

10k Raster Mapping

Published 1999

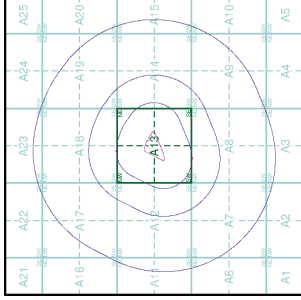
Source map scale - 1:10,000

The historical maps shown were produced from the Ordnance Survey's 1:10,000 colour raster mapping. These maps are updated from the data which was used to produce the 1:10,000 maps originally published in 1970. The data is highly detailed showing buildings, roads, railways, 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)

SJ49SW	SJ49SE
1999	1999
1:10,000	1:10,000
SJ48NW	SJ48NE
1999	1999
1:10,000	1:10,000

Historical Map - Slice A



Order Details

Order Number: 204489531_1_1
Customer Ref: 130827
National Grid Reference: 345920, 389260
Slice: A
Site Area (Ha): 2.49
Search Buffer (m): 1000

Site Details

Daf Trucks, Coppice Lane, HUYTON, L35 1QY

10k Raster Mapping

Published 2006

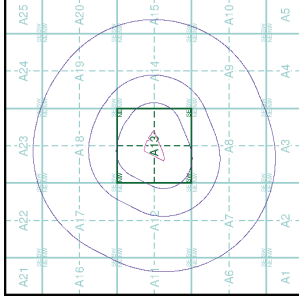
Source map scale - 1:10,000

The historical maps shown were produced from the Ordnance Survey's 1:10,000 colored raster mapping. These maps are derived from data which is highly detailed, showing buildings, roads, 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)

SJ49SW	SJ49SE
2006	2006
1:10,000	1:10,000
SJ48NW	SJ48NE
2006	2006
1:10,000	1:10,000

Historical Map - Slice A



Order Details

Order Number: 204489531_1
Customer Ref: 130827
National Grid Reference: 345920, 389260

Slice: A

Site Area (Ha): 2.49

Search Buffer (m): 1000

Site Details

Daf Trucks, Coppice Lane, HUYTON, L35 1QY

Historical Mapping Legends

Ordnance Survey County Series and Ordnance Survey Plan 1:2,500

Ordnance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information 1:2,500 and 1:1,250

Large-Scale National Grid Data 1:2,500 and 1:1,250

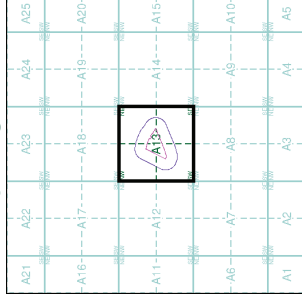
Slopes		Top		Top	
	Cliff		Rock		Boulders (scattered)
	Positioned Boulder		Non-Confiferous Tree (surveyed)		Non-Confiferous Trees (not surveyed)
	Orchard Tree		Copple, Osier		Rough Grassland
	Direction of water flow		Triangulation Station		Electricity Pylon
	Barracks		Battery		Cemety
	Chymney		Cistern		Dismtld Rly
	Electricity Generating Station		Signal Box or Bridge		Signal Post or Light
	Spring		Tank or Track		Trough
	Wind Pump		Water Point		Water Tap
	Works (building or area)		Well		

FAIRHURST

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lancashire And Furness	1:2,500	1892 - 1893	2
Lancashire And Furness	1:2,500	1907	3
Lancashire And Furness	1:2,500	1927	4
Lancashire And Furness	1:2,500	1937 - 1938	5
Ordnance Survey Plan	1:1,250	1956	6
Ordnance Survey Plan	1:2,500	1957 - 1959	7
Additional SIMs	1:2,500	1959 - 1985	8
Supply of Unpublished Survey Information	1:2,500	1975	9
Supply of Unpublished Survey Information	1:2,500	1975	10
Additional SIMs	1:1,250	1977	11
Ordnance Survey Plan	1:2,500	1979	12
Ordnance Survey Plan	1:1,250	1982	13
Additional SIMs	1:2,500	1984 - 1989	14
Additional SIMs	1:2,500	1989	15
Additional SIMs	1:1,250	1992	16
Additional SIMs	1:2,500	1992	17
Large-Scale National Grid Data	1:1,250	1993	18
Large-Scale National Grid Data	1:2,500	1993	19
Large-Scale National Grid Data	1:1,250	1996	20
Historical Aerial Photography	1:2,500	2000	21

Historical Map - Segment A13



Order Details

Order Number: 204489531_1_1
Customer Ref: 130827
National Grid Reference: 345920, 389260
Slice: A
Site Area (Ha): 2.49
Search Buffer (m): 100

Site Details

Daf Trucks, Coppice Lane, HUYTON, L35 1QY



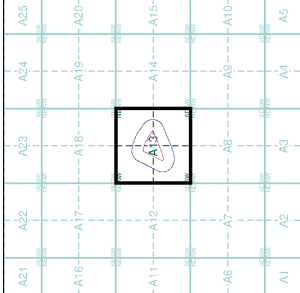
Tel: 0844 844 9652
Fax: 0844 844 9651
Web: www.envirocheck.co.uk

The historical maps shown were reproduced from maps predominantly held at the Ordnance Survey, which were adopted for England, Wales and Scotland in the 1840s. The 1892 and 1893 editions were the last to be published by the Ordnance Survey. 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)

107.14	107.15
1892	1892
1:2,500	1:2,500
114.02	
1893	
1:2,500	

Historical Map - Segment A13



Order Details

Order Number: 204489531_1_1
Customer Ref: 130827
National Grid Reference: 345920, 389260
Slice: A
Site Area (Ha): 2.49
Search Buffer (m): 100

Site Details

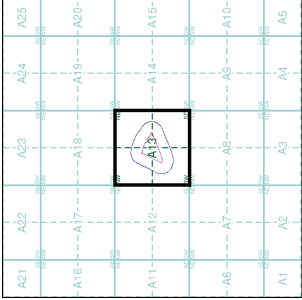
Daf Trucks, Coppice Lane, HUYTON, L35 1QY

The historical maps shown were reproduced from maps predominantly held at the Ordnance Survey, Warley, England, in the 1940s. The 1854 map was adopted for England, Wales and Scotland in the 1940s. The 1854 map was the 2,500 scale map of the Ordnance Survey 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)

107.14	107.15
1907	1907
1:2,500	1:2,500
114.02	114.03
1907	1907
1:2,500	1:2,500

Historical Map - Segment A13



Order Details

Order Number: 204489531_1_1
Customer Ref: 130827
National Grid Reference: 345920, 389260
Slice: A
Site Area (Ha): 2.49
Search Buffer (m): 100

Site Details

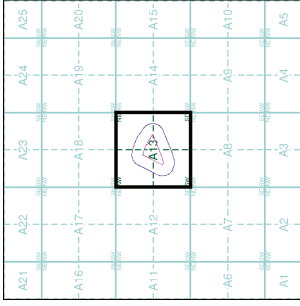
Daf Trucks, Coppice Lane, HUYTON, L35 1QY

The historical maps shown were reproduced from maps predominantly held at the Ordnance Survey, which were adopted for England, Wales and Scotland in the 1840s. The 1:2,500 scale maps were first published in 1847, and the 1:62,500 scale maps were first published in 1896. It is important to note that the maps were compiled to be the best available at the time, and 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)

107.14	107.15
1927	1927
1:2,500	1:2,500
114.02	114.03
1927	1927
1:2,500	1:2,500

Historical Map - Segment A13



Order Details

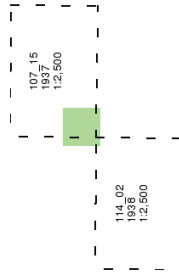
Order Number: 204489531_1_1
Customer Ref: 130827
National Grid Reference: 345920, 389260
Slice: A
Site Area (Ha): 2.49
Search Buffer (m): 100

Site Details

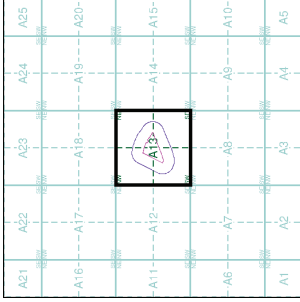
Daf Trucks, Coppice Lane, HUYTON, L35 1QY

The historical maps shown were reproduced from maps predominantly held at the Ordnance Survey, which were adopted for England, Wales and Scotland in the 1840s. The maps were then adopted for use in the Ordnance Survey's 1:2,500 scale maps, which were published by 1896. It is important to note that the maps were not surveyed by the Ordnance Survey, but were the work of other cartographers. 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 A13



Order Details

Order Number: 204489531_1_1
Customer Ref: 130827
National Grid Reference: 345920, 389260
Slice: A
Site Area (Ha): 2.49
Search Buffer (m): 100

Site Details

Daf Trucks, Coppice Lane, HUYTON, L35 1QY

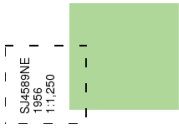
Ordnance Survey Plan

Published 1956

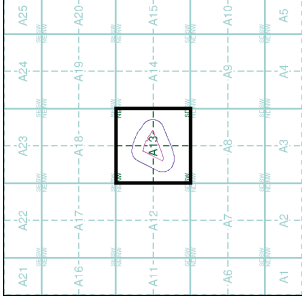
Source map scale - 1:1,250

The historical maps shown were reproduced from maps predominantly held at the time adopted for England, Wales and Scotland in the 1940s. In 1854 the OS 2500 series was published, and in 1896 it was replaced by the 1:1,250 series. 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 A13



Order Details

Order Number: 204489531_1_1
Customer Ref: 130827
National Grid Reference: 345920, 389260
Slice: A
Site Area (Ha): 2.49
Search Buffer (m): 100

Site Details

Daf Trucks, Coppice Lane, HUYTON, L35 1QY

Ordnance Survey Plan

Published 1957 - 1959

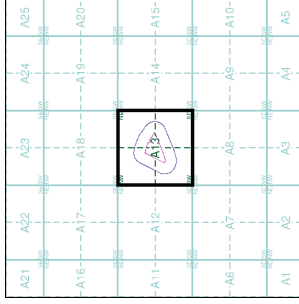
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the Ordnance Survey, which were adopted for the 1:2,500 scale in 1854. The 1:2,500 scale maps were produced by the Ordnance Survey in 1854. 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)

SJ4589	SJ4589
1957	1959
1:2,500	1:2,500
SJ4588	SJ4588
1957	1959
1:2,500	1:2,500

Historical Map - Segment A13



Order Details

Order Number: 204489531_1_1
Customer Ref: 130827
National Grid Reference: 345920, 389260
Slice: A
Site Area (Ha): 2.49
Search Buffer (m): 100

Site Details

Daf Trucks, Coppice Lane, HUYTON, L35 1QY

Additional SIMs

Published 1959 - 1985

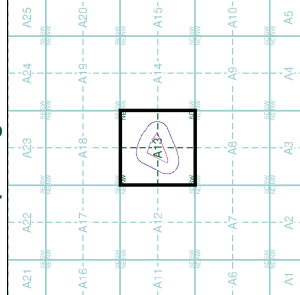
Source map scale - 1:2,500

The SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') are further editions of mapping which were produced and published from 1947 to 1984, and contain details of 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)

SJ4589	SJ4689
1982	1979
12,500	12,500
SJ4588	SJ4688
1985	1989
12,500	12,500

Historical Map - Segment A13



Order Details

Order Number: 204489531_1_1
Customer Ref: 130827
National Grid Reference: 345920, 389260
Slice: A
Site Area (Ha): 2.49
Search Buffer (m): 100

Site Details

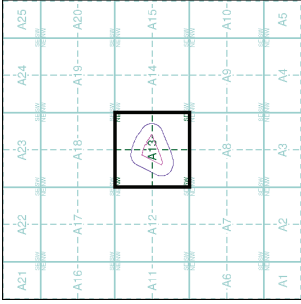
Daf Trucks, Coppice Lane, HUYTON, L35 1QY

SUSI maps (Supply of Unpublished Survey Information) were produced between 1972 and 1977, mainly for internal use at Ordnance Survey. These were more of a 'check-in-progress' plan, rather than a final product. These maps are unpublished and they do not represent a single moment in time. They were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)

SJ4589	SJ4689
1975	1975
12,500	12,500
SJ4588	SJ4688
1975	1975
12,500	12,500

Historical Map - Segment A13



Order Details

Order Number: 204489531_1_1
Customer Ref: 130827
National Grid Reference: 345920, 389260
Slice: A
Site Area (Ha): 2.49
Search Buffer (m): 100

Site Details

Daf Trucks, Coppice Lane, HUYTON, L35 1QY

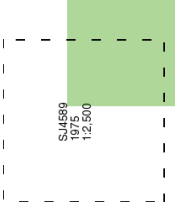
Supply of Unpublished Survey Information

Published 1975

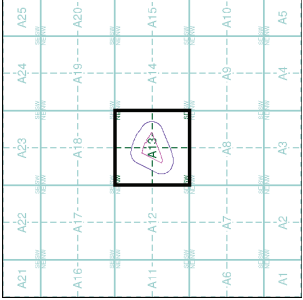
Source map scale - 1:2,500

SUSI maps (Supply of Unpublished Survey Information) were produced between 1972 and 1977, mainly for internal use at Ordnance Survey. These were more of a 'work-in-progress' plan sheet and were not intended to be used as a final map. These maps are unpublished and they do not represent a single moment in time. They were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 204489531_1_1
Customer Ref: 130827
National Grid Reference: 345920, 389260
Slice: A
Site Area (Ha): 2.49
Search Buffer (m): 100

Site Details

Daf Trucks, Coppice Lane, HUYTON, L35 1QY

Additional SIMs

Published 1977

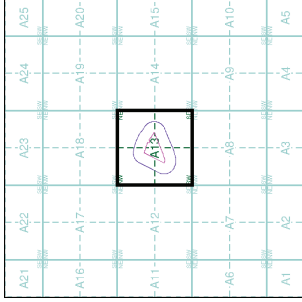
Source map scale - 1:1,250

The SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') are further minor editions of mapping which were produced and published in the 1970s. They contain an Ordnance Survey map of the area 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)

--- SJ4589NE
1977
1:1,250

Historical Map - Segment A13



Order Details

Order Number: 204489531_1_1
Customer Ref: 130827
National Grid Reference: 345920, 389260
Slice: A
Site Area (Ha): 2.49
Search Buffer (m): 100

Site Details

Daf Trucks, Coppice Lane, HUYTON, L35 1QY

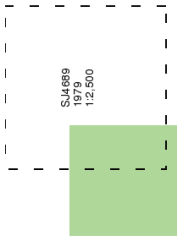
Ordinance Survey Plan

Published 1979

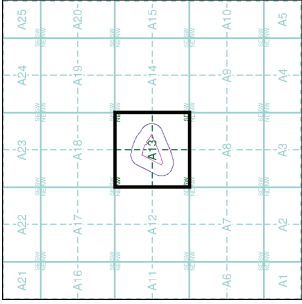
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the Ordnance Survey, which were adopted for England, Wales and Scotland in the 1840s. The 1854 edition of the 2,500 scale map of Great Britain was published by 1856. It included the whole of what was then 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 A13



Order Details

Order Number: 204489531_1_1
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National Grid Reference: 345920, 389260
Slice: A
Site Area (Ha): 2.49
Search Buffer (m): 100

Site Details

Daf Trucks, Coppice Lane, HUYTON, L35 1QY

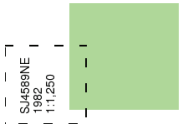
Ordnance Survey Plan

Published 1982

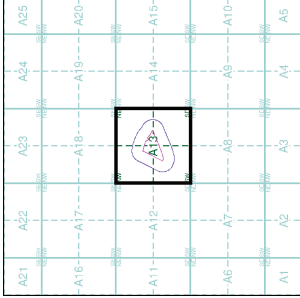
Source map scale - 1:1,250

The historical maps shown were reproduced from maps predominantly held at the time adopted for England, Wales and Scotland in the 1840s. In 1854 the 2,500 scale was adopted for the Ordnance Survey and in 1896 it replaced the 1:1,250 scale. 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 A13



Order Details

Order Number: 204489531_1_1
Customer Ref: 130827
National Grid Reference: 345920, 389260
Slice: A
Site Area (Ha): 2.49
Search Buffer (m): 100

Site Details

Daf Trucks, Coppice Lane, HUYTON, L35 1QY

Additional SIMs

Published 1984 - 1989

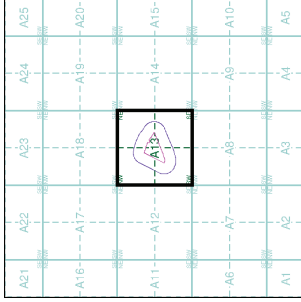
Source map scale - 1:2,500

The SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') are further editions of mapping which were produced and published from 1947 to 1989. They contain details of 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)

SJ4689	1984	1:2,500
SJ4688	1989	1:2,500

Historical Map - Segment A13



Order Details

Order Number: 204489531_1_1
Customer Ref: 130827
National Grid Reference: 345920, 389260
Slice: A
Site Area (Ha): 2.49
Search Buffer (m): 100

Site Details

Daf Trucks, Coppice Lane, HUYTON, L35 1QY

Additional SIMs

Published 1989

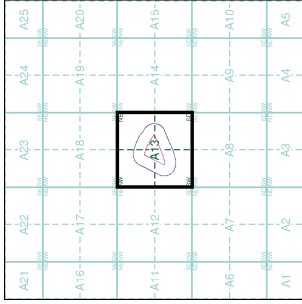
Source map scale - 1:2,500

The SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') are further editions of mapping which were produced and published in 1989. They contain details of the land use in the area from 1947 to 1984, and contain details of the land use in the area from 1947 to 1984, and contain details of the land use in the area from 1947 to 1984. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)

SJ4689	1989	1:2,500
SJ4688	1989	1:2,500

Historical Map - Segment A13



Order Details

Order Number: 204489531_1_1
Customer Ref: 130827
National Grid Reference: 345920, 389260
Slice: A
Site Area (Ha): 2.49
Search Buffer (m): 100

Site Details

Daf Trucks, Coppice Lane, HUYTON, L35 1QY

Additional SIMs

Published 1992

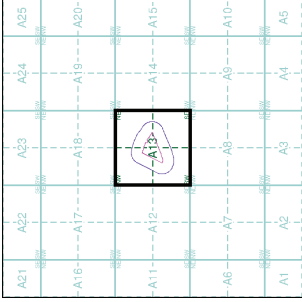
Source map scale - 1:1,250

The SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') are further minor editions of mapping which were produced and published in 1992. They contain an aerial photograph taken between 1947 and 1949, 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)

— — — — —
SJ4589NE
1992
1:1,250
— — — — —
J

Historical Map - Segment A13



Order Details

Order Number: 204489531_1_1
Customer Ref: 130827
National Grid Reference: 345920, 389260
Slice: A
Site Area (Ha): 2.49
Search Buffer (m): 100

Site Details

Daf Trucks, Coppice Lane, HUYTON, L35 1QY

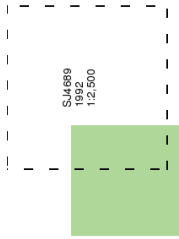
Additional SIMs

Published 1992

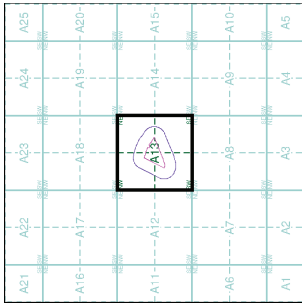
Source map scale - 1:2,500

The SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') are further editions of mapping which were produced and published in 1992, before the introduction of the 'Survey of Information on Microfilm' in 1997 to 1994, and contain details of 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 A13



Order Details

Order Number: 204489531_1_1
Customer Ref: 130827
National Grid Reference: 345920, 389260
Slice: A
Site Area (Ha): 2.49
Search Buffer (m): 100

Site Details

Daf Trucks, Coppice Lane, HUYTON, L35 1QY

Large-Scale National Grid Data

Published 1993

Source map scale - 1:1,250

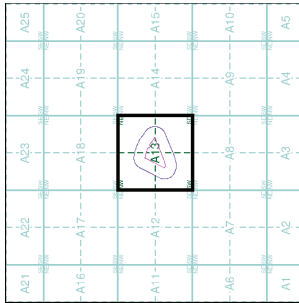
Large Scale National Grid Data' superseded SLM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic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

Map Name(s) and Date(s)

SJ4589NE
1993
1:1,250

SJ4589SE
1993

Historical Map - Segment A13



Order Details

Order Number: 204489531_1_1

Customer Ref: 130827

National Grid Reference: 345920, 389260

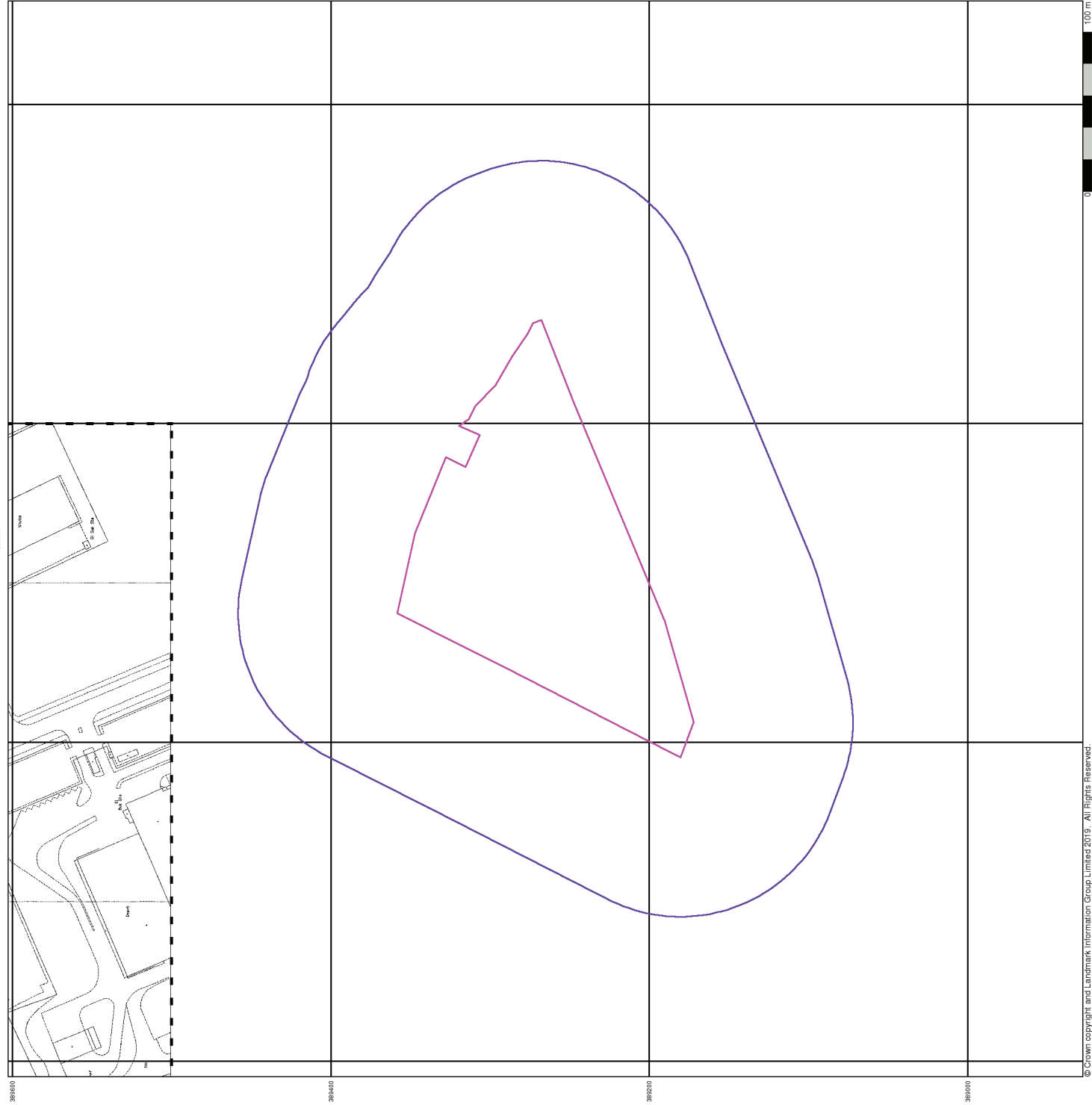
Slice:

Site Area (Ha): 2.49

Search Buffer (m):

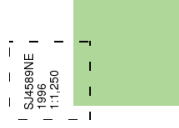
Site Details

Site Details
Daf Trucks, Coppice Lane, HUXTON, L35 1QY

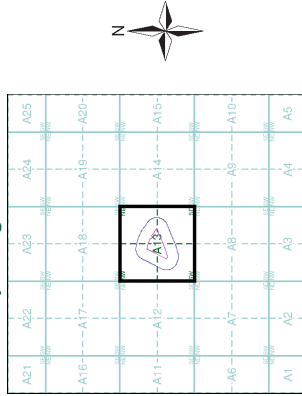


Large Scale National Grid Data: superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the original source of data for the mapping and provide detailed information on houses and other built features, but lack less 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)



Historical Map - Segment A13



Order Details

Order Number: 204489531_1_1
Customer Ref: 130827
National Grid Reference: 345920, 389260
Slice: A
Site Area (Ha): 2.49
Search Buffer (m): 100

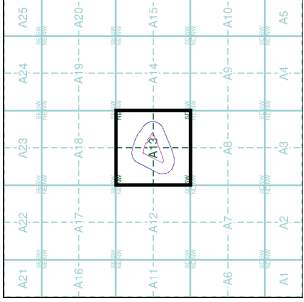
Site Details

Daf Trucks, Coppice Lane, HUYTON, L35 1QY

Historical Aerial Photography Published 2000

This aerial photography was produced by GERMAPPING, these vertical aerial photographs provide a seamless, full colour survey of the whole of Great Britain

Historical Aerial Photography - Segment A13



Order Details

Order Number: 204489531_1_1
Customer Ref: 130827
National Grid Reference: 345920, 389260
Slice: A
Site Area (Ha): 2.49
Search Buffer (m): 100

Site Details

Daf Trucks, Coppice Lane, HUYTON, L35 1QY

APPENDIX D

Coal Authority Information
BGS Records

Key

Disused mine shaft

Outcrop (Conjectured)



0345 762 6848 (UK)
+44 (0)1623 637 000 (International)
www.groundstability.com



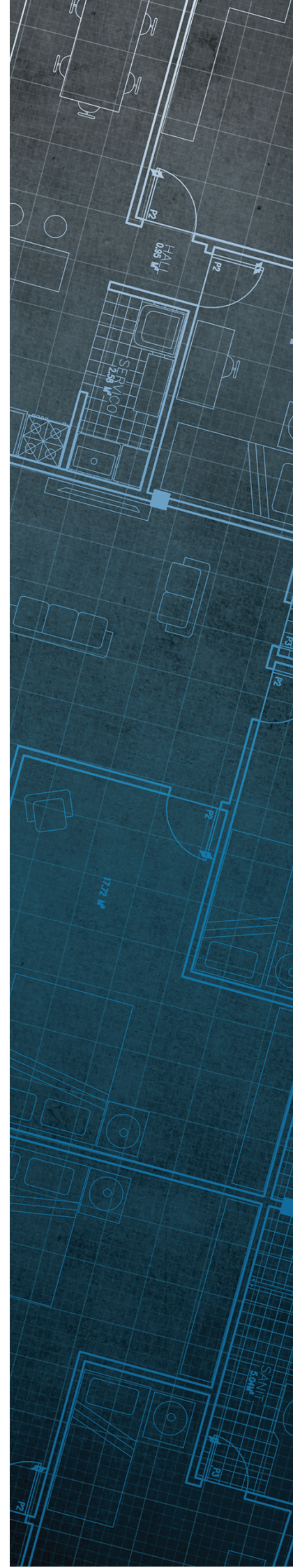
The Coal
Authority

Consultants Coal Mining Report

Coppice Lane
TARBOCK
Prescot
Lancashire

Date of enquiry:	16 September 2024
Date enquiry received:	16 September 2024
Issue date:	16 September 2024

Our reference:	51003450310001
Your reference:	358185878_2



Consultants

Coal Mining Report

This report is based on and limited to the records held by the Coal Authority at the time the report was produced.

Client name

NLIS Hub

Enquiry address

Coppice Lane
TARBOCK
Prescot
Lancashire

How to contact us

0345 762 6848 (UK)
+44 (0)1623 637 000 (International)

200 Lichfield Lane
Mansfield
Nottinghamshire
NG18 4RG

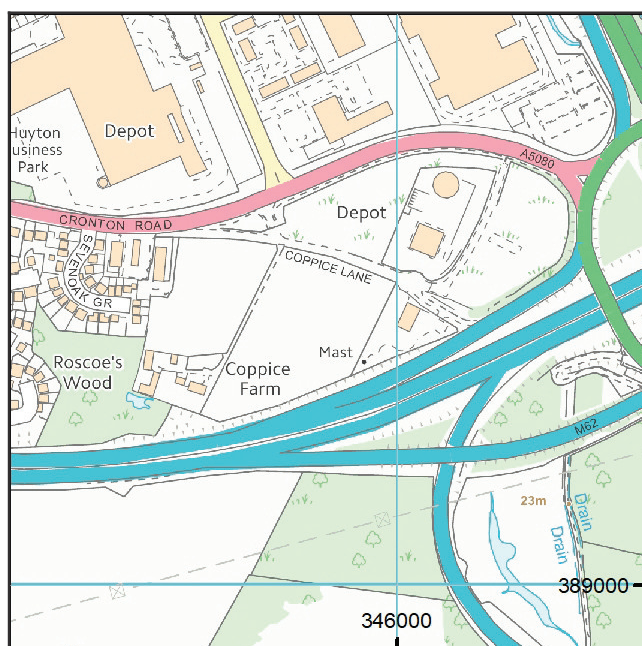
www.groundstability.com

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Approximate position of property



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Section 1 – Mining activity and geology

Past underground mining

No past mining recorded.

Probable unrecorded shallow workings

Yes.

Spine roadways at shallow depth

No spine roadway recorded at shallow depth.

Mine entries

Entry type	Reference	Grid reference	Treatment description	Mineral	Conveyancing details
Shaft	345389-011	345845 389425		Coal	

Abandoned mine plan catalogue numbers

The following abandoned mine plan catalogue numbers intersect with some, or all, of the enquiry boundary:

16820		
-------	--	--

Please contact us on 0345 762 6848 to determine the exact abandoned mine plans you require based on your needs.

Outcrops

Seam name	Mineral	Seam workable	Distance to outcrop (m)	Direction to outcrop	Bearing of outcrop
LONDON DELPH (BIN)	Coal	Yes	14.0	North	73
ROGER	Coal	Yes	37.2	North	77

Geological faults, fissures and breaklines

No faults, fissures or breaklines recorded.

Opencast mines

None recorded within 500 metres of the enquiry boundary.

Coal Authority managed tips

None recorded within 500 metres of the enquiry boundary.

Section 2 – Investigative or remedial activity

Please refer to the 'Summary of findings' map (on separate sheet) for details of any activity within the area of the site boundary.

Site investigations

None recorded within 50 metres of the enquiry boundary.

Remediated sites

None recorded within 50 metres of the enquiry boundary.

Coal mining subsidence

The Coal Authority has not received a damage notice or claim for the subject property, or any property within 50 metres of the enquiry boundary, since 31 October 1994.

There is no current Stop Notice delaying the start of remedial works or repairs to the property.

The Coal Authority is not aware of any request having been made to carry out preventive works before coal is worked under section 33 of the Coal Mining Subsidence Act 1991.

Mine gas

None recorded within 500 metres of the enquiry boundary.

Mine water treatment schemes

None recorded within 500 metres of the enquiry boundary.

Section 3 – Licensing and future mining activity

Future underground mining

None recorded.

Coal mining licensing

None recorded within 200 metres of the enquiry boundary.

Court orders

None recorded.

Section 46 notices

No notices have been given, under section 46 of the Coal Mining Subsidence Act 1991, stating that the land is at risk of subsidence.

Withdrawal of support notices

The property is not in an area where a notice to withdraw support has been given.

The property is not in an area where a notice has been given under section 41 of the Coal Industry Act 1994, cancelling the entitlement to withdraw support.

Payments to owners of former copyhold land

The property is not in an area where a relevant notice has been published under the Coal Industry Act 1975/Coal Industry Act 1994.

Section 4 – Further information

Based on the responses in this report, no further information has been highlighted.

Future development

If development proposals are being considered, technical advice relating to both the investigation of coal and former coal mines and their treatment should be obtained before beginning work on site. All proposals should apply specialist engineering practice required for former mining areas. No development should be undertaken that intersects, disturbs or interferes with any coal or coal mines without first obtaining the permission of the Coal Authority.

MINE GAS: Please note, if there are no recorded instances of mine gas within 500m of the enquiry boundary, this does not mean that mine gas is not present within the vicinity. The Coal Authority Mine Gas data is limited to only those sites where a Mine Gas incident has been recorded. Developers should be aware that the investigation of coal seams, mine workings or mine entries may have the potential to generate and/or displace underground gases. Associated risks both to the development site and any neighbouring land or properties should be fully considered when undertaking any ground works. The need for effective measures to prevent gases migrating onto any land or into any properties, either during investigation or remediation work, or after development must also be assessed and properly addressed. In these instances, the Coal Authority recommends that a more detailed Gas Risk Assessment is undertaken by a competent assessor.

Section 5 – Data definitions

The datasets used in this report have limitations and assumptions within their results. For more guidance on the data and the results specific to the enquiry boundary, please **call us on 0345 762 6848** or **email us at groundstability@coal.gov.uk**.

Past underground coal mining

Details of all recorded underground mining relative to the enquiry boundary. Only past underground workings where the enquiry boundary is within 0.7 times the depth of the workings (zone of likely physical influence) allowing for seam inclination, will be included.

Probable unrecorded shallow workings

Areas where the Coal Authority believes there to be unrecorded coal workings that exist at or close to the surface (less than 30 metres deep).

Spine roadways at shallow depth

Connecting roadways either, working to working, or, surface to working, both in-seam and cross measures that exist at or close to the surface (less than 30 metres deep), either within or within 10 metres of the enquiry boundary.

Mine entries

Details of any shaft or adit either within, or within 100 metres of the enquiry boundary including approximate location, brief treatment details where known, the mineral worked from the mine entry and conveyance details where the mine entry has previously been sold by the Authority or its predecessors British Coal or the National Coal Board.

Abandoned mine plan catalogue numbers

Plan numbers extracted from the abandoned mines catalogue containing details of coal and other mineral abandonment plans deposited via the Mines Inspectorate in accordance with the Coal Mines Regulation Act and Metalliferous Mines Regulation Act 1872. A maximum of 9 plan extents that intersect with the enquiry boundary will be included. This does not infer that the workings and/or mine entries shown on the abandonment plan will be relevant to the site/property boundary.

Outcrops

Details of seam outcrops will be included where the enquiry boundary intersects with a conjectured or actual seam outcrop location (derived by either the British Geological Survey or the Coal Authority) or intersects with a defined 50 metres buffer on the coal (dip) side of the outcrop. An indication of whether the Coal Authority believes the seam to be of sufficient thickness and/or quality to have been worked will also be included.

Geological faults, fissures and breaklines

Geological disturbances or fractures in the bedrock. Surface fault lines (British Geological Survey derived data) and fissures and breaklines (Coal Authority derived data) intersecting with the enquiry boundary will be included. In some circumstances faults, fissures or breaklines have been known to contribute to surface subsidence damage as a consequence of underground coal mining.

Opencast mines

Opencast coal sites from which coal has been removed in the past by opencast (surface) methods and where the enquiry boundary is within 500 metres of either the licence area, site boundary, excavation area (high wall) or coaling area.

Coal Authority managed tips

Locations of disused colliery tip sites owned and managed by the Coal Authority, located within 500 metres of the enquiry boundary.

Site investigations

Details of site investigations within 50 metres of the enquiry boundary where the Coal Authority has received information relating to coal mining risk investigation and/or remediation by third parties.

Remediated sites

Sites where the Coal Authority has undertaken remedial works either within or within 50 metres of the enquiry boundary following report of a hazard relating to coal mining under the Coal Authority's Emergency Surface Hazard Call Out procedures.

Coal mining subsidence

Details of alleged coal mining subsidence claims made since 31 October 1994 either within or within 50 metres of the enquiry boundary. Where the claim relates to the enquiry boundary confirmation of whether the claim was accepted, rejected or whether liability is still being determined will be given. Where the claim has been discharged, whether this was by repair, payment of compensation or a combination of both, the value of the claim, where known, will also be given.

Details of any current 'Stop Notice' deferring remedial works or repairs affecting the property/site, and if so the date of the notice.

Details of any request made to execute preventative works before coal is worked under section 33 of the Coal Mining Subsidence Act 1991. If yes, whether any person withheld consent or failed to comply with any request to execute preventative works.

Mine gas

Reports of alleged mine gas emissions received by the Coal Authority, either within or within 500 metres of the enquiry boundary that subsequently required investigation and action by the Coal Authority to mitigate the effects of the mine gas emission. Please note, if there are no recorded instances of mine gas reported, this does not mean that mine gas is not present within the vicinity. The Coal Authority Mine Gas data is limited to only those sites where a Mine Gas incident has been recorded.

Mine water treatment schemes

Locations where the Coal Authority has constructed or operates assets that remove pollutants from mine water prior to the treated mine water being discharged into the receiving water body.

These schemes are part of the UK's strategy to meet the requirements of the Water Framework Directive. Schemes fall into 2 basic categories: Remedial – mitigating the impact of existing pollution or Preventative – preventing a future pollution incident.

Mine water treatment schemes generally consist of one or more primary settlement lagoons and one or more reed beds for secondary treatment. A small number are more specialised process treatment plants.

Future underground mining

Details of all planned underground mining relative to the enquiry boundary. Only those future workings where the enquiry boundary is within 0.7 times the depth of the workings (zone of likely physical influence) allowing for seam inclination will be included.

Coal mining licensing

Details of all licenses issued by the Coal Authority either within or within 200 metres of the enquiry boundary in relation to the under taking of surface coal mining, underground coal mining or underground coal gasification.

Court orders

Orders in respect of the working of coal under the Mines (Working Facilities and Support) Acts of 1923 and 1966 or any statutory modification or amendment thereof.

Section 46 notices

Notice of proposals relating to underground coal mining operations that have been given under section 46 of the Coal Mining Subsidence Act 1991.

Withdrawal of support notices

Published notices of entitlement to withdraw support and the date of the notice. Details of any revocation notice withdrawing the entitlement to withdraw support given under Section 41 of the Coal Industry Act 1994.

Payment to owners of former copyhold land

Relevant notices which may affect the property and any subsequent notice of retained interests in coal and coal mines, acceptance or rejection notices and whether any compensation has been paid to a claimant.



APPENDIX E

Risk Classification Matrix

Table 7 – Risk Classification Matrix

		Consequence			
		Severe (Sv)	Medium (Md)	Mild (Mi)	Minor (Mr)
Probability	High (Hi)	Very high risk	High Risk	Moderate Risk	Moderate/low risk
	Likely (Li)	High risk	Moderate risk	Moderate/low risk	Low risk
	Low likelihood (Lw)	Moderate risk	Moderate/low risk	Low risk	Very low risk
	Unlikely (UI)	Moderate/low risk	Low risk	Very low risk	Very low risk

After CIRIA Report C552, Contaminated Land Risk Assessment A Guide to Good Practice, 2001

Table 8 – Classification of Consequence

Classification	Definition	Examples
Severe	Short-term (acute) risk to human health likely to result in “significant harm” as defined by the Environment Protection Act 1990, Part IIA. Short-term risk of pollution (note: Water Resources Act contains no scope for considering significance of pollution) of sensitive water resource. Catastrophic damage to buildings/property. A short-term risk to a particular ecosystem or organisation forming part of such ecosystem (note: the definitions of ecological systems within the Draft Circular on Contaminated Land, DETR, 2000).	High concentrations of cyanide on the surface of an informal recreation area. Major spillage of contaminants from site into controlled water. Explosion, causing building collapse (can also equate to a short-term human health risk if buildings are occupied).
Medium	Chronic damage to Human Health (“significant harm” as defined in DETR, 2000). Pollution of sensitive water resources (note: Water Resources Act contains no scope for considering significance of pollution). A significant change in a particular ecosystem or organism forming part of such ecosystem, (note: the definitions of ecological systems within Draft Circular on Contaminated Land, DETR, 2000).	Concentration of a contaminant from site exceeds the generic or site-specific assessment criteria. Leaching of contaminants from a site to a major or minor aquifer. Death of a species within a designated nature reserve. Lesser toxic and asphyxiate effects of carbon dioxide
Mild	Pollution of non-sensitive water resources. Significant damage to crops, buildings, structures and services (“significant harm” as defined in the Draft Circular on Contaminated Land, DETR, 2000). Damage to sensitive buildings/structures/services or the environment.	Pollution of non-classified groundwater. Damage to building rendering it unsafe to occupy (e.g. foundation damage resulting in instability).
Minor	Harm, although not necessarily significant harm, which may result in a financial loss or expenditure to resolve. Non-permanent health effects to human health (easily prevented by means such as personal protective clothing, etc). Easily repairable effects of damage to buildings, structures and services.	The presence of contaminants at such concentrations that protective equipment is required during site works. The loss of plants in a landscaping scheme. Discoloration of concrete.

After CIRIA Report C552, Contaminated Land Risk Assessment A Guide to Good Practice, 2001

Table 9 – Classification of Probability

Probability Classification	Definition
High likelihood	There is a pollution linkage and an event that either appears very likely in the short term and almost inevitable over the long term, or there is evidence at the receptor of harm or pollution.
Likely	There is a pollution linkage and all the elements are present and in the right place, which means that it is probable that an event will occur. Circumstances are such that an event is not inevitable, but possible in the short term and likely over the long term
Low Likelihood	There is a pollution linkage and circumstances are possible under which an event could occur. However, it is by no means certain that even over a longer period such event would take place, and is less likely in the shorter term.
Unlikely	There is a pollution linkage but circumstances are such that it is improbable that an event would occur even in the very long term.

After CIRIA Report C552, Contaminated Land Risk Assessment A Guide to Good Practice, 2001

Table 10 - Classification of Risk and Likely Action Required

Very high risk (Vh)	There is a high probability that severe harm could arise to a designated receptor from an identified hazard, OR, there is evidence that severe harm to a designated receptor is currently happening. This risk, if realised, is likely to result in a substantial liability. Urgent investigation (if not undertaken already) and remediation are likely to be required.
High risk (Hi)	Harm is likely to arise to a designated receptor from an identified hazard. Realisation of the risk is likely to present a substantial liability. Urgent investigation (if not undertaken already) is required and remedial works may be necessary in the short-term and are likely over the longer-term.
Moderate risk (Md)	It is possible that harm could arise to a designated receptor from an identified hazard. However, it is either relatively unlikely that any such harm would be severe, or if any harm were to occur it is more likely that the harm would be relatively mild. Investigation (if not already undertaken) is normally required to clarify the risk and to determine the potential liability. Some remedial works may be required in the longer-term.
Low risk (Lw)	It is possible that harm could arise to a designated receptor from an identified hazard, but it is likely that this harm, if realised, would at worst normally be mild.
Very low risk (VI)	There is a low possibility that harm could arise to a receptor. In the event of such harm being realised it is not likely to be severe.

After CIRIA Report C552, Contaminated Land Risk Assessment A Guide to Good Practice

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