



#### General

Necified Site

Specified Buffer(s)

X Bearing Reference Point

8 Map ID

Several of Type at Location

#### Agency and Hydrological (Boreholes)

BGS Borehole Depth 0 - 10m

BGS Borehole Depth 10 - 30m

BGS Borehole Depth 30m +

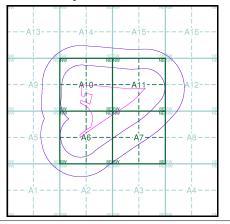
Confidential

Other

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

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

### **Borehole Map - Slice A**



#### **Order Details**

Order Number: 303045175\_1\_1
Customer Ref: DS70791
National Grid Reference: 467040, 367010

Slice:

Site Area (Ha): 23. Search Buffer (m): 500

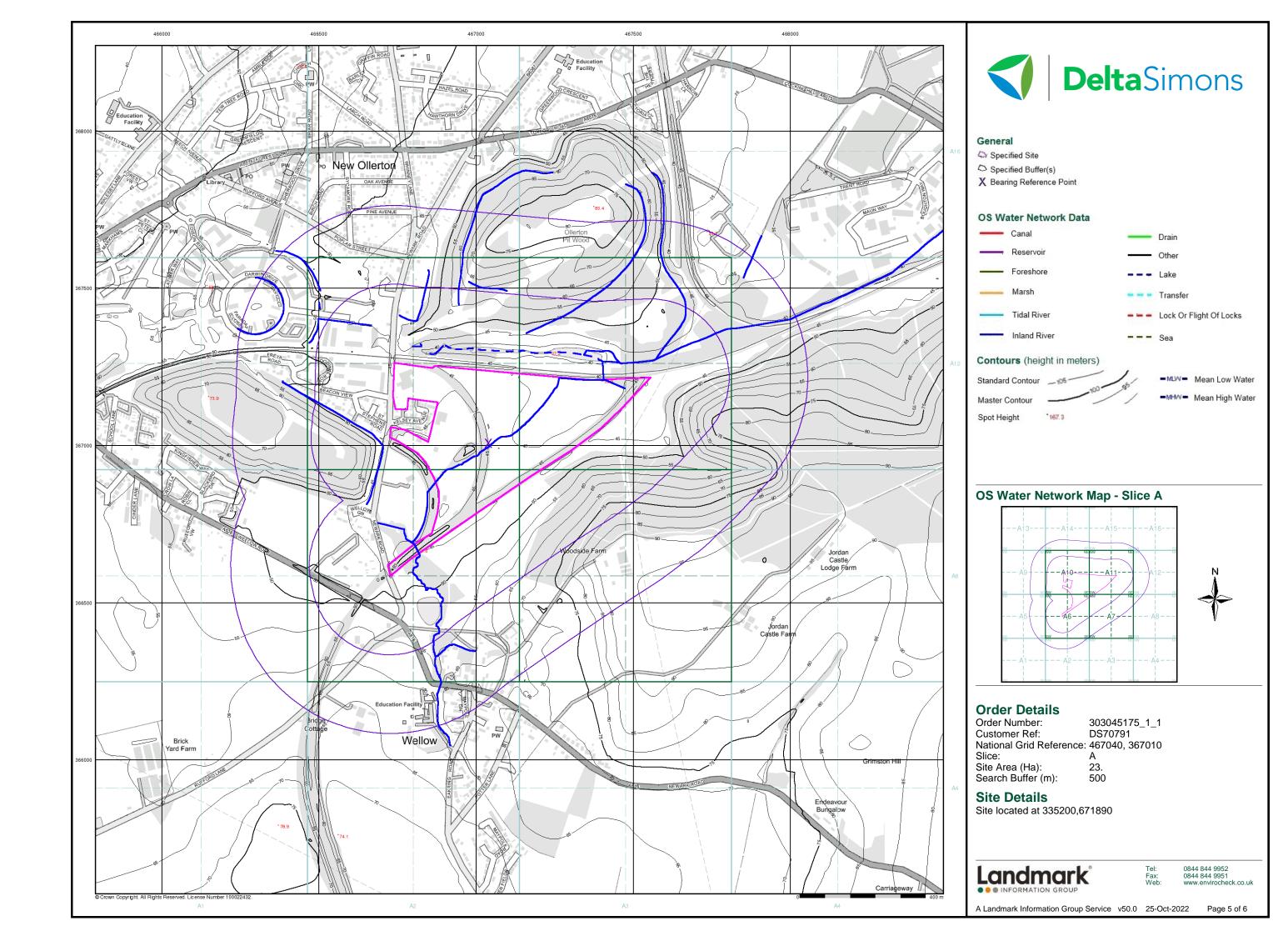
#### **Site Details**

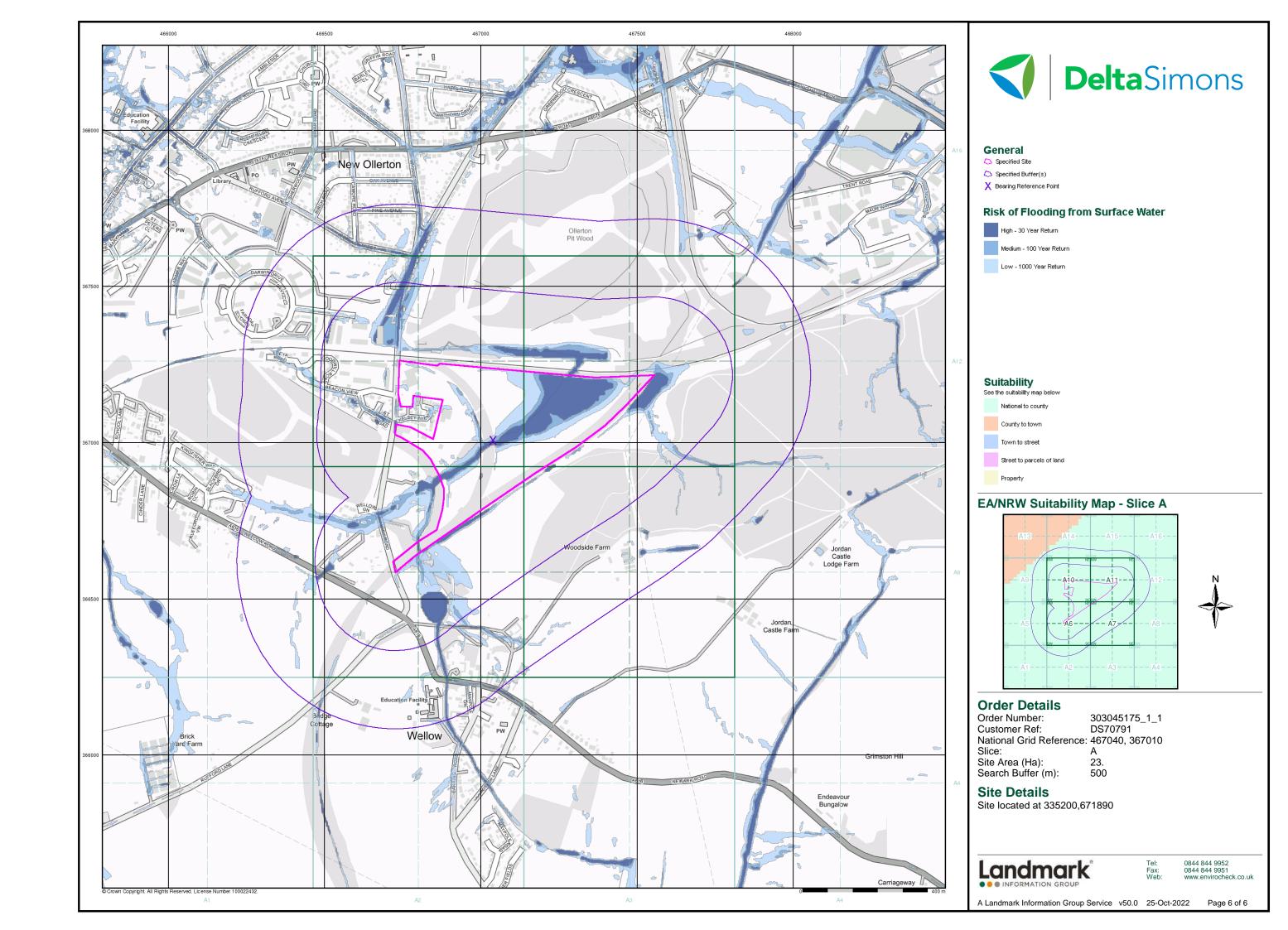
Site located at 335200,671890

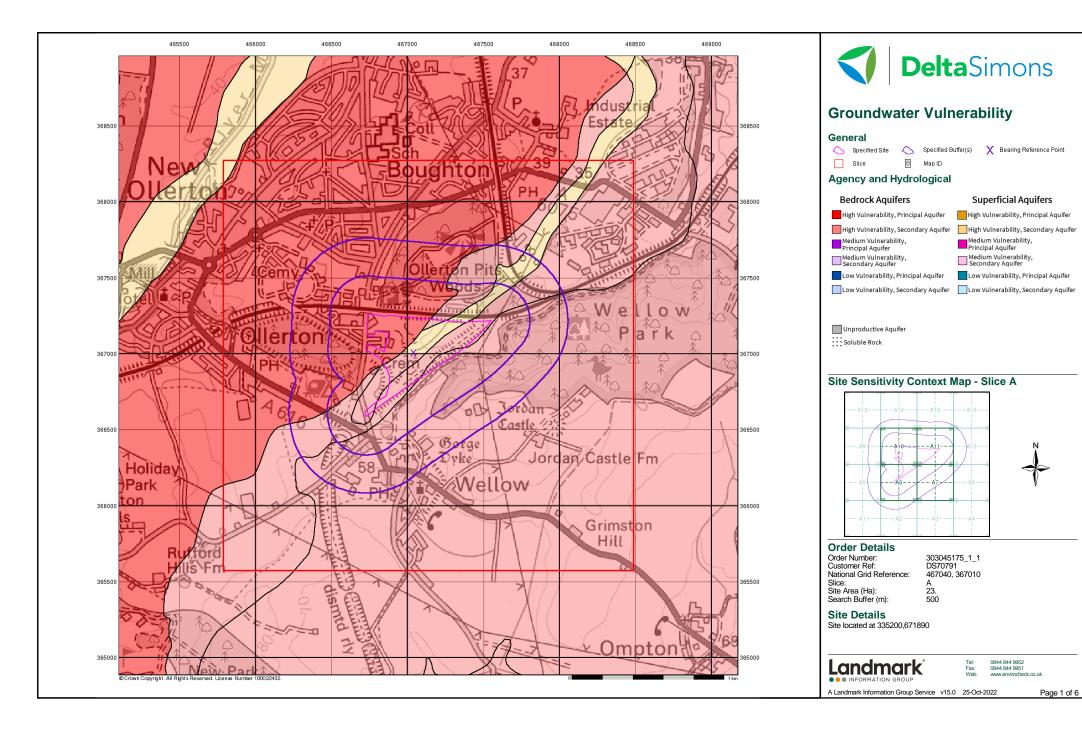
Landmark®

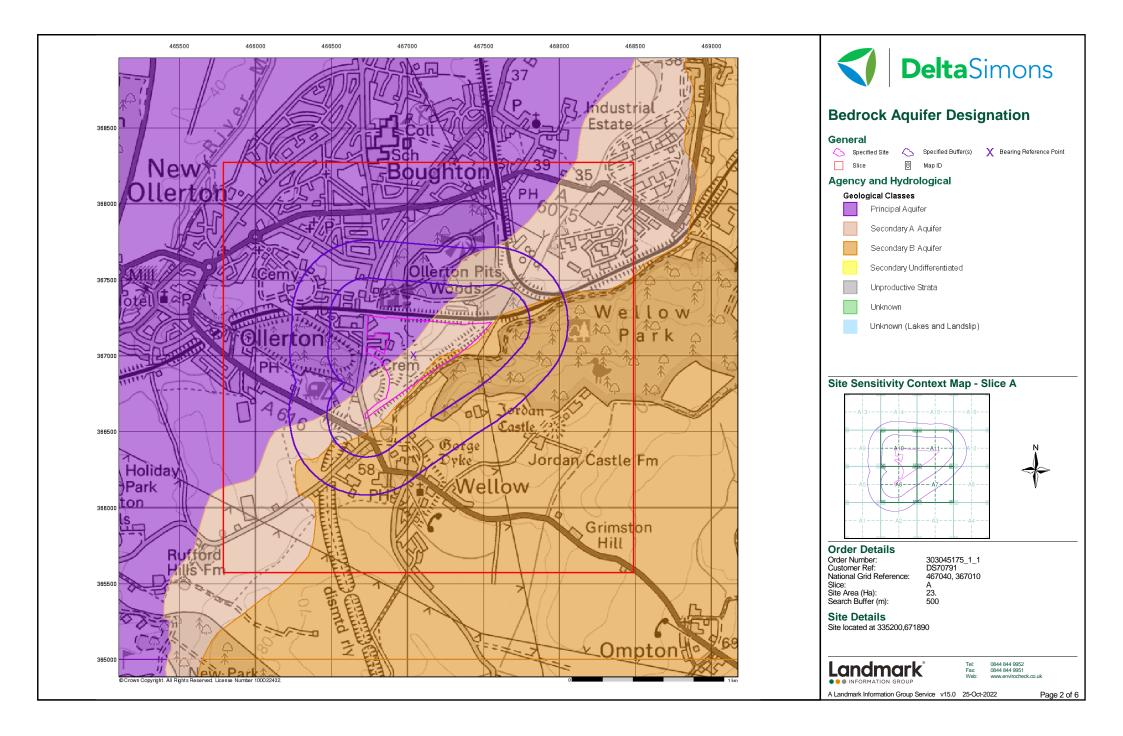
Fel: 0844 844 9952 Fax: 0844 844 9951 Web: www.envirocheck.co.uk

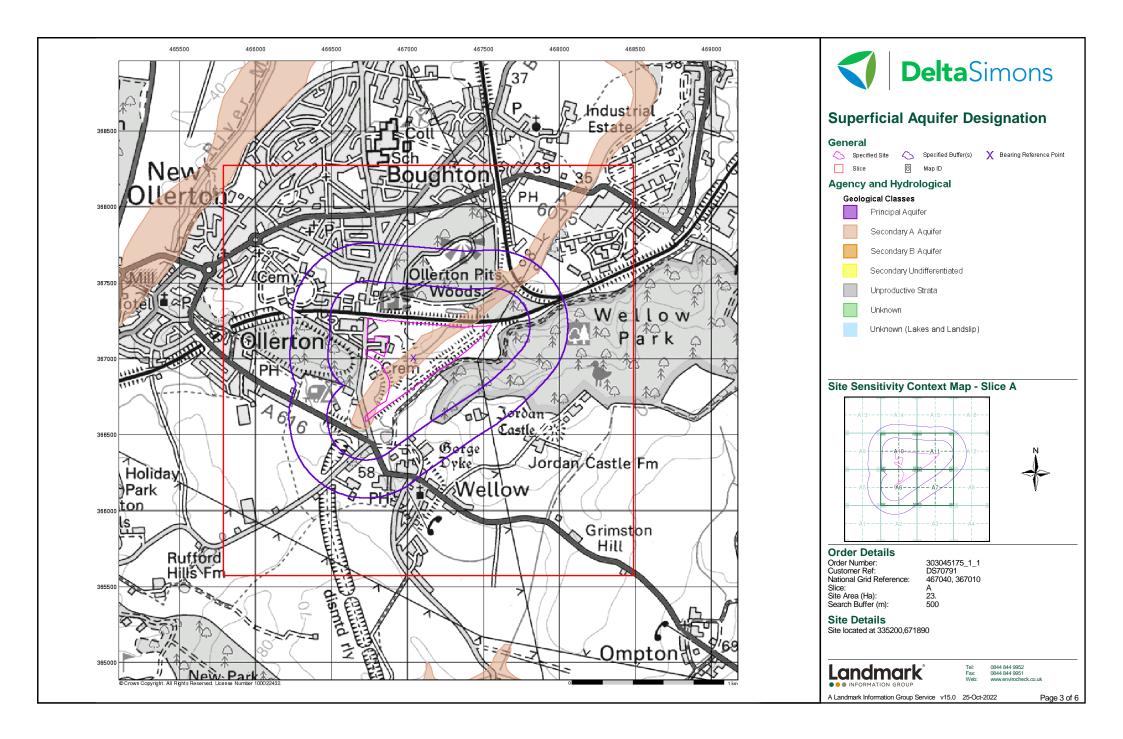
A Landmark Information Group Service v50.0 25-Oct-2022 Page 4 of 6

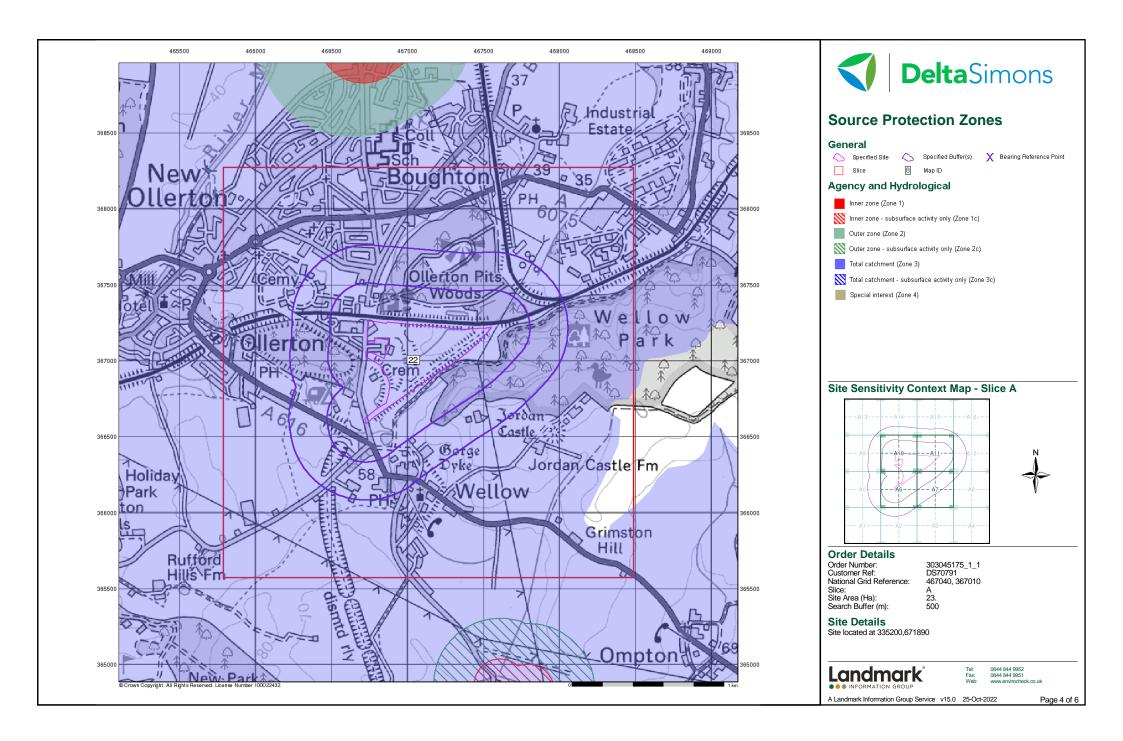


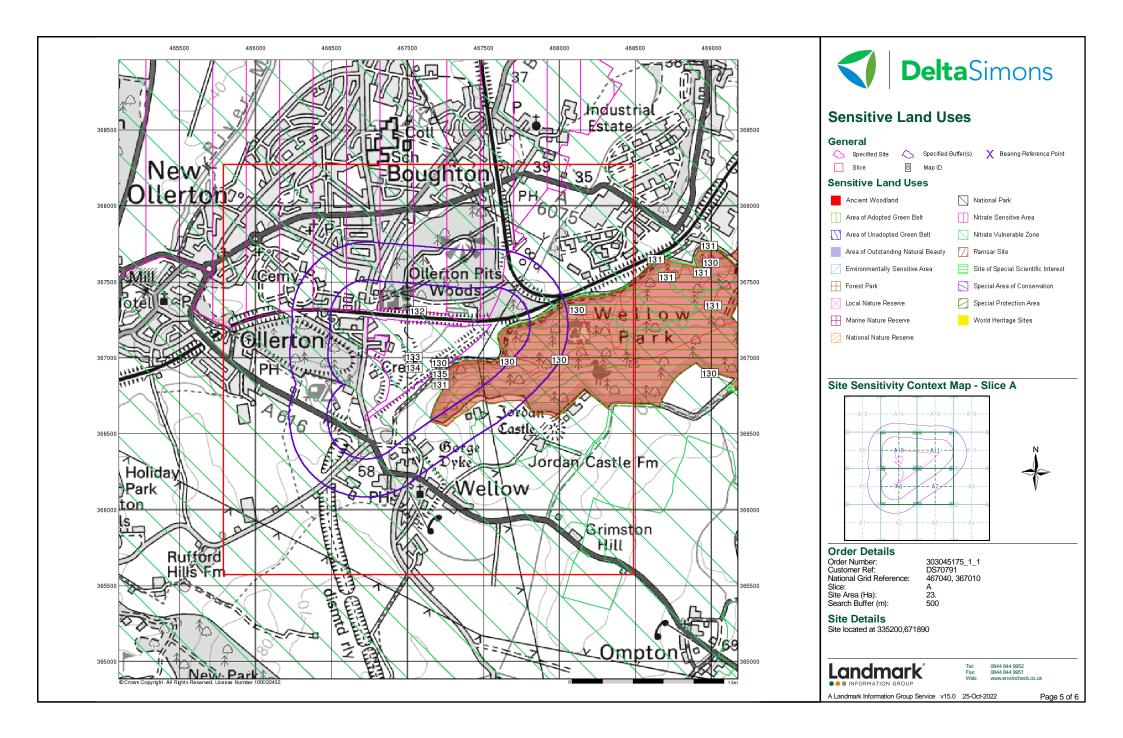


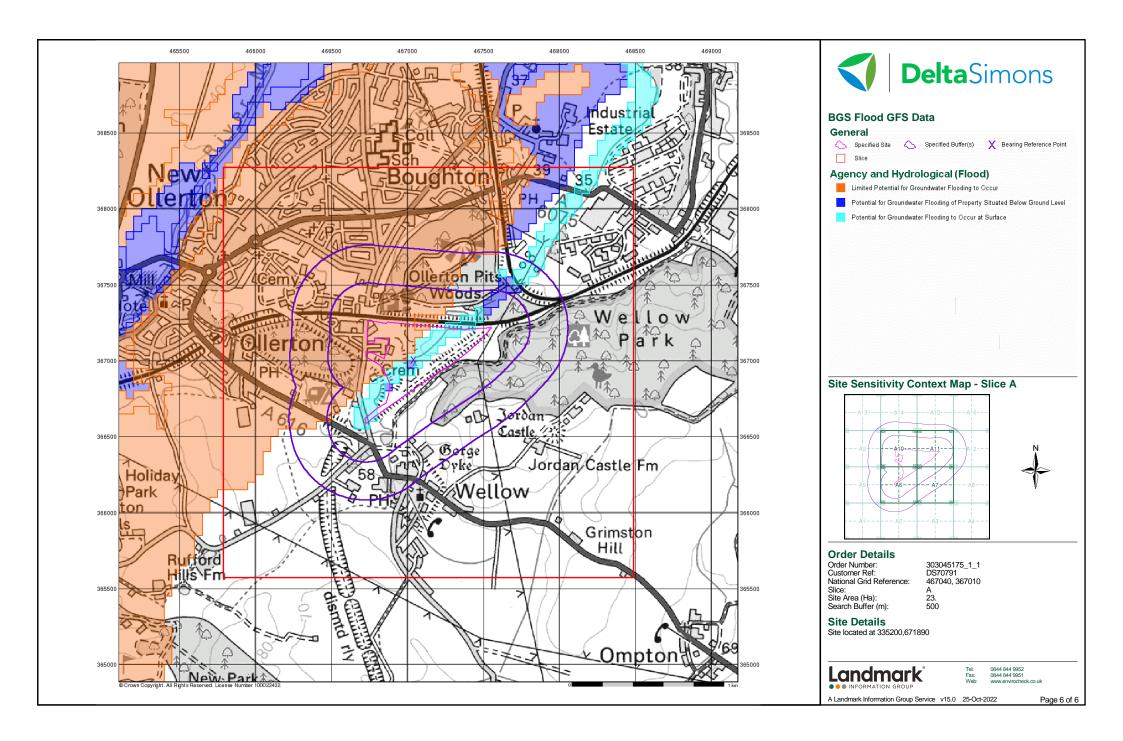














## **Envirocheck® Report:**

# Mining and Ground Stability Datasheet

#### **Order Details:**

Order Number:

303045175\_1\_1

**Customer Reference:** 

DS70791

**National Grid Reference:** 

467040, 367010

Slice:

Α

Site Area (Ha):

23

Search Buffer (m):

500

**Site Details:** 

Site located at 335200,671890

#### **Client Details:**

Ms M Booth Delta Simons Suite 4A One Portland Street Manchester M1 3BE







Report Section and Details	Page Number
Summary	-

The Summary section provides an overview of the data contained within the report, detailing the number of data set features or the existence of a data set in relation to the buffer selected.

For ease of reference, the report is broken down into 4 sections of data; Mining and Natural Cavities Data, Historical Land Use Information (1:2,500), Historical Land Use Information (1:10,000) and Ground Stability Data (1:50,000).

#### Mining and Natural Cavities Data

1

The Mining and Natural Cavities Data section features data sets related to the existence of mining areas and their potential hazards; and details of naturally formed cavities.

Data sets within this section are not plotted, with the exception of BGS Recorded Mineral Sites and Potential Mining Areas which feature on the Historical Land Use Information (1:10,000) map.

#### Historical Land Use Information (1:2,500)

2

The Historical Land Use Information (1:2,500) section contains data captured from analysis carried out by Landmark of 1:1,250 and 1:2,500 scale historical Ordnance Survey mapping, identifying areas where, historically, the land uses were potentially contaminative.

For the purpose of this Envirocheck module, only historical data relating to mining and ground stability has been included and plotted on the corresponding Historical Land Use Information (1:2,500) map. This section also includes the Subterranean Features data set, which details various man-made and man-used underground spaces obtained from the Subterranea Britannica society.

#### **Historical Land Use Information (1:10,000)**

3

The Historical Land Use (1:10,000) section covers data captured from the systematic analysis carried out by Landmark of 1:10, 560 and 1:10,000 scale historical Ordnance Survey mapping dating back to the mid-19th century, identifying potentially contaminative past industrial land uses.

For the purpose of this Envirocheck module, only data relating to mining and ground stability has been included and plotted on the accompanying Historical Land Use Information (1:10,000) map.

#### **Ground Stability Data (1:50,000)**

5

The Ground Stability (1:50,000) section includes the BGS Geosure data suite, reporting features to 250m and plotted onto 3 separate maps. Also reported is brine subsidence, brine mining and salt mining data sets, of which Brine Pumping and Salt Mining Related Features are plotted, and subsidence insurance claims and insurance investigations data, which is not plotted.

#### Historical Map List 6

The Historical Map List section details the historical mapping that has been analysed for your site, in relation to the Historical Land Use Information sections.

Data Currency	8
Data Suppliers	9
Useful Contacts	10

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The brine subsidence data relating to the Driotwich area as provided in this report is derived from JPB studies and physical monitoring undertaken annually over more than 35 years. For more detailed interpretation contact enquiries@jpb.co.uk. JPB retain the copyright and intellectual rights to this data and accept no liability for any loss or damage, including in direct or consequential loss, arising from the use of this data.

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Data Type	Page Number	On Site	0 to 250m	251 to 500m
Mining and Natural Cavities Data				
BGS Recorded Mineral Sites	pg 1			1
Coal Mining Affected Areas	pg 1	Yes	n/a	n/a
Man Made Mining Cavities				
Mining Instability	pg 1	Yes	n/a	n/a
Natural Cavities				
Non Coal Mining Areas of Great Britain				n/a
Potential Mining Areas				
Historical Land Use Information (1:2,500)				
Extractive Industries or Potential Excavations from 1855-1909 (100m)				n/a
Extractive Industries or Potential Excavations from 1893-1915 (100m)	pg 2	1		n/a
Extractive Industries or Potential Excavations from 1906-1937 (100m)	pg 2	1		n/a
Extractive Industries or Potential Excavations from 1924-1949 (100m)	pg 2		2	n/a
Extractive Industries or Potential Excavations from 1950-1980 (100m)	pg 2	1	5	n/a
Subterranean Features (100m)				n/a
Historical Land Use Information (1:10,000)				
Air Shafts				
Disturbed Ground				
General Quarrying				
Heap, unknown constituents	pg 3		2	
Mineral Railway	pg 3	6	3	1
Mining & quarrying general				
Mining of coal & lignite	pg 3		2	
Quarrying of sand & clay, operation of sand & gravel pits				
Former Marshes				
Potentially Infilled Land (Non-Water)	pg 3		1	
Potentially Infilled Land (Water)	pg 3		4	4
Ground Stability Data (1:50,000)				
CBSCB Compensation District			n/a	n/a
Brine Pumping Related Features				
Brine Subsidence Solution Area				
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	pg 5	Yes		n/a
Potential for Landslide Ground Stability Hazards	pg 5	Yes	Yes	n/a
Potential for Running Sand Ground Stability Hazards	pg 5	Yes		n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 5	Yes		n/a
Salt Mining Related Features				





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## **Mining and Natural Cavities Data**

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Recorded Mine	eral Sites				
1	Site Name: Location: Source: Reference: Type: Status: Operator: Operator Location: Periodic Type: Geology: Commodity: Positional Accuracy:	cation: New Ollerton, Mansfield, Nottinghamshire urce: British Geological Survey, National Geoscience Information Service ference: 229930  pe: Underground atus: Ceased rerator: Rjb Mining (Uk) Ltd. Perator Location: Not Supplied riodic Type: Carboniferous pology: Pennine Coal Measures Group		454	1	466326 367449
	Coal Mining Affecte	d Areas				
	Description:	In an area which may be affected by coal mining activity. It is recommended that a coal mining report is obtained from the Coal Authority. Contact details are included in the Useful Contacts section of this report.	A10SE (S)	0	2	467040 367007
	Mining Instability					
	Mining Evidence: Source: Boundary Quality:	Inconclusive Coal Mining Ove Arup & Partners As Supplied	A10SE (S)	0	3	467040 367007
	Non Coal Mining Ar No Hazard	eas of Great Britain				



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	Extractive Industries or Potential Excavations from 1893-1915 Use: Railway Embankment First Map Published 1899 Date: Not Applicable Date:	A10SE (N)	0	-	467053 367236
3	Extractive Industries or Potential Excavations from 1906-1937  Use: Railway Embankment First Map Published 1920 Date: Not Applicable Date:	A10SE (N)	0	-	467059 367233
4	Extractive Industries or Potential Excavations from 1924-1949  Use: Ollerton Colliery First Map Published 1938  Date: Not Applicable  Date:	A10NW (NW)	29	-	466722 367286
5	Extractive Industries or Potential Excavations from 1924-1949  Use: Brick Works First Map Published 1938  Date: Last Map Published Not Applicable Date:	A11NW (NE)	68	-	467333 367280
6	Extractive Industries or Potential Excavations from 1950-1980  Use: Railway Embankment First Map Published 1960  Date: Not Applicable  Date:	A10SE (S)	0	-	467040 367007
7	Extractive Industries or Potential Excavations from 1950-1980  Use: Mine First Map Published 1960 Date: Not Applicable Date:	A10SE (N)	20	-	467070 367255
8	Extractive Industries or Potential Excavations from 1950-1980 Use: Unspecified Pit First Map Published 1960 Date: 1960 Date: N/A Date: 1960	A11SW (NE)	21	-	467319 367235
9	Extractive Industries or Potential Excavations from 1950-1980  Use: Unspecified Deposited Material  First Map Published 1960  Date: Not Applicable  Date:	A10NE (N)	67	-	466964 367392
10	Extractive Industries or Potential Excavations from 1950-1980 Use: Railway Embankment First Map Published 1960 Date: Last Map Published Not Applicable Date:	A11NW (NE)	86	-	467319 367454
11	Extractive Industries or Potential Excavations from 1950-1980  Use: Unspecified Deposited Material First Map Published 1960  Date: Last Map Published Not Applicable Date:	A10NE (N)	96	-	467080 367330

Order Number: 303045175\_1\_1 rpr\_ec\_datasheet v53.0 A Landmark Information Group Service Date: 25-Oct-2022



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
12	Heap, unknown constituents Use: Not Supplied Date of Mapping: 1989	A10SW (W)	18	-	466712 367014
13	Heap, unknown constituents Use: Not Supplied Date of Mapping: 1955 - 1989	A10NE (N)	41	-	467072 367281
14	Mineral Railway Use: Not Supplied Date of Mapping: 1955 - 1989	A10SE (NW)	0	-	467012 367053
15	Mineral Railway Use: Not Supplied Date of Mapping: 1955	A11SW (E)	0	-	467386 367058
16	Mineral RailwayUse:Not SuppliedDate of Mapping:1955	A6NE (SE)	0	-	467118 366886
17	Mineral Railway Use: Not Supplied Date of Mapping: 1955	A10SE (W)	0	-	467019 367005
18	Mineral Railway Use: Not Supplied Date of Mapping: 1955	A6NE (SW)	0	-	466848 366893
19	Mineral RailwayUse:Not SuppliedDate of Mapping:1989	A10SE (W)	0	-	467024 367006
20	Mineral Railway Use: Not Supplied Date of Mapping: 1955 - 1989	A11SW (NE)	40	-	467317 367252
21	Mineral Railway Use: Not Supplied Date of Mapping: 1955	A10NE (N)	56	-	466950 367377
22	Mineral Railway Use: Not Supplied Date of Mapping: 1955 - 1989	A10SW (W)	85	-	466642 367048
23	Mineral Railway Use: Not Supplied Date of Mapping: 1989	A11NE (NE)	307	-	467710 367502
24	Mining of coal & lignite Use: Not Supplied Date of Mapping: 1989	A10SW (W)	14	-	466712 367036
25	Mining of coal & lignite Use: Not Supplied Date of Mapping: 1955 - 1989	A10SE (N)	21	-	467060 367258
26	Potentially Infilled Land (Non-Water)  Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A11NW (NE)	45	-	467173 367323
27	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A11SW (NE)	52	-	467406 367261
28	Potentially Infilled Land (Water)  Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A11NE (NE)	117	-	467612 367318
29	Potentially Infilled Land (Water)  Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A6SW (SW)	152	-	466717 366433
30	Potentially Infilled Land (Water)  Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A11NE (NE)	211	-	467649 367412
31	Potentially Infilled Land (Water)  Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)  Date of Mapping: 1955	A12NW (NE)	391	-	467830 367493
32	Potentially Infilled Land (Water)  Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)  Date of Mapping: 1955	A5SE (SW)	392	-	466340 366523

Order Number: 303045175\_1\_1 rpr\_ec\_datasheet v53.0 A Landmark Information Group Service Date: 25-Oct-2022



# DeltaSimons Historical Land Use Information (1:10,000)

Map ID		Details		Estimated Distance From Site	Contact	NGR
	Potentially Infilled Land (Water)					
33	Use: Date of Mapping:	Unknown Filled Ground (Pond, marsh, river, stream, dock etc) 1955	A5SE (SW)	399	-	466382 366384
	Potentially Infilled Land (Water)					
34	Use: Date of Mapping:	Unknown Filled Ground (Pond, marsh, river, stream, dock etc) 1955	A7SW (S)	435	-	467214 366403

Order Number: 303045175\_1\_1 rpr\_ec\_datasheet v53.0 A Landmark Information Group Service Date: 25-Oct-2022 Page 4 of 10



## **Ground Stability Data (1:50,000)**

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	CBSCB Compensation District				
	The site does not fall within the brine compensation area.				
	Brine Subsidence Solution Area				
	The site does not fall within the brine subsidence solution area.  Potential for Collapsible Ground Stability Hazards				
35	Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A10SE (NW)	0	1	467003 367046
	Potential for Collapsible Ground Stability Hazards				
	Hazard Potential: Source: No Hazard British Geological Survey, National Geoscience Information Service	A10SE (S)	0	1	467040 367007
36	Potential for Compressible Ground Stability Hazards  Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A10SE (S)	0	1	467040 367007
	Potential for Compressible Ground Stability Hazards  Hazard Potential: No Hazard  Source: British Geological Survey, National Geoscience Information Service	A10SE (NW)	0	1	467003 367046
	Potential for Ground Dissolution Stability Hazards  Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10SE (S)	0	1	467040 367007
37	Potential for Landslide Ground Stability Hazards  Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A11SW (E)	0	1	467245 367007
38	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A6NE (SW)	0	1	466911 366863
39	Potential for Landslide Ground Stability Hazards  Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A10SE (S)	0	1	467034 366977
40	Potential for Landslide Ground Stability Hazards  Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A10SE (S)	0	1	467040 367007
41	Potential for Landslide Ground Stability Hazards  Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A11NW (NE)	89	1	467241 367324
42	Potential for Landslide Ground Stability Hazards  Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A6SW (SW)	95	1	466643 366539
43	Potential for Running Sand Ground Stability Hazards  Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A10SE (S)	0	1	467040 367007
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Source: No Hazard British Geological Survey, National Geoscience Information Service	A10SE (SE)	0	1	467084 366965
	Potential for Running Sand Ground Stability Hazards  Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10SE (N)	0	1	467094 367151
44	Potential for Shrinking or Swelling Clay Ground Stability Hazards  Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A10SE (S)	0	1	467040 367007
	Potential for Shrinking or Swelling Clay Ground Stability Hazards  Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10SE (NW)	0	1	467003 367046
	Potential for Shrinking or Swelling Clay Ground Stability Hazards  Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A7NW (SE)	0	1	467138 366919



## **Historical Map List**

### The following mapping has been analysed for Historical Land Use Information (1:2,500):

1:2,500	Mapsheet	Published Date
Nottinghamshire	019_14	1885
Nottinghamshire	019_14	1885
Nottinghamshire	024_02	1885
Nottinghamshire	019_14	1899
Nottinghamshire	019_14	1899
Nottinghamshire	024_02	1900
Nottinghamshire	024_02	1919
Nottinghamshire	019_14	1920
Nottinghamshire	019_14	1920
Nottinghamshire	019_14	1938
Nottinghamshire	019_14	1938
Ordnance Survey Plan	SK6666	1960
Ordnance Survey Plan	SK6666	1960
Ordnance Survey Plan	SK6667	1960
Ordnance Survey Plan	SK6766	1960
Ordnance Survey Plan	SK6766	1960
Ordnance Survey Plan	SK6766	1960
Ordnance Survey Plan	SK6766	1960
Ordnance Survey Plan	SK6767	1960
Ordnance Survey Plan	SK6767	1960



## **Historical Map List**

#### The following mapping has been analysed for Historical Land Use Information (1:10,000):

1:10,560	Mapsheet	Published Date
Nottinghamshire	019_SE	1887
Nottinghamshire	019_SW	1887
Nottinghamshire	024_NE	1887
Nottinghamshire	024_NW	1890
Nottinghamshire	019_SE	1900
Nottinghamshire	019_SW	1900
Nottinghamshire	024_NE	1900
Nottinghamshire	024_NW	1900
Nottinghamshire	024_NE	1920
Nottinghamshire	024_NW	1920
Nottinghamshire	019_SE	1921
Nottinghamshire	019_SW	1921
Ordnance Survey Plan	SK66NE	1955
1:10,000	Mapsheet	Published Date
Ordnance Survey Plan	SK66NE	1989



## **Data Currency**

on Update Cycle
2 Bi-Annually
14 Annual Rolling Update
2021 Bi-Annually
Not Applicable
2021 Bi-Annually
5 Not Applicable
on Update Cycle
22 Bi-Annually
on Update Cycle
011
2020 As notified
20 As notified
O19 As notified
O19 As notified
O19 As notified
O19 As notified O19 As notified
019



## **Data Suppliers**

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	Map data
British Geological Survey	British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL
The Coal Authority	The Coal Authority
Ove Arup	ARUP
Stantec UK Ltd	<b>Stantec</b>
Wardell Armstrong	wardell armstrong your earth our world
Johnson Poole & Bloomer	JPB



## **Useful Contacts**

Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service  British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	The Coal Authority - Property Searches 200 Lichfield Lane, Mansfield, Nottinghamshire, NG18 4RG	Telephone: 0345 762 6848 Fax: 01623 637 338 Email: groundstability@coal.gov.uk Website: www2.groundstability.com
3	Ove Arup & Partners  Central Square, Forth Street, Newcastle upon Tyne, Tyne and Wear, NE1 3PL	Telephone: 0191 261 6080 Fax: 0191 261 7879
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

