



1:50 000 scale geology

Superficial deposits

- ALLUVIUM - CLAY, SILT, SAND AND GRAVEL
- HEAD - GRAVEL, CLAYEY
- HEAD - CLAY, SILT, SAND AND GRAVEL
- RAISED STORM BEACH DEPOSITS, 2 - GRAVEL
- RIVER TERRACE DEPOSITS
- (UNDIFFERENTIATED) - SAND, SILT AND CLAY
- CLAY-WITH-FLINTS FORMATION - CLAY, SILT, SAND AND GRAVEL



Consulting Engineers Ltd

☒ Issued by

☐

Offices 8 & 9
Aldershot Enterprise Centre
Mandara House
Louise Margaret Road
Aldershot, Hampshire
GU11 2PW
01252 939000

Office 17, Wealden Place
Bradbourne Vale Road
Sevenoaks, Kent
TN13 3QD
01732 448120

Job Title

Land South of Barton's Road, Havant

Scale

NTS @ A3

Date

Nov 15

Designed

n/a

Drawing Title

BGS data - Superficial

Drawn

EV

Checked

GG

Approved

GC

Client

Chidden Farms

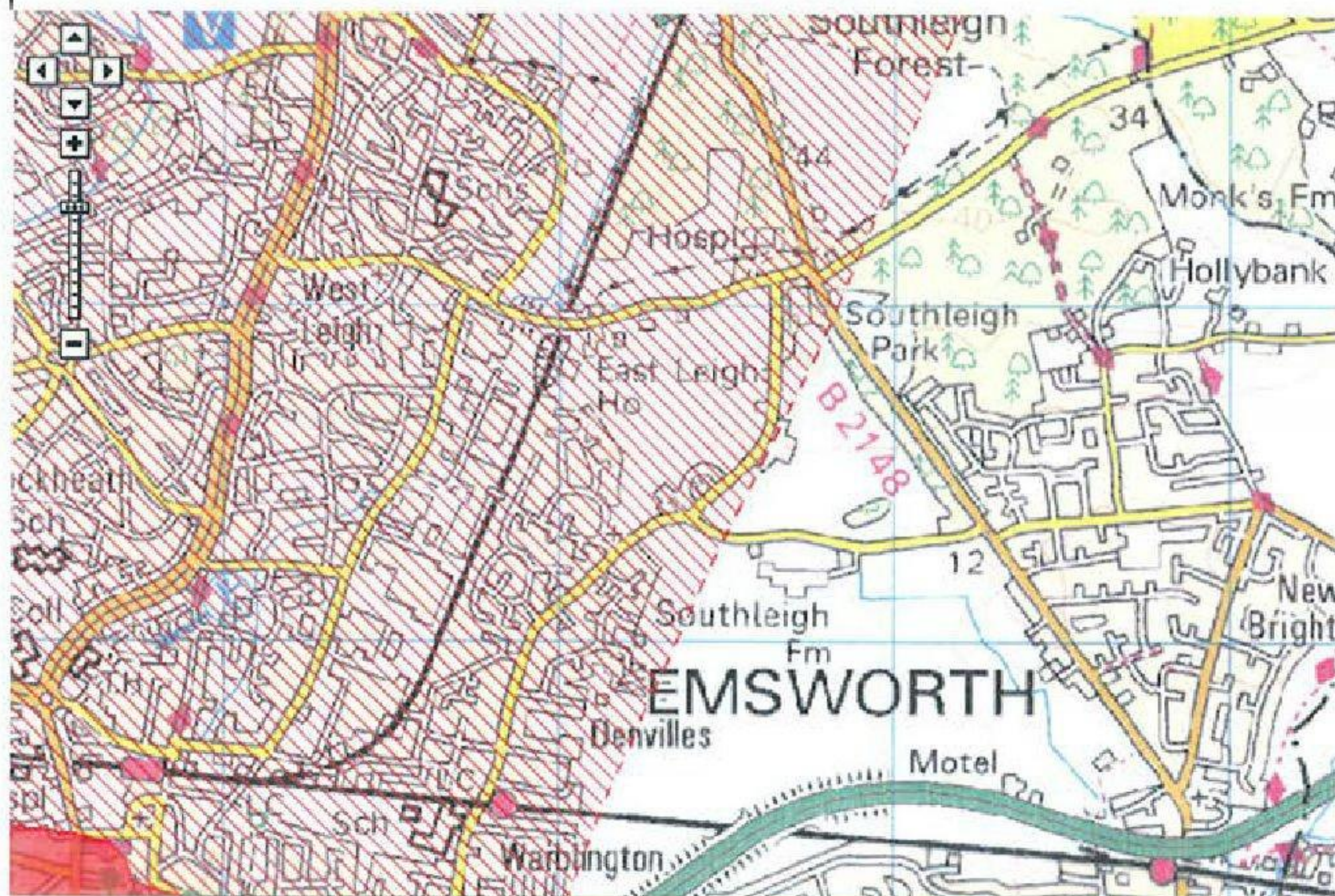
Job No

14-018

Figure No

FIGURE 7

Rev



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

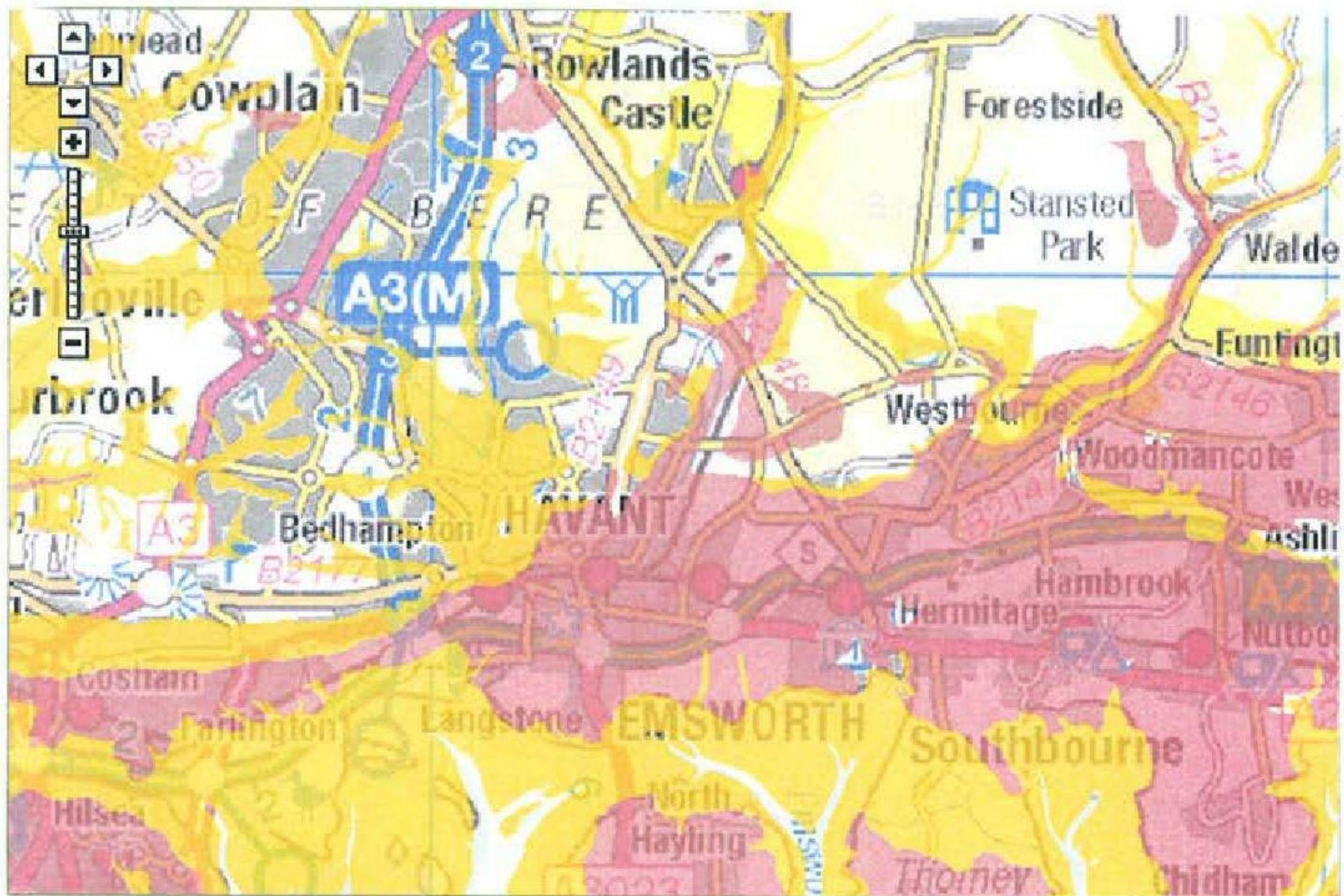
Rev	Amendments	Drn	Chk	App	Date
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Office 8 & 9
Admiral Enterprise Centre
Maritime Street
Embar Margaret Road
Admiralty, Singapore
051 231 2310

Office 17, Welles Place
225 Bouverie Road
Maritime, West
051 231 2310

Job Title Land South of Bartons Road, Havant	Scale NTS	Date Nov 15	Designed n/a
Drawing Title Groundwater Source Protection Zones	Drawn EV	Checked GC	Approved GC
Client Chidden Farm	Job No. 14-018	Figure No. FIGURE 8	Rev



☒ BGS Aquifer Maps -
Superficial Deposits
Designation

- Principal
- Secondary A
- Secondary B
- Secondary
(undifferentiated)
- Unknown (lakes and
landslip)

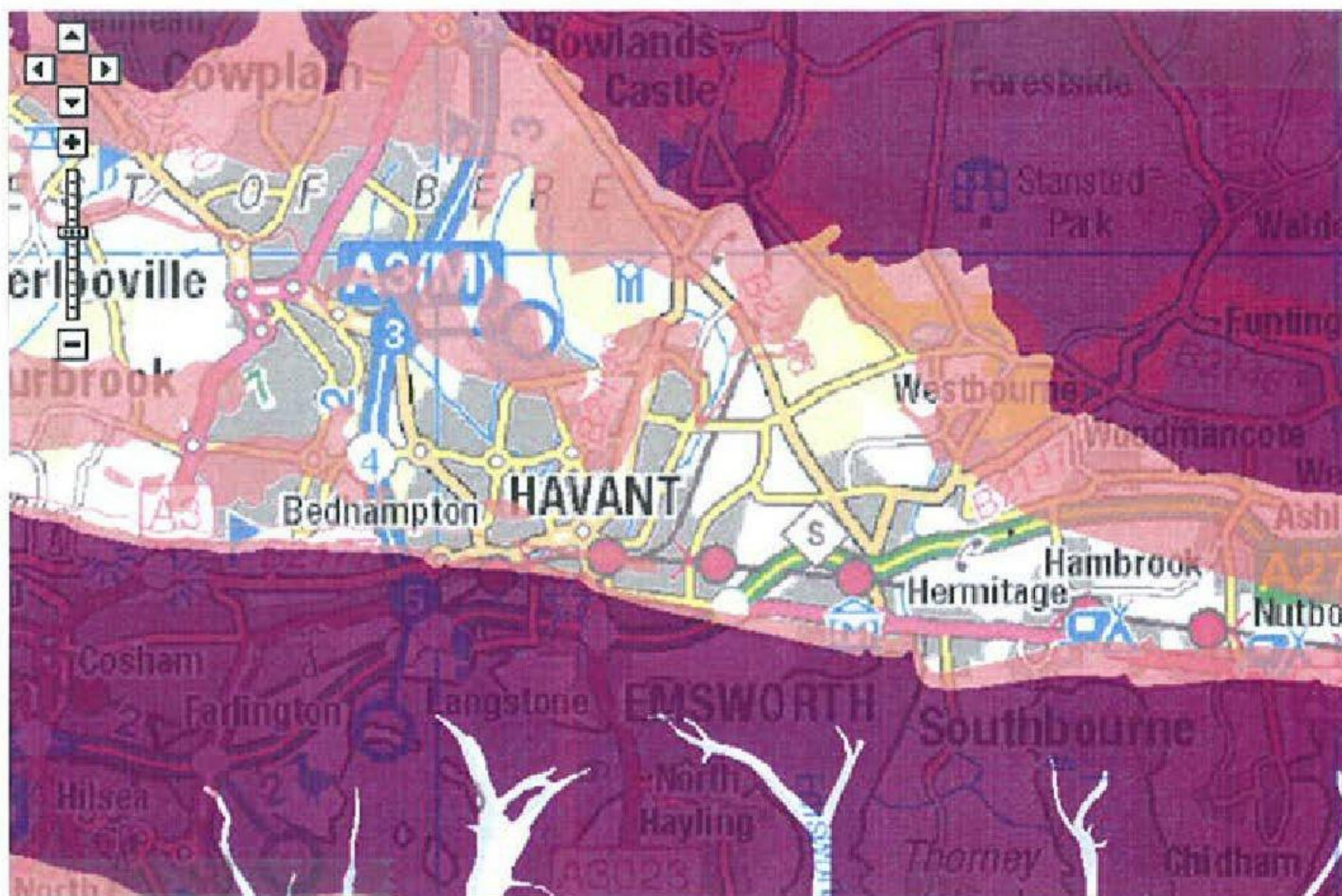
Rev	Amendments	Drn	Chk	App	Date

CEA
Consulting Engineers Ltd

Head Office
Office 4 & 5
Admiral Enterprise Centre
Maidenhead Road
Luton, Bedfordshire
LU1 3JH
01582 950000

Office 17, Weybridge Place
Brentford, Middlesex
TW8 9JQ
0181 606000

Job Title	Land South of Bartons Road, Havant	Scale	NTS	Date	Nov 15	Designed	n/a
Drawing Title	Aquifer Maps - Superficial Deposits	Drawn	EV	Checked	GC	Approved	GC
Client	Chidden Farm	Job No	14-018	Figure No	FIGURE 9	Rev	



☒ BGS Aquifer Maps - Bedrock Designation

Principal

Secondary A

Secondary B

Secondary (undifferentiated)

Rev	Amendments				Date

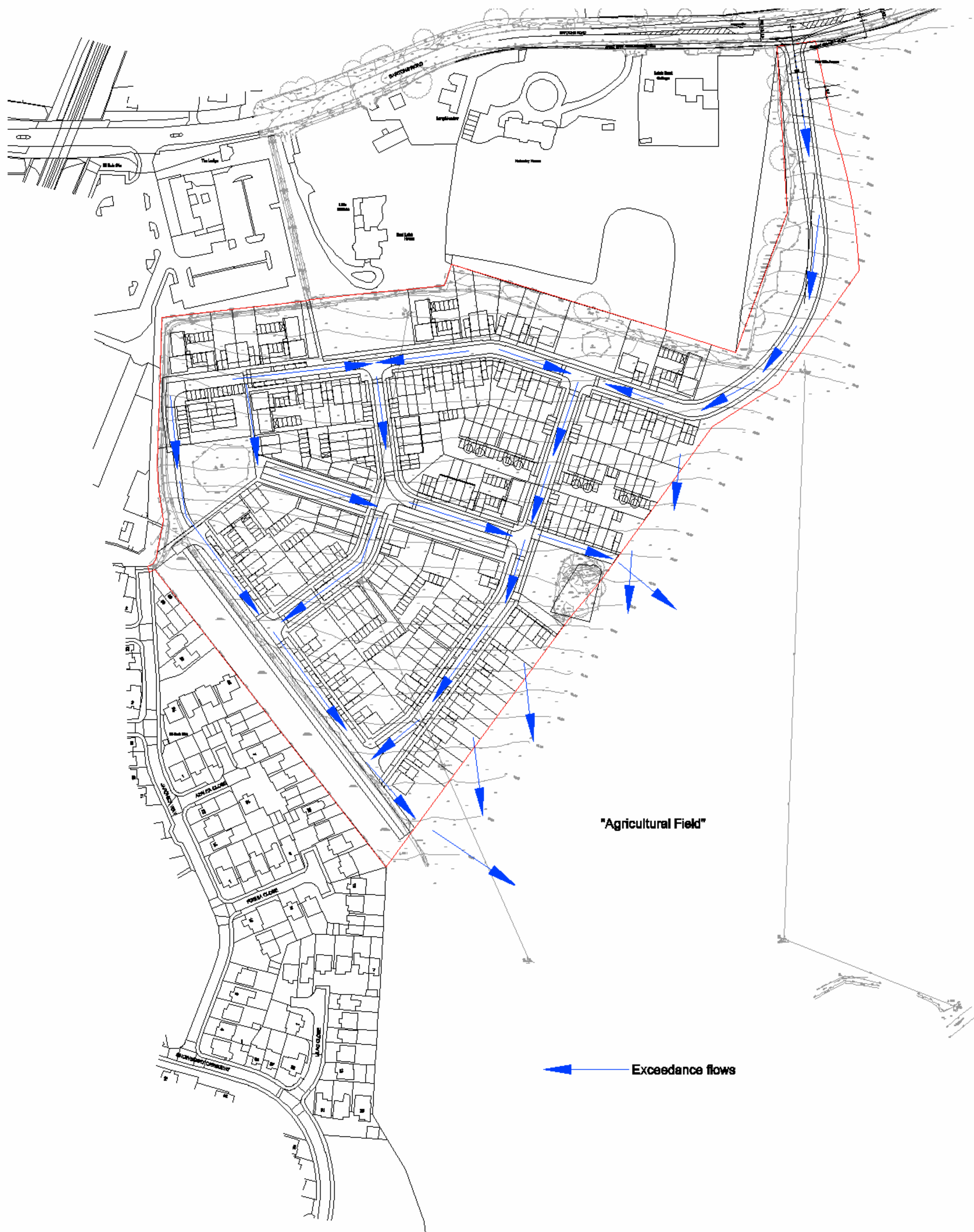
Consulting Engineers Ltd

Head Office: 10, Walsley Place, Basingstoke, Hants, RG24 0JQ. Tel: 01252 488110

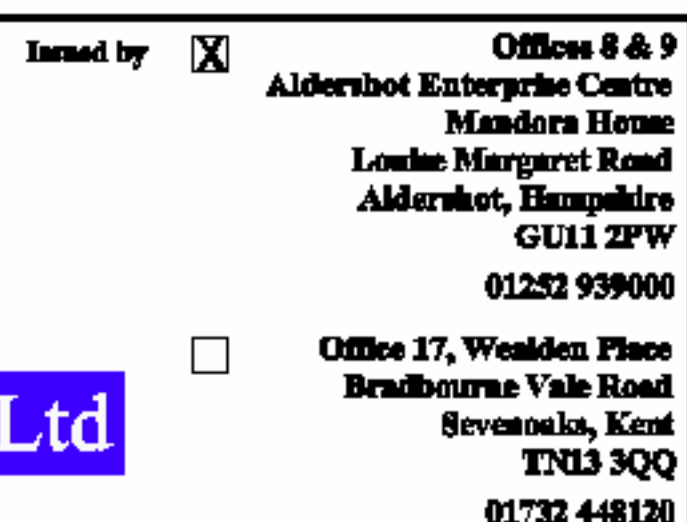
Office 1: 10, Walsley Place, Basingstoke, Hants, RG24 0JQ. Tel: 01252 488110

Office 2: 10, Walsley Place, Basingstoke, Hants, RG24 0JQ. Tel: 01252 488110

Job Title Land South of Bartons Road, Havant	Scale NTS	Date Nov 15	Designed n/a
Drawing Title Aquifer Maps - Bedrock Deposits	Drawn EV	Checked GC	Approved GC
Client Chidden Farm	Job No 14-018	Figure No FIGURE 10	Rev



A	Site Boundary Removed	BL	SA	SA	12/2015
Rev	Amendments	Drn	Chk	App	Date



Job Title	Land South of Bartons Road, Havant
Drawing Title	Post Development Overland Flow Paths
Client	Chidden Farms

Scale 1:2500@A3	Date Nov 15	Designed GC
Drawn EV	Checked GG	Approved GC
Job No 14-018	Figure No FIGURE 11	Rev A

APPENDIX A
CORRESPONDENCE WITH THE ENVIRONMENT AGENCY

Agadi, Praful

From: SSD Enquiries [REDACTED]
Sent: 15 April 2015 16:19
To: Statutory Enquiries
Subject: 150415 SSD/6319 PLANT ENQUIRY : LM 37493/SD - Bartons Road, HAVANT, Hampshire

Dear Shovon

Thank you for your recent consultation regarding the above site.

Although the Environment Agency is classed as a statutory undertaker for certain purposes we do not generally have plant equipment or pipelines situated in the public highway. Our consent as a regulator may be required if you are intending to carry out work within 8 metres of a Main River as defined in the Water Resources Act 1991 or within 16 metres of the Tidal Thames.

This reply has been drafted without conducting a specific search of our records. If you have reason to think that your proposal will affect land or equipment which we own please resubmit your enquiry making this clear.

I hope that we have correctly interpreted your request.

Should you have any further queries, please do not hesitate to contact me.

Kind regards
Hannah

Hannah Osborn

Customers and Engagement Officer
Customers & Engagement Team
Covering Sussex, Hampshire and the IoW (Solent & South Downs Area)

Guildbourne House, Chatsworth Road, Worthing, West Sussex, BN11 1LD
[REDACTED]

We would be really grateful if you could spare five minutes to help us improve our service. Please click on the link below and fill in our survey – we use every piece of feedback we receive:

<http://feedback1.environmentagency.uk.com/s3/SSDCustomer>



Planning for the
future of water



Have your say on the draft updates to the river basin management plans and the draft flood risk management plans

www.gov.uk/government/consultations/update-to-the-draft-river-basin-management-plans
www.gov.uk/government/consultations/draft-flood-risk-management-plans

From: Enquiries, Unit
Sent: 14 April 2015 14:49
To: Statutory Enquiries
Subject: 1504014/MB12 RE: PLANT ENQUIRY : LM 37493/SD - Bartons Road, HAVANT, Hampshire

Dear Shovon,

I have passed your enquiry to our customer team for the relevant area and they will be in touch with you shortly.

The Freedom of Information Act and Environmental Information Regulations state that a public authority must respond to requests for information within 20 working days, but we aim to respond to all enquiries as quickly as we can.

You can find more information about our service commitment by clicking on the link below:

<https://www.gov.uk/government/publications/environment-agency-customer-service-commitment>

Should you wish to contact the customer team directly, please use the contact details below. Please quote your Enquiry Reference [REDACTED] in any correspondence with us regarding this matter.

Customer and Engagement
Environment Planning & Engagement
Environment Agency
Solent and South Downs Area
Guildbourne House
Chatsworth Road
Worthing
West Sussex
BN11 1LD

[REDACTED]

I trust the above is of assistance to you.

Kind Regards

Matthew Bembridge
Customer Service Adviser

National Customer Contact Centre - Part of National Operations Services

[REDACTED]
Web Site: www.gov.uk/environment-agency



So how did we do...?

Our National Customer Contact Centre relies on customer feedback, so we really value your thoughts on how we are doing. We will always make changes where we can to improve our service. This will only take three minutes to complete:

<http://feedback1.environmentagency.uk.com/s3/NCCCsurvey>

From: Das, Shovon [REDACTED] **On Behalf Of** Statutory Enquiries
Sent: 14 April 2015 10:35

[REDACTED]

Subject: PLANT ENQUIRY : LM 37493/SD - Bartons Road, HAVANT, Hampshire

To whom it may concern,

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Enter a postcode or place name:

Other topics for this area...

Groundwater

Go

Groundwater

Map legend

☒ Groundwater source protection zones 

Inner zone
(Zone 1)

Inner zone - subsurface
activity only
(Zone 1c)

Outer zone
(Zone 2)

Outer zone - subsurface
activity only
(Zone 2c)

Total catchment
(Zone 3)

Total catchment -
subsurface activity only
(Zone 3c)

Special interest
(Zone 4)

☒ Aquifer Maps -
Superficial Deposits
Designation 

☒ Aquifer Maps - Bedrock
Designation 

Principal

Secondary A

Secondary B

Secondary
(undifferentiated)

☒ Groundwater
Vulnerability Zones 

Major Aquifer High

Major Aquifer
Intermediate

Major Aquifer Low

Minor Aquifer High

Minor Aquifer
Intermediate

Minor Aquifer Low

☒ Other national
environmental
organisations 

Natural Resources

Wales Area of
responsibility

Scottish Environment
Protection Agency Area
of responsibility

X: 473,225;Y: 107,864 at scale 1:20,000

Other maps  Data search  Text only version 



Customers in Wales - From 1 April 2013 Natural Resources Wales (NRW) has taken over the responsibilities of the Environment Agency in Wales.
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More about Groundwater

Groundwater Source Protection Zones:

Groundwater provides a third of our drinking water. We ensure that your water is safe to drink defining Source Protection Zones. These zones help to monitor the risk of contamination from any activities that might cause pollution in the area.

The Source Protection Zones are not displayed at scales greater than 1:20,000 (Ordnance Survey 1:50,000 scale) as the data was only modelled to this level and is not accurate past this. They should not be compared against field boundaries.

[Understanding Groundwater Source Protection Zones maps](#)

British Geological Survey Aquifer Maps:

From 1st April 2010 new aquifer designations replace the old system of classifying aquifers as Major, Minor and Non-Aquifer. This new system is in line with our Groundwater Protection Policy (GP3) and the Water Framework Directive (WFD) and is based on British Geological Survey mapping.

The Aquifer Extents are not displayed at scales greater than 1:75,000 (Ordnance Survey 1:250,000 scale) as the data was only modelled to this level and is not accurate past this.

[Understanding Groundwater Source Protection Zones maps](#)

Enter a postcode or place name:

Other topics for this area...

Go

Risk of Flooding from Surface Water

[View other Interactive Maps](#)

Risk of Flooding from Surface Water

Surface water flooding happens when rainwater does not drain away through the normal drainage systems or soak into the ground, but lies on or flows over the ground instead.

The shading on the map shows the risk of flooding from surface water in this particular area.

[Click on the map for a more detailed explanation.](#)

Map legend

☒ Risk of Flooding from Surface Water

☒ High

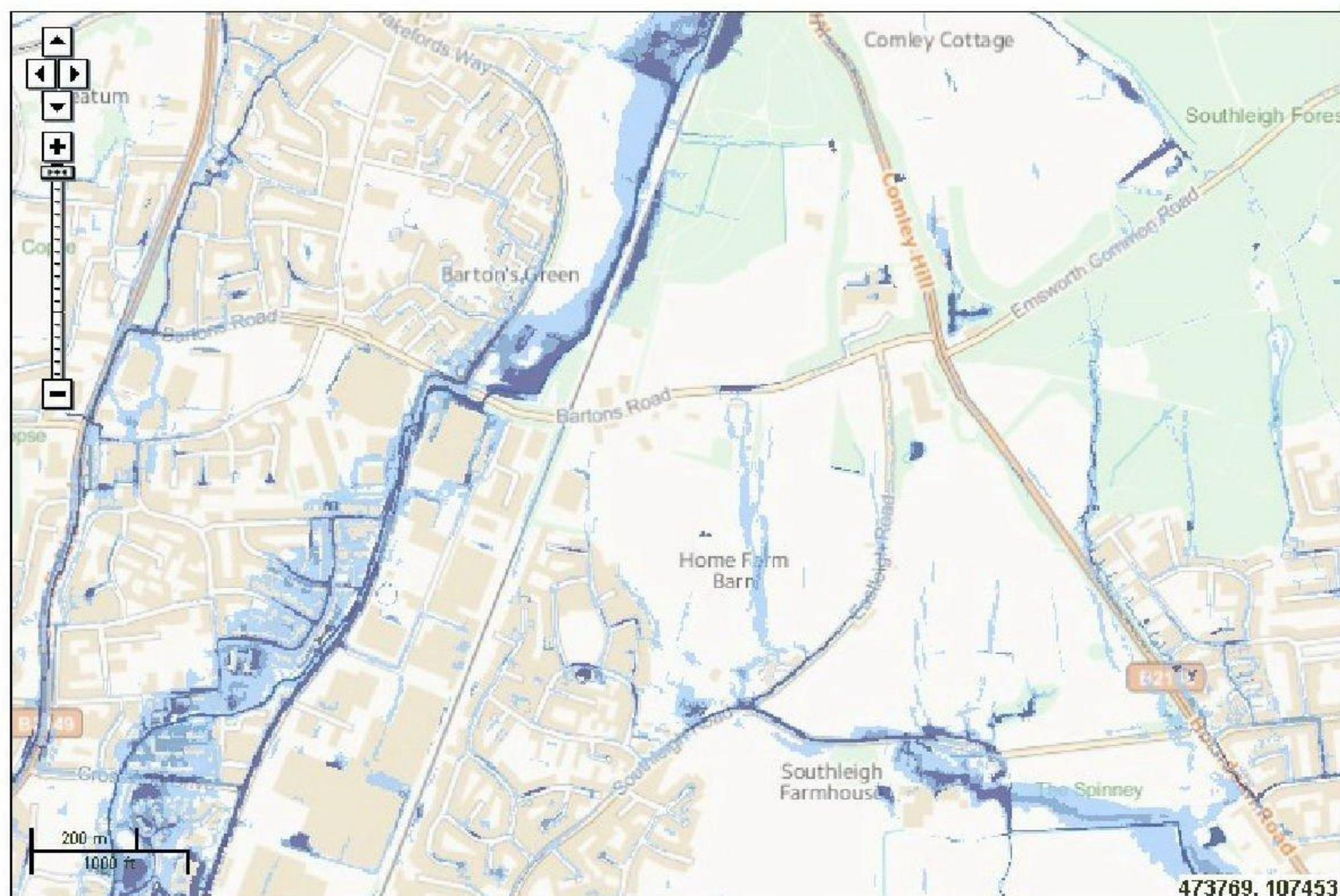
☒ Medium

☒ Low

☐ Very Low

Map of X: 473,225; Y: 107,864 at scale 1:10,000

[Data search](#)



Enter a postcode or place name:

Other topics for this area...

Flood Map for Planning (Rivers and Sea)

Go

Flood Map for Planning (Rivers and Sea)

Map legend

Click on the map to see what Flood Zone (National Planning Policy Guidance definitions) the proposed development is in.

☐ ☒ Flood Map for Planning (Rivers and Sea) 

 Flood Zone 3

 Flood Zone 2

 Flood defences (Not all may be shown*)

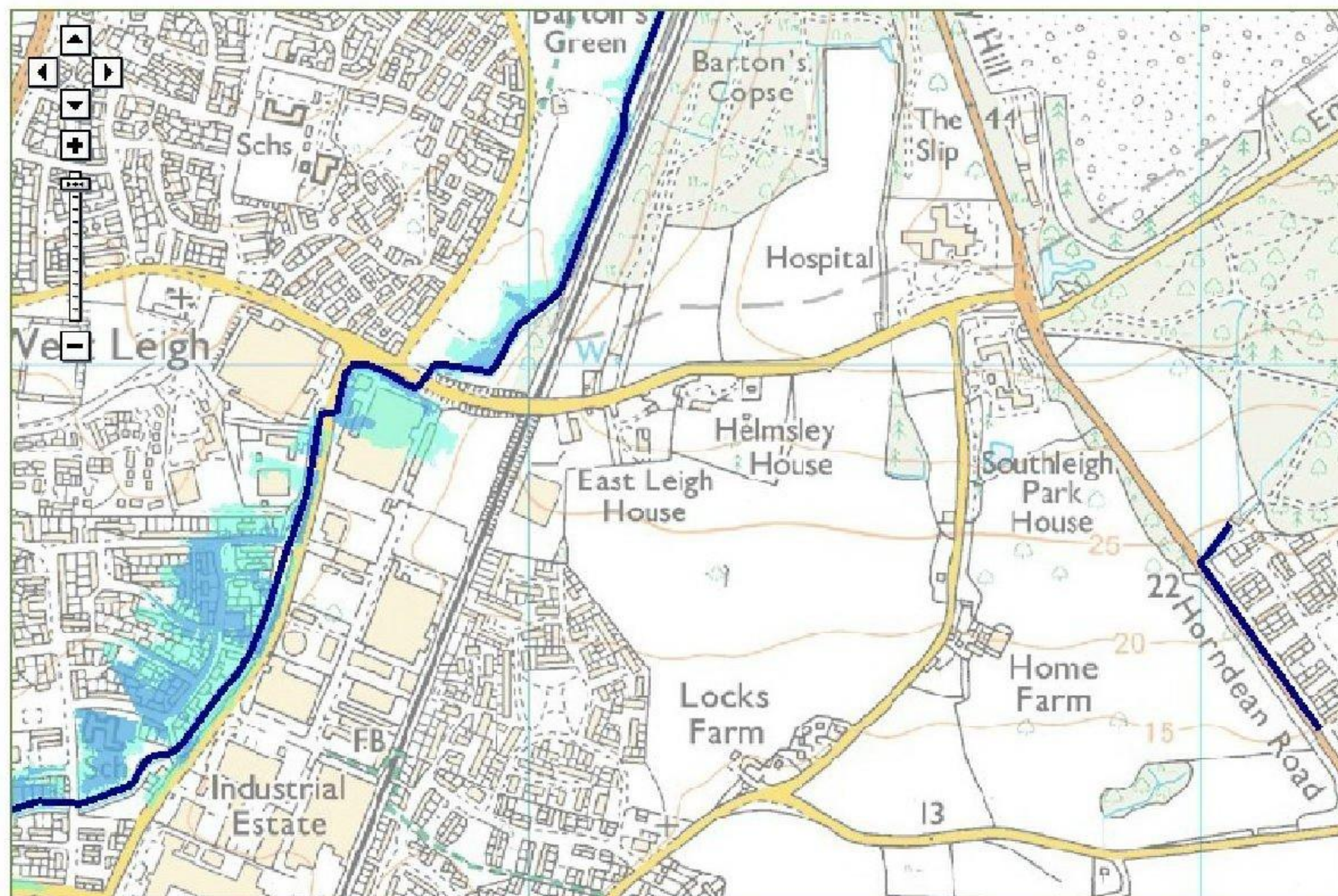
 Areas benefiting from flood defences (Not all may be shown*)

☐ ☒ Main Rivers 

 River line

Map of X: 473,225; Y: 107,864 at scale 1:10,000

Other maps  Data search  Text only version 



Enter a postcode or place name:

Other topics for this area...

Go

Risk of Flooding from Reservoirs

[View other Interactive Maps](#)

Risk of Flooding from Reservoirs

Reservoir flooding is extremely unlikely to happen.

The shading on the map shows the area that could be flooded if a large reservoir were to fail and release the water it holds. A large reservoir is one that holds over 25,000 cubic metres of water, equivalent to approximately 10 Olympic sized swimming pools. Since this is a worst case scenario, it's unlikely that any actual flood would be this large.

Click on the shading to see details of reservoirs that could cause flooding in this area.

Map legend

☒ Risk of Flooding from Reservoirs

☐ Maximum extent of flooding

Map of X: 473,225; Y: 107,864 at scale 1:10,000

[Data search](#)

