In Parliament – Session 2021 - 2022

High Speed Rail (Crewe – Manchester) Environmental Statement

Volume 5: Map Book

Borrow pit (CT-32)



M108a

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Borrow pit (CT-32)

# HS2

#### M108a



High Speed Two (HS2) Limited has been tasked by the Department for Transport (DfT) with managing the delivery of a new national high speed rail network. It is a non-departmental public body wholly owned by the DfT.

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### recycle

Printed in Great Britain on paper containing 100% recycled fibre.

### Contents

Mapping explanatory notes

Data dictionary and definitions

Map series name	CT-32 – Shortlisted Locations for Potential Borrow Pits
Map series description	CT-32 series shows the shortlisted loca
Community Area name	
MA01 Hough to Walley's Green	
MA02 Wimboldsley to Lostock Gralam	$\checkmark$
MA03 Pickmere to Agden and Hulseheath	✓
MA04 Broomedge to Glazebrook	
MA05 Risley to Bamfurlong	
MA06 Hulseheath to Manchester Airport	
MA07 Davenport Green to Ardwick	
MA08 Manchester Piccadilly Station	
ORW1 Preston Station (PSTN)	
ORW2 Carlisle Station (CSTN)	
ORW3 Annandale Depot (ADEP)	

locations for potential borrow pits.

### Mapping explanatory notes

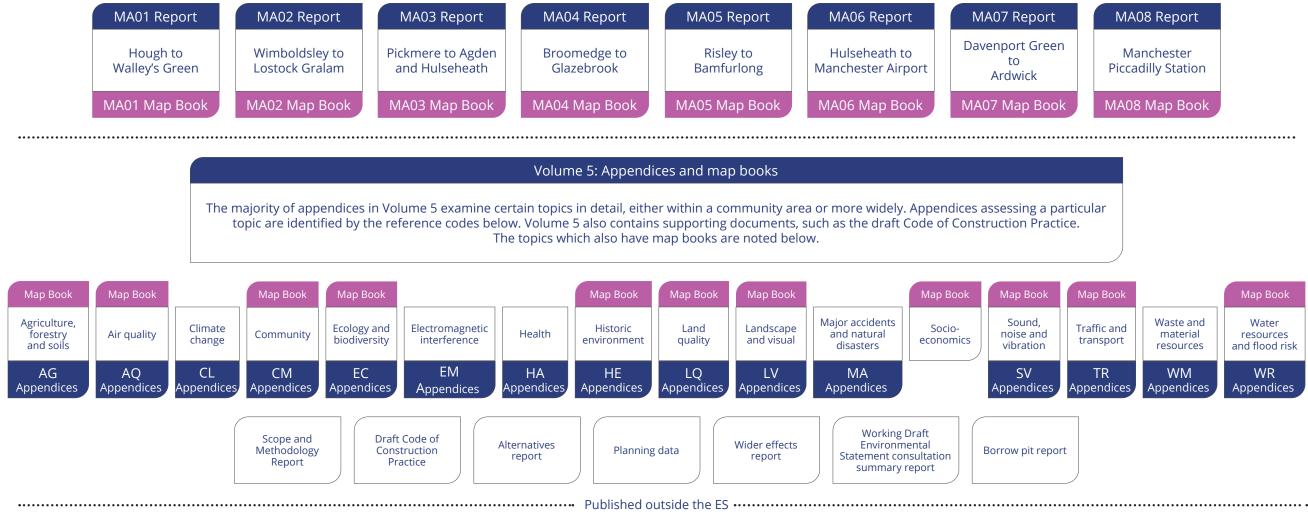
#### Structure of the HS2 Phase 2b Environmental Statement

This map book is part of the suite of documents that make up the Environmental Statement (ES) that accompanies the deposit of the High Speed Rail (Crewe – Manchester) hybrid Bill. The structure of the ES is shown in the diagram below:



Volume 5:	Appendices and	map books

The topics which also have map books are noted below.



Background Information and Data (BID) and associated BID map books

lume 4: Off-route effects
likely significant effects at locations Phase 2b Western Leg corridor and its local environment.
Map Book

#### **Copyright statements**

Copyright statements are presented in the Data dictionary and definitions section at the front of the map book, due to limited space to include this on the individual maps themselves.

#### **Ordnance Survey data**

All maps produced as part of the ES contain Ordnance Survey (OS) data. HS2 Ltd use the most up to date mapping available, where possible, supplied by the OS and as such, we cannot be held responsible for any inaccuracies within this data. As part of our licence conditions, all digital maps carry a watermark.

#### Chainage

Most of the maps presented as part of the ES have a chainage value shown next to the alignment. Chainage is presented on the maps in black font, in the form of XXX+YYY, e.g. 192+000 or 239+500.

Chainage (known as reference chainage) is referenced from Euston Station, which is 0+000, and the value presented is in metres, e.g. 192+000 refers to the point, 192,000m, or 192km, from Euston Station. Chainage values increase in intervals dependant on the map scale. For maps at 1:50,000 scale chainage is shown at 5km intervals. For maps at 1:25,000 scale chainage is shown at 2km intervals. For maps at 1:20,000, 1:10,000, 1:5,000 and 1:2,500 scales, chainage is shown at 1km intervals.

Chainage has been included on the maps as a useful tool for comparing different map sets showing the different environmental themes or engineering plans, due to map sets having different scales, and therefore, showing differing amounts of alignment on the map.

#### **Map orientation**

The majority of the maps presented in these map books are presented with the railway alignment running horizontally across the page. The direction of travel to London would be following the alignment to the left hand side of the page, and Manchester to the right.

The exception to this, are map series LV-00, LV-02, LV-07 and LV-08, which present the alignment running from bottom to top of the page. This is to allow more of the modelled outputs to be shown at the appropriate map scale. In this instance, the direction of travel to London would be to the bottom of the page, and Manchester to the top.

#### Map books

In total, there are 29 map books, which make up the ES, found in Volume 2, Volume 4 and Volume 5. A list of the titles is provided below for reference.

Name	Name
Volume 2: Map book – MA01: Hough to Walley's Green	Volume 5: Map book – Agriculture (AG-01, AG02, AG-04)
Volume 2: Map book – MA02: Wimboldsley to Lostock Gralam	Volume 5: Map book – Air quality (AQ-01)
Volume 2: Map book – MA03: Pickmere to Agden and Hulseheath	Volume 5: Map book – Community (CM-01)
Volume 2: Map book – MA04: Broomedge to Glazebrook	Volume 5: Map book – Ecology and biodiversity (EC-01)
Volume 2: Map book – MA05: Risley to Bamfurlong	Volume 5: Map book – Historic Environment (HE-01, HE-02, HE-03)
Volume 2: Map book – MA06: Hulseheath to Manchester Airport	Volume 5: Map book – Land quality (LQ-01)
Volume 2: Map book – MA07: Davenport to Green Ardwick	Volume 5: Map book – MA01: Hough to Walley's Green Landscape and visual (LV-00, LV-02, LV-07, LV-08, LV-17)
Volume 2: Map book – MA08: Manchester Piccadilly Station	Volume 5: Map book – MA02: Wimboldsley to Lostock Gralam Landscape and visual (LV-00, LV-02, LV-07, LV-08, LV-17)
Volume 4: Map book – Off-route effects	Volume 5: Map book – MA03: Pickmere to Agden and Hulseheath Landscape and visual (LV-00, LV-02, LV-07, LV-08, LV-17)

Name	Name
Volume 5: Map book – MA04: Broomedge to Glazebrook Landscape and visual (LV-00, LV-02, LV-07, LV-08, LV-17)	Volume 5: Map book – MA05: Risley to Bamfurlong Landscape and visual
Volume 5: Map book – MA06: Hulseheath to Manchester Airport Landscape and visual (LV-00, LV-02, LV-07, LV-08, LV-17)	Volume 5: Map book – MA07: Davenport to Green Ardwick Landscape and
Volume 5: Map book – MA08: Manchester Piccadilly Station Landscape and visual (LV-00, LV-02, LV-07, LV-08, LV-17)	Volume 5: Map book – OR003 Annandale Depot Landscape and visual (LV
Volume 5: Map book – Planning Data/Committed Development (CT-13)	Volume 5: Map book – Socio-economics (SE-01)
Volume 5: Map book – Sound, noise and vibration (SV-02, SV-03, SV-08, SV-09)	Volume 5: Map book – Traffic and transport (TR-01, TR-03, TR-04, TR-08)
Volume 5: Map book – Water resources and flood risk (WR-01, WR-02, WR-03, WR-05, WR-06)	

#### ual (LV-00, LV-02, LV-07, LV-08, LV-17) and visual (LV-00, LV-02, LV-07, LV-08, LV-17)

(LV-00, LV-02, LV-07, LV-08, LV-17)

Data dictionary and definitions



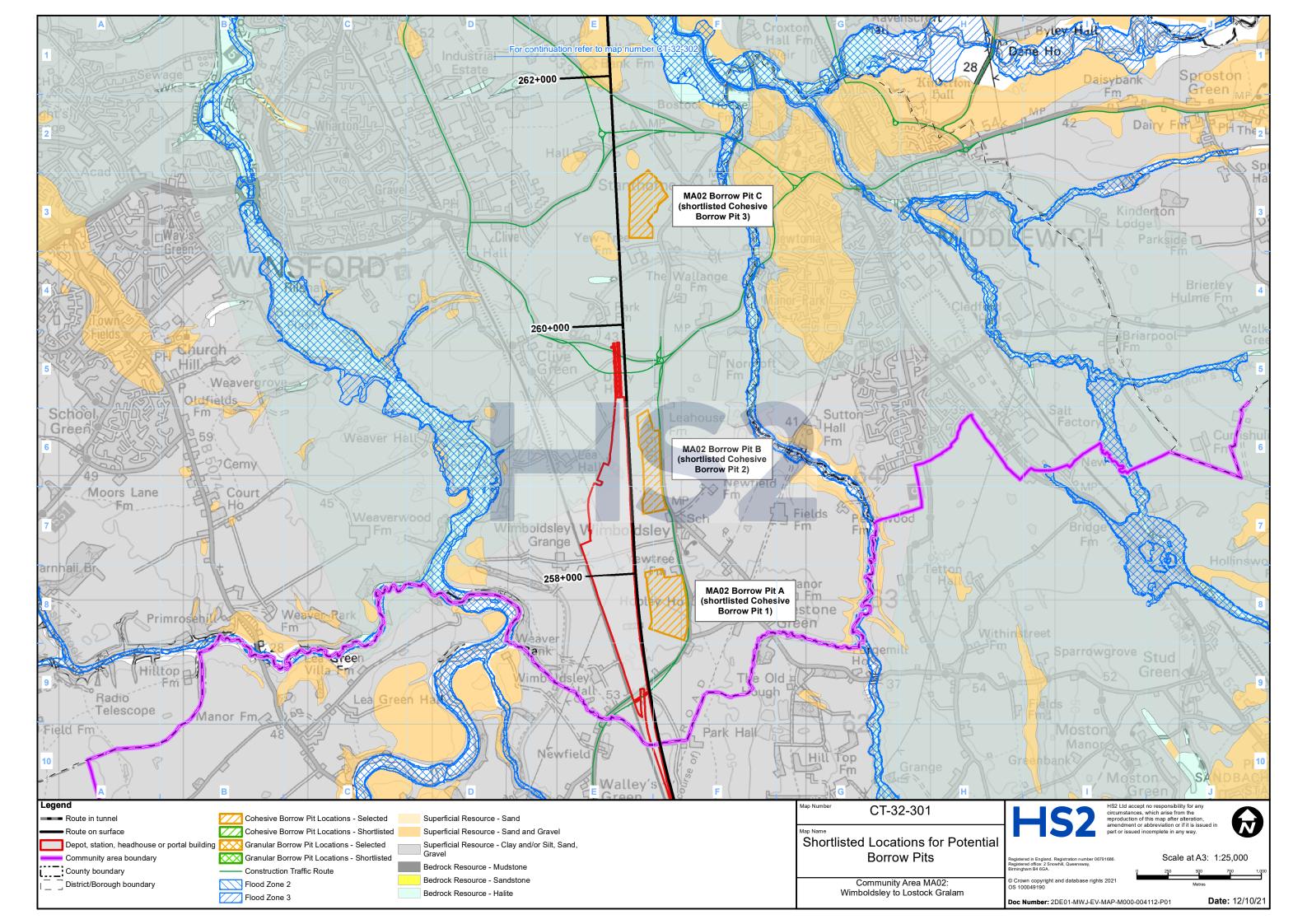
Data dictionary and definitions		
Legend features	Definition	Source
Bedrock resource	Bedrock geology (formerly termed 'solid' geology) is a term used for the main mass of rocks forming the Earth that are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water. The bedrock has formed over vast lengths of geological time, ranging from ancient and highly altered rocks of the Proterozoic, some 2500 million years ago or older, up to the relatively young Pliocene, 2.6 million years ago.	British Geological Survey (BGS)
Borrow pit locations (cohesive, granular)	A location that has been identified as being potentially suitable for a borrow pit.	High Speed Two (HS2) Ltd
Community area boundary	The Environmental Statement has been split into eight sections called Community Areas.	High Speed Two (HS2) Ltd
Construction traffic routes	Public highways which may be used for HGV construction traffic.	High Speed Two (HS2) Ltd
County boundary	County boundaries from Ordnance Survey boundary mapping.	Ordnance Survey
Depot, station, headhouse or portal building	Extends to cover operational footprint of each depot and station and the footprint of each tunnel vent shaft and headhouse at surface level. Excludes any ancillary buildings associated with these structures.	High Speed Two (HS2) Ltd
District/borough boundary	Ordnance Survey local authority boundary mapping.	Ordnance Survey
Fluvial flood risk: Flood zone 2	National Flood Zone 2 (FZ2). Land assessed, ignoring the presence of flood defences, as having between a 1% and 0.1% annual probability of river flooding.	Environment Agency

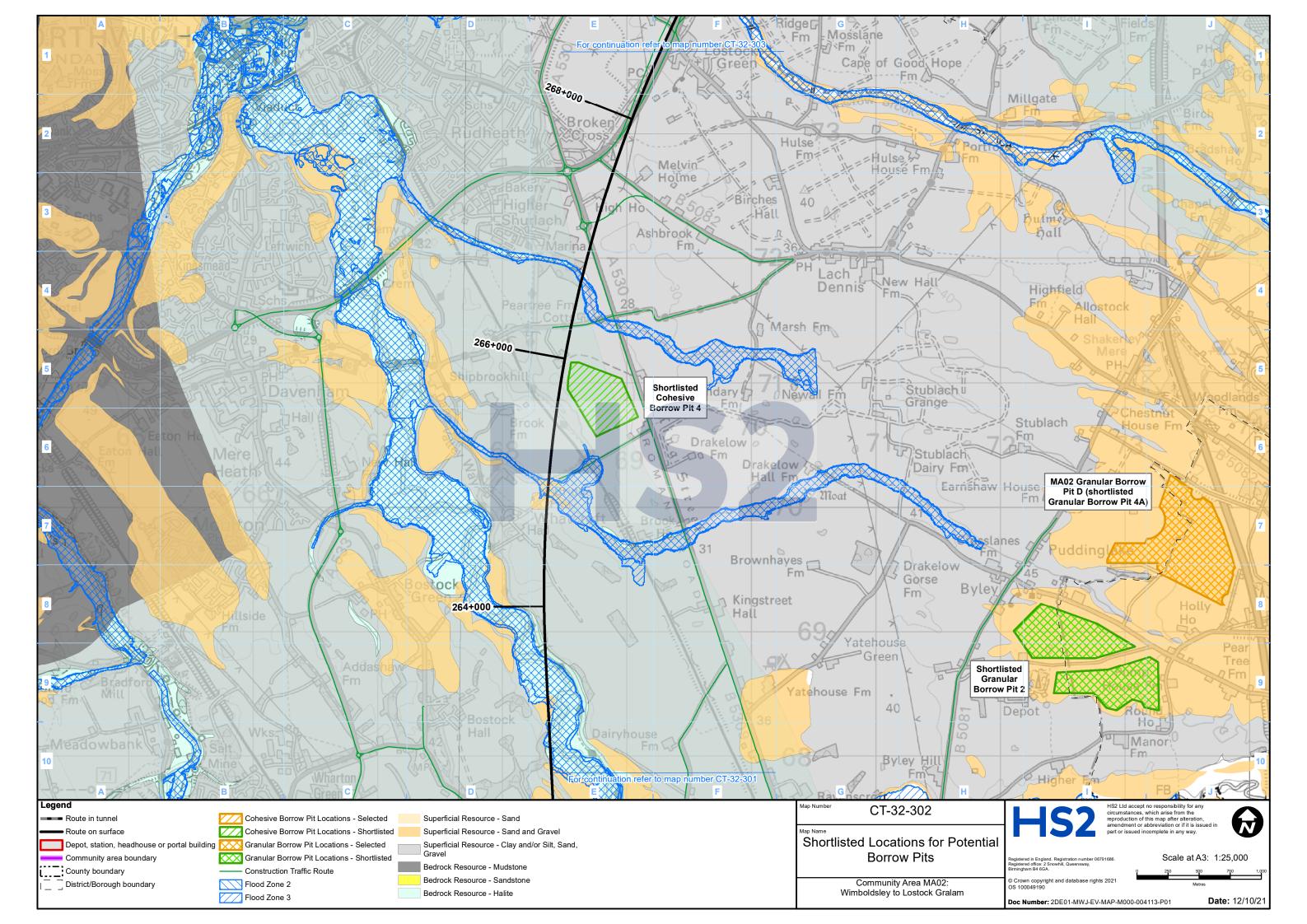
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Legend features	Definition	Source	Copyright
Fluvial flood risk: Flood zone 3	defences, as having a 1% or greater annual probability of river flooding.	Environment Agency	© Environment Agency copyright and/or database right 2019. All rights reserved.
Route in tunnel	Represents the proposed route of HS2, split into. route on surface and tunnelled sections.		
Route on surface	Represents the proposed route of HS2, split into route on surface and tunnelled sections.	High Speed Two (HS2) Ltd	
Superficial resource	Superficial deposits (formerly termed 'drift') are the youngest geological deposits formed during the most recent period of geological time, the Quaternary, which extends back about 2.6 million years from the present. They rest on older deposits or rocks referred to as bedrock.		Reproduced with the permission of the British Geological Survey ©NERC. All rights Reserved.

MA02: Wimboldsley to Lostock Gralam CT-32 – Shortlisted Locations for Potential Borrow Pits







MA03: Pickmere to Agden and Hulseheath CT-32 – Shortlisted Locations for Potential Borrow Pits



