

High Speed Rail (Crewe to Manchester)

Background information and data

Agriculture, forestry and soils

BID AG-002-0MA01

MA01: Hough to Walley's Green

Agriculture, forestry and soils baseline data

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Department
for Transport

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.

High Speed Two (HS2) Limited
Two Snowhill
Snow Hill Queensway
Birmingham B4 6GA

Telephone: 08081 434 434

General email enquiries: HS2enquiries@hs2.org.uk

Website: www.hs2.org.uk

A report prepared for High Speed Two (HS2) Limited:

ARUP+ ERM | FOSTER + PARTNERS | JACOBS
RAMBOLL | TYPESA | COSTAIN

MWJV

Mott MacDonald | WSP

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1 Introduction

- 1.1.1 This report presents agriculture, forestry and soils baseline data for the Hough to Walley's Green area (MA01).
- 1.1.2 The following content comprises the individual soil data logs for the soil profiles observed as part of the survey undertaken of those parts of the study area for which published Agricultural Land Classification information was unavailable as referenced in the Environmental Statement (see Volume 5: Appendix AG-001-0MA01)¹.

1.2 Soil data

- 1.2.1 The observed soil profile data are shown below in Table 1 in baseline borehole survey sheets. The location of each survey point is identified by a grid reference.

¹ High Speed Two Ltd (2022), High Speed Rail (Crewe – Manchester), *Environmental Statement, MA01 Hough to Walley's Green, Agriculture, forestry and soils assessment*. Volume 5: Appendix AG-001-0MA01. Available online at: <https://www.gov.uk/government/collections/hs2-phase-2b-crewe-manchester-environmental-statement>.

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Company	Date of soil survey	Land parcel reference	CFA farm ID	Unique borehole ID		Borehole ID (Auto generated on save)	Survey site name	Borehole location			Soil						Structure ped		Soil nutrients						Gley	Stone content % total	Stone content %>2cm	Stone content %>6cm	Stone lithology	Slowly permeable layer	Wetness class	Limiting factor (1)	Limiting factor (2)	Limiting factor (3)	ALC grade	Soil survey category	
				Soil type (T, U, L)	Borehole no			Easting (X) coordinate	Northing (Y) coordinate	Lower depth of horizon (cm)	Texture	Colour (Munsell soil colour chart)	Consistency	Subsoil structure	Calcareous	Average annual rainfall	Soil handling class	Size	Shape	OM %	pH value	P mg/l	K mg/l	Mg mg/l													total N mg/l
RAC	12/09/2018	L16111	MA01	L1	1003	L16111_L1_1003	MA01 L16111	370200	357600	120	C - Clay	5YR5/2	Very firm	Poor	No	700-1000mm	Low resilience	Very coarse	Prismatic							Yes	0	0	0	Soft	Yes	Class IV	Wetness	N/A	N/A	3b	Survey type 3

2 References

High Speed Two Ltd (2022), High Speed Rail (Crewe – Manchester), *Environmental Statement, MA01 Hough to Walley's Green, Agriculture, forestry and soils assessment*. Volume 5: Appendix AG-001-0MA01. Available online at: <https://www.gov.uk/government/collections/hs2-phase-2b-crewe-manchester-environmental-statement>.