Arup                               | ARUP  |
| Peter Brett Associates                 | peterbrett  |



## **Useful Contacts**

| Contact | Name and Address   | Contact Details   |
|---------|--|---|
| 1       | Environment Agency - National Customer Contact<br>Centre (NCCC)  | Telephone: 08708 506 506<br>Email: enquiries@environment-agency.gov.uk  |
|         | PO Box 544, Templeborough, Rotherham, S60 1BY  |   |
| 2       | British Geological Survey - Enquiry Service<br>British Geological Survey, Kingsley Dunham Centre, Keyworth,<br>Nottingham, Nottinghamshire, NG12 5GG             | Telephone: 0115 936 3143<br>Fax: 0115 936 3276<br>Email: enquiries@bgs.ac.uk<br>Website: www.bgs.ac.uk                          |
| 3       | Landmark Information Group Limited<br>5 - 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY   | Telephone: 01392 441761<br>Fax: 01392 441709<br>Email: cssupport@landmarkinfo.co.uk<br>Website: www.landmarkinfo.co.uk          |
| 4       | <b>Natural England</b><br>Northminster House, Northminster Road, Peterborough, Cambridgeshire,<br>PE1 1UA  | Telephone: 0845 600 3078<br>Fax: 01733 455103<br>Email: enquiries@naturalengland.org.uk<br>Website: www.naturalengland.org.uk   |
| 5       | Department for Environment, Food and Rural Affairs<br>(DEFRA - formerly FRCA)<br>Government Buildings, Otley Road, Lawnswood, Leeds, West Yorkshire,<br>LS16 5QT | Telephone: 0113 2613333<br>Fax: 0113 230 0879   |
| 6       | Suffolk County Council<br>St Edmund House, County Hall, Ipswich, Suffolk, IP4 1LZ  | Telephone: 01473 583000<br>Fax: 01473 230240<br>Website: www.suffolkcc.gov.uk   |
| 7       | Suffolk Coastal District Council - Environmental Health<br>Department<br>Council Offices, Melton Hill, Woodbridge, Suffolk, IP12 1AU                             | Telephone: 01394 383789 extn 2238<br>Fax: 01394 385100<br>Website: www.suffolkcoastal.gov.uk                                    |
| -       | Health Protection Agency - Radon Survey, Centre for<br>Radiation, Chemical and Environmental Hazards<br>Chilton, Didcot, Oxfordshire, OX11 0RQ                   | Telephone: 01235 822622<br>Fax: 01235 833891<br>Email: radon@hpa.org.uk<br>Website: www.hpa.org.uk                              |
| -       | Landmark Information Group Limited<br>The Smith Centre, Henley On Thames, Oxfordshire, RG9 6AB   | Telephone: 0844 844 9952<br>Fax: 0844 844 9951<br>Email: customerservices@landmarkinfo.co.uk<br>Website: www.landmarkinfo.co.uk |

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

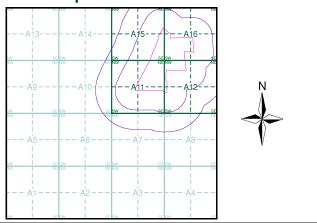
# **Historical Mapping Legends**

| Ordnance   | Survey County S                                      | Ordnance Survey Plan 1:10,000   |                           |   |   | 1:10,000 Raster Mapping   |                    |   |              |  |
|--|--|---|---------------------------|---|---|---|--------------------|---|--------------|--|
| Grave<br>Pit   | el Sand<br>Pit                                       | Management Other<br>Management Pits   | E Contraction             | ∽ Chalk Pit, Clay Pit<br>ゲ or Quarry                        |   | se Gravel Pit   |                    | Gravel Pit  |              | Refuse tip<br>or slag heap                       |
| C Quarr  | y Shingle  | ••••••<br>•••••••<br>••••••   |                           | Sand Pit  | ,<br>                                   | <ul> <li>Disused Pit</li> <li>or Quarry</li> </ul>                  |                    | Rock  |              | Rock<br>(scattered)                              |
| <u>پ</u><br><sup>*</sup> پ<br><sup>*</sup> پ<br><sup>*</sup> پ<br><sup>*</sup> پ<br><sup>*</sup> پ<br><sup>*</sup> v<br><sup>*</sup> v <sup>*</sup> v<br><sup>*</sup> v<br><sup>*</sup> v<br><sup>*</sup> v<br><sup>*</sup> v<br><sup>*</sup> v<br><sup>*</sup> v<br><sup>*</sup> v<br><sup>*</sup> v<br><sup>*</sup> v <sup>*</sup> v<br><sup>*</sup> v<br><sup>*</sup> v<br><sup>*</sup> v<br><sup>*</sup> v <sup>*</sup> v<br><sup>*</sup> v<br><sup>*</sup> v<br><sup>*</sup> v <sup>*</sup> v<br><sup>*</sup> v<br><sup>*</sup> v<br><sup>*</sup> v<br><sup>*</sup> v <sup>*</sup> v<br><sup>*</sup> v<br><sup>*</sup> v<br><sup>*</sup> v<br><sup>*</sup> v <sup>*</sup> v<br><sup>*</sup> v<br><sup>*</sup> v<br><sup>*</sup> v<br><sup>*</sup> v<br><sup>*</sup> v <sup>*</sup> v<br><sup>*</sup> v<br><sup>*</sup> v<br><sup>*</sup> v <sup>*</sup> v<br><sup>*</sup> v<br><sup>*</sup> v <sup>*</sup> v<br><sup>*</sup> v<br><sup>*</sup> v <sup>*</sup> v<br><sup>*</sup> | s  | Marsh   |                           | <ul> <li>Refuse or</li> <li>Slag Heap</li> </ul>            |   | Lake, Loch<br>or Pond   |                    | Boulders  | 0 0<br>0 0   | Boulders<br>(scattered)                          |
|  |  | 107 205 205 105<br>107 205 205<br>407   |                           | Dunes   | ° ° ° ° °                               | Boulders  |                    | Shingle   | Mud          | Mud  |
| Mixed Wood   | Deciduous  | Brushwood   | * * *                     | Coniferous<br>Trees   | 6 G C                                   | Non-Coniferous<br>Trees   | Sand               | Sand  |              | Sand Pit   |
|  |  | and a state a | ቀ ቀ                       | Orchard Ωo_   | Scrub                                   | אָז Coppice   | 1111111            | Slopes  | لللللللللل   | Top of cliff<br>Underground                      |
| Fir  | Furze  | Rough Pasture   | ਜ ਜ<br>ਜ                  | Bracken MIII  | Heath                                   | Grassland   |                    | General detail<br>- O∨erhead detail                       |              | detail<br>Narrow gauge<br>railway                |
|  | ow denotes 🔬<br>v of water                           | Trigonometrical<br>Station  | <u>ے، د</u> د             | Marsh 、、、Y///   | Reeds                                   | <u>ے بے</u> Saltings  |                    | Multi-track<br>railway                                    |              | Single track<br>railway                          |
| •  | e of Antiquities 🔹 🛧                                 | Bench Mark  |                           | Direc   | ction of Flow of                        | Water   | _•_•               | County boundary<br>(England only)<br>District, Unitary,   | •••••        | Ci∨il, parish or<br>community<br>boundary        |
| • Sig  | np, Guide Post,<br>nal Post<br>rface Level           | Well, Spring,<br>Boundary Post  |                           | Glasshouse  | AND | Sand  |                    | Metropolitan,<br>London Borough<br>boundary               |              | Constituency<br>boundary                         |
| Sketched   | Instrum<br>Contou                                    | 200   |                           | Sloping Masonry   | Pylon<br>— — 🗆 —<br>Pole                | <ul> <li>Electricity</li> <li>Transmission</li> <li>Line</li> </ul> | ۵ <sup>۵</sup> **  | - <b>J</b>  | ۵۵<br>۵۵     | Non-coniferou<br>trees                           |
| Main Roads   | Fenced Minor F                                       |   | Cutting                   | Embankn   | — — • —                                 | -   | ۵<br>۵             | Non-coniferous<br>trees (scattered)<br>Coniferous         | ** **        | Coniferous<br>trees<br>Positioned                |
|  | Un-Fenced<br>Sunken Road                             | Un-Fenced   | •••                       | ⊔/ <u>/</u> _   |   | Multiple Track  | لم<br>ب<br>چ       | trees (scattered)   | <u>A</u>     | tree   |
| and specific transfer  | Road over Railway                                    | Railway over<br>River   | Road '''<br>Under         | ∏''' Road // Lev<br>Over Cros:                              |   |   | ې چ<br>چ<br>پيټر   | Orchard   | K K          | Coppice<br>or Osiers                             |
|  | Railway over   | Level Crossing  |                           |   | + + +                                   | → Narrow Gauge  | αΠ,<br>Ω0-         | Rough<br>Grassland  |              | Heath  |
|  | Road Road over                                       | Road over   |                           | Geographical Co   | County, County                          | Borough   | 00-                | Scrub   | - <u>₩</u> 2 | Marsh or Reed                                    |
|  | River or Canal                                       | ) Stream  |                           | or County of City     Municipal Borou     Burgh or District | Igh, Urban or R                         | ural District,  | MHW(S)             | Water feature<br>Mean high                                | <<br>MLW(S)  | Flow arrows<br>Mean low                          |
| 1  | Stream<br>County Boundary (Geogra                    | aphical)  | · · · · · · · ·           | Shown only when n<br>Civil Parish                           | not coincident with                     | other boundaries  |                    | water (springs)<br>Telephone line                         |              | water (springs<br>Electricity                    |
|  | County & Civil Parish Bou                            |   | BP, BS                    | Shown alternately v<br>Boundary Post or Stone               | when coincidence<br>Pol Sta             | of boundaries occurs<br>Police Station                              | _ <b>●</b> ●_<br>← | (where shown)<br>Bench mark                               | -•• -        | transmission li<br>(with poles)<br>Triangulation |
|  | Administrative County & C<br>County Borough Boundary | _   | Ch<br>CH                  | Church<br>Club House  | PO<br>PC                                | Post Office<br>Public Convenience                                   | BM 123.45 m        | (where shown)<br>Point feature                            | Δ            | station<br>Pylon, flare st                       |
| Co. Boro. Bdy.<br>Co. Burgh Bdy.<br>Co. Burgh Bdy.<br>County Burgh Boundary (Scotland)   |  |   | F E Sta<br>FB<br>Fn<br>GP | Fire Engine Station<br>Foot Bridge<br>Fountaın              | PH<br>SB<br>Spr                         | Public House<br>Signal Box<br>Spring                                | •                  | (e.g. Guide Post<br>or Mile Stone)<br>Site of (antiquity) |              | or lighting tow<br>Glasshouse                    |
| yv.<br>RD. Bdy.  | • • • • Rural District Boundary                      |   |                           | Guide Post<br>Mile Post                                     | TCB<br>TCP                              | Telephone Call Box<br>Telephone Call Post                           |                    |   |              | Important  |
|  |  |   | MS                        | Mile Stone  | W                                       | Well  |                    | General Building  |              | Building   |

# ame Historical Mapping & Photography included:

| Mapping Type         | Scale    | Date        | Pg |
|----------------------|----------|-------------|----|
| Suffolk              | 1:10,560 | 1884        | 2  |
| Suffolk              | 1:10,560 | 1905        | 3  |
| Suffolk              | 1:10,560 | 1928        | 4  |
| Suffolk              | 1:10,560 | 1938        | 5  |
| Suffolk              | 1:10,560 | 1950        | 6  |
| Ordnance Survey Plan | 1:10,000 | 1957 - 1958 | 7  |
| Ordnance Survey Plan | 1:10,000 | 1976 - 1977 | 8  |
| Ordnance Survey Plan | 1:10,000 | 1982        | 9  |
| 10K Raster Mapping   | 1:10,000 | 2012        | 10 |

### Historical Map - Slice A



#### **Order Details**

Order Number: Customer Ref: National Grid Reference: 645060, 264570 Slice: Site Area (Ha): Search Buffer (m):

40144528\_1\_1 32623 А 29.7 500

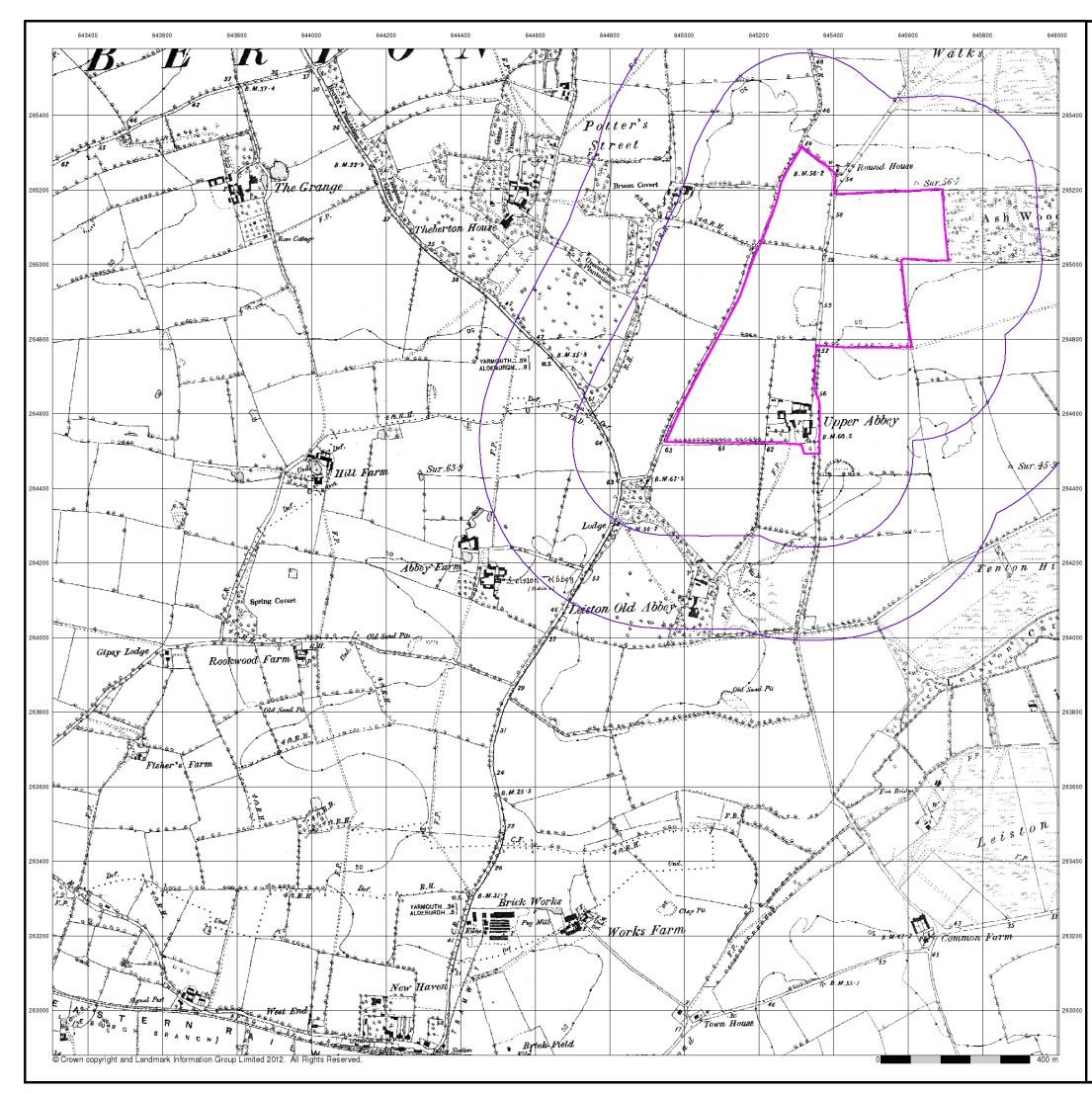
Tel: Fax: Web:

### Site Details

CS2a Upper Abbey Farm (North), Leiston, Suffolk



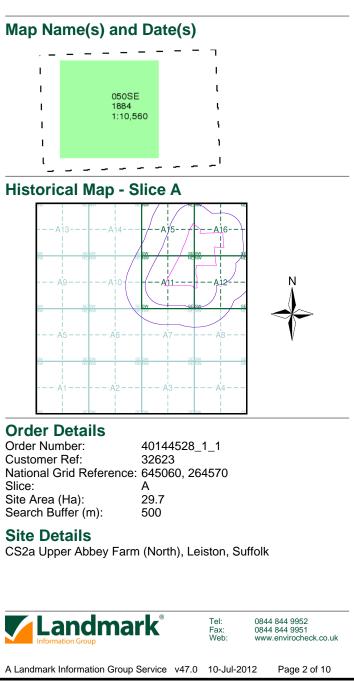
0844 844 9952 0844 844 9951 www.envirocheck.co.uk

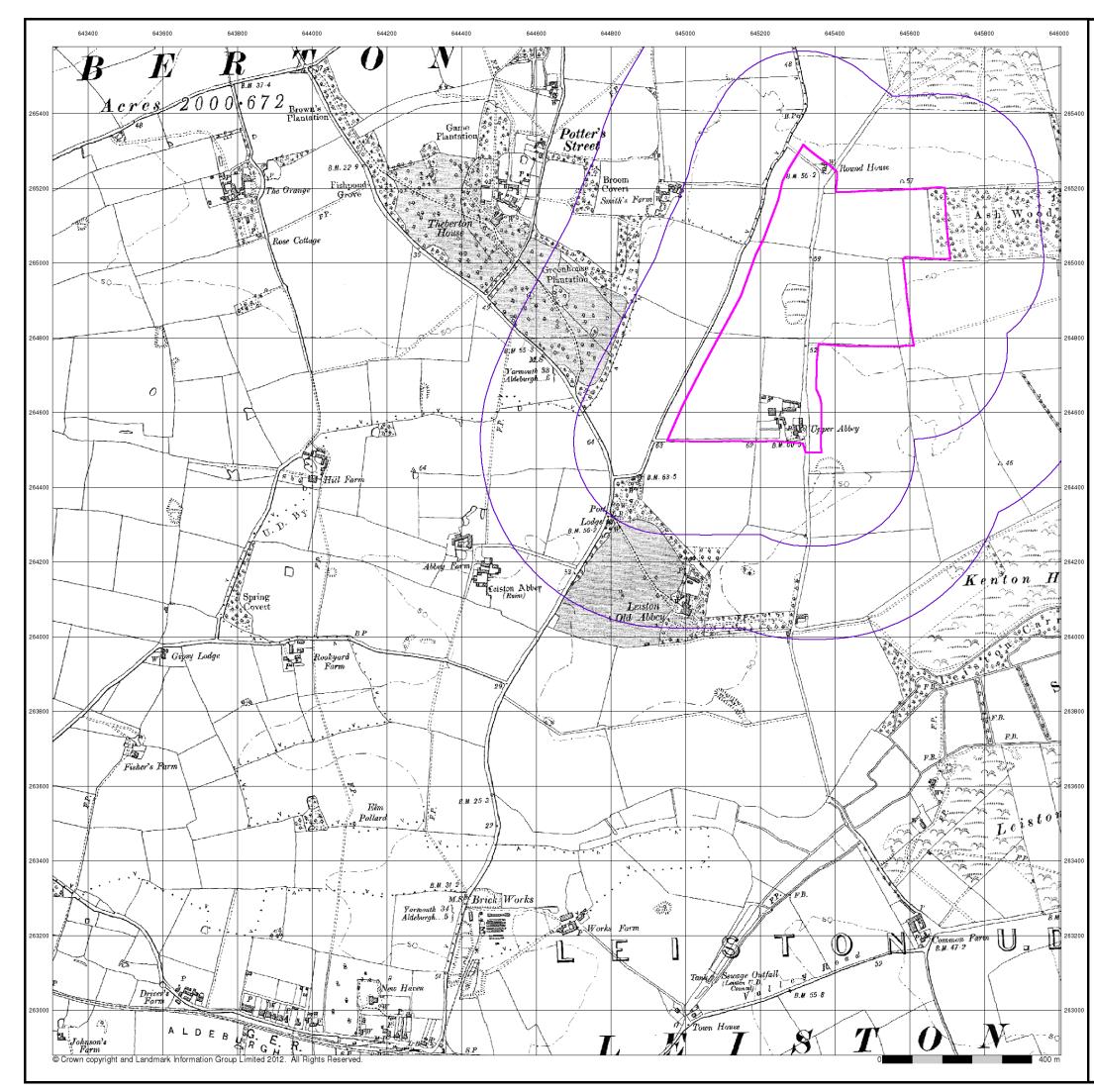




## Published 1884 Source map scale - 1:10,560

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

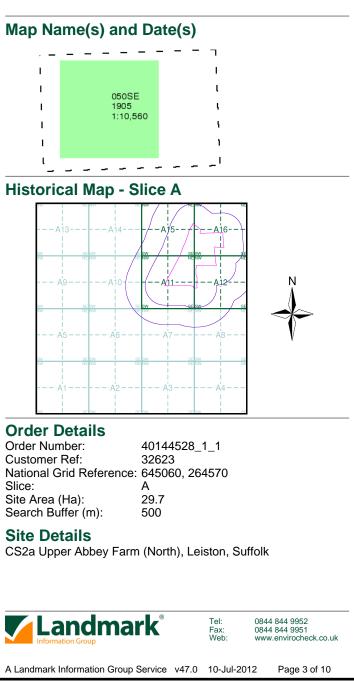


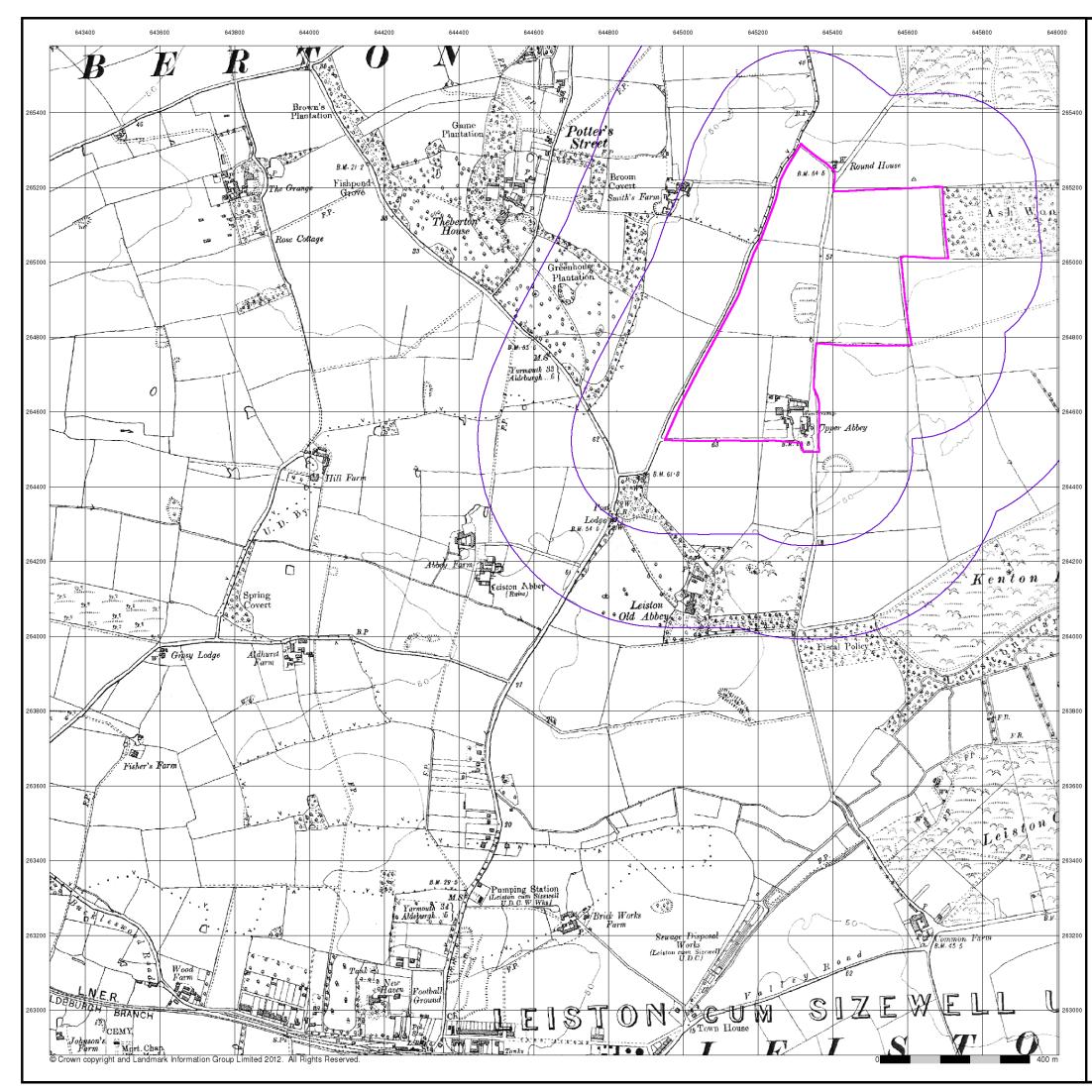




## Published 1905 Source map scale - 1:10,560

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







# Published 1928 Source map scale - 1:10,560

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

